N42237.AR.000466
NSB KINGS BAY
5090.3a

FINAL QUARTERLY GROUNDWATER MONITORING REPORT JANUARY - MARCH 2000

NSB KINGS BAY GA

4/30/2000

J A JONES MANAGEMENT SERVICES

NSB Kings Bay Administrative Record
Document Index Number

31547-000
19.49.00.0013

Quarterly Groundwater Monitoring Report

January – March 2000
FINAL

Site 11, Old Camden County Landfill
Naval Submarine Base Kings Bay, Georgia

Prepared for:
Naval Submarine Base
Kings Bay, Georgia
Facilities and Environmental Directorate

Prepared by:

J.A. JONES
MANAGEMENT SERVICES

P.O. Box 47248
930 U.S.S. Hunley Avenue
Kings Bay, Georgia 31547

QUARTERLY GROUNDWATER MONITORING REPORT
JANUARY – MARCH 2000
FINAL

SITE 11, OLD CAMDEN COUNTY LANDFILL
NAVAL SUBMARINE BASE KINGS BAY, GEORGIA

Prepared for:

NAVAL SUBMARINE BASE
KINGS BAY, GEORGIA
FACILITIES AND ENVIRONMENTAL DIRECTORATE

Prepared by:

J.A. Jones Management Services
P.O. Box 47248
930 USS Hunley Avenue
Kings Bay, Georgia 31547

January – March 2000

REVISION 1

The work described and professional opinions rendered in this document, *Quarterly Groundwater Monitoring Report January – March 2000, Site 11, Old Camden County Landfill, Naval Submarine Base Kings Bay, Georgia, Revision 1,* were conducted and developed using commonly accepted procedures consistent with applicable standards of practice. The scope of services and activities described in this document were developed under the supervision of a professional geologist registered in the State of Georgia.

Mark A. Gage
Professional Geologist
State of Georgia License No. 001167

Table of Contents

Section **Page**

1.0 INTRODUCTION 1
1.1 SUMMARY OF ACTIVITIES 1

2.0 DATA PRESENTATION 1
2.1 HEADSPACE READINGS 2
2.2 WELL MEASUREMENT 2
2.3 WELL PURGING PARAMETERS 2
2.4 ANALITICAL RESULTS 2
2.5 GROUNDWATER RECOVERY AND TREATMENT SYSTEM 3

3.0 OBSERVATIONS AND RECOMMENDATIONS 3
3.1 OBSERVATIONS 3
3.2 RECOMMENDATIONS 4

APPENDIX

A ANALYTICAL REPORTS

FIGURES

Figure **Page**

1 Site Map 5
2 Groundwater Elevation Map 5a
3 Chlorinated Hydrocarbons, KBA-11-13A 6
3 Chlorinated Hydrocarbon Trends, KBA-11-13A 7

TABLES

Table **Page**

1 Headspace Readings 8
2 Well Measurements 10
3 Well Purge Parameters 12
4 Analytical Summary, Groundwater Protection Standard 13
5 Appendix IX Analyses Summary 16

ACRONYMS

JAJMS	J.A. Jones Management Services
Bechtel	Bechtel Environmental, Inc.
FID	flame ionization detector
NSB	Naval Submarine Base
PID	photoionization detector

UNITS OF MEASURE

ft	Foot
gal	Gallon
ID	inner diameter
in.	Inch
MSL	mean sea level
OD	outer diameter
ppm	parts per million

1.0 INTRODUCTION

J.A. Jones Management Services (JAJMS) has been contracted by the Department of the Navy, Submarine Base Kings Bay to provide ground water monitoring at Site 11, old Camden County Landfill at the Naval Submarine Base (NSB) Kings Bay.

This quarterly groundwater monitoring report documents the activities, inspections, and groundwater sampling and analyses results for the period from January 1, 2000 through February 2000. Section 1 of this report summarizes the field activities, inspections and results, any unusual occurrences during sampling, and actions or measures taken to resolve any problems. Section 2 presents details of the quarter's activity and includes a tabulation of both field measurements and analytical results. Section 3 includes observations and provides recommendations of any changes, repairs, maintenance, and activities for the upcoming quarter.

1.1 SUMMARY OF ACTIVITIES

Activities performed this quarter included well inspections, groundwater monitoring, and groundwater sampling and analyses. Weather conditions during this period were cold and dry, with temperatures ranging from low to mid 30s in the morning and to the upper 50s in the afternoon. A site map is provided as Figure 1.

Well Inspections – All wells were inspected for above ground damage or well deterioration. Generally, all wells were structurally sound with no aboveground damage.

Well Measurements – Well measurements included headspace readings, depth to water, and total depth measurements. Headspace readings were collected using a Photovac model 2020 PID organic vapor meter and water level and well depth measurements were collected using an electronic water level meter.

Groundwater Sampling – Groundwater samples were generally collected from wells in order of least contaminated to most contaminated. Groundwater samples were collected using the low-flow (minimal drawdown) method. Prior to purging, the intake of a dedicated piece of Teflon™ tubing (3/16-in. OD by ¼-in. ID) was positioned near the center of the well screen. Groundwater was then purged through the tube using a peristaltic pump, Geotech Model Geopump 2. Water quality parameters measured while purging included temperature, pH, conductivity, oxygen-reduction potential, turbidity, and dissolved oxygen. Once these parameters stabilized within 10 percent, a sample was collected and containerized for chemical analyses. Samples for groundwater protection standard analyses were collected by stopping the pump, removing the tubing from the well, reversing the flow of the pump, and gently filling the container.

2.0 DATA PRESENTATION

This section provides a summation and tabulation of all field measurements and analytical results. Field measurements include headspace readings, monitoring well measurements, and well purge data.

2.1 HEADSPACE READINGS

Table 1 presents a summary of headspace readings. Headspace readings were measured using a Photovac Model 2020 PID organic vapor meter. PID measurements ranged from 0 to 0.4 ppm. The highest PID reading of 0.4 ppm was observed at well KBA-11-34. Historical analytical results for this well show groundwater protection standard constituent tetrachloroethene. This reading may reflect the presence of tetrachloroethene (83 µg/L dissolved concentration) or methane in the headspace.

2.2 WELL MEASUREMENT

Water level and well depth measurements were collected using an electronic meter level meter. Table 2 provides a summary of the well measurements. All measurements were made from a surveyed reference point located at the top of the well casing. Depth to water ranged from approximately 14 ft below the top of the well casing (24 ft MSL) at the source area to approximately 2.6 ft below the top of the casing (20ft MSL) offsite at the Crooked River Plantation subdivision. Apparent groundwater flow is to the northwest.

2.3 WELL PURGING PARAMETERS

Water quality parameters temperature, pH, conductivity, oxygen-reduction potential, turbidity, and dissolved oxygen were measured and recorded during purging. These parameters generally stabilized after 6 to 8 gal of groundwater were purged from the well. Table 3 provides a summary of the stabilized parameters at the time of sample collection.

2.4 ANALYTICAL RESULTS

Eight (8) wells were sampled and analyzed for Groundwater Protection Standard constituents. All samples were submitted to Columbia Analytical Laboratories, and were analyzed using Environmental Protection Agency (EPA) Method 8260. Table 4 shows a summary of the results for the Groundwater Protection Standard. Table 5 shows a summary of the results of the Appendix IX analyses of samples collected in August 1999. A tabulation of historical results and the complete analytical data report are provided in Appendix A.

Groundwater Protection Standard Analyses - Five (KBA-11-13A, KBA-11-16, KBA-11-34, KBA-11-37, and PS-2) of the eight wells sampled and submitted for Groundwater Protection Standards Analyses exceeded one or more of the constituent standards. The following exceedances were observed:

- Vinyl chloride (20 ug/L), Cis-1, 2 – Dichlorethene (230 ug/L), Trichloroethene (14 ug/L), Chlorobenzene (2 ug/L) were exceeded in KBA-11-13A;
- 1, 1 – Dichloroethane (5ug/l) was exceeded in KBA-11-16;
- Tetrachloroethene (83 ug/L) was exceeded in KBA-11-34;
- 1,1-Dichloroethane (5 ug/L) and Benzene (8 ug/L) was exceeded in PS-2;
- Chlorobenzene (2 ug/L) was exceeded in KBA-11-37.

Chlorinated hydrocarbons tetrachloroethene and its degradation constituent trichloroethene, cis-dichloroethene, and vinyl chloride are the most common constituents exceeding the Groundwater Protection Standard at Site 11.

Tetrachloroethene was the only constituent exceeding the Groundwater Protection Standard at source area well KBA-11-34.

Immediately downgradient to the source area at well KBA-11-13A, tetrachloroethene remains below the standard and cis-1,2-dichloroethene, trichloroethene, and vinyl chloride remain above the standard (Figures 2 and 3). There is a gradual decrease in cis-1, 2-dichloroethene, trichloroethene and vinyl chloride at KBA-11-13A and the concentrations should decrease further as treated groundwater from the source area moves through the vicinity of KBA-11-13A. Chlorobenzene in KBA-11-13A also exceeds the Groundwater Protection Standard.

Piezometer PS-2 continues to show detectable levels of chlorinated and volatile compounds and exceeds the standard for 1,1-dichloroethene and benzene and meets the standard for vinyl chloride.

Offsite well KBA-11-37 shows detectable levels of both chlorinated and volatile compounds with only chlorobenzene exceeding the standard.

Offsite well KBA-11-16 showed detectable concentrations of cis-1,2-dichloroethene, and 1,1-dichloroethane, and vinyl chloride with only 1, 1 – dichloroethane exceeding the standard.

Wells KBA-11-02, KB-11-15 and KB-11-17B showed all constituents as not detected.

Appendix IX Analyses – Wells requiring Appendix IX analyses were not sampled this quarter in accordance with the Groundwater Monitoring Plan. Table 5 summarizes the results of Appendix IX analyses from the August 1999.

2.5 GROUNDWATER RECOVERY AND TREATMENT SYSTEM

The groundwater recovery and treatment system was not operational during this quarter. Therefore no sampling and analyses of the effluent was required.

3.0 OBSERVATIONS AND RECOMMENDATIONS

3.1 OBSERVATIONS

General

(1) Wells are in good condition and are functioning adequately for evaluating the hydrologic conditions and groundwater quality at Site 11 and the Crooked River Plantation Subdivision downgradient of the site.

(2) Water quality parameters observed during well purging stabilized after 6 to 8 gal of water were removed from the well.

(3) Source area well KBA-11-34 and downgradient well KBA-11-13A continue to show the highest concentration of dissolved VOCs onsite and one downgradient, offsite well, KBA-11-37, showed chlorobenzene above the criteria. Concentrations of chlorinated hydrocarbons immediately downgradient to the source area show a general decrease with time. Two downgradient, off site wells, KBA-11-37 and KBA-11-16 show chlorobenzene and 1, 1 – dichloroethane above the criteria; respectively.

3.2 RECOMMENDATIONS

Continue quarterly groundwater monitoring as scheduled in the Groundwater Monitoring Plan. The next sampling event is scheduled for May 2000. Wells scheduled for sampling, as stated in the groundwater monitoring plan, include KBA-11-2; KBA-11-13A; KBA-11-16; KBA-11-34; KBA-11-37; and PS-2.

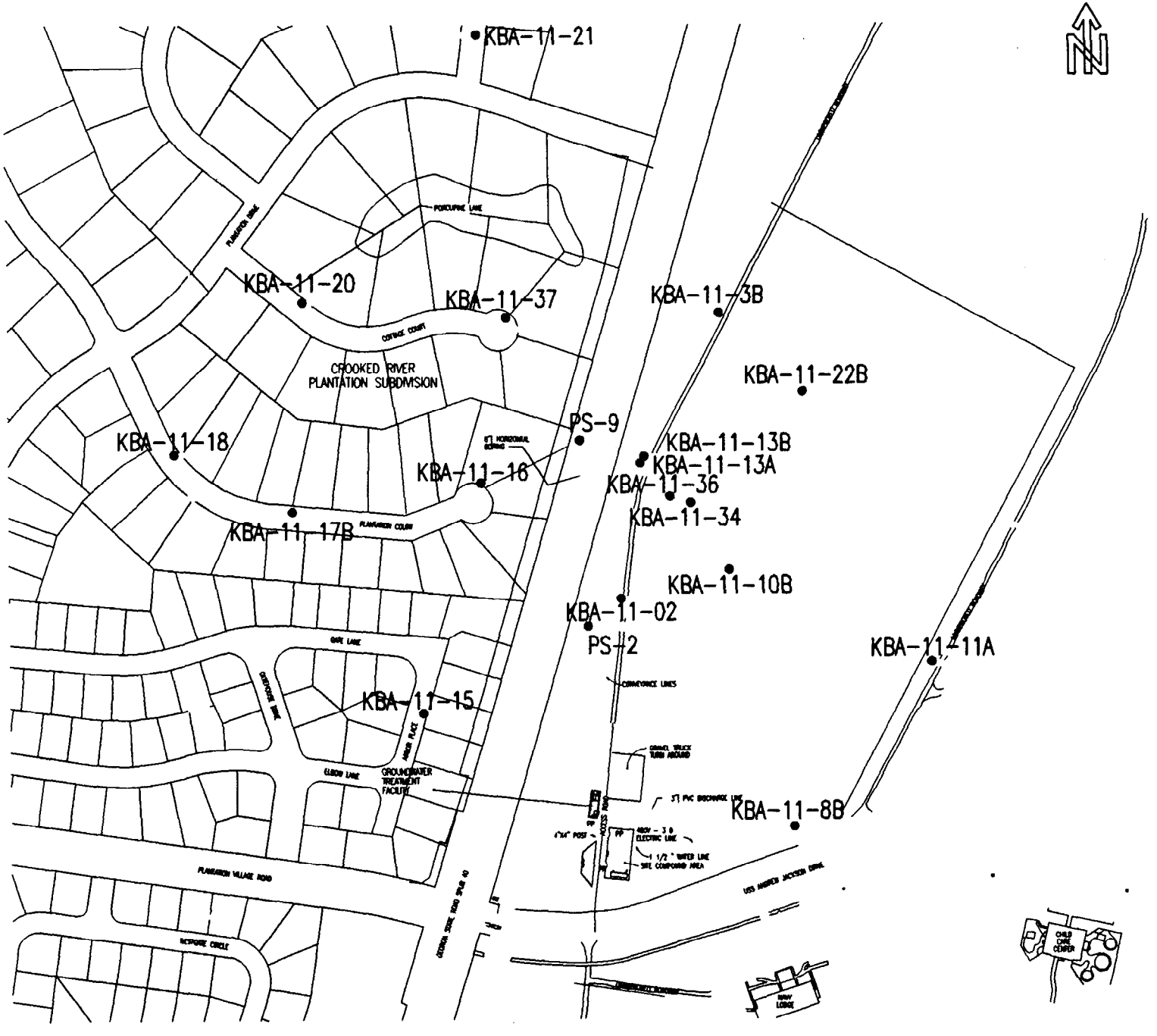
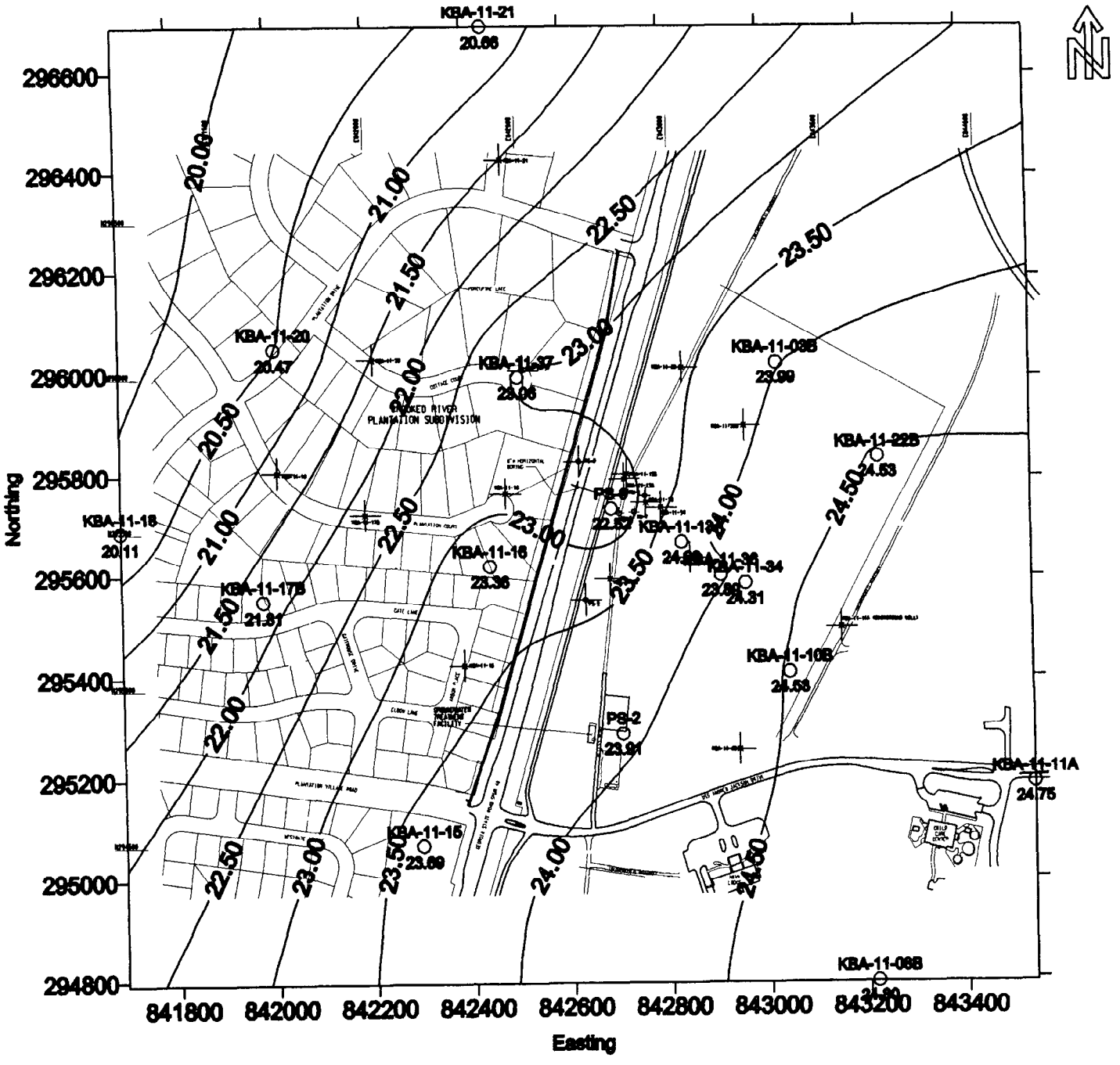


Figure 1 - Site Map



Groundwater Elevation Map - February 2000 Contour Interval = 0.5 ft

FIGURE 2 – GROUNDWATER ELL .ATION MAP – FEBRUARY 2000

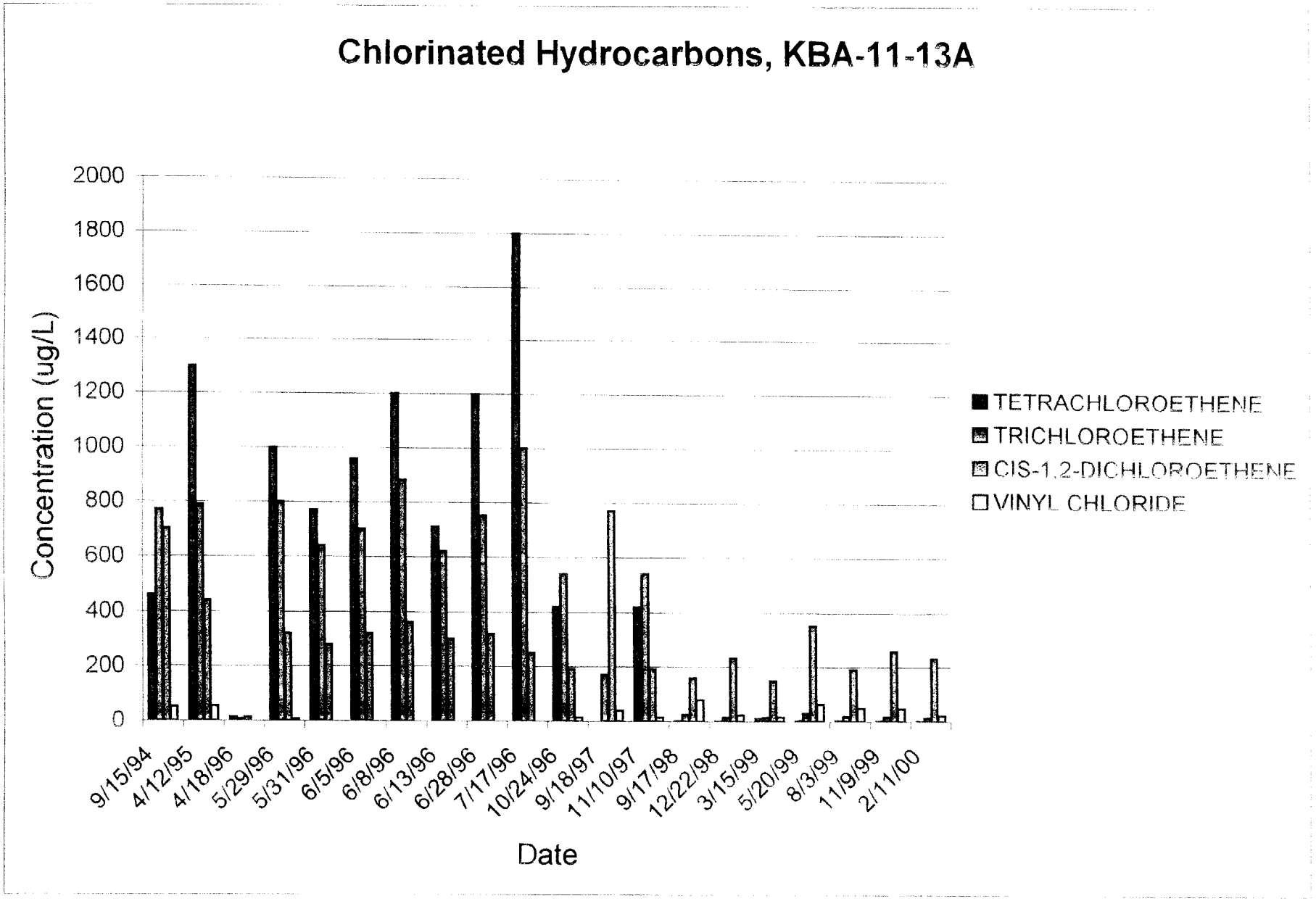
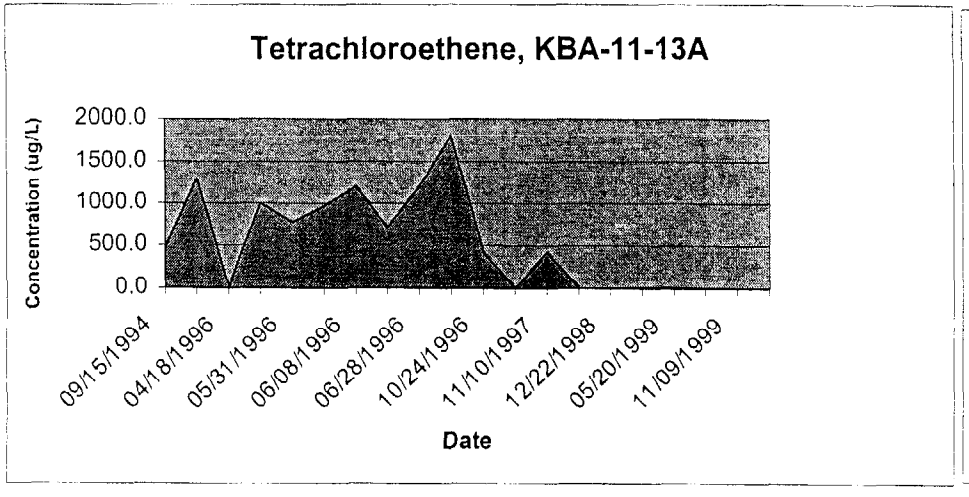
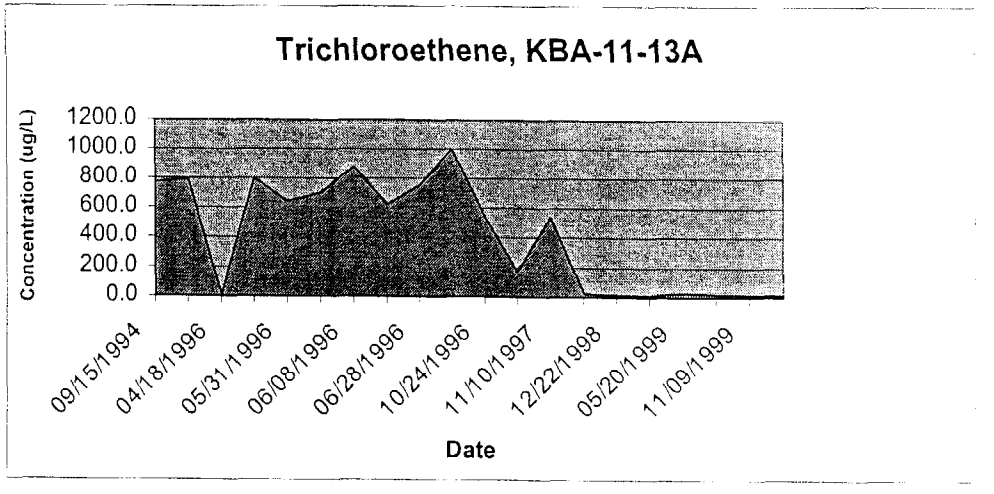
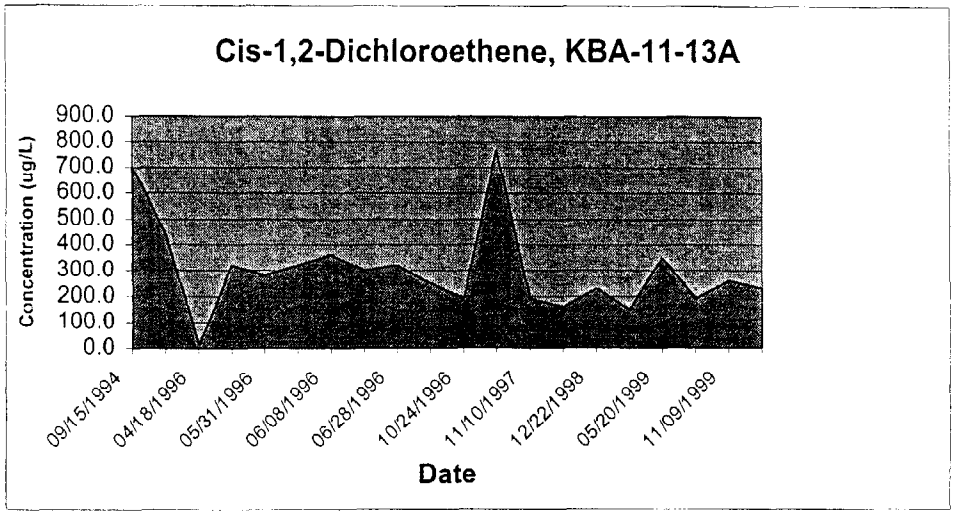


FIGURE 3 - CHLORINATED HYDROCARBONS, KBA-11-13A







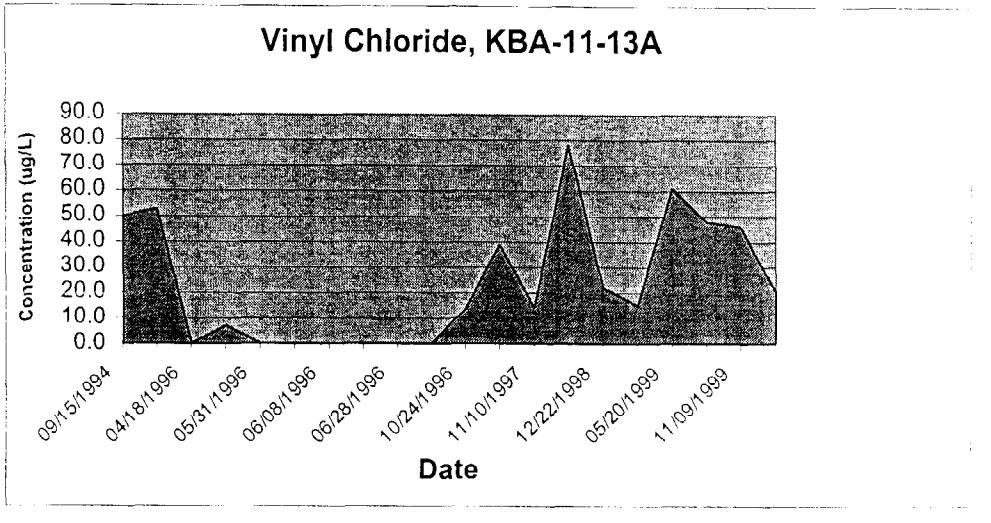


FIGURE 4 - CHLORINATED HYDROCARBON TRENDS, WELL KBA-11-13A

Table 1
Headspace Readings

Well Identification	Date	PID Measurement (ppm)
KBA-11-02	2-1-00	0.1
	11-8-99	0.7
	8-3-99	NM
KBA-11-03B	2-1-00	NM
	11-8-99	2.0
	8-3-99	0.2
KBA-11-08B	2-1-00	NM
	11-8-99	1.5
	8-3-99	0.0
KBA-11-10B	2-1-00	NM
	11-8-99	5
	8-2-99	1.9
KBA-11-11A	2-1-00	NM
	11-8-99	4.5
	8-3-99	0.3
KBA-11-13A	2-4-00	0
	11-8-99	2
	8-3-99	13
KBA-11-13B	2-1-00	NM
	11-8-99	2
	8-3-99	0
KBA-11-15	2-7-00	0
	11-9-99	2.5
	8-17-99	2,200
KBA-11-16	2-7-00	0
	11-9-99	1
	8-17-99	3,500

NM = not measured PID = photo ionization detector

Table 1 continued on following page

Table 1 continued
Headspace Readings

Well Identification	Date	PID Measurement (ppm)
KBA-11-17B	2-7-00	0
	11-9-99	5
	8-17-99	2,700
KBA-11-18	2-1-00	NM
	11-9-99	11
	8-17-99	3,600
KBA-11-21	2-1-00	NM
	11-9-99	7.5
	8-3-99	3
KBA-11-22B	2-1-00	NM
	11-8-99	0.6
	8-3-99	7
KBA-11-34	2-7-00	0.4
	11-8-99	2
	8-3-99	1,400
KBA-11-36	2-1-00	NM
	11-8-99	0.6
	8-3-99	10
KBA-11-37	2-8-00	0
	11-9-99	3
	8-16-99	400
PS-2	2-7-00	0
	11-8-99	0.5
	8-16-99	NM
PS-9	2-1-00	NM
	11-8-99	NM
	8-16-99	NM

NM = not measured PID = photo ionization detector

Table 2
Well Measurements

Well Identification	Date	Top of Casing Elevation (ft MSL)	Depth to Water (ft btoc)	Water Elevation (ft MSL)	Constructed Depth (ft btoc)	Measured Depth (ft btoc)
KBA-11-02	2-4-00	36.02	11.5	24.52	15.00	15.3
	11-8-99		9.61	26.41		15.19
	8-2-99		11.37	24.65		15.42
KBA-11-03B	2-24-00	33.49	9.5	23.99	47.00	49.10
	11-8-99		8.54	24.95		47.77
	8-2-99		10.01	23.48		47.82
KBA-11-08B	2-24-00	38.20	13.40	24.80	43.00	44.90
	11-8-99		12.04	26.16		43.75
	8-2-99		13.74	24.46		43.77
KBA-11-10B	2-24-00	38.03	13.50	24.53	51.50	53.0
	11-8-99		12.31	25.72		51.62
	8-2-99		13.90	24.13		51.67
KBA-11-11A	2-24-00	35.85	11.10	24.75	37.00	37.20
	11-8-99		9.61	24.42		37.12
	8-2-99		11.40	24.45		37.12
KBA-11-13A	2-4-00	34.20	10.2	24.00	42.50	42.4
	11-8-99		9.25	24.95		42.75
	8-2-99		10.77	23.43		42.52
KBA-11-13B	2-24-00	34.86	13.60	21.26	90.70	91.40
	11-8-99		12.88	21.98		90.72
	8-2-99		14.27	20.59		90.77
KBA-11-15	2-7-00	28.49	4.8	23.69	39.00	39.00
	11-9-99		4.07	24.42		39.17
	8-2-99		5.60	22.89		39.22
KBA-11-16	2-7-00	28.66	5.3	23.36	44.90	45.3
	11-9-99		4.73	23.93		44.72
	8-2-99		6.17	22.49		44.77
KBA-11-17B	2-7-00	25.41	3.6	21.81	44.80	44.4
	11-9-99		3.03	22.38		44.67
	8-2-99		4.61	20.80		44.72

ft = feet MSL – mean sea level btoc – below top of casing

Table 2 continued on following page

Table 2 - Continued
Well Measurements

Well Identification	Date	Top of Casing Elevation (ft MSL)	Depth to Water (ft btoc)	Water Elevation (ft MSL)	Constructed Depth (ft btoc)	Measured Depth (ft btoc)
KBA-11-18	2-25-00	22.81	2.70	20.11	45.80	46.80
	11-9-99		2.05	20.76		45.77
	8-2-99		3.67	19.14		45.82
KBA-11-20	2-25-00	23.07	2.60	20.47	40.00	40.90
	11-9-99		1.94	21.13		40.12
	8-2-99		3.22	19.85		40.12
KBA-11-21	2-25-00	23.56	2.90	20.66	40.40	41.80
	11-9-99		2.4	21.16		40.57
	8-2-99		3.75	19.81		40.57
KBA-11-22B	2-25-00	36.13	11.6	24.53	52.60	53.60
	11-8-99		10.34	25.79		52.59
	8-2-99		11.92	24.21		52.62
KBA-11-34	2-7-00	37.51	13.2	24.31	40 est	41.04
	11-8-99	37.51	12.18	25.33		41.07
	8-2-99		13.75	23.76		41.07
KBA-11-36	2-24-00	37.91	14.02	23.91	40 est	42.50
	11-8-99		12.84	25.07		41.65
	8-2-99		14.34	23.57		41.67
KBA-11-37	2-8-00	26.26	3.2	23.06	38.50	38.4
	11-9-99	26.26	2.86	23.4	38.50	38.46
	8-16-99		4.15	22.11		38.57
PS-2	2-7-00	32.71	8.8	23.91	40 67	36.8
	11-8-99	32.71	7.80	24.91	40 67	37.47
	8-17-99		9.6	23.11		39.6est
PS-9	2-25-00	28.72	6.20	22.52	35.45	34.50
	8-20-99		5.89	22.83		34.82

ft = feet MSL – mean sea level btoc – below top of casing

Table 3
Well Purge Parameters

Well Identification	Date	Volume Purged (gal)	Temper-ature (°C)	pH	Oxygen Reduction Potential (mv)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
KBA-11-02	2-4-00	3	22.7	5.00	-258	0.604	12	1.70
	11-9-99	6	23.4	5.94	-160	0.527	3	0.51
	8-3-99	7	25.2	5.63	-199	0.713	0	NM
KBA-11-10B	8-2-99	6	25.6	5.14	-221	0.304	2	NM
KBA-11-13A	2-4-00	8	22.3	6.68	-217	0.503	10	1.17
	11-9-99	8	23	5.54	-142	0.467	2	0.78
	8-3-99	6	24.3	5.50	-210	0.463	17	NM
KBA-11-13B	8-3-99	8	24.9	7.15	-43	0.267	0	NM
KBA-11-15	2-7-00	7	20.8	5.04	-313	0.536	5	1.43
	8-3-99	6	25	4.90	-182	0.677	9	NM
KBA-11-16	2-7-00	7	22.8	5.40	-275	0.364	8	1.09
	11-9-99	8	24	4.89	-104	0.263	20	0.57
	8-3-99	7	26.8	4.76	-111	0.171	35	NM
KBA-11-17B	2-7-00	7	21.9	5.40	-287	0.135	3	1.08
	8-3-99	8	24.7	4.48	-112	0.118	6	NM
KBA-11-34	2-7-00	8	24.9	2.81	-184	2.19	9	2.43
	11-9-99	8	27.2	3.58	-134	2.26	9	0.44
	8-3-99	6	30.5	3.20	-300	2.36	13	NM
KBA-11-37	2-8-00	8	21.3	6.1	-323	0.562	6	1.45
	11-9-99	8	24.2	5.37	-200	0.573	12	0.46
	8-16-99	9	25.5	5.52	-227	0.517	15	NM
PS-2	2-7-00	8	19.5	4.93	-387	0.355	10	1.43
	11-9-99	8	22	4.87	-144	0.363	2	0.35
	8-18-99	7	23.2	4.95	-213	0.381	10	NM

°C = degrees centigrade
mv = millivolts
mS/cm = microseimens per centimeter
NTU = nephelometric turbidity units
mg/L = milligrams per liter
NM = not measured

Table 4
Analytical Summary, Groundwater Protection Standard

Groundwater Protection Standard	**Criteria (µg/L)**	**KBA-11-02**			**KBA-11-10B**	**KBA-11-11A**	**KBA-11-13A**			
Date		2-11-00	11-9-99	8-3-99	8-2-99	8-2-99	2-11-00	11-9-99	11-9-99 (Duplicate)	8-3-99
Tetrachloroethene	5.0	1.0U	3.0U	3.0U	3.0U	3.0U	1.0U	30U	3.0U	3.0U
Trichloroethene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	**14.0**	**15I**	**17**	**19**
Cis -1,2-dichloroethene	70	1.0U	1.0U	1.0U	1.6I	1.0U	**230**	**260**	**210**	**190**
Trans-1,2 dichloroethene	100	1.0U	1.0U	1.0U	1.0U	1.0U	6.0	10U	6.6	7.4
1,1-dichloroethene	7.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	10U	1.0U	1.0U
1,1-dichloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	10U	1.0U	1.0U
1,2-dichloroethane	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	10U	1.0U	1.0U
Vinyl Chloride	2.0	1.0U	1.0U	1.0U	1.0U	1.0U	**20.0**	**46**	**42**	**48**
Chloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	10U	1.0U	1.0U
Benzene	5.0	1.0U	1.0U	1.0U	1.6	1.0U	2.0	10U	1.3I	1.1I
Ethylbenzene	700	1.0U	1.0U	1.0U	10	1.0U	64.0	65	92	66
Toluene	1,000	1.0U	1.0U	1.0U	1.0U	1.0U	2.0	10U	4.2	2.7
Total xylenes	10,000	3.0U	3.0U	3.0U	3.0U	3.0U	23.0	24I	49	14.4
Chlorobenzene	1.0	1.0U	1.0U	1.0U	**2.5**	1.0U	**6.0**	10U	**8.2**	**6.2**
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	1.5	1.0U	4.0	10U	5.2	4.0

Notes: I = analyte detected; value is between the method detection level (MDL) and the practical quantitation level (PQL).
U = compound was analyzed for but not detected to the level shown.
BOLD indicates result exceeds the groundwater protection standard.

Table 4 Continued
Analytical Summary, Groundwater Protection Standard

Groundwater Protection Standard	Criteria (µg/L)	KBA-11-13B	KBA-11-15			KBA-11-16		
Date		8-3-99	2-11-00	2-11-00 (Duplicate)	8-3-99	2-11-00	11-9-99	8-3-99
Tetrachloroethene	5.0	3.0U	1.0	1.0	3.0U	1.0U	3.0U	3.0U
Trichloroethene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Cis -1,2-dichloroethene	70	1.0U	0.9I	1.0	1.0U	14.0	3.6	1.0U
Trans-1,2 dichloroethene	100	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-dichloroethene	7.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-dichloroethane	1.0	1.0U	1.0U	1.0U	1.0U	**5.0**	1.6I	1.0U
1,2-dichloroethane	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Vinyl Chloride	2.0	1.0U	1.0U	1.0U	1.0U	1.0	1.4I	1.0U
Chloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Benzene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	700	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Toluene	1,000	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Total xylenes	10,000	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U
Chlorobenzene	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes: I = analyte detected; value is between the method detection level (MDL) and the practical quantitation level (PQL).
U = compound was analyzed for but not detected to the level shown.
BOLD indicates result exceeds the groundwater protection standard.

Table 4 Continued
Analytical Summary, Groundwater Protection Standard

Groundwater Protection Standard	Criteria (µg/L)	KBA-11-17B		KBA-11-34			KBA-11-37			PS-2		
Date		2-11-00	8-3-99	2-11-00	11-9-99	8-3-99	2-11-00	11-9-99	8-16-99	2-11-00	11-9-99	8-17-99
Tetrachloroethene	5.0	1.0U	3.0U	**83.0**	**22**	**17**	1.0U	3.0U	3.0U	1.0U	3.0U	3.0U
Trichloroethene	5.0	1.0U	1.0U	2.0	1.0U	1.0U	1.0U	1.0U	1.0U	2.0	1.4I	1.3I
Cis -1,2-dichloroethene	70	1.0U	1.0U	1.0U	1.0U	1.0U	16.0	17	24	52.0	40	41
Trans-1,2 dichloroethene	100	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-dichloroethene	7.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-dichloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	**5.0**	**5.1**	**5.6**
1,2-dichloroethane	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Vinyl Chloride	2.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.4I	**2.5I**	**2.0**	**2.9**	3.2I
Chloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Benzene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	2.0	2.0	2.1	**8.0**	**9.4**	**9.1**
Ethylbenzene	700	1.0U	1.0U	1.0U	1.0U	1.0U	9.0	14	15	14.0	16	10
Toluene	1,000	1.0U	1.0U	1.0U	1.0U	1.0U	1.0	1.0U	1.0U	37.0	57	43
Total xylenes	10,000	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	40.0	47	29
Chlorobenzene	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	**2.0**	**3.1**	**2.9**	1.0U	1.0U	1.0U
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	1.0U	1.0U	3.0	4.7	3.6	1.0U	1.0U	1.0U

Notes: I = analyte detected; value is between the method detection level (MDL) and the practical quantitation level (PQL).
U = compound was analyzed for but not detected to the level shown.
BOLD indicates result exceeds the groundwater protection standard.

Table 5
Appendix IX Analyses Summary

Appendix IX Constituents	KBA-11-11A Background Well Sample ID KB20015 GWT	KBA-11-13A Downgradient Well Sample ID KB20010 GWT
Date Collected	8-19-99	8-3-99
Volatile Organic (µg/L) (only detectable compounds shown)		
Vinyl Chloride	1.0U	49.6
Trichlororethene	1.0U	22.7
Toluene	1.0U	3.5
Chlorobenzene	1.0U	5.8
Ethylbenzene	1.0U	79.6
Xylenes (total)	3.0U	19.5
Trans-1,2-dichloroethene	1.0U	4.7
Cis-1,2-dichloroethene	1.0U	234 E
Semivolatile Organic (µg/L)		
Naphthalene	10.4U	18.3
Dioxins/furans (NG/L)		
All below detection limit	10.0 U	10.0U
Pesticide/PCBs/Herbicides Organics (µg/L)		
All below detection limit		
Inorganics (µg/L)		
Antimony	2.9	2.9
Arsenic	2.7	2.7
Barium	8.2	15.8
Berylium	0.32	0.09
Cadmium	0.36	0.36
Chromium	1.3	2.5
Cobalt	0.84	0.84
Copper	1.7	6.2
Lead	1.9	2.8
Mercury	0.04	0.04
Nickel	1.0	12.7
Selenium	2.9	2.9
Silver	0.9	3.1
Thallium	4.4	3.9
Tin	2.0	2.0
Vanadium	1.1	5.5
Zinc	4.9	18.3
General Chemistry (mg/L)		
Cyanides	0.00	0.00
Sulfides	0.45	1.1

Notes: U = compound was analyzed for but not detected to the level shown.
E = estimated value.
NG/L = nanograms per liter; µg/L = micro grams per liter;
mg/L = milli grams per liter

APPENDIX A

ANALYTICAL TABULATION AND REPORTS

Groundwater Protection Standard Analyses
KBA-11-02, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-02	01/12/1993	1,1-DICHLOROETHANE	5.0	U	1
KBA-11-02	01/12/1993	1,1-DICHLOROETHANE	5.0	U	1
KBA-11-02	01/07/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	01/07/1994	1,1-DICHLOROETHANE	2.0	UR	1
KBA-11-02	04/09/1994	1,1-DICHLOROETHANE	2.0	U	1
KBA-11-02	09/15/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	04/11/1995	1,1-DICHLOROETHANE	0.2	J	1
KBA-11-02	04/18/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-02	08/03/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	11/09/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	02/11/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	01/12/1993	1,1-DICHLOROETHENE	5.0	U	7
KBA-11-02	01/12/1993	1,1-DICHLOROETHENE	5.0	U	7
KBA-11-02	01/07/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	01/07/1994	1,1-DICHLOROETHENE	2.0	UR	7
KBA-11-02	04/09/1994	1,1-DICHLOROETHENE	2.0	U	7
KBA-11-02	09/15/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	04/11/1995	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-02	04/18/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-02	08/03/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	11/09/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	02/11/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	01/12/1993	1,2-DICHLOROETHANE	5.0	U	5
KBA-11-02	01/12/1993	1,2-DICHLOROETHANE	5.0	U	5
KBA-11-02	08/03/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-02	11/09/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-02	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-02	01/12/1993	1,4-DICHLOROBENZENE	5.0	U	75
KBA-11-02	01/12/1993	1,4-DICHLOROBENZENE	5.0	U	75
KBA-11-02	01/12/1993	1,4-DICHLOROBENZENE	5.0		75
KBA-11-02	01/12/1993	1,4-DICHLOROBENZENE	5.0		75
KBA-11-02	09/15/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-02	09/15/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	04/11/1995	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	04/11/1995	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	08/03/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	11/09/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	02/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	01/12/1993	BENZENE	5.0	U	5
KBA-11-02	01/12/1993	BENZENE	5.0	U	5
KBA-11-02	01/07/1994	BENZENE	1.0	U	5
KBA-11-02	01/07/1994	BENZENE	2.0	UR	5
KBA-11-02	04/09/1994	BENZENE	2.0	U	5
KBA-11-02	09/15/1994	BENZENE	1.0	U	5
KBA-11-02	04/11/1995	BENZENE	0.2	J	5
KBA-11-02	04/18/1996	BENZENE	0.0	U	5
KBA-11-02	08/03/1999	BENZENE	1.0	U	5
KBA-11-02	11/09/1999	BENZENE	1.0	U	5
KBA-11-02	02/11/2000	BENZENE	1.0	U	5
KBA-11-02	01/12/1993	CHLOROBENZENE	5.0	U	1
KBA-11-02	01/12/1993	CHLOROBENZENE	5.0	U	1
KBA-11-02	01/07/1994	CHLOROBENZENE	1.0	U	1
KBA-11-02	01/07/1994	CHLOROBENZENE	2.0	UR	1

U = compound was analyzed for but not detected to the level shown.
J = estimated value.
BOLD indicates result exceeds the Groundwater Protection Standard.

Groundwater Protection Standard Analyses
KBA-11-02, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-02	04/09/1994	CHLOROBENZENE	2.0	U	1
KBA-11-02	09/15/1994	CHLOROBENZENE	1.0	U	1
KBA-11-02	04/11/1995	CHLOROBENZENE	0.0	U	1
KBA-11-02	04/18/1996	CHLOROBENZENE	0.0	U	1
KBA-11-02	08/03/1999	CHLOROBENZENE	1.0	U	1
KBA-11-02	11/09/1999	CHLOROBENZENE	1.0	U	1
KBA-11-02	02/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-02	01/12/1993	CHLOROETHANE	10.0	U	1
KBA-11-02	01/12/1993	CHLOROETHANE	10.0	U	1
KBA-11-02	**01/07/1994**	**CHLOROETHANE**	**3.0**		**1**
KBA-11-02	01/07/1994	CHLOROETHANE	2.0	R	1
KBA-11-02	04/09/1994	CHLOROETHANE	2.0	U	1
KBA-11-02	09/15/1994	CHLOROETHANE	1.0	U	1
KBA-11-02	04/11/1995	CHLOROETHANE	0.0	U	1
KBA-11-02	04/18/1996	CHLOROETHANE	0.0	U	1
KBA-11-02	08/03/1999	CHLOROETHANE	1.0	U	1
KBA-11-02	11/09/1999	CHLOROETHANE	1.0	U	1
KBA-11-02	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-02	01/07/1994	CIS-1,2-DICHLOROETHENE	5.0		70
KBA-11-02	01/07/1994	CIS-1,2-DICHLOROETHENE	5.0	R	70
KBA-11-02	04/09/1994	CIS-1,2-DICHLOROETHENE	10.0		70
KBA-11-02	09/15/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	04/11/1995	CIS-1,2-DICHLOROETHENE	0.2	J	70
KBA-11-02	04/18/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-02	08/03/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	11/09/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	02/11/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	01/12/1993	ETHYLBENZENE	5.0	U	700
KBA-11-02	01/12/1993	ETHYLBENZENE	5.0	U	700
KBA-11-02	01/07/1994	ETHYLBENZENE	1.0	U	700
KBA-11-02	01/07/1994	ETHYLBENZENE	2.0	UR	700
KBA-11-02	04/09/1994	ETHYLBENZENE	2.0	U	700
KBA-11-02	09/15/1994	ETHYLBENZENE	1.0	U	700
KBA-11-02	04/11/1995	ETHYLBENZENE	0.0	U	700
KBA-11-02	04/18/1996	ETHYLBENZENE	0.0	U	700
KBA-11-02	08/03/1999	ETHYLBENZENE	1.0	U	700
KBA-11-02	11/09/1999	ETHYLBENZENE	1.0	U	700
KBA-11-02	02/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-02	01/12/1993	TETRACHLOROETHENE	5.0	U	5
KBA-11-02	01/12/1993	TETRACHLOROETHENE	5.0	U	5
KBA-11-02	01/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	01/07/1994	TETRACHLOROETHENE	2.0	UR	5
KBA-11-02	04/09/1994	TETRACHLOROETHENE	2.0	U	5
KBA-11-02	09/15/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	04/11/1995	TETRACHLOROETHENE	0.0	U	5
KBA-11-02	04/18/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-02	08/03/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-02	11/09/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-02	02/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	01/12/1993	TOLUENE	2.0	J	1000
KBA-11-02	01/12/1993	TOLUENE	2.0	J	1000
KBA-11-02	01/07/1994	TOLUENE	1.0	U	1000
KBA-11-02	01/07/1994	TOLUENE	2.0	UR	1000
KBA-11-02	04/09/1994	TOLUENE	0.7	J	1000
KBA-11-02	09/15/1994	TOLUENE	1.0	U	1000

U = compound was analyzed for but not detected to the level shown.
J = estimated value.
BOLD indicates result exceeds the Groundwater Protection Standard.

Groundwater Protection Standard Analyses
KBA-11-02, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-02	04/11/1995	TOLUENE	0.0	U	1000
KBA-11-02	04/18/1996	TOLUENE	0.0	U	1000
KBA-11-02	08/03/1999	TOLUENE	1.0	U	1000
KBA-11-02	11/09/1999	TOLUENE	1.0	U	1000
KBA-11-02	02/11/2000	TOLUENE	1.0	U	1000
KBA-11-02	01/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	01/07/1994	TRANS-1,2-DICHLOROETHENE	2.0	UR	100
KBA-11-02	04/09/1994	TRANS-1,2-DICHLOROETHENE	2.0	U	100
KBA-11-02	09/15/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	04/11/1995	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-02	04/18/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-02	08/03/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	11/09/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	01/12/1993	TRICHLOROETHENE	5.0	U	5
KBA-11-02	01/12/1993	TRICHLOROETHENE	5.0	U	5
KBA-11-02	01/07/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-02	01/07/1994	TRICHLOROETHENE	2.0	UR	5
KBA-11-02	04/09/1994	TRICHLOROETHENE	2.0	U	5
KBA-11-02	09/15/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-02	04/11/1995	TRICHLOROETHENE	0.2	J	5
KBA-11-02	04/18/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-02	08/03/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-02	11/09/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-02	02/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-02	**01/12/1993**	**VINYL CHLORIDE**	**100.0**		**2**
KBA-11-02	**01/12/1993**	**VINYL CHLORIDE**	**85.0**		**2**
KBA-11-02	**01/07/1994**	**VINYL CHLORIDE**	**25.0**		**2**
KBA-11-02	01/07/1994	VINYL CHLORIDE	23.0	R	2
KBA-11-02	**04/09/1994**	**VINYL CHLORIDE**	**33.0**		**2**
KBA-11-02	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-02	**04/11/1995**	**VINYL CHLORIDE**	**2.0**		**2**
KBA-11-02	04/18/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-02	08/03/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-02	11/09/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-02	02/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-02	01/12/1993	XYLENES, TOTAL	2.0	J	10000
KBA-11-02	01/12/1993	XYLENES, TOTAL	2.0	J	10000
KBA-11-02	01/07/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-02	01/07/1994	XYLENES, TOTAL	2.0	UR	10000
KBA-11-02	04/09/1994	XYLENES, TOTAL	2.0	U	10000
KBA-11-02	09/15/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-02	04/11/1995	XYLENES, TOTAL	0.2	J	10000
KBA-11-02	04/18/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-02	08/03/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	11/09/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	02/11/2000	XYLENES, TOTAL	3.0	U	10000

U = compound was analyzed for but not detected to the level shown.
J = estimated value.
BOLD indicates result exceeds the Groundwater Protection Standard.

Groundwater Protection Standard Analyses
KBA-11-10B, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-10B	01/08/1994	1,1-DICHLOROETHANE	0.8	J	1
KBA-11-10B	04/05/1994	1,1-DICHLOROETHANE	0.6	J	1
KBA-11-10B	09/16/1994	1,1-DICHLOROETHANE	0.9	J	1
KBA-11-10B	04/12/1995	1,1-DICHLOROETHANE	0.7	J	1
KBA-11-10B	04/18/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	05/29/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	06/13/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	07/17/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	10/22/1996	1,1-DICHLOROETHANE	0.5	J	1
KBA-11-10B	08/02/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-10B	01/08/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	04/05/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	09/16/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	04/12/1995	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	04/18/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	05/29/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	06/13/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	07/17/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	10/22/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	08/02/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	08/02/1999	1,2-DICHLOROENTHANE	1.0	U	5
KBA-11-10B	09/16/1994	1,4-DICHLOROBENZENE	1.0	J	75
KBA-11-10B	09/16/1994	1,4-DICHLOROBENZENE	2.0		75
KBA-11-10B	04/12/1995	1,4-DICHLOROBENZENE	0.0		75
KBA-11-10B	04/12/1995	1,4-DICHLOROBENZENE	0.0		75
KBA-11-10B	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	05/29/1996	1,4-DICHLOROBENZENE	1.0		75
KBA-11-10B	05/29/1996	1,4-DICHLOROBENZENE	1.0		75
KBA-11-10B	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	08/02/1999	1,4-DICHLOROBENZENE	1.5	U	75
KBA-11-10B	01/08/1994	BENZENE	2.0		5
KBA-11-10B	04/05/1994	BENZENE	1.0		5
KBA-11-10B	09/16/1994	BENZENE	2.0		5
KBA-11-10B	04/12/1995	BENZENE	2.0		5
KBA-11-10B	04/18/1996	BENZENE	0.0	U	5
KBA-11-10B	05/29/1996	BENZENE	1.0		5
KBA-11-10B	06/13/1996	BENZENE	1.0		5
KBA-11-10B	07/17/1996	BENZENE	4.0	J	5
KBA-11-10B	10/22/1996	BENZENE	2.1		5
KBA-11-10B	08/02/1999	BENZENE	1.6		5
KBA-11-10B	**01/08/1994**	**CHLOROBENZENE**	**2.0**		**1**
KBA-11-10B	04/05/1994	CHLOROBENZENE	1.0		1
KBA-11-10B	09/16/1994	CHLOROBENZENE	1.0		1
KBA-11-10B	04/12/1995	CHLOROBENZENE	0.0	U	1
KBA-11-10B	04/18/1996	CHLOROBENZENE	0.0	U	1
KBA-11-10B	05/29/1996	CHLOROBENZENE	1.0		1
KBA-11-10B	06/13/1996	CHLOROBENZENE	1.0		1
KBA-11-10B	**07/17/1996**	**CHLOROBENZENE**	**2.0**	**J**	**1**
KBA-11-10B	10/22/1996	CHLOROBENZENE	0.0	U	1
KBA-11-10B	**08/02/1999**	**CHLOROBENZENE**	**2.5**		**1**
KBA-11-10B	01/08/1994	CHLOROETHANE	1.0	U	1
KBA-11-10B	04/05/1994	CHLOROETHANE	1.0	U	1

I = analyte detected; value is between the dethod detection limit and the practical quantitation limit.
U = compound was analyzed for but not detected to the level shown.
J = estimated value.

Groundwater Protection Standard Analyses
KBA-11-10B, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-10B	09/16/1994	CHLOROETHANE	1.0	U	1
KBA-11-10B	04/12/1995	CHLOROETHANE	0.0	U	1
KBA-11-10B	04/18/1996	CHLOROETHANE	0.0	U	1
KBA-11-10B	05/29/1996	CHLOROETHANE	0.0	U	1
KBA-11-10B	06/13/1996	CHLOROETHANE	0.0	U	1
KBA-11-10B	07/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-10B	10/22/1996	CHLOROETHANE	0.0	U	1
KBA-11-10B	08/02/1999	CHLOROETHANE	2.0	U	1
KBA-11-10B	01/08/1994	CIS-1,2-DICHLOROETHENE	4.0		70
KBA-11-10B	04/05/1994	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	09/16/1994	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	04/12/1995	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	04/18/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-10B	05/29/1996	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	06/13/1996	CIS-1,2-DICHLOROETHENE	1.0		70
KBA-11-10B	07/17/1996	CIS-1,2-DICHLOROETHENE	3.0	J	70
KBA-11-10B	10/22/1996	CIS-1,2-DICHLOROETHENE	2.5		70
KBA-11-10B	08/02/1999	CIS-1,2-DICHLOROETHENE	1.6	I	70
KBA-11-10B	01/08/1994	ETHYLBENZENE	19.0		700
KBA-11-10B	04/05/1994	ETHYLBENZENE	12.0		700
KBA-11-10B	09/16/1994	ETHYLBENZENE	12.0		700
KBA-11-10B	04/12/1995	ETHYLBENZENE	12.0		700
KBA-11-10B	04/18/1996	ETHYLBENZENE	0.0	U	700
KBA-11-10B	05/29/1996	ETHYLBENZENE	7.0		700
KBA-11-10B	06/13/1996	ETHYLBENZENE	6.0		700
KBA-11-10B	07/17/1996	ETHYLBENZENE	7.0	J	700
KBA-11-10B	10/22/1996	ETHYLBENZENE	8.1		700
KBA-11-10B	08/02/1999	ETHYLBENZENE	10.0		700
KBA-11-10B	01/08/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-10B	04/05/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-10B	09/16/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-10B	04/12/1995	TETRACHLOROETHENE	0.1	J	5
KBA-11-10B	04/18/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	05/29/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	06/13/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	07/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	10/22/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	08/02/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-10B	01/08/1994	TOLUENE	0.5	J	1000
KBA-11-10B	04/05/1994	TOLUENE	0.7	J	1000
KBA-11-10B	09/16/1994	TOLUENE	1.0	U	1000
KBA-11-10B	04/12/1995	TOLUENE	0.0	U	1000
KBA-11-10B	04/18/1996	TOLUENE	0.0	U	1000
KBA-11-10B	05/29/1996	TOLUENE	0.0	U	1000
KBA-11-10B	06/13/1996	TOLUENE	0.0	U	1000
KBA-11-10B	07/17/1996	TOLUENE	0.0	U	1000
KBA-11-10B	10/22/1996	TOLUENE	0.2	J	1000
KBA-11-10B	08/02/1999	TOLUENE	1.0	U	1000
KBA-11-10B	01/08/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	04/05/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	09/16/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	04/12/1995	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	04/18/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	05/29/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100

I = analyte detected; value is between the dethod detection limit and the practical quantitation limit.
U = compound was analyzed for but not detected to the level shown.
J = estimated value.

Groundwater Protection Standard Analyses
KBA-11-10B, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-10B	06/13/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	07/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	10/22/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	08/02/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	01/08/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	04/05/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	09/16/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	04/12/1995	TRICHLOROETHENE	0.2	J	5
KBA-11-10B	04/18/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	05/29/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	06/13/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	07/17/1996	TRICHLOROETHENE	2.0	J	5
KBA-11-10B	10/22/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	08/02/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	01/08/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	04/05/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	09/16/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	04/12/1995	VINYL CHLORIDE	0.4	J	2
KBA-11-10B	04/18/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	05/29/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	06/13/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	07/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	10/22/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	08/02/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	01/08/1994	XYLENES, TOTAL	0.4	J	10000
KBA-11-10B	04/05/1994	XYLENES, TOTAL	3.0		10000
KBA-11-10B	09/16/1994	XYLENES, TOTAL	0.8	J	10000
KBA-11-10B	04/12/1995	XYLENES, TOTAL	2.0		10000
KBA-11-10B	04/18/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-10B	07/17/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-10B	10/22/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-10B	08/02/1999	XYLENES, TOTAL	3.0	U	10000

I = analyte detected; value is between the dethod detection limit and the practical quantitation limit.
U = compound was analyzed for but not detected to the level shown.
J = estimated value.

Groundwater Protection Standard Analyses
KBA-11-11A, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-11A	08/02/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	04/16/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-11A	09/14/1994	1,1-DICHLOROETHANE	1.0		1
KBA-11-11A	09/14/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	09/14/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	04/05/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	04/05/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	01/04/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	08/02/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	04/16/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-11A	09/14/1994	1,1-DICHLOROETHENE	1.0		7
KBA-11-11A	09/14/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	09/14/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	04/05/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	04/05/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	01/04/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	08/02/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-11A	08/02/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-11A	04/16/1996	1,4-DICHLOROBENZENE	0.0		75
KBA-11-11A	04/16/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-11A	09/14/1994	1,4-DICHLOROBENZENE	1.0		75
KBA-11-11A	09/14/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-11A	09/14/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-11A	09/14/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-11A	09/14/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-11A	08/02/1999	BENZENE	1.0	U	5
KBA-11-11A	04/16/1996	BENZENE	0.0	U	5
KBA-11-11A	09/14/1994	BENZENE	1.0	U	5
KBA-11-11A	09/14/1994	BENZENE	1.0	U	5
KBA-11-11A	04/05/1994	BENZENE	1.0	U	5
KBA-11-11A	04/05/1994	BENZENE	1.0	U	5
KBA-11-11A	01/04/1994	BENZENE	1.0	U	5
KBA-11-11A	08/02/1999	CHLOROBENZENE	1.0	U	1
KBA-11-11A	04/16/1996	CHLOROBENZENE	0.0	U	1
KBA-11-11A	09/14/1994	CHLOROBENZENE	1.0		1
KBA-11-11A	09/14/1994	CHLOROBENZENE	1.0	U	1
KBA-11-11A	09/14/1994	CHLOROBENZENE	1.0	U	1
KBA-11-11A	04/05/1994	CHLOROBENZENE	1.0	U	1
KBA-11-11A	04/05/1994	CHLOROBENZENE	1.0	U	1
KBA-11-11A	01/04/1994	CHLOROBENZENE	1.0	U	1
KBA-11-11A	08/02/1999	CHLOROETHANE	2.0	U	1
KBA-11-11A	04/16/1996	CHLOROETHANE	0.0	U	1
KBA-11-11A	09/14/1994	CHLOROETHANE	1.0		1
KBA-11-11A	09/14/1994	CHLOROETHANE	1.0	U	1
KBA-11-11A	09/14/1994	CHLOROETHANE	1.0	U	1
KBA-11-11A	04/05/1994	CHLOROETHANE	1.0	U	1
KBA-11-11A	04/05/1994	CHLOROETHANE	1.0	U	1
KBA-11-11A	01/04/1994	CHLOROETHANE	1.0	U	1
KBA-11-11A	08/02/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	04/16/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-11A	09/14/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	09/14/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	04/05/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	04/05/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	01/04/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70

U = compound was analyzed for but not detected to the level shown.
J = estimated value.
BOLD indicates results exceeds the Groundwater Protection Standard.

Groundwater Protection Standard Analyses
KBA-11-11A, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-11A	08/02/1999	ETHYLBENZENE	1.0	U	700
KBA-11-11A	04/16/1996	ETHYLBENZENE	0.0	U	700
KBA-11-11A	09/14/1994	ETHYLBENZENE	1.0	U	700
KBA-11-11A	09/14/1994	ETHYLBENZENE	1.0	U	700
KBA-11-11A	04/05/1994	ETHYLBENZENE	1.0	U	700
KBA-11-11A	04/05/1994	ETHYLBENZENE	1.0	U	700
KBA-11-11A	01/04/1994	ETHYLBENZENE	1.0	U	700
KBA-11-11A	08/02/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-11A	04/16/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-11A	09/14/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	09/14/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	04/05/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	04/05/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	01/04/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	08/02/1999	TOLUENE	1.0	U	1000
KBA-11-11A	04/16/1996	TOLUENE	0.0	U	1000
KBA-11-11A	09/14/1994	TOLUENE	1.0	U	1000
KBA-11-11A	09/14/1994	TOLUENE	1.0	U	1000
KBA-11-11A	04/05/1994	TOLUENE	1.0	U	1000
KBA-11-11A	04/05/1994	TOLUENE	1.0	U	1000
KBA-11-11A	01/04/1994	TOLUENE	1.0	U	1000
KBA-11-11A	08/02/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	04/16/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-11A	09/14/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	09/14/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	04/05/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	04/05/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	01/04/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	08/02/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	04/16/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-11A	09/14/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	09/14/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	04/05/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	04/05/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	01/04/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	08/02/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	04/16/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-11A	09/14/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	09/14/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	04/05/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	04/05/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	01/04/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	08/02/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-11A	04/16/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-11A	09/14/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	09/14/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	04/05/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	04/05/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	01/04/1994	XYLENES, TOTAL	1.0	U	10000

U = compound was analyzed for but not detected to the level shown.
J = estimated value.
BOLD indicates results exceeds the Groundwater Protection Standard.

Groundwater Protection Standard Analyses
KBA-11-13A, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	**04/09/1994**	**1,1-DICHLOROETHANE**	**83.0**	**U**	**1**
KBA-11-13A	**09/15/1994**	**1,1-DICHLOROETHANE**	**50.0**	**U**	**1**
KBA-11-13A	**04/12/1995**	**1,1-DICHLOROETHANE**	**3.0**		**1**
KBA-11-13A	**04/18/1996**	**1,1-DICHLOROETHANE**	**2.0**		**1**
KBA-11-13A	**05/29/1996**	**1,1-DICHLOROETHANE**	**1.0**		**1**
KBA-11-13A	05/31/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	06/05/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	06/08/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	06/13/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	06/28/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	07/17/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	10/24/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	09/18/1997	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	09/18/1997	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	08/03/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13A	11/09/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13A	02/11/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHENE**	**100.0**	**U**	**7**
KBA-11-13A	**04/09/1994**	**1,1-DICHLOROETHENE**	**83.0**	**U**	**7**
KBA-11-13A	**09/15/1994**	**1,1-DICHLOROETHENE**	**50.0**	**U**	**7**
KBA-11-13A	04/12/1995	1,1-DICHLOROETHENE	0.4	J	7
KBA-11-13A	04/18/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	05/29/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	05/31/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	06/05/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	06/08/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	06/13/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	06/28/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	07/17/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	10/24/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	09/18/1997	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	08/03/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13A	11/09/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13A	02/11/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13A	08/03/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13A	11/09/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13A	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13A	09/15/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-13A	09/15/1994	1,4-DICHLOROBENZENE	20.0	R	75
KBA-11-13A	09/15/1994	1,4-DICHLOROBENZENE	50.0	U	75
KBA-11-13A	04/12/1995	1,4-DICHLOROBENZENE	1.0	J	75
KBA-11-13A	04/12/1995	1,4-DICHLOROBENZENE	1.0	J	75
KBA-11-13A	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	05/29/1996	1,4-DICHLOROBENZENE	2.0		75
KBA-11-13A	05/29/1996	1,4-DICHLOROBENZENE	2.0		75
KBA-11-13A	05/31/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	05/31/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/05/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/05/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/08/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/08/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75

U = compound was analyzed for but not detected tp the level shown.
I = analyte detected; value is between the method detection limit and the practial quanititation limit.
J = estimeted value.
BOLD exceeds the GPS.

Groundwater Protection Standard Analyses
KBA-11-13A, Site 11 NSB Kings Bay

KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	06/28/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/28/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	08/03/1999	1,4-DICHLOROBENZENE	4.0		75
KBA-11-13A	11/09/1999	1,4-DICHLOROBENZENE	5.2		75
KBA-11-13A	02/11/2000	1,4-DICHLOROBENZENE	4.0		75
KBA-11-13A	**01/07/1994**	**BENZENE**	**100.0**	**U**	**5**
KBA-11-13A	**04/09/1994**	**BENZENE**	**83.0**	**U**	**5**
KBA-11-13A	**09/15/1994**	**BENZENE**	**50.0**	**U**	**5**
KBA-11-13A	04/12/1995	BENZENE	4.0		5
KBA-11-13A	04/18/1996	BENZENE	0.0	U	5
KBA-11-13A	05/29/1996	BENZENE	3.0		5
KBA-11-13A	05/31/1996	BENZENE	0.0	U	5
KBA-11-13A	06/05/1996	BENZENE	0.0	U	5
KBA-11-13A	06/08/1996	BENZENE	0.0	U	5
KBA-11-13A	06/13/1996	BENZENE	0.0	U	5
KBA-11-13A	06/28/1996	BENZENE	0.0	U	5
KBA-11-13A	07/17/1996	BENZENE	0.0	U	5
KBA-11-13A	10/24/1996	BENZENE	0.0	U	5
KBA-11-13A	09/18/1997	BENZENE	0.0	U	5
KBA-11-13A	09/18/1997	BENZENE	0.0	U	5
KBA-11-13A	08/03/1999	BENZENE	1.1	I	5
KBA-11-13A	11/09/1999	BENZENE	1.3	I	5
KBA-11-13A	02/11/2000	BENZENE	2.0		5
KBA-11-13A	**01/07/1994**	**CHLOROBENZENE**	**100.0**	**U**	**1**
KBA-11-13A	**04/09/1994**	**CHLOROBENZENE**	**83.0**	**U**	**1**
KBA-11-13A	**09/15/1994**	**CHLOROBENZENE**	**50.0**	**U**	**1**
KBA-11-13A	**04/12/1995**	**CHLOROBENZENE**	**2.0**		**1**
KBA-11-13A	04/18/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	**05/29/1996**	**CHLOROBENZENE**	**5.0**		**1**
KBA-11-13A	05/31/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	06/05/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	06/08/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	06/13/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	06/28/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	07/17/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	**10/24/1996**	**CHLOROBENZENE**	**5.0**	**J**	**1**
KBA-11-13A	09/18/1997	CHLOROBENZENE	0.0	U	1
KBA-11-13A	**08/03/1999**	**CHLOROBENZENE**	**6.2**		**1**
KBA-11-13A	**11/09/1999**	**CHLOROBENZENE**	**8.2**		**1**
KBA-11-13A	**02/11/2000**	**CHLOROBENZENE**	**6.0**		**1**
KBA-11-13A	**01/07/1994**	**CHLOROETHANE**	**200.0**	**U**	**1**
KBA-11-13A	**04/09/1994**	**CHLOROETHANE**	**170.0**	**U**	**1**
KBA-11-13A	**09/15/1994**	**CHLOROETHANE**	**50.0**	**U**	**1**
KBA-11-13A	04/12/1995	CHLOROETHANE	0.0	U	1
KBA-11-13A	04/18/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	05/29/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	05/31/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	06/05/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	06/08/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	06/13/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	06/28/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	07/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	10/24/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	09/18/1997	CHLOROETHANE	0.0	U	1

U = compound was analyzed for but not detected tp the level shown.
I = analyte detected; value is between the method detection limit and the practial quanititation limit.
J = estimeted value.
BOLD exceeds the GPS.

Groundwater Protection Standard Analyses
KBA-11-13A, Site 11 NSB Kings Bay

KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	08/03/1999	CHLOROETHANE	2.0	U	1
KBA-11-13A	11/09/1999	CHLOROETHANE	**1.0**	**U**	**1**
KBA-11-13A	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-13A	**09/15/1994**	**CIS-1,2-DICHLOROETHENE**	**700.0**		**70**
KBA-11-13A	**04/12/1995**	**CIS-1,2-DICHLOROETHENE**	**440.0**		**70**
KBA-11-13A	04/18/1996	CIS-1,2-DICHLOROETHENE	13.0		70
KBA-11-13A	**05/29/1996**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
KBA-11-13A	**05/31/1996**	**CIS-1,2-DICHLOROETHENE**	**280.0**		**70**
KBA-11-13A	**06/05/1996**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
KBA-11-13A	**06/08/1996**	**CIS-1,2-DICHLOROETHENE**	**360.0**		**70**
KBA-11-13A	**06/13/1996**	**CIS-1,2-DICHLOROETHENE**	**300.0**		**70**
KBA-11-13A	**06/28/1996**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
KBA-11-13A	**07/17/1996**	**CIS-1,2-DICHLOROETHENE**	**250.0**		**70**
KBA-11-13A	**10/24/1996**	**CIS-1,2-DICHLOROETHENE**	**190.0**		**70**
KBA-11-13A	**09/18/1997**	**CIS-1,2-DICHLOROETHENE**	**770.0**		**70**
KBA-11-13A	09/18/1997	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-13A	**11/10/1997**	**CIS-1,2-DICHLOROETHENE**	**190.0**		**70**
KBA-11-13A	**09/17/1998**	**CIS-1,2-DICHLOROETHENE**	**160.0**		**70**
KBA-11-13A	**10/30/1998**	**CIS-1,2-DICHLOROETHENE**	**130.0**		**70**
KBA-11-13A	11/04/1998	CIS-1,2-DICHLOROETHENE	5.0		70
KBA-11-13A	**11/24/1998**	**CIS-1,2-DICHLOROETHENE**	**100.0**		**70**
KBA-11-13A	**11/25/1998**	**CIS-1,2-DICHLOROETHENE**	**79.0**		**70**
KBA-11-13A	**12/22/1998**	**CIS-1,2-DICHLOROETHENE**	**230.0**		**70**
KBA-11-13A	01/07/1999	CIS-1,2-DICHLOROETHENE	34.0		70
KBA-11-13A	**01/27/1999**	**CIS-1,2-DICHLOROETHENE**	**110.0**		**70**
KBA-11-13A	**02/18/1999**	**CIS-1,2-DICHLOROETHENE**	**150.0**		**70**
KBA-11-13A	**03/15/1999**	**CIS-1,2-DICHLOROETHENE**	**150.0**		**70**
KBA-11-13A	04/07/1999	CIS-1,2-DICHLOROETHENE	49.0		70
KBA-11-13A	**05/20/1999**	**CIS-1,2-DICHLOROETHENE**	**350.0**		**70**
KBA-11-13A	**06/23/1999**	**CIS-1,2-DICHLOROETHENE**	**280.0**		**70**
KBA-11-13A	**07/26/1999**	**CIS-1,2-DICHLOROETHENE**	**240.0**		**70**
KBA-11-13A	**08/03/1999**	**CIS-1,2-DICHLOROETHENE**	**190.0**		**70**
KBA-11-13A	08/17/1999	**CIS-1,2-DICHLOROETHENE**	**240.0**		**70**
KBA-11-13A	**11/09/1999**	**CIS-1,2-DICHLOROETHENE**	**260.0**		**70**
KBA-11-13A	**02/11/2000**	**CIS-1,2-DICHLOROETHENE**	**230.0**		**70**
KBA-11-13A	01/07/1994	ETHYLBENZENE	130.0		700
KBA-11-13A	04/09/1994	ETHYLBENZENE	120.0		700
KBA-11-13A	09/15/1994	ETHYLBENZENE	110.0		700
KBA-11-13A	04/12/1995	ETHYLBENZENE	120.0		700
KBA-11-13A	04/18/1996	ETHYLBENZENE	7.0		700
KBA-11-13A	05/29/1996	ETHYLBENZENE	120.0		700
KBA-11-13A	05/31/1996	ETHYLBENZENE	120.0		700
KBA-11-13A	06/05/1996	ETHYLBENZENE	98.0		700
KBA-11-13A	06/08/1996	ETHYLBENZENE	100.0		700
KBA-11-13A	06/13/1996	ETHYLBENZENE	110.0		700
KBA-11-13A	06/28/1996	ETHYLBENZENE	120.0		700
KBA-11-13A	07/17/1996	ETHYLBENZENE	120.0		700
KBA-11-13A	10/24/1996	ETHYLBENZENE	160.0		700
KBA-11-13A	09/18/1997	ETHYLBENZENE	140.0		700
KBA-11-13A	09/18/1997	ETHYLBENZENE	53.0		700
KBA-11-13A	08/03/1999	ETHYLBENZENE	66.0		700
KBA-11-13A	11/09/1999	ETHYLBENZENE	92.0		700
KBA-11-13A	02/11/2000	ETHYLBENZENE	64.0		700
KBA-11-13A	**01/07/1994**	**TETRACHLOROETHENE**	**100.0**	**U**	**5**
KBA-11-13A	**04/09/1994**	**TETRACHLOROETHENE**	**580.0**		**5**
KBA-11-13A	**09/15/1994**	**TETRACHLOROETHENE**	**460.0**		**5**

U = compound was analyzed for but not detected tp the level shown.
I = analyte detected; value is between the method detection limit and the practial quanititation limit.
J = estimeted value.
BOLD exceeds the GPS.

Groundwater Protection Standard Analyses
KBA-11-13A, Site 11 NSB Kings Bay

KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	**04/12/1995**	**TETRACHLOROETHENE**	**1300.0**		**5**
KBA-11-13A	**04/18/1996**	**TETRACHLOROETHENE**	**15.0**		**5**
KBA-11-13A	**05/29/1996**	**TETRACHLOROETHENE**	**1000.0**		**5**
KBA-11-13A	**05/31/1996**	**TETRACHLOROETHENE**	**770.0**		**5**
KBA-11-13A	**06/05/1996**	**TETRACHLOROETHENE**	**960.0**		**5**
KBA-11-13A	**06/08/1996**	**TETRACHLOROETHENE**	**1200.0**		**5**
KBA-11-13A	**06/13/1996**	**TETRACHLOROETHENE**	**710.0**		**5**
KBA-11-13A	**06/28/1996**	**TETRACHLOROETHENE**	**1200.0**		**5**
KBA-11-13A	**07/17/1996**	**TETRACHLOROETHENE**	**1800.0**		**5**
KBA-11-13A	**10/24/1996**	**TETRACHLOROETHENE**	**420.0**		**5**
KBA-11-13A	09/18/1997	TETRACHLOROETHENE	0.0	U	5
KBA-11-13A	09/18/1997	TETRACHLOROETHENE	0.0	U	5
KBA-11-13A	**11/10/1997**	**TETRACHLOROETHENE**	**420.0**		**5**
KBA-11-13A	09/17/1998	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	10/30/1998	TETRACHLOROETHENE	10.0	U	5
KBA-11-13A	11/04/1998	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	11/24/1998	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	11/25/1998	TETRACHLOROETHENE	5.0	U	5
KBA-11-13A	12/22/1998	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	01/07/1999	TETRACHLOROETHENE	5.0	U	5
KBA-11-13A	01/27/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	02/18/1999	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	03/15/1999	TETRACHLOROETHENE	10.0	U	5
KBA-11-13A	04/07/1999	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	05/20/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	06/23/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	07/26/1999	TETRACHLOROETHENE	15.0	U	5
KBA-11-13A	08/03/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	08/17/1999	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	11/09/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	02/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	01/07/1994	TOLUENE	170.0		1000
KBA-11-13A	04/09/1994	TOLUENE	89.0		1000
KBA-11-13A	09/15/1994	TOLUENE	120.0		1000
KBA-11-13A	04/12/1995	TOLUENE	75.0		1000
KBA-11-13A	04/18/1996	TOLUENE	3.0		1000
KBA-11-13A	05/29/1996	TOLUENE	23.0	J	1000
KBA-11-13A	05/31/1996	TOLUENE	0.0	U	1000
KBA-11-13A	06/05/1996	TOLUENE	25.0		1000
KBA-11-13A	06/08/1996	TOLUENE	0.0	U	1000
KBA-11-13A	06/13/1996	TOLUENE	17.0		1000
KBA-11-13A	06/28/1996	TOLUENE	0.0	U	1000
KBA-11-13A	07/17/1996	TOLUENE	20.0	J	1000
KBA-11-13A	10/24/1996	TOLUENE	30.0		1000
KBA-11-13A	09/18/1997	TOLUENE	18.0	J	1000
KBA-11-13A	09/18/1997	TOLUENE	0.0	U	1000
KBA-11-13A	08/03/1999	TOLUENE	2.7		1000
KBA-11-13A	11/09/1999	TOLUENE	4.2		1000
KBA-11-13A	02/11/2000	TOLUENE	2.0		1000
KBA-11-13A	09/15/1994	TRANS-1,2-DICHLOROETHENE	50.0	U	100
KBA-11-13A	04/12/1995	TRANS-1,2-DICHLOROETHENE	11.0		100
KBA-11-13A	04/18/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	05/29/1996	TRANS-1,2-DICHLOROETHENE	9.0		100
KBA-11-13A	05/31/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	06/05/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100

U = compound was analyzed for but not detected tp the level shown.
I = analyte detected; value is between the method detection limit and the practial quanititation limit.
J = estimeted value.
BOLD exceeds the GPS.

Groundwater Protection Standard Analyses
KBA-11-13A, Site 11 NSB Kings Bay

KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	06/08/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	06/13/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	06/28/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	07/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	10/24/1996	TRANS-1,2-DICHLOROETHENE	5.0	J	100
KBA-11-13A	09/18/1997	TRANS-1,2-DICHLOROETHENE	11.0	J	100
KBA-11-13A	08/03/1999	TRANS-1,2-DICHLOROETHENE	7.4		100
KBA-11-13A	11/09/1999	TRANS-1,2-DICHLOROETHENE	6.6		100
KBA-11-13A	02/11/2000	TRANS-1,2-DICHLOROETHENE	6.0		100
KBA-11-13A	**01/07/1994**	**TRICHLOROETHENE**	**300.0**		**5**
KBA-11-13A	**04/09/1994**	**TRICHLOROETHENE**	**2400.0**		**5**
KBA-11-13A	**09/15/1994**	**TRICHLOROETHENE**	**770.0**		**5**
KBA-11-13A	**04/12/1995**	**TRICHLOROETHENE**	**790.0**		**5**
KBA-11-13A	**04/18/1996**	**TRICHLOROETHENE**	**9.0**		**5**
KBA-11-13A	**05/29/1996**	**TRICHLOROETHENE**	**800.0**		**5**
KBA-11-13A	**05/31/1996**	**TRICHLOROETHENE**	**640.0**		**5**
KBA-11-13A	**06/05/1996**	**TRICHLOROETHENE**	**700.0**		**5**
KBA-11-13A	**06/08/1996**	**TRICHLOROETHENE**	**880.0**		**5**
KBA-11-13A	**06/13/1996**	**TRICHLOROETHENE**	**620.0**		**5**
KBA-11-13A	**06/28/1996**	**TRICHLOROETHENE**	**750.0**		**5**
KBA-11-13A	**07/17/1996**	**TRICHLOROETHENE**	**1000.0**		**5**
KBA-11-13A	**10/24/1996**	**TRICHLOROETHENE**	**540.0**		**5**
KBA-11-13A	**09/18/1997**	**TRICHLOROETHENE**	**170.0**		**5**
KBA-11-13A	09/18/1997	TRICHLOROETHENE	0.0	U	5
KBA-11-13A	**11/10/1997**	**TRICHLOROETHENE**	**540.0**		**5**
KBA-11-13A	**09/17/1998**	**TRICHLOROETHENE**	**24.0**		**5**
KBA-11-13A	**10/30/1998**	**TRICHLOROETHENE**	**16.0**		**5**
KBA-11-13A	**11/04/1998**	**TRICHLOROETHENE**	**15.0**		**5**
KBA-11-13A	**11/24/1998**	**TRICHLOROETHENE**	**16.0**		**5**
KBA-11-13A	**11/25/1998**	**TRICHLOROETHENE**	**16.0**		**5**
KBA-11-13A	**12/22/1998**	**TRICHLOROETHENE**	**14.0**		**5**
KBA-11-13A	01/07/1999	TRICHLOROETHENE	5.0	U	5
KBA-11-13A	**01/27/1999**	**TRICHLOROETHENE**	**20.0**		**5**
KBA-11-13A	**02/18/1999**	**TRICHLOROETHENE**	**15.0**		**5**
KBA-11-13A	**03/15/1999**	**TRICHLOROETHENE**	**13.0**		**5**
KBA-11-13A	**04/07/1999**	**TRICHLOROETHENE**	**7.0**		**5**
KBA-11-13A	**05/20/1999**	**TRICHLOROETHENE**	**29.0**		**5**
KBA-11-13A	**06/23/1999**	**TRICHLOROETHENE**	**25.0**		**5**
KBA-11-13A	**07/26/1999**	**TRICHLOROETHENE**	**26.0**		**5**
KBA-11-13A	**08/03/1999**	**TRICHLOROETHENE**	**19.0**		**5**
KBA-11-13A	**08/17/1999**	**TRICHLOROETHENE**	**24.0**		**5**
KBA-11-13A	**11/09/1999**	**TRICHLOROETHENE**	**17.0**		**5**
KBA-11-13A	**02/11/2000**	**TRICHLOROETHENE**	**14.0**		**5**
KBA-11-13A	**01/07/1994**	**VINYL CHLORIDE**	**170.0**	**J**	**2**
KBA-11-13A	**04/09/1994**	**VINYL CHLORIDE**	**110.0**	**J**	**2**
KBA-11-13A	**09/15/1994**	**VINYL CHLORIDE**	**50.0**	**U**	**2**
KBA-11-13A	**04/12/1995**	**VINYL CHLORIDE**	**53.0**		**2**
KBA-11-13A	04/18/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	**05/29/1996**	**VINYL CHLORIDE**	**7.0**		**2**
KBA-11-13A	05/31/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	06/05/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	06/08/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	06/13/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	06/28/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	07/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	**10/24/1996**	**VINYL CHLORIDE**	**14.0**		**2**

U = compound was analyzed for but not detected tp the level shown.
I = analyte detected; value is between the method detection limit and the practial quanititation limit.
J = estimeted value.
BOLD exceeds the GPS.

Groundwater Protection Standard Analyses
KBA-11-13A, Site 11 NSB Kings Bay

KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	**09/18/1997**	**VINYL CHLORIDE**	**39.0**		**2**
KBA-11-13A	09/18/1997	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	**11/10/1997**	**VINYL CHLORIDE**	**14.0**		**2**
KBA-11-13A	**09/17/1998**	**VINYL CHLORIDE**	**78.0**		**2**
KBA-11-13A	**10/30/1998**	**VINYL CHLORIDE**	**10.0**		**2**
KBA-11-13A	**11/04/1998**	**VINYL CHLORIDE**	**28.0**		**2**
KBA-11-13A	**11/24/1998**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**11/25/1998**	**VINYL CHLORIDE**	**26.0**		**2**
KBA-11-13A	**12/22/1998**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**01/07/1999**	**VINYL CHLORIDE**	**60.0**		**2**
KBA-11-13A	**01/27/1999**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**02/18/1999**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**03/15/1999**	**VINYL CHLORIDE**	**15.0**		**2**
KBA-11-13A	**04/07/1999**	**VINYL CHLORIDE**	**93.0**		**2**
KBA-11-13A	**05/20/1999**	**VINYL CHLORIDE**	**61.0**		**2**
KBA-11-13A	**06/23/1999**	**VINYL CHLORIDE**	**45.0**		**2**
KBA-11-13A	**07/26/1999**	**VINYL CHLORIDE**	**57.0**		**2**
KBA-11-13A	**08/03/1999**	**VINYL CHLORIDE**	**48.0**		**2**
KBA-11-13A	**08/17/1999**	**VINYL CHLORIDE**	**26.0**		**2**
KBA-11-13A	**11/09/1999**	**VINYL CHLORIDE**	**46.0**		**2**
KBA-11-13A	**02/11/2000**	**VINYL CHLORIDE**	**20.0**		**2**
KBA-11-13A	01/07/1994	XYLENES, TOTAL	240.0		10000
KBA-11-13A	04/09/1994	XYLENES, TOTAL	200.0		10000
KBA-11-13A	09/15/1994	XYLENES, TOTAL	310.0		10000
KBA-11-13A	04/12/1995	XYLENES, TOTAL	260.0		10000
KBA-11-13A	04/18/1996	XYLENES, TOTAL	21.0		10000
KBA-11-13A	07/17/1996	XYLENES, TOTAL	140.0		10000
KBA-11-13A	10/24/1996	XYLENES, TOTAL	300.0		10000
KBA-11-13A	09/18/1997	XYLENES, TOTAL	240.0		10000
KBA-11-13A	08/03/1999	XYLENES, TOTAL	14.4		10000
KBA-11-13A	11/09/1999	XYLENES, TOTAL	49.0		10000
KBA-11-13A	02/11/2000	XYLENES, TOTAL	23.0		10000

U = compound was analyzed for but not detected tp the level shown.
I = analyte detected; value is between the method detection limit and the practial quanititation limit.
J = estimeted value.
BOLD exceeds the GPS.

Groundwater Protection Standard Analyses
KBA-11-13B, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-13B	08/03/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	09/18/1997	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13B	10/22/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13B	04/17/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13B	09/15/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	04/09/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	01/07/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	08/03/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	09/18/1997	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13B	10/22/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13B	04/17/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13B	09/15/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	04/09/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	01/07/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	08/03/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13B	08/03/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-13B	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	04/17/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	04/17/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	09/15/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-13B	09/15/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-13B	08/03/1999	BENZENE	1.0	U	5
KBA-11-13B	09/18/1997	BENZENE	0.0	U	5
KBA-11-13B	10/22/1996	BENZENE	0.0	U	5
KBA-11-13B	04/17/1996	BENZENE	3.0		5
KBA-11-13B	09/15/1994	BENZENE	1.0	U	5
KBA-11-13B	04/09/1994	BENZENE	1.0	U	5
KBA-11-13B	01/07/1994	BENZENE	1.0	U	5
KBA-11-13B	08/03/1999	CHLOROBENZENE	1.0	U	1
KBA-11-13B	09/18/1997	CHLOROBENZENE	0.0	U	1
KBA-11-13B	10/22/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13B	04/17/1996	CHLOROBENZENE	1.0	J	1
KBA-11-13B	09/15/1994	CHLOROBENZENE	1.0	U	1
KBA-11-13B	04/09/1994	CHLOROBENZENE	1.0	U	1
KBA-11-13B	01/07/1994	CHLOROBENZENE	1.0	U	1
KBA-11-13B	08/03/1999	CHLOROETHANE	2.0	U	1
KBA-11-13B	09/18/1997	CHLOROETHANE	0.0	U	1
KBA-11-13B	10/22/1996	CHLOROETHANE	0.0	U	1
KBA-11-13B	04/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-13B	09/15/1994	CHLOROETHANE	1.0	U	1
KBA-11-13B	04/09/1994	CHLOROETHANE	1.0	U	1
KBA-11-13B	01/07/1994	CHLOROETHANE	1.0	U	1
KBA-11-13B	08/03/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	09/18/1997	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-13B	10/22/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-13B	04/17/1996	CIS-1,2-DICHLOROETHENE	16.0		70
KBA-11-13B	09/15/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	04/09/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	01/07/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	08/03/1999	ETHYLBENZENE	1.0	U	700
KBA-11-13B	09/18/1997	ETHYLBENZENE	0.0	U	700
KBA-11-13B	10/22/1996	ETHYLBENZENE	0.2	J	700
KBA-11-13B	04/17/1996	ETHYLBENZENE	8.0		700
KBA-11-13B	09/15/1994	ETHYLBENZENE	1.0	U	700

U = compound was analyzed for but not detected to the level shown.
J = estimated value.

Groundwater Protection Standard Analyses
KBA-11-13B, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-13B	04/09/1994	ETHYLBENZENE	1.0	U	700
KBA-11-13B	01/07/1994	ETHYLBENZENE	1.0	U	700
KBA-11-13B	08/03/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-13B	09/18/1997	TETRACHLOROETHENE	0.0	U	5
KBA-11-13B	10/22/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-13B	04/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-13B	09/15/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-13B	04/09/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-13B	01/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-13B	08/03/1999	TOLUENE	1.0	U	1000
KBA-11-13B	09/18/1997	TOLUENE	0.0	U	1000
KBA-11-13B	10/22/1996	TOLUENE	0.0	U	1000
KBA-11-13B	04/17/1996	TOLUENE	0.5	J	1000
KBA-11-13B	09/15/1994	TOLUENE	1.0	U	1000
KBA-11-13B	04/09/1994	TOLUENE	1.0	U	1000
KBA-11-13B	01/07/1994	TOLUENE	1.0	U	1000
KBA-11-13B	08/03/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	09/18/1997	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13B	10/22/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13B	04/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13B	09/15/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	04/09/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	01/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	08/03/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	09/18/1997	TRICHLOROETHENE	0.0	U	5
KBA-11-13B	10/22/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-13B	04/17/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-13B	09/15/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	04/09/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	01/07/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	08/03/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	09/18/1997	VINYL CHLORIDE	0.0	U	2
KBA-11-13B	10/22/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13B	04/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13B	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	04/09/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	01/07/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	08/03/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-13B	09/18/1997	XYLENES, TOTAL	0.0	U	10000
KBA-11-13B	10/22/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-13B	04/17/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-13B	09/15/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-13B	04/09/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-13B	01/07/1994	XYLENES, TOTAL	1.0	U	10000

U = compound was analyzed for but not detected to the level shown.
J = estimated value.

Groundwater Protection Standard Analyses
KBA-11-15, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-15	01/05/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-15	04/06/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-15	09/15/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-15	04/16/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-15	04/16/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-15	09/16/1997	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-15	08/03/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-15	02/11/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-15	01/05/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-15	04/06/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-15	09/15/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-15	04/16/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-15	04/16/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-15	08/03/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-15	02/11/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-15	08/03/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-15	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-15	09/14/1994	1,4-DICHLOROBENZENE	20.0	R	75
KBA-11-15	09/15/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-15	09/15/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-15	04/16/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-15	04/16/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-15	04/16/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-15	04/16/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-15	08/03/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-15	02/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-15	01/05/1994	BENZENE	1.0	U	5
KBA-11-15	04/06/1994	BENZENE	1.0	U	5
KBA-11-15	09/15/1994	BENZENE	1.0	U	5
KBA-11-15	04/16/1996	BENZENE	0.0	U	5
KBA-11-15	04/16/1996	BENZENE	0.0	U	5
KBA-11-15	09/16/1997	BENZENE	0.0	U	5
KBA-11-15	08/03/1999	BENZENE	1.0	U	5
KBA-11-15	02/11/2000	BENZENE	1.0	U	5
KBA-11-15	01/05/1994	CHLOROBENZENE	1.0	U	1
KBA-11-15	04/06/1994	CHLOROBENZENE	1.0	U	1
KBA-11-15	09/15/1994	CHLOROBENZENE	1.0	U	1
KBA-11-15	04/16/1996	CHLOROBENZENE	0.0	U	1
KBA-11-15	04/16/1996	CHLOROBENZENE	0.0	U	1
KBA-11-15	08/03/1999	CHLOROBENZENE	1.0	U	1
KBA-11-15	02/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-15	01/05/1994	CHLOROETHANE	1.0	U	1
KBA-11-15	04/06/1994	CHLOROETHANE	1.0	U	1
KBA-11-15	09/15/1994	CHLOROETHANE	1.0	U	1
KBA-11-15	04/16/1996	CHLOROETHANE	0.0	U	1
KBA-11-15	04/16/1996	CHLOROETHANE	0.0	U	1
KBA-11-15	08/03/1999	CHLOROETHANE	1.0	U	1
KBA-11-15	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-15	01/05/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-15	04/06/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-15	09/15/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-15	04/16/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-15	04/16/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-15	09/16/1997	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-15	11/10/1997	CIS-1,2-DICHLOROETHENE	5.0	U	70

U = compound was analyzed for but not detected to the level shown.

Groundwater Protection Standard Analyses
KBA-11-15, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-15	08/03/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-15	02/11/2000	CIS-1,2-DICHLOROETHENE	0.9	I	70
KBA-11-15	01/05/1994	ETHYLBENZENE	1.0	U	700
KBA-11-15	04/06/1994	ETHYLBENZENE	1.0	U	700
KBA-11-15	09/15/1994	ETHYLBENZENE	1.0	U	700
KBA-11-15	04/16/1996	ETHYLBENZENE	0.0	U	700
KBA-11-15	04/16/1996	ETHYLBENZENE	0.0	U	700
KBA-11-15	09/16/1997	ETHYLBENZENE	0.0	U	700
KBA-11-15	08/03/1999	ETHYLBENZENE	1.0	U	700
KBA-11-15	02/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-15	01/05/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-15	04/06/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-15	09/15/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-15	04/16/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-15	04/16/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-15	09/16/1997	TETRACHLOROETHENE	0.0	U	5
KBA-11-15	11/10/1997	TETRACHLOROETHENE	5.0	U	5
KBA-11-15	08/03/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-15	02/11/2000	TETRACHLOROETHENE	1.0		5
KBA-11-15	01/05/1994	TOLUENE	1.0	U	1000
KBA-11-15	04/06/1994	TOLUENE	1.0	U	1000
KBA-11-15	09/15/1994	TOLUENE	1.0	U	1000
KBA-11-15	04/16/1996	TOLUENE	0.0	U	1000
KBA-11-15	04/16/1996	TOLUENE	0.0	U	1000
KBA-11-15	09/16/1997	TOLUENE	0.0	U	1000
KBA-11-15	08/03/1999	TOLUENE	1.0	U	1000
KBA-11-15	02/11/2000	TOLUENE	1.0	U	1000
KBA-11-15	01/05/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-15	04/06/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-15	09/15/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-15	04/16/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-15	04/16/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-15	08/03/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-15	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-15	01/05/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-15	04/06/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-15	09/15/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-15	04/16/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-15	04/16/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-15	09/16/1997	TRICHLOROETHENE	0.0	U	5
KBA-11-15	11/10/1997	TRICHLOROETHENE	5.0	U	5
KBA-11-15	08/03/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-15	02/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-15	01/05/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-15	04/06/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-15	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-15	04/16/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-15	04/16/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-15	09/16/1997	VINYL CHLORIDE	0.0	U	2
KBA-11-15	11/10/1997	VINYL CHLORIDE	2.0	U	2
KBA-11-15	08/03/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-15	02/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-15	01/05/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-15	04/06/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-15	09/15/1994	XYLENES, TOTAL	1.0	U	10000

U = compound was analyzed for but not detected to the level shown.

Groundwater Protection Standard Analyses
KBA-11-15, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-15	04/16/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-15	04/16/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-15	08/03/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-15	02/11/2000	XYLENES, TOTAL	3.0	U	10000

U = compound was analyzed for but not detected to the level shown.

Groundwater Protection Analyses
KBA-11-16, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-16	**01/07/1994**	**1,1-DICHLOROETHANE**	**13.0**		**1**
KBA-11-16	**01/07/1994**	**1,1-DICHLOROETHANE**	**11.0**	**R**	**1**
KBA-11-16	**04/07/1994**	**1,1-DICHLOROETHANE**	**11.0**		**1**
KBA-11-16	**09/15/1994**	**1,1-DICHLOROETHANE**	**2.0**		**1**
KBA-11-16	**09/15/1994**	**1,1-DICHLOROETHANE**	**3.0**		**1**
KBA-11-16	**04/12/1995**	**1,1-DICHLOROETHANE**	**18.0**		**1**
KBA-11-16	**04/17/1996**	**1,1-DICHLOROETHANE**	**32.0**		**1**
KBA-11-16	**05/29/1996**	**1,1-DICHLOROETHANE**	**13.0**		**1**
KBA-11-16	**06/13/1996**	**1,1-DICHLOROETHANE**	**11.0**		**1**
KBA-11-16	**07/17/1996**	**1,1-DICHLOROETHANE**	**24.0**		**1**
KBA-11-16	**10/22/1996**	**1,1-DICHLOROETHANE**	**3.2**		**1**
KBA-11-16	**10/22/1996**	**1,1-DICHLOROETHANE**	**5.3**		**1**
KBA-11-16	03/08/1997	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-16	**09/18/1997**	**1,1-DICHLOROETHANE**	**3.0**		**1**
KBA-11-16	08/03/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-16	**11/09/1999**	**1,1-DICHLOROETHANE**	**1.6**	**I**	**1**
KBA-11-16	**02/11/2000**	**1,1-DICHLOROETHANE**	**5.0**		**1**
KBA-11-16	01/07/1994	1,1-DICHLOROETHENE	0.7	J	7
KBA-11-16	01/07/1994	1,1-DICHLOROETHENE	20.0	UR	7
KBA-11-16	04/07/1994	1,1-DICHLOROETHENE	8.4	U	7
KBA-11-16	09/15/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	09/15/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	04/12/1995	1,1-DICHLOROETHENE	1.0	J	7
KBA-11-16	04/17/1996	1,1-DICHLOROETHENE	2.0		7
KBA-11-16	05/29/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-16	06/13/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-16	07/17/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-16	10/22/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-16	10/22/1996	1,1-DICHLOROETHENE	0.3	J	7
KBA-11-16	09/18/1997	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-16	08/03/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	11/09/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	02/11/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	08/03/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-16	11/09/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-16	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-16	09/15/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-16	09/15/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-16	09/15/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-16	09/15/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-16	04/12/1995	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	04/12/1995	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	04/17/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	04/17/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	05/29/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	05/29/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	08/03/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-16	11/09/1999	1,4-DICHLOROBENZENE	1.0	U	
KBA-11-16	02/11/2000	1,4-DICHLOROBENZENE	1.0	U	
KBA-11-16	01/07/1994	BENZENE	2.0		5

U = compound was analyzed for but not detected to the level shown.
J = estimated value.
Bold indicates result exceeds the Groundwater Protection Standard.

Groundwater Protection Analyses
KBA-11-16, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-16	01/07/1994	BENZENE	20.0	UR	5
KBA-11-16	04/07/1994	BENZENE	8.4	U	5
KBA-11-16	09/15/1994	BENZENE	1.0	U	5
KBA-11-16	09/15/1994	BENZENE	1.0	U	5
KBA-11-16	04/12/1995	BENZENE	0.4	J	5
KBA-11-16	04/17/1996	BENZENE	1.0		5
KBA-11-16	05/29/1996	BENZENE	0.0	U	5
KBA-11-16	06/13/1996	BENZENE	0.0	U	5
KBA-11-16	07/17/1996	BENZENE	0.0	U	5
KBA-11-16	10/22/1996	BENZENE	0.0	U	5
KBA-11-16	10/22/1996	BENZENE	0.0	U	5
KBA-11-16	03/08/1997	BENZENE	0.0	U	5
KBA-11-16	09/18/1997	BENZENE	0.0	U	5
KBA-11-16	08/03/1999	BENZENE	1.0	U	5
KBA-11-16	11/09/1999	BENZENE	1.0	U	5
KBA-11-16	02/11/2000	BENZENE	1.0	U	5
KBA-11-16	01/07/1994	CHLOROBENZENE	1.0	U	1
KBA-11-16	01/07/1994	CHLOROBENZENE	20.0	UR	1
KBA-11-16	04/07/1994	CHLOROBENZENE	8.4	U	1
KBA-11-16	09/15/1994	CHLOROBENZENE	1.0	U	1
KBA-11-16	09/15/1994	CHLOROBENZENE	1.0	U	1
KBA-11-16	04/12/1995	CHLOROBENZENE	0.0	U	1
KBA-11-16	04/17/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	05/29/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	06/13/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	07/17/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	10/22/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	10/22/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	09/18/1997	CHLOROBENZENE	0.0	U	1
KBA-11-16	08/03/1999	CHLOROBENZENE	1.0	U	1
KBA-11-16	11/09/1999	CHLOROBENZENE	1.0	U	1
KBA-11-16	02/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-16	01/07/1994	CHLOROETHANE	1.0	U	1
KBA-11-16	01/07/1994	CHLOROETHANE	20.0	UR	1
KBA-11-16	04/07/1994	CHLOROETHANE	17.0	U	1
KBA-11-16	09/15/1994	CHLOROETHANE	1.0	U	1
KBA-11-16	09/15/1994	CHLOROETHANE	1.0	U	1
KBA-11-16	04/12/1995	CHLOROETHANE	0.0	U	1
KBA-11-16	04/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-16	05/29/1996	CHLOROETHANE	2.0		1
KBA-11-16	06/13/1996	CHLOROETHANE	0.0	U	1
KBA-11-16	07/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-16	10/22/1996	CHLOROETHANE	0.0	U	1
KBA-11-16	10/22/1996	CHLOROETHANE	0.0	U	1
KBA-11-16	09/18/1997	CHLOROETHANE	0.0	U	1
KBA-11-16	08/03/1999	CHLOROETHANE	1.0	U	1
KBA-11-16	11/09/1999	CHLOROETHANE	1.0	U	1
KBA-11-16	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-16	01/07/1994	CIS-1,2-DICHLOROETHENE	7.0		70
KBA-11-16	01/07/1994	CIS-1,2-DICHLOROETHENE	20.0	UR	70
KBA-11-16	09/15/1994	CIS-1,2-DICHLOROETHENE	1.0		70
KBA-11-16	09/15/1994	CIS-1,2-DICHLOROETHENE	0.9	J	70
KBA-11-16	04/12/1995	CIS-1,2-DICHLOROETHENE	3.0		70
KBA-11-16	04/17/1996	CIS-1,2-DICHLOROETHENE	6.0		70

U = compound was analyzed for but not detected to the level shown.
J = estimated value.
Bold indicates result exceeds the Groundwater Protection Standard.

Groundwater Protection Analyses
KBA-11-16, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-16	05/29/1996	CIS-1,2-DICHLOROETHENE	4.0		70
KBA-11-16	06/13/1996	CIS-1,2-DICHLOROETHENE	3.0		70
KBA-11-16	07/17/1996	CIS-1,2-DICHLOROETHENE	5.0	J	70
KBA-11-16	10/22/1996	CIS-1,2-DICHLOROETHENE	0.7	J	70
KBA-11-16	10/22/1996	CIS-1,2-DICHLOROETHENE	1.2		70
KBA-11-16	03/08/1997	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-16	09/18/1997	CIS-1,2-DICHLOROETHENE	1.0		70
KBA-11-16	11/10/1997	CIS-1,2-DICHLOROETHENE	5.0	U	70
KBA-11-16	08/03/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-16	11/09/1999	CIS-1,2-DICHLOROETHENE	3.6		70
KBA-11-16	02/11/2000	CIS-1,2-DICHLOROETHENE	14.0		70
KBA-11-16	01/07/1994	ETHYLBENZENE	5.0		700
KBA-11-16	01/07/1994	ETHYLBENZENE	20.0	UR	700
KBA-11-16	04/07/1994	ETHYLBENZENE	8.4	U	700
KBA-11-16	09/15/1994	ETHYLBENZENE	1.0	U	700
KBA-11-16	09/15/1994	ETHYLBENZENE	1.0	U	700
KBA-11-16	04/12/1995	ETHYLBENZENE	0.0	U	700
KBA-11-16	04/17/1996	ETHYLBENZENE	3.0		700
KBA-11-16	05/29/1996	ETHYLBENZENE	0.0	U	700
KBA-11-16	06/13/1996	ETHYLBENZENE	0.0	U	700
KBA-11-16	07/17/1996	ETHYLBENZENE	0.0	U	700
KBA-11-16	10/22/1996	ETHYLBENZENE	0.0	U	700
KBA-11-16	10/22/1996	ETHYLBENZENE	0.2	J	700
KBA-11-16	09/18/1997	ETHYLBENZENE	0.0	U	700
KBA-11-16	08/03/1999	ETHYLBENZENE	1.0	U	700
KBA-11-16	11/09/1999	ETHYLBENZENE	1.0	U	700
KBA-11-16	02/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-16	01/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	01/07/1994	TETRACHLOROETHENE	20.0	UR	5
KBA-11-16	04/07/1994	TETRACHLOROETHENE	8.4	U	5
KBA-11-16	09/15/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	09/15/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	04/12/1995	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	04/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	05/29/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	06/13/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	07/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	10/22/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	10/22/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	03/08/1997	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	09/18/1997	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	11/10/1997	TETRACHLOROETHENE	5.0	U	5
KBA-11-16	08/03/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-16	11/09/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-16	02/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	01/07/1994	TOLUENE	32.0	R	1000
KBA-11-16	01/07/1994	TOLUENE	23.0		1000
KBA-11-16	04/07/1994	TOLUENE	24.0		1000
KBA-11-16	09/15/1994	TOLUENE	1.0	U	1000
KBA-11-16	09/15/1994	TOLUENE	1.0	U	1000
KBA-11-16	04/12/1995	TOLUENE	2.0		1000
KBA-11-16	04/17/1996	TOLUENE	37.0		1000
KBA-11-16	05/29/1996	TOLUENE	3.0		1000
KBA-11-16	06/13/1996	TOLUENE	0.0	U	1000

U = compound was analyzed for but not detected to the level shown.
J = estimated value.
Bold indicates result exceeds the Groundwater Protection Standard.

Groundwater Protection Analyses
KBA-11-16, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-16	07/17/1996	TOLUENE	3.0	J	1000
KBA-11-16	10/22/1996	TOLUENE	1.2		1000
KBA-11-16	10/22/1996	TOLUENE	1.6		1000
KBA-11-16	09/18/1997	TOLUENE	0.0	U	1000
KBA-11-16	08/03/1999	TOLUENE	1.0	U	1000
KBA-11-16	11/09/1999	TOLUENE	1.0	U	1000
KBA-11-16	02/11/2000	TOLUENE	1.0	U	1000
KBA-11-16	01/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	01/07/1994	TRANS-1,2-DICHLOROETHENE	20.0	UR	100
KBA-11-16	09/15/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	09/15/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	04/12/1995	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	04/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	05/29/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	06/13/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	07/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	10/22/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	10/22/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	09/18/1997	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	08/03/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	11/09/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	01/07/1994	TRICHLOROETHENE	0.6	J	5
KBA-11-16	01/07/1994	TRICHLOROETHENE	20.0	UR	5
KBA-11-16	04/07/1994	TRICHLOROETHENE	8.4	U	5
KBA-11-16	09/15/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-16	09/15/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-16	04/12/1995	TRICHLOROETHENE	0.1	J	5
KBA-11-16	04/17/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	05/29/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	06/13/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	07/17/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	10/22/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	10/22/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	03/08/1997	TRICHLOROETHENE	0.0	U	5
KBA-11-16	09/18/1997	TRICHLOROETHENE	0.0	U	5
KBA-11-16	11/10/1997	TRICHLOROETHENE	5.0	U	5
KBA-11-16	08/03/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-16	11/09/1999	TRICHLOROETHENE	1.0	U	2
KBA-11-16	02/11/2000	TRICHLOROETHENE	1.0	U	2
KBA-11-16	01/07/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-16	01/07/1994	VINYL CHLORIDE	20.0	UR	2
KBA-11-16	04/07/1994	VINYL CHLORIDE	17.0	U	2
KBA-11-16	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-16	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-16	04/12/1995	VINYL CHLORIDE	0.3	J	2
KBA-11-16	04/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	05/29/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	06/13/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	07/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	10/22/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	10/22/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	03/08/1997	VINYL CHLORIDE	0.0	U	2
KBA-11-16	09/18/1997	VINYL CHLORIDE	0.0	U	2

U = compound was analyzed for but not detected to the level shown.
J = estimated value.
Bold indicates result exceeds the Groundwater Protection Standard.

Groundwater Protection Analyses
KBA-11-16, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-16	11/10/1997	VINYL CHLORIDE	2.0	U	2
KBA-11-16	08/03/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-16	11/09/1999	VINYL CHLORIDE	1.4	I	2
KBA-11-16	02/11/2000	VINYL CHLORIDE	1.0		2
KBA-11-16	01/07/1994	XYLENES, TOTAL	12.0		10000
KBA-11-16	01/07/1994	XYLENES, TOTAL	6.0	R	10000
KBA-11-16	04/07/1994	XYLENES, TOTAL	5.4	J	10000
KBA-11-16	09/15/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-16	09/15/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-16	04/12/1995	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	04/17/1996	XYLENES, TOTAL	4.0		10000
KBA-11-16	07/17/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	10/22/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	10/22/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	09/18/1997	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	08/03/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-16	11/09/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-16	02/11/2000	XYLENES, TOTAL	3.0	U	10000

U = compound was analyzed for but not detected to the level shown.
J = estimated value.
Bold indicates result exceeds the Groundwater Protection Standard.

Groundwater Protection Standard Analyses
KBA-11-17B, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-17B	01/07/1994	1,1-DICHLOROETHANE	1.0		1
KBA-11-17B	01/07/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-17B	04/07/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-17B	09/15/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-17B	04/12/1995	1,1-DICHLOROETHANE	0.4	J	1
KBA-11-17B	04/17/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-17B	04/17/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-17B	08/03/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-17B	02/11/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-17B	01/07/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	01/07/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	04/07/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	09/15/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	04/12/1995	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-17B	04/17/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-17B	04/17/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-17B	08/03/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	02/11/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	08/03/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-17B	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-17B	09/15/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-17B	09/15/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-17B	04/12/1995	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	04/12/1995	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	04/17/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	04/17/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	04/17/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	04/17/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	08/03/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-17B	02/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-17B	01/07/1994	BENZENE	0.5	J	5
KBA-11-17B	01/07/1994	BENZENE	1.0	U	5
KBA-11-17B	04/07/1994	BENZENE	1.0	U	5
KBA-11-17B	09/15/1994	BENZENE	1.0	U	5
KBA-11-17B	04/12/1995	BENZENE	0.6	J	5
KBA-11-17B	04/17/1996	BENZENE	0.0	U	5
KBA-11-17B	04/17/1996	BENZENE	0.0	U	5
KBA-11-17B	08/03/1999	BENZENE	1.0	U	5
KBA-11-17B	02/11/2000	BENZENE	1.0	U	5
KBA-11-17B	01/07/1994	CHLOROBENZENE	1.0	U	1
KBA-11-17B	01/07/1994	CHLOROBENZENE	1.0	U	1
KBA-11-17B	04/07/1994	CHLOROBENZENE	1.0	U	1
KBA-11-17B	09/15/1994	CHLOROBENZENE	1.0	U	1
KBA-11-17B	04/12/1995	CHLOROBENZENE	0.0	U	1
KBA-11-17B	04/17/1996	CHLOROBENZENE	0.0	U	1
KBA-11-17B	04/17/1996	CHLOROBENZENE	0.0	U	1
KBA-11-17B	08/03/1999	CHLOROBENZENE	1.0	U	1
KBA-11-17B	02/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-17B	01/07/1994	CHLOROETHANE	1.0	U	1
KBA-11-17B	01/07/1994	CHLOROETHANE	1.0	U	1
KBA-11-17B	04/07/1994	CHLOROETHANE	1.0	U	1
KBA-11-17B	09/15/1994	CHLOROETHANE	1.0	U	1
KBA-11-17B	04/12/1995	CHLOROETHANE	0.0	U	1
KBA-11-17B	04/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-17B	04/17/1996	CHLOROETHANE	0.0	U	1

Groundwater Protection Standard Analyses
KBA-11-17B, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-17B	08/03/1999	CHLOROETHANE	1.0	U	1
KBA-11-17B	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-17B	01/07/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	01/07/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	04/07/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	09/15/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	04/12/1995	CIS-1,2-DICHLOROETHENE	0.4	J	70
KBA-11-17B	04/17/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-17B	04/17/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-17B	11/10/1997	CIS-1,2-DICHLOROETHENE	5.0	U	70
KBA-11-17B	08/03/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	02/11/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	01/07/1994	ETHYLBENZENE	1.0	U	700
KBA-11-17B	01/07/1994	ETHYLBENZENE	1.0	U	700
KBA-11-17B	04/07/1994	ETHYLBENZENE	1.0	U	700
KBA-11-17B	09/15/1994	ETHYLBENZENE	1.0	U	700
KBA-11-17B	04/12/1995	ETHYLBENZENE	0.0	U	700
KBA-11-17B	04/17/1996	ETHYLBENZENE	0.0	U	700
KBA-11-17B	04/17/1996	ETHYLBENZENE	0.0	U	700
KBA-11-17B	08/03/1999	ETHYLBENZENE	1.0	U	700
KBA-11-17B	02/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-17B	01/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	01/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	04/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	09/15/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	04/12/1995	TETRACHLOROETHENE	0.0	U	5
KBA-11-17B	04/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-17B	04/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-17B	11/10/1997	TETRACHLOROETHENE	5.0	U	5
KBA-11-17B	08/03/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-17B	02/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	01/07/1994	TOLUENE	1.0	U	1000
KBA-11-17B	01/07/1994	TOLUENE	1.0	U	1000
KBA-11-17B	04/07/1994	TOLUENE	1.0	U	1000
KBA-11-17B	09/15/1994	TOLUENE	1.0	U	1000
KBA-11-17B	04/12/1995	TOLUENE	0.0	U	1000
KBA-11-17B	04/17/1996	TOLUENE	0.0	U	1000
KBA-11-17B	04/17/1996	TOLUENE	0.0	U	1000
KBA-11-17B	08/03/1999	TOLUENE	1.0	U	1000
KBA-11-17B	02/11/2000	TOLUENE	1.0	U	1000
KBA-11-17B	01/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	01/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	04/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	09/15/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	04/12/1995	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-17B	04/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-17B	04/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-17B	08/03/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	01/07/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	01/07/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	04/07/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	09/15/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	04/12/1995	TRICHLOROETHENE	0.0	U	5
KBA-11-17B	04/17/1996	TRICHLOROETHENE	0.0	U	5

Groundwater Protection Standard Analyses
KBA-11-17B, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-17B	04/17/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-17B	11/10/1997	TRICHLOROETHENE	5.0	U	5
KBA-11-17B	08/03/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	02/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	01/07/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	01/07/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	04/07/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	04/12/1995	VINYL CHLORIDE	0.0	U	2
KBA-11-17B	04/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-17B	04/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-17B	11/10/1997	VINYL CHLORIDE	2.0	U	2
KBA-11-17B	08/03/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	02/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	01/07/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	01/07/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	04/07/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	09/15/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	04/12/1995	XYLENES, TOTAL	0.0	U	10000
KBA-11-17B	04/17/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-17B	04/17/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-17B	08/03/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-17B	02/11/2000	XYLENES, TOTAL	3.0	U	10000

Groundwater Protection Standard Analyses
KBA-11-34, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-34	08/02/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-34	11/09/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-34	02/11/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-34	08/02/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-34	11/09/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-34	02/11/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-34	08/02/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	11/09/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	08/02/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	11/09/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	02/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	08/02/1999	BENZENE	1.0	U	5
KBA-11-34	11/09/1999	BENZENE	1.0	U	5
KBA-11-34	02/11/2000	BENZENE	1.0	U	5
KBA-11-34	08/02/1999	CHLOROBENZENE	1.0	U	1
KBA-11-34	11/09/1999	CHLOROBENZENE	1.0	U	1
KBA-11-34	02/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-34	08/02/1999	CHLOROETHANE	1.0	U	1
KBA-11-34	11/09/1999	CHLOROETHANE	1.0	U	1
KBA-11-34	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-34	09/17/1998	CIS-1,2-DICHLOROETHENE	8.0		70
KBA-11-34	10/30/1998	CIS-1,2-DICHLOROETHENE	24.0		70
KBA-11-34	11/13/1998	CIS-1,2-DICHLOROETHENE	5.0	U	70
KBA-11-34	11/24/1998	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	12/22/1998	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	01/27/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	02/18/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	03/15/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	05/20/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	06/22/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	07/26/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	08/02/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	08/16/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	11/09/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	02/11/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	08/02/1999	ETHYLBENZENE	1.0	U	700
KBA-11-34	11/09/1999	ETHYLBENZENE	1.0	U	700
KBA-11-34	02/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-34	**09/17/1998**	**TETRACHLOROETHENE**	**3200.0**		**5**
KBA-11-34	**10/30/1998**	**TETRACHLOROETHENE**	**8500.0**		**5**
KBA-11-34	**11/13/1998**	**TETRACHLOROETHENE**	**180.0**		**5**
KBA-11-34	**11/24/1998**	**TETRACHLOROETHENE**	**200.0**		**5**
KBA-11-34	**12/22/1998**	**TETRACHLOROETHENE**	**87.0**		**5**
KBA-11-34	**01/27/1999**	**TETRACHLOROETHENE**	**83.0**		**5**
KBA-11-34	**02/18/1999**	**TETRACHLOROETHENE**	**9.0**		**5**
KBA-11-34	**03/15/1999**	**TETRACHLOROETHENE**	**62.0**		**5**
KBA-11-34	**05/20/1999**	**TETRACHLOROETHENE**	**83.0**		**5**
KBA-11-34	**06/22/1999**	**TETRACHLOROETHENE**	**10.0**		**5**
KBA-11-34	**07/26/1999**	**TETRACHLOROETHENE**	**24.0**		**5**
KBA-11-34	**08/02/1999**	**TETRACHLOROETHENE**	**17.0**		**5**
KBA-11-34	**08/16/1999**	**TETRACHLOROETHENE**	**16.0**		**5**
KBA-11-34	**11/09/1999**	**TETRACHLOROETHENE**	**22.0**		**5**
KBA-11-34	**02/11/2000**	**TETRACHLOROETHENE**	**83.0**		**5**

U = compound was analyzed for but not detected to the level shown.

Groundwater Protection Standard Analyses
KBA-11-34, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-34	08/02/1999	TOLUENE	1.0	U	1000
KBA-11-34	11/09/1999	TOLUENE	1.0	U	1000
KBA-11-34	02/11/2000	TOLUENE	1.0	U	1000
KBA-11-34	08/02/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-34	11/09/1999	TRANS-1,2-DICHLOROETHENE	1.0		100
KBA-11-34	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0		100
KBA-11-34	**09/17/1998**	**TRICHLOROETHENE**	**350.0**		**5**
KBA-11-34	**10/30/1998**	**TRICHLOROETHENE**	**550.0**		**5**
KBA-11-34	**11/13/1998**	**TRICHLOROETHENE**	**30.0**		**5**
KBA-11-34	**11/24/1998**	**TRICHLOROETHENE**	**19.0**		**5**
KBA-11-34	**12/22/1998**	**TRICHLOROETHENE**	**6.0**		**5**
KBA-11-34	**01/27/1999**	**TRICHLOROETHENE**	**7.0**		**5**
KBA-11-34	02/18/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-34	03/15/1999	TRICHLOROETHENE	3.0		5
KBA-11-34	05/20/1999	TRICHLOROETHENE	3.0		5
KBA-11-34	06/22/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-34	07/26/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-34	08/02/1999	TRICHLOROETHENE	1.0	I	5
KBA-11-34	08/16/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-34	11/09/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-34	02/11/2000	TRICHLOROETHENE	2.0		5
KBA-11-34	09/17/1998	VINYL CHLORIDE	1.0	U	2
KBA-11-34	10/30/1998	VINYL CHLORIDE	1.0	U	2
KBA-11-34	11/13/1998	VINYL CHLORIDE	5.0	U	2
KBA-11-34	11/24/1998	VINYL CHLORIDE	1.0	U	2
KBA-11-34	12/22/1998	VINYL CHLORIDE	1.0	U	2
KBA-11-34	01/27/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	02/18/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	03/15/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	05/20/1999	VINYL CHLORIDE	5.0	U	2
KBA-11-34	06/22/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	07/26/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	08/02/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	08/16/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	11/09/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	02/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-34	08/02/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-34	11/09/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-34	02/11/2000	XYLENES, TOTAL	3.0	U	10000

U = compound was analyzed for but not detected to the level shown.

Groundwater Protection Standard Analyses
KBA-11-37, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-37	08/16/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-37	11/09/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-37	02/11/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-37	08/16/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-37	11/09/1999	1,1-DICHLOROETHENE	1.0	U	1
KBA-11-37	02/11/2000	1,1-DICHLOROETHENE	1.0	U	1
KBA-11-37	08/16/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	11/09/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	08/16/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-37	11/09/1999	1,4-DICHLOROBENZENE	4.7		75
KBA-11-37	02/11/2000	1,4-DICHLOROBENZENE	3.0		75
KBA-11-37	08/16/1999	BENZENE	2.1		5
KBA-11-37	11/09/1999	BENZENE	2.0		5
KBA-11-37	02/11/2000	BENZENE	2.0		5
KBA-11-37	**08/16/1999**	**CHLOROBENZENE**	**2.9**		**1**
KBA-11-37	**11/09/1999**	**CHLOROBENZENE**	**3.1**		**1**
KBA-11-37	**02/11/2000**	**CHLOROBENZENE**	**2.0**		**1**
KBA-11-37	08/16/1999	CHLOROETHANE	1.0	U	1
KBA-11-37	11/09/1999	CHLOROETHANE	1.0	U	1
KBA-11-37	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-37	08/16/1999	CIS-1,2-DICHLOROETHENE	24.0		70
KBA-11-37	11/09/1999	CIS-1,2-DICHLOROETHENE	17.0		70
KBA-11-37	02/11/2000	CIS-1,2-DICHLOROETHENE	16.0		70
KBA-11-37	08/16/1999	ETHYLBENZENE	15.0		700
KBA-11-37	11/09/1999	ETHYLBENZENE	14.0	U	700
KBA-11-37	02/11/2000	ETHYLBENZENE	9.0		700
KBA-11-37	08/16/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-37	11/09/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-37	02/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-37	08/16/1999	TOLUENE	1.0	U	1000
KBA-11-37	11/09/1999	TOLUENE	1.0	U	1000
KBA-11-37	02/11/2000	TOLUENE	1.0		1000
KBA-11-37	08/16/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	11/09/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	08/16/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-37	11/09/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-37	02/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-37	**08/16/1999**	**VINYL CHLORIDE**	**2.5**	**I**	**2**
KBA-11-37	11/09/1999	VINYL CHLORIDE	1.4	I	2
KBA-11-37	02/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-37	08/16/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-37	11/09/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-37	02/11/2000	XYLENES, TOTAL	3.0	U	10000

I = analyte detected; value is between the method detection level and the practical quantitation limit.
U = compound was analyzed for but not detected to the level shown.
BOLD result exceeds GPS.

Groundwater Protection Standard Analyses
PS-2, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT	Q	CRITERIA (ug/L)
PS-2	**04/18/1996**	**1,1-DICHLOROETHANE**	**16.0**		**1**
PS-2	**05/29/1996**	**1,1-DICHLOROETHANE**	**10.0**		**1**
PS-2	**05/31/1996**	**1,1-DICHLOROETHANE**	**11.0**		**1**
PS-2	**06/05/1996**	**1,1-DICHLOROETHANE**	**11.0**		**1**
PS-2	**06/06/1996**	**1,1-DICHLOROETHANE**	**11.0**		**1**
PS-2	06/08/1996	1,1-DICHLOROETHANE	0.0	U	1
PS-2	06/13/1996	1,1-DICHLOROETHANE	0.0	U	1
PS-2	06/28/1996	1,1-DICHLOROETHANE	0.0	U	1
PS-2	**07/17/1996**	**1,1-DICHLOROETHANE**	**13.0**	**J**	**1**
PS-2	10/24/1996	1,1-DICHLOROETHANE	0.0	U	1
PS-2	**03/08/1997**	**1,1-DICHLOROETHANE**	**10.0**		**1**
PS-2	**09/16/1997**	**1,1-DICHLOROETHANE**	**8.0**	**J**	**1**
PS-2	**08/17/1999**	**1,1-DICHLOROETHANE**	**5.6**		**1**
PS-2	**11/09/1999**	**1,1-DICHLOROETHANE**	**5.1**		**1**
PS-2	**02/11/2000**	**1,1-DICHLOROETHANE**	**5.0**		**1**
PS-2	04/18/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	05/29/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	05/31/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	06/05/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	06/06/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	06/08/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	06/13/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	06/28/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	07/17/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	10/24/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	09/16/1997	1,1-DICHLOROETHENE	0.0	U	7
PS-2	08/17/1999	1,1-DICHLOROETHENE	1.0		7
PS-2	11/09/1999	1,1-DICHLOROETHENE	1.0	U	7
PS-2	02/11/2000	1,1-DICHLOROETHENE	1.0	U	7
PS-2	08/17/1999	1,2-DICHLOROETHANE	1.0	U	5
PS-2	11/09/1999	1,2-DICHLOROETHANE	1.0	U	5
PS-2	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
PS-2	04/18/1996	1,4-DICHLOROBENZENE	0.0		75
PS-2	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	05/29/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	05/29/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	05/31/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	05/31/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/05/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/05/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/06/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/06/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/08/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/08/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/28/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/28/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	08/17/1999	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	11/09/1999	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	02/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	04/18/1996	BENZENE	1.0		5
PS-2	05/29/1996	BENZENE	2.0		5
PS-2	05/31/1996	BENZENE	0.0	U	5
PS-2	06/05/1996	BENZENE	0.0	U	5

I = analyte detected; value is between the method detection level and the practical quantitation level.
J = estimated value.
U = compound was analyzed for but not detected to the level shown.
BOLD exceeds GPS.

Groundwater Protection Standard Analyses
PS-2, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT	Q	CRITERIA (ug/L)
PS-2	06/06/1996	BENZENE	0.0	U	5
PS-2	06/08/1996	BENZENE	0.0	U	5
PS-2	06/13/1996	BENZENE	0.0	U	5
PS-2	06/28/1996	BENZENE	0.0	U	5
PS-2	07/17/1996	BENZENE	4.0	J	5
PS-2	10/24/1996	BENZENE	0.0	U	5
PS-2	**03/08/1997**	**BENZENE**	**5.9**		**5**
PS-2	**09/16/1997**	**BENZENE**	**10.0**		**5**
PS-2	**08/17/1999**	**BENZENE**	**9.1**		**5**
PS-2	**11/09/1999**	**BENZENE**	**9.4**		**5**
PS-2	**02/11/2000**	**BENZENE**	**8.0**		**5**
PS-2	04/18/1996	CHLOROBENZENE	0.0	U	1
PS-2	05/29/1996	CHLOROBENZENE	0.0	U	1
PS-2	05/31/1996	CHLOROBENZENE	0.0	U	1
PS-2	06/05/1996	CHLOROBENZENE	0.0	U	1
PS-2	06/06/1996	CHLOROBENZENE	0.0	U	1
PS-2	06/08/1996	CHLOROBENZENE	0.0	U	1
PS-2	06/13/1996	CHLOROBENZENE	0.0	U	1
PS-2	06/28/1996	CHLOROBENZENE	0.0	U	1
PS-2	07/17/1996	CHLOROBENZENE	0.0	U	1
PS-2	10/24/1996	CHLOROBENZENE	0.0	U	1
PS-2	09/16/1997	CHLOROBENZENE	0.0	U	1
PS-2	08/17/1999	CHLOROBENZENE	1.0	U	1
PS-2	11/09/1999	CHLOROBENZENE	1.0	U	1
PS-2	02/11/2000	CHLOROBENZENE	1.0	U	1
PS-2	04/18/1996	CHLOROETHANE	0.0	U	1
PS-2	05/29/1996	CHLOROETHANE	0.0	U	1
PS-2	05/31/1996	CHLOROETHANE	0.0	U	1
PS-2	06/05/1996	CHLOROETHANE	0.0	U	1
PS-2	06/06/1996	CHLOROETHANE	0.0	U	1
PS-2	06/08/1996	CHLOROETHANE	0.0	U	1
PS-2	06/13/1996	CHLOROETHANE	0.0	U	1
PS-2	06/28/1996	CHLOROETHANE	0.0	U	1
PS-2	07/17/1996	CHLOROETHANE	0.0	U	1
PS-2	10/24/1996	CHLOROETHANE	0.0	U	1
PS-2	09/16/1997	CHLOROETHANE	0.0	U	1
PS-2	08/17/1999	CHLOROETHANE	1.0	U	1
PS-2	11/09/1999	CHLOROETHANE	1.0	U	1
PS-2	02/11/2000	CHLOROETHANE	1.0	U	1
PS-2	**04/18/1996**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
PS-2	**05/29/1996**	**CIS-1,2-DICHLOROETHENE**	**210.0**		**70**
PS-2	**05/31/1996**	**CIS-1,2-DICHLOROETHENE**	**160.0**		**70**
PS-2	**06/05/1996**	**CIS-1,2-DICHLOROETHENE**	**160.0**		**70**
PS-2	**06/06/1996**	**CIS-1,2-DICHLOROETHENE**	**170.0**		**70**
PS-2	**06/08/1996**	**CIS-1,2-DICHLOROETHENE**	**75.0**		**70**
PS-2	**06/13/1996**	**CIS-1,2-DICHLOROETHENE**	**140.0**		**70**
PS-2	**06/28/1996**	**CIS-1,2-DICHLOROETHENE**	**210.0**		**70**
PS-2	**07/17/1996**	**CIS-1,2-DICHLOROETHENE**	**200.0**		**70**
PS-2	10/24/1996	CIS-1,2-DICHLOROETHENE	15.0		70
PS-2	**03/08/1997**	**CIS-1,2-DICHLOROETHENE**	**110.0**		**70**
PS-2	09/16/1997	CIS-1,2-DICHLOROETHENE	41.0		70
PS-2	08/17/1999	CIS-1,2-DICHLOROETHENE	41.0		70
PS-2	11/09/1999	CIS-1,2-DICHLOROETHENE	40.0		70
PS-2	02/11/2000	CIS-1,2-DICHLOROETHENE	52.0		70
PS-2	04/18/1996	ETHYLBENZENE	2.0		700

I = analyte detected; value is between the method detection level and the practical quantitation level.
J = estimated value.
U = compound was analyzed for but not detected to the level shown.
BOLD exceeds GPS.

Groundwater Protection Standard Analyses
PS-2, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT	Q	CRITERIA (ug/L)
PS-2	05/29/1996	ETHYLBENZENE	3.0		700
PS-2	05/31/1996	ETHYLBENZENE	0.0	U	700
PS-2	06/05/1996	ETHYLBENZENE	0.0	U	700
PS-2	06/06/1996	ETHYLBENZENE	0.0	U	700
PS-2	06/08/1996	ETHYLBENZENE	24.0		700
PS-2	06/13/1996	ETHYLBENZENE	0.0	U	700
PS-2	06/28/1996	ETHYLBENZENE	0.0	U	700
PS-2	07/17/1996	ETHYLBENZENE	3.0	J	700
PS-2	10/24/1996	ETHYLBENZENE	0.0	U	700
PS-2	09/16/1997	ETHYLBENZENE	7.0	J	700
PS-2	08/17/1999	ETHYLBENZENE	10.0		700
PS-2	11/09/1999	ETHYLBENZENE	16.0		700
PS-2	02/11/2000	ETHYLBENZENE	14.0		700
PS-2	04/18/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	05/29/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	05/31/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	06/05/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	06/06/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	**06/08/1996**	**TETRACHLOROETHENE**	**270.0**		**5**
PS-2	06/13/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	06/28/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	07/17/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	10/24/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	03/08/1997	TETRACHLOROETHENE	0.0	U	5
PS-2	09/16/1997	TETRACHLOROETHENE	0.0	U	5
PS-2	08/17/1999	TETRACHLOROETHENE	3.0	U	5
PS-2	11/09/1999	TETRACHLOROETHENE	3.0	U	5
PS-2	02/11/2000	TETRACHLOROETHENE	1.0	U	5
PS-2	04/18/1996	TOLUENE	10.0	J	1000
PS-2	05/29/1996	TOLUENE	66.0		1000
PS-2	05/31/1996	TOLUENE	69.0		1000
PS-2	06/05/1996	TOLUENE	75.0		1000
PS-2	06/06/1996	TOLUENE	71.0		1000
PS-2	06/08/1996	TOLUENE	0.0	U	1000
PS-2	06/13/1996	TOLUENE	74.0		1000
PS-2	06/28/1996	TOLUENE	0.0	U	1000
PS-2	07/17/1996	TOLUENE	110.0		1000
PS-2	10/24/1996	TOLUENE	0.0	U	1000
PS-2	09/16/1997	TOLUENE	100.0		1000
PS-2	08/17/1999	TOLUENE	43.0		1000
PS-2	11/09/1999	TOLUENE	57.0		1000
PS-2	02/11/2000	TOLUENE	37.0		1000
PS-2	04/18/1996	TRANS-1,2-DICHLOROETHENE	5.0		100
PS-2	05/29/1996	TRANS-1,2-DICHLOROETHENE	1.0		100
PS-2	05/31/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	06/05/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	06/06/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	06/08/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	06/13/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	06/28/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	07/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	10/24/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	09/16/1997	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	08/17/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
PS-2	11/09/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	

I = analyte detected; value is between the method detection level and the practical quantitation level.
J = estimated value.
U = compound was analyzed for but not detected to the level shown.
BOLD exceeds GPS.

Groundwater Protection Standard Analyses
PS-2, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT	Q	CRITERIA (ug/L)
PS-2	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	
PS-2	04/18/1996	TRICHLOROETHENE	3.0		5
PS-2	05/29/1996	TRICHLOROETHENE	2.0		5
PS-2	05/31/1996	TRICHLOROETHENE	0.0	U	5
PS-2	06/05/1996	TRICHLOROETHENE	0.0	U	5
PS-2	06/06/1996	TRICHLOROETHENE	0.0	U	5
PS-2	**06/08/1996**	**TRICHLOROETHENE**	**200.0**		**5**
PS-2	06/13/1996	TRICHLOROETHENE	0.0	U	5
PS-2	06/28/1996	TRICHLOROETHENE	0.0	U	5
PS-2	07/17/1996	TRICHLOROETHENE	4.0	J	5
PS-2	10/24/1996	TRICHLOROETHENE	0.0	U	5
PS-2	03/08/1997	TRICHLOROETHENE	2.8		5
PS-2	09/16/1997	TRICHLOROETHENE	1.0	J	5
PS-2	08/17/1999	TRICHLOROETHENE	1.3	I	5
PS-2	11/09/1999	TRICHLOROETHENE	1.4	I	5
PS-2	02/11/2000	TRICHLOROETHENE	2.0		5
PS-2	**04/18/1996**	**VINYL CHLORIDE**	**8.0**		**2**
PS-2	**05/29/1996**	**VINYL CHLORIDE**	**5.0**		**2**
PS-2	05/31/1996	VINYL CHLORIDE	0.0	U	2
PS-2	06/05/1996	VINYL CHLORIDE	0.0	U	2
PS-2	06/06/1996	VINYL CHLORIDE	0.0	U	2
PS-2	06/08/1996	VINYL CHLORIDE	0.0	U	2
PS-2	06/13/1996	VINYL CHLORIDE	0.0	U	2
PS-2	06/28/1996	VINYL CHLORIDE	0.0	U	2
PS-2	07/17/1996	VINYL CHLORIDE	0.0	U	2
PS-2	10/24/1996	VINYL CHLORIDE	0.0	U	2
PS-2	**03/08/1997**	**VINYL CHLORIDE**	**8.8**		**2**
PS-2	09/16/1997	VINYL CHLORIDE	1.0	J	2
PS-2	**08/17/1999**	**VINYL CHLORIDE**	**3.2**	**I**	**2**
PS-2	**11/09/1999**	**VINYL CHLORIDE**	**2.9**		**2**
PS-2	**02/11/2000**	**VINYL CHLORIDE**	**2.0**		**2**
PS-2	04/18/1996	XYLENES, TOTAL	4.0		10000
PS-2	07/17/1996	XYLENES, TOTAL	7.0	J	10000
PS-2	10/24/1996	XYLENES, TOTAL	0.0	U	10000
PS-2	09/16/1997	XYLENES, TOTAL	17.0		10000
PS-2	08/17/1999	XYLENES, TOTAL	29.0		10000
PS-2	11/09/1999	XYLENES, TOTAL	47.0		10000
PS-2	02/11/2000	XYLENES, TOTAL	40.0		10000

I = analyte detected; value is between the method detection level and the practical quantitation level.
J = estimated value.
U = compound was analyzed for but not detected to the level shown.
BOLD exceeds GPS.

Columbia Analytical Services INC.
An Employee-Owned Company

February 22, 2000

Service Request No. J2000449

Certification Numbers:

Florida DEP:	930298G
Florida HRS:	E82502; 82483
Massachusetts:	M-FL937
New Hampshire:	294297-A; 294297-B
North Carolina:	527
South Carolina:	96021001

Fred Coley
JA Jones Management Services
P.O. Box 47248
Kings Bay, GA 31547

RE: Project No.: Site 11
Project Name: NSB Kings Bay

Dear Fred Coley:

Enclosed are the results of the samples(s) submitted to our laboratory on February 09, 2000. For your reference, these analyses have been assigned our service request number: J2000449.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in the entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the samples analyzed.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

Tom Kissinger
Project Chemist

TK/jg

CASE NARRATIVE
GC/MS Volatile Organics

CAS Lab Reference No./SDG#: J2000449

Client/Project: JA Jones Management Services

I. RECEIPT

No exceptions were encountered unless noted on the Cooler Receipt and Preservation Form included with this data package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Preparation: SW-846 5030
Analysis: SW-846 8260B

IV. PREPARATION

Sample preparation proceeded normally.

V. ANALYSIS

A. Calibration: All analytes for this sample set met acceptance criteria with the exception of the continuing calibration (CCV) for acetone which had a %D of –25% with an acceptance criteria of 20% D. However, all acetone results were less than the reporting limit, therefore reported as an estimated value, which is indicated by the "J" qualifier.

B. Blanks: All values were less than the reporting limit.

C. Surrogates: All acceptance criteria were met.

D. Spikes: All acceptance criteria were met.

E. Samples: Sample analyses proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by Columbia Analytical Services, Inc. and by the client, both technically, and for completeness, except for the conditions detailed above. The Laboratory Manager or his designee, as verified by the following signature, has authorized release of the data contained in this hard copy data package:

Signed: Tom D. Kissinger Date: 2/22/00
Tom Kissinger
Laboratory Director

Columbia Analytical Services
8540 Baycenter Road
Jacksonville, FL 32256
Phone: (904) 739-2277
Fax: (904) 739-2011

Columbia Analytical Services inc.
An Employee-Owned Company

Columbia Analytical Services
8540 Baycenter Road
Jacksonville, FL 32256
Tel 904-739-2277
Fax 904-739-2011

CROSS REFERENCE

Lab Sample ID	Client Sample ID	Date/Time Collected	Matrix
J2000359-01	KB-11-13-A-FEB 00	2/4/00 1151	Ground Water
J2000359-02	KB-11-2-FEB 00	2/4/00 1447	Ground Water
J2000359-03	KB-11-34-FEB 00	2/7/00 0921	Ground Water
J2000359-04	PS-2-FEB 00	2/7/00 1022	Ground Water
J2000359-05	KB-11-15-FEB 00	2/7/00 1123	Ground Water
J2000359-06	KB-11-15(D)-FEB 00	2/7/00 1125	Ground Water
J2000359-07	KB-11-17B-FEB 00	2/7/00 1336	Ground Water
J2000359-08	KB-11-16-FEB 00	2/7/00 1433	Ground Water
J2000359-09	KB-11-37-FEB 00	2/8/00 0925	Ground Water
J2000359-10	KB-11-EB-FEB 00	2/8/00 1005	Water QC
J2000359-11	Trip Blank	2/2/00	Water QC

Organic Data Qualifiers

A -- This qualifier indicates that a TIC is a suspected aldol-condensation product.

B -- This flag is used when the analyte is found in the associated blank as well as the sample. This notation indicates possible blank contamination and suggests that the data user evaluate these compounds and their amounts carefully.

C -- The "C" flag indicates the presence of this compound has been confirmed by GC/MS analysis.

D -- This qualifier is used for all compounds identified in an analysis at a secondary dilution factor. "D" qualifiers are used only for the samples reported at more than one dilution factor.

E -- This flag indicates that the value reported exceeds the linear calibration range for that compound. Therefore, the sample should be reanalyzed at an appropriate dilution. The "E" qualified amount is an estimated concentration, and the results of the dilution will be reported on a separate Form I.

I -- This qualifier indicates that the reporting limit adjacent to the "I" qualifier has been raised. It is used when chromatographic interference prohibits detection of a compound at a level below the concentration expressed on the Form I.

J -- Indicates an estimated value. It is used when the data indicates the presence of a target compound below the reporting limit or the presence of a Tentatively Identified Compound (TIC).

N -- This qualifier indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the indentification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

P -- This qualifier is used for pesticide/aroclor target analytes when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".

U -- Indicates the compound was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that compound. The reporting limit can vary from sample to sample depending on dilution factors or percent moisture adjustments when indicated.

Organic Sample ID Qualifiers

DL -- Diluted reanalysis. Indicates that the results were determined in an analysis of a secondary dilution of a sample or extract. The "DL" suffix may be followed by a digit to indicate multiple dilutions of the sample or extract. The results of more than one diluted reanalyses may be reported.

MS -- Matrix spike (may be followed by a digit to indicate multiple matrix spikes within a sample set).

MSD - Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spikes within a sample set).

R -- Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalyses of the sample at the same dilution.

RE -- Re-extraction analysis. The sample was re-extracted and reanalyzed. May be followed by a digit to indicate multiple re-extracted analyses of the sample at the same dilution.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-13
-A-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-01

Matrix: WATER Level: LOW

Lab File ID: 0210-16

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	20	
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	4	J
75-15-0	Carbon Disulfide	1	0.9	J
156-60-5	trans-1,2-Dichloroethene	1	6	
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	230	E
75-34-3	1,1-Dichloroethane	1	1	U
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
79-01-6	Trichloroethene	1	14	
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	2	
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	5	U
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	2	
108-90-7	Chlorobenzene	1	6	
100-41-4	Ethylbenzene	1	64	
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	4	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-13
-A-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-01

Matrix: WATER Level: LOW

Lab File ID: 0210-16

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

Units: UG/L

CAS NO.	COMPOUND	RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	23	
	P&M Xylene	2	17	
95-47-6	O-Xylene	1	6	
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-13
-A-FEB00D

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-01D

Matrix: WATER Level: LOW

Lab File ID: 0210-15

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 10.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	10	10	U
74-83-9	Bromomethane	10	10	U
75-01-4	Vinyl Chloride	10	19	
75-00-3	Chloroethane	10	10	U
75-09-2	Methylene Chloride	10	10	U
67-64-1	Acetone	50	50	U
75-15-0	Carbon Disulfide	10	10	U
156-60-5	trans-1,2-Dichloroethene	10	10	U
75-35-4	1,1-Dichloroethene	10	10	U
156-59-2	cis-1,2-Dichloroethene	10	260	
75-34-3	1,1-Dichloroethane	10	10	U
67-66-3	Chloroform	10	10	U
107-06-2	1,2-Dichloroethane	10	10	U
78-93-3	2-Butanone (MEK)	50	50	U
71-55-6	1,1,1-Trichloroethane	10	10	U
56-23-5	Carbon Tetrachloride	10	10	U
75-27-4	Bromodichloromethane	10	10	U
79-01-6	Trichloroethene	10	15	
124-48-1	Dibromochloromethane	10	10	U
79-00-5	1,1,2-Trichloroethane	10	10	U
71-43-2	Benzene	10	10	U
75-25-2	Bromoform	10	10	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	50	50	U
591-78-6	2-Hexanone	50	50	U
127-18-4	Tetrachloroethene	10	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	10	U
108-88-3	Toluene	10	10	U
108-90-7	Chlorobenzene	10	10	U
100-41-4	Ethylbenzene	10	71	
100-42-5	Styrene	10	10	U
75-71-8	Dichlorodifluoromethane	10	10	U
75-69-4	Trichlorofluoromethane	10	10	U
107-13-1	Acrylonitrile	50	50	U
108-05-4	Vinyl Acetate	50	50	U
107-02-8	Acrolein	50	50	U
110-75-8	2-Chloroethylvinyl ether	10	10	U
541-73-1	1,3-Dichlorobenzene	10	10	U
106-46-7	1,4-Dichlorobenzene	10	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-13
-A-FEB00D

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-01D

Matrix: WATER Level: LOW

Lab File ID: 0210-15

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 10.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	10	10	U
74-88-4	Iodomethane	10	10	U
106-93-4	1,2-Dibromoethane (EDB)	10	10	U
97-63-2	Ethyl methacrylate	50	50	U
630-20-6	1,1,1,2-Tetrachloroethane	10	10	U
96-18-4	1,2,3-Trichloropropane	10	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	10	U
1330-20-7	Total Xylenes	30	26	J
	P&M Xylene	20	19	J
95-47-6	O-Xylene	10	7	J
110-57-6	trans-1,4-Dichloro-2-butene	10	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-2-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-02

Matrix: WATER Level: LOW

Lab File ID: 0210-17

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	5	U
75-15-0	Carbon Disulfide	1	1	U
156-60-5	trans-1,2-Dichloroethene	1	1	U
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	1	U
75-34-3	1,1-Dichloroethane	1	1	U
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	5	U
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-2-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-02

Matrix: WATER Level: LOW Lab File ID: 0210-17

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND (Units: UG/L)	RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	3	U
	P&M Xylene	2	2	U
95-47-6	O-Xylene	1	1	U
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-34-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-03

Matrix: WATER Level: LOW Lab File ID: 0210-18

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	4	J
75-15-0	Carbon Disulfide	1	1	
156-60-5	trans-1,2-Dichloroethene	1	1	U
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	1	U
75-34-3	1,1-Dichloroethane	1	1	U
67-66-3	Chloroform	1	0.7	J
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
79-01-6	Trichloroethene	1	2	
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	0.9	J
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	83	
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-34-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-03

Matrix: WATER Level: LOW

Lab File ID: 0210-18

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	3	U
	P&M Xylene	2	2	U
95-47-6	O-Xylene	1	1	U
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

PS-2-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-04

Matrix: WATER Level: LOW Lab File ID: 0210-19

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	2	
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	5	U
75-15-0	Carbon Disulfide	1	1	
156-60-5	trans-1,2-Dichloroethene	1	1	U
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	52	
75-34-3	1,1-Dichloroethane	1	5	
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
79-01-6	Trichloroethene	1	2	
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	8	
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	4	J
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	37	
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	14	
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

PS-2-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-04

Matrix: WATER Level: LOW

Lab File ID: 0210-19

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	40	
	P&M Xylene	2	25	
95-47-6	O-Xylene	1	15	
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-15-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-05

Matrix: WATER Level: LOW Lab File ID: 0210-20

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	5	U
75-15-0	Carbon Disulfide	1	1	U
156-60-5	trans-1,2-Dichloroethene	1	1	U
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	0.9	J
75-34-3	1,1-Dichloroethane	1	1	U
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	5	U
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	1	
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-15-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-05

Matrix: WATER Level: LOW Lab File ID: 0210-20

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND Units: UG/L	RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	3	U
	P&M Xylene	2	2	U
95-47-6	O-Xylene	1	1	U
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-15
(D)-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-06

Matrix: WATER Level: LOW Lab File ID: 0210-21

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	5	U
75-15-0	Carbon Disulfide	1	1	U
156-60-5	trans-1,2-Dichloroethene	1	1	U
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	1	
75-34-3	1,1-Dichloroethane	1	1	U
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	5	U
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	1	
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-15
(D)-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-06

Matrix: WATER Level: LOW

Lab File ID: 0210-21

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	3	U
	P&M Xylene	2	2	U
95-47-6	O-Xylene	1	1	U
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-17B-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-07

Matrix: WATER Level: LOW Lab File ID: 0210-22

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	5	U
75-15-0	Carbon Disulfide	1	1	U
156-60-5	trans-1,2-Dichloroethene	1	1	U
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	1	U
75-34-3	1,1-Dichloroethane	1	1	U
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	5	U
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-17B-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-07

Matrix: WATER Level: LOW

Lab File ID: 0210-22

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	3	U
	P&M Xylene	2	2	U
95-47-6	O-Xylene	1	1	U
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-16-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-08

Matrix: WATER Level: LOW

Lab File ID: 0210-23

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	5	U
75-15-0	Carbon Disulfide	1	0.7	J
156-60-5	trans-1,2-Dichloroethene	1	1	U
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	14	
75-34-3	1,1-Dichloroethane	1	5	
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	3	J
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-16-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-08

Matrix: WATER Level: LOW Lab File ID: 0210-23

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	3	U
	P&M Xylene	2	2	U
95-47-6	O-Xylene	1	1	U
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-37-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-09

Matrix: WATER Level: LOW Lab File ID: 0210-24

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND (Units: UG/L)	RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	5	U
75-15-0	Carbon Disulfide	1	1	
156-60-5	trans-1,2-Dichloroethene	1	1	U
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	16	
75-34-3	1,1-Dichloroethane	1	1	U
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	2	
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	5	U
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	2	
100-41-4	Ethylbenzene	1	9	
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	3	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-37-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-09

Matrix: WATER Level: LOW Lab File ID: 0210-24

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	3	U
	P&M Xylene	2	2	U
95-47-6	O-Xylene	1	1	U
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-EB-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-10

Matrix: WATER Level: LOW Lab File ID: 0210-25

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	5	U
75-15-0	Carbon Disulfide	1	1	U
156-60-5	trans-1,2-Dichloroethene	1	1	U
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	1	U
75-34-3	1,1-Dichloroethane	1	1	U
67-66-3	Chloroform	1	29	
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	27	
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	21	
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
75-25-2	Bromoform	1	4	
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	5	U
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

KB-11-EB-FEB00

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-10

Matrix: WATER Level: LOW

Lab File ID: 0210-25

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	3	U
	P&M Xylene	2	2	U
95-47-6	O-Xylene	1	1	U
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

TRIP BLANK

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J2000449-11

Matrix: WATER Level: LOW Lab File ID: 0210-26

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	5	U
75-15-0	Carbon Disulfide	1	1	U
156-60-5	trans-1,2-Dichloroethene	1	1	U
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	1	U
75-34-3	1,1-Dichloroethane	1	1	U
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	5	U
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

TRIP BLANK

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab Sample ID: J2000449-11

Matrix: WATER Level: LOW

Lab File ID: 0210-26

Sample Volume: 5.00 ML

Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	3	U
	P&M Xylene	2	2	U
95-47-6	O-Xylene	1	1	U
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

J200210-MB

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J200210-MB

Matrix: WATER Level: LOW Lab File ID: 0210-14

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
74-87-3	Chloromethane	1	1	U
74-83-9	Bromomethane	1	1	U
75-01-4	Vinyl Chloride	1	1	U
75-00-3	Chloroethane	1	1	U
75-09-2	Methylene Chloride	1	1	U
67-64-1	Acetone	5	5	U
75-15-0	Carbon Disulfide	1	1	U
156-60-5	trans-1,2-Dichloroethene	1	1	U
75-35-4	1,1-Dichloroethene	1	1	U
156-59-2	cis-1,2-Dichloroethene	1	1	U
75-34-3	1,1-Dichloroethane	1	1	U
67-66-3	Chloroform	1	1	U
107-06-2	1,2-Dichloroethane	1	1	U
78-93-3	2-Butanone (MEK)	5	5	U
71-55-6	1,1,1-Trichloroethane	1	1	U
56-23-5	Carbon Tetrachloride	1	1	U
75-27-4	Bromodichloromethane	1	1	U
79-01-6	Trichloroethene	1	1	U
124-48-1	Dibromochloromethane	1	1	U
79-00-5	1,1,2-Trichloroethane	1	1	U
71-43-2	Benzene	1	1	U
75-25-2	Bromoform	1	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5	5	U
591-78-6	2-Hexanone	5	5	U
127-18-4	Tetrachloroethene	1	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1	U
108-88-3	Toluene	1	1	U
108-90-7	Chlorobenzene	1	1	U
100-41-4	Ethylbenzene	1	1	U
100-42-5	Styrene	1	1	U
75-71-8	Dichlorodifluoromethane	1	1	U
75-69-4	Trichlorofluoromethane	1	1	U
107-13-1	Acrylonitrile	5	5	U
108-05-4	Vinyl Acetate	5	5	U
107-02-8	Acrolein	5	5	U
110-75-8	2-Chloroethylvinyl ether	1	1	U
541-73-1	1,3-Dichlorobenzene	1	1	U
106-46-7	1,4-Dichlorobenzene	1	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

J200210-MB

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449 Lab Sample ID: J200210-MB

Matrix: WATER Level: LOW Lab File ID: 0210-14

Sample Volume: 5.00 ML Date Received: 02/09/00

Date Analyzed: 02/11/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	Units: UG/L RL	RESULT	Q
95-50-1	1,2-Dichlorobenzene	1	1	U
74-88-4	Iodomethane	1	1	U
106-93-4	1,2-Dibromoethane (EDB)	1	1	U
97-63-2	Ethyl methacrylate	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1	U
96-18-4	1,2,3-Trichloropropane	1	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1	U
1330-20-7	Total Xylenes	3	3	U
	P&M Xylene	2	2	U
95-47-6	O-Xylene	1	1	U
110-57-6	trans-1,4-Dichloro-2-butene	1	1	U

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

	LAB ID.	CLIENT ID.	S1 (DCA)#	S2 (TOL)#	S3 (BFB)#	S4 (DBM)#	TOT OUT
01	J200210-MBLC	J200210-MBLCS	96	100	100	96	0
02	J2000449-01M	KB-11-13-A-FEB0	100	100	98	102	0
03	J2000449-01M	KB-11-13-A-FEB0	104	100	98	104	0
04	J200210-MB	J200210-MB	106	100	100	104	0
05	J2000449-01D	KB-11-13-A-FEB0	108	98	98	102	0
06	J2000449-01	KB-11-13-A-FEB0	108	100	96	106	0
07	J2000449-02	KB-11-2-FEB00	108	100	96	104	0
08	J2000449-03	KB-11-34-FEB00	110	100	98	104	0
09	J2000449-04	PS-2-FEB00	110	100	96	104	0
10	J2000449-05	KB-11-15-FEB00	110	100	98	106	0
11	J2000449-06	KB-11-15(D)-FEB	112	100	98	106	0
12	J2000449-07	KB-11-17B-FEB00	112	102	98	104	0
13	J2000449-08	KB-11-16-FEB00	110	98	94	106	0
14	J2000449-09	KB-11-37-FEB00	110	100	98	104	0
15	J2000449-10	KB-11-EB-FEB00	112	100	96	104	0
16	J2000449-11	TRIP BLANK	112	100	96	106	0
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

		QC LIMITS
S1 (DCA)	= 1,2-dichloroethane-d4	(85-115)
S2 (TOL)	= Toluene-d8	(77-120.8)
S3 (BFB)	= Bromofluorobenzene	(74-127.75)
S4 (DBM)	= Dibromofluoromethane	(64-139.42)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

FORM II VOA-1 SW846

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

MS/MSD - associated with Sample ID: KB-11-13-A-FEB00

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	20	0.0	18	90	52-142
Trichloroethene	20	14	33	95	41-139
Benzene	20	2	22	100	51-135
Toluene	20	2	22	100	48-137
Chlorobenzene	20	6	25	95	50-135

COMPOUND	SPIKE ADDED (ug/L)	MSD CONC. (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	20	18	90	0	40	52-142
Trichloroethene	20	33	95	0	40	41-139
Benzene	20	22	100	0	40	51-135
Toluene	20	22	100	0	40	48-137
Chlorobenzene	20	26	100	4	40	50-135

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

3A
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

LCS - associated with Method Blank: J200210-MB

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	LCS CONC. (ug/L)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	20	N/A	19	95	52-142
Trichloroethene	20	N/A	20	100	41-139
Benzene	20	N/A	21	105	51-135
Toluene	20	N/A	20	100	48-137
Chlorobenzene	20	N/A	20	100	50-135

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 5 outside limits

4A
VOLATILE METHOD BLANK SUMMARY

Client ID.

J200210-MB

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab File ID: 0210-14 Lab Sample ID: J200210-MB

Date Analyzed: 02/11/00 Time Analyzed: 1030

Matrix: WATER Level: LOW

Instrument ID: MS52

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	J200210-MBLCS	J200210-MBLCS	0210-09	1607
02	KB-11-13-A-FEB0	J2000449-01MS	0210-10	1648
03	KB-11-13-A-FEB0	J2000449-01MSD	0210-11	1729
04	KB-11-13-A-FEB0	J2000449-01D	0210-15	1111
05	KB-11-13-A-FEB0	J2000449-01	0210-16	1152
06	KB-11-2-FEB00	J2000449-02	0210-17	1233
07	KB-11-34-FEB00	J2000449-03	0210-18	1314
08	PS-2-FEB00	J2000449-04	0210-19	1356
09	KB-11-15-FEB00	J2000449-05	0210-20	1437
10	KB-11-15(D)-FEB	J2000449-06	0210-21	1518
11	KB-11-17B-FEB00	J2000449-07	0210-22	1559
12	KB-11-16-FEB00	J2000449-08	0210-23	1640
13	KB-11-37-FEB00	J2000449-09	0210-24	1721
14	KB-11-EB-FEB00	J2000449-10	0210-25	1802
15	TRIP BLANK	J2000449-11	0210-26	1843
16				
17				
18				
19				
20				
21				
22				
23				

FORM IV VOA SW846

5A
VOLATILE ORGANIC GC/MS TUNING AND MASS
CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab File ID: 0210-01 BFB Injection Date: 02/10/00

Instrument ID: MS52 BFB Injection Time: 0922

Matrix: WATER Level: LOW

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.8
75	30.0 - 66.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	77.6
175	4.0 - 9.0% of mass 174	4.1 (5.2)1
176	93.0 - 101.0% of mass 174	75.4 (97.1)1
177	5.0 - 9.0% of mass 176	5.1 (6.8)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	J200210-5PPB CA	J200210-5PPB C	0210-04	02/10/00	1121
02	J200210-25PPB C	J200210-25PPB	0210-05	02/10/00	1202
03	J200210-50PPB C	J200210-50PPB	0210-06	02/10/00	1243
04	J200210-100PPB	J200210-100PPB	0210-07	02/10/00	1324
05	J200210-200PPB	J200210-200PPB	0210-08	02/10/00	1404
06	J200210-1PPB CA	J200210-1PPB C	0210-03	02/10/00	1526
07	J200210-MBLCS	J200210-MBLCS	0210-09	02/10/00	1607
08	KB-11-13-A-FEB0	J2000449-01MS	0210-10	02/10/00	1648
09	KB-11-13-A-FEB0	J2000449-01MSD	0210-11	02/10/00	1729
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

5A
VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab File ID: 0210-12 BFB Injection Date: 02/11/00

Instrument ID: MS52 BFB Injection Time: 0747

Matrix: WATER Level: LOW

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	20.4
75	30.0 - 66.0% of mass 95	52.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	68.6
175	4.0 - 9.0% of mass 174	4.0 (5.8)1
176	93.0 - 101.0% of mass 174	66.7 (97.2)1
177	5.0 - 9.0% of mass 176	5.0 (7.6)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	J200210-CC	J200210-CC	0210-13	02/11/00	0949
02	J200210-MB	J200210-MB	0210-14	02/11/00	1030
03	KB-11-13-A-FEB0	J2000449-01D	0210-15	02/11/00	1111
04	KB-11-13-A-FEB0	J2000449-01	0210-16	02/11/00	1152
05	KB-11-2-FEB00	J2000449-02	0210-17	02/11/00	1233
06	KB-11-34-FEB00	J2000449-03	0210-18	02/11/00	1314
07	PS-2-FEB00	J2000449-04	0210-19	02/11/00	1356
08	KB-11-15-FEB00	J2000449-05	0210-20	02/11/00	1437
09	KB-11-15(D)-FEB	J2000449-06	0210-21	02/11/00	1518
10	KB-11-17B-FEB00	J2000449-07	0210-22	02/11/00	1559
11	KB-11-16-FEB00	J2000449-08	0210-23	02/11/00	1640
12	KB-11-37-FEB00	J2000449-09	0210-24	02/11/00	1721
13	KB-11-EB-FEB00	J2000449-10	0210-25	02/11/00	1802
14	TRIP BLANK	J2000449-11	0210-26	02/11/00	1843
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA SW846

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Instrument ID: MS52 ICAL Date(s): 02/10/00

Matrix: WATER Level: LOW

Min $\overline{RRF}$ for SPCC(#) = 0.100 (0.300 for Chlorobenzene & 1,1,2,2-Tetrachloroethane)
Max %RSD for CCC(*) = 30.0% Linear Fit(&); Requires Min r2 value

LAB FILE ID: RRF1 =0210-03.D RRF2 =0210-05.D
RRF3 =0210-06.D RRF4 =0210-07.D RRF5 =0210-08.D

COMPOUND		RRF1	RRF2	RRF3	RRF4	RRF5	$\overline{RRF}$		%RSD or r2	
Chloromethane	#	0.497	0.379	0.404	0.361	0.365				#
Bromomethane		0.195	0.171	0.151	0.154	0.148				
Vinyl Chloride		0.351	0.340	0.342	0.342	0.330				
Chloroethane		0.216	0.186	0.174	0.168	0.156				
Methylene Chloride		0.370	0.299	0.294	0.289	0.298				
Acetone		0.030	0.033	0.029	0.026	0.024				
Carbon Disulfide			0.813	0.718	0.720	0.568				
trans-1,2-Dichloroethene		0.320	0.288	0.283	0.281	0.273				
1,1-Dichloroethene	*	0.287	0.248	0.248	0.245	0.260				*
cis-1,2-Dichloroethene		0.313	0.303	0.302	0.298	0.289				
1,1-Dichloroethane	#	0.493	0.485	0.478	0.454	0.421				#
Chloroform	*	0.517	0.507	0.509	0.502	0.486				*
1,2-Dichloroethane		0.385	0.378	0.384	0.377	0.357				
2-Butanone (MEK)		0.153	0.141	0.132	0.123	0.108				
1,1,1-Trichloroethane		0.384	0.391	0.377	0.376	0.373				
Carbon Tetrachloride		0.326	0.359	0.346	0.359	0.348				
Bromodichloromethane		0.339	0.384	0.393	0.398	0.388				
Trichloroethene		0.309	0.296	0.300	0.294	0.287				
Dibromochloromethane		0.503	0.592	0.628	0.622	0.604				
1,1,2-Trichloroethane		0.579	0.558	0.568	0.532	0.522				
Benzene		1.266	1.220	1.166	1.196	1.122				
Bromoform	#	0.312	0.401	0.433	0.446	0.440				#
4-Methyl-2-Pentanone (MIBK)		0.574	0.508	0.530	0.473	0.416				
2-Hexanone		0.473	0.425	0.432	0.389	0.327				
Tetrachloroethene		0.610	0.515	0.524	0.502	0.482				
1,1,2,2-Tetrachloroethane	#	0.936	0.799	0.807	0.788	0.734				#
Toluene	*	3.230	2.825	2.865	2.727	2.553				*
Chlorobenzene	#	2.109	1.851	1.881	1.820	1.724				#
Ethylbenzene	*	3.618	3.228	3.296	3.171	2.932				*
Styrene		2.121	2.135	2.193	2.112	1.984				
Dichlorodifluoromethane		0.277	0.229	0.242	0.238	0.225				
Trichlorofluoromethane		0.285	0.316	0.334	0.347	0.343				
Acrylonitrile		0.099	0.088	0.095	0.093	0.086				
Vinyl Acetate		0.536	0.518	0.488	0.410					
Acrolein			0.023	0.024	0.024	0.022				
2-Chloroethylvinyl ether		0.409	0.481	0.498	0.513	0.515				
1,3-Dichlorobenzene			1.579	1.589	1.544	1.475				
1,4-Dichlorobenzene		2.108	1.611	1.635	1.587	1.522				
1,2-Dichlorobenzene		1.810	1.484	1.506	1.465	1.396				
Iodomethane		0.384	0.364	0.340	0.343	0.334				
1,2-Dibromoethane (EDB)		0.549	0.537	0.577	0.558	0.531				

FORM VI VOA SW846

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Instrument ID: MS52 ICAL Date(s): 02/10/00

Matrix: WATER Level: LOW

Min $\overline{RRF}$ for SPCC(#) = 0.100 (0.300 for Chlorobenzene & 1,1,2,2-Tetrachloroethane)
Max %RSD for CCC(*) = 30.0% Linear Fit(&); Requires Min r2 value

LAB FILE ID: RRF1 =0210-03.D RRF2 =0210-05.D
RRF3 =0210-06.D RRF4 =0210-07.D RRF5 =0210-08.D

COMPOUND	RRF1	RRF2	RRF3	RRF4	RRF5	$\overline{RRF}$	%RSD or r2
Ethyl methacrylate	0.824	0.772	0.786	0.715	0.613		
1,1,1,2-Tetrachloroethane	0.599	0.638	0.653	0.635	0.629		
1,2,3-Trichloropropane	2.392	2.179	2.204	2.145	2.004		
1,2-Dibromo-3-chloropropane	0.145	0.118	0.128	0.129	0.118		
Total Xylenes	0.952	0.875	0.895	0.853	0.798		
P&M Xylene	2.794	2.470	2.503	2.362	2.032		
O-Xylene	2.856	2.626	2.686	2.560	2.395		
trans-1,4-Dichloro-2-butene	1.214	1.239	1.261	1.226	1.090		
1,2-dichloroethane-d4	0.256	0.254	0.256	0.262	0.253		
Toluene-d8	1.981	1.962	1.983	1.952	1.923		
Bromofluorobenzene	0.971	0.966	0.966	0.979	0.984		
Dibromofluoromethane	0.228	0.236	0.237	0.232	0.232		

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Instrument ID: MS52 ICAL Date(s): 02/10/00

Matrix: WATER Level: LOW

Min $\overline{RRF}$ for SPCC(#) = 0.100 (0.300 for Chlorobenzene & 1,1,2,2-Tetrachloroethane)
Max %RSD for CCC(*) = 30.0% Linear Fit(&); Requires Min r2 value

LAB FILE ID: RRF6 =0210-04.D

COMPOUND		RRF6						$\overline{RRF}$	%RSD or r2
Chloromethane	#	0.388						0.399	12.7#
Bromomethane		0.166						0.164	10.7
Vinyl Chloride		0.325						0.338	2.8
Chloroethane		0.184						0.181	11.2
Methylene Chloride		0.301						0.308	9.8
Acetone								0.028	12.6
Carbon Disulfide		0.793						0.722	13.4
trans-1,2-Dichloroethene		0.268						0.286	6.5
1,1-Dichloroethene	*	0.242						0.255	6.6*
cis-1,2-Dichloroethene		0.285						0.298	3.4
1,1-Dichloroethane	#	0.472						0.467	5.6#
Chloroform	*	0.474						0.499	3.2*
1,2-Dichloroethane		0.370						0.375	2.8
2-Butanone (MEK)		0.155						0.135	13.2
1,1,1-Trichloroethane		0.359						0.377	2.9
Carbon Tetrachloride		0.320						0.343	4.8
Bromodichloromethane		0.341						0.374	7.1
Trichloroethene		0.271						0.293	4.4
Dibromochloromethane		0.502						0.575	10.0
1,1,2-Trichloroethane		0.528						0.548	4.3
Benzene		1.119						1.182	4.9
Bromoform	#	0.333						0.394	14.7#
4-Methyl-2-Pentanone (MIBK)		0.521						0.504	10.7
2-Hexanone		0.490						0.423	14.0
Tetrachloroethene		0.498						0.522	8.7
1,1,2,2-Tetrachloroethane	#	0.768						0.805	8.6#
Toluene	*	2.796						2.833	7.9*
Chlorobenzene	#	1.816						1.867	7.0#
Ethylbenzene	*	3.076						3.220	7.2*
Styrene		1.951						2.083	4.5
Dichlorodifluoromethane		0.227						0.240	8.2
Trichlorofluoromethane		0.285						0.318	8.8
Acrylonitrile		0.107						0.095	8.0
Vinyl Acetate		0.586						0.508	12.8
Acrolein		0.026						0.024	6.8
2-Chloroethylvinyl ether		0.467						0.480	8.3
1,3-Dichlorobenzene		1.574						1.552	3.0
1,4-Dichlorobenzene		1.574						1.673	12.9
1,2-Dichlorobenzene		1.431						1.515	9.9
Iodomethane		0.343						0.351	5.3
1,2-Dibromoethane (EDB)		0.518						0.545	3.8

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Instrument ID: MS52 ICAL Date(s): 02/10/00

Matrix: WATER Level: LOW

Min $\overline{RRF}$ for SPCC(#) = 0.100 (0.300 for Chlorobenzene & 1,1,2,2-Tetrachloroethane)
Max %RSD for CCC(*) = 30.0% Linear Fit(&); Requires Min r2 value

LAB FILE ID: RRF6 =0210-04.D

COMPOUND	RRF6					$\overline{RRF}$	%RSD or r2
Ethyl methacrylate	0.770					0.747	9.9
1,1,1,2-Tetrachloroethane	0.591					0.624	3.8
1,2,3-Trichloropropane	2.085					2.168	6.0
1,2-Dibromo-3-chloropropane	0.110					0.125	9.8
Total Xylenes	0.843					0.869	6.0
P&M Xylene	2.384					2.424	10.2
O-Xylene	2.529					2.609	6.0
trans-1,4-Dichloro-2-butene	1.163					1.199	5.2
1,2-dichloroethane-d4	0.265					0.258	1.9
Toluene-d8	1.954					1.959	1.1
Bromofluorobenzene	0.953					0.970	1.1
Dibromofluoromethane	0.226					0.232	1.8

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Instrument ID: MS52 CCV Date/Time (Lvl-1): 02/10/00 1243

Lab File ID: 0210-06 ICAL Date/Time (1st pt): 02/10/00 1121

Heated Purge: Y ICAL Date/Time (Last pt): 02/10/00 1526

COMPOUND	TYPE	AMT EXP	AMT FOUND	ICAL avgRF	CCV RF	MIN RF	%D	MAX %D
Chloromethane	AVG	50.0	50.0	0.399	0.404	0.100	1.2	20.0
Bromomethane	AVG	50.0	46.0	0.164	0.151		-7.9	20.0
Vinyl Chloride	AVG	50.0	50.0	0.338	0.342		1.2	30.0
Chloroethane	AVG	50.0	48.0	0.181	0.174		-3.9	20.0
Methylene Chloride	AVG	50.0	48.0	0.308	0.294		-4.5	20.0
Acetone	AVG	250	260	0.028	0.029		3.6	20.0
Carbon Disulfide	AVG	250	250	0.722	0.718		-0.6	20.0
trans-1,2-Dichloroethene	AVG	50.0	50.0	0.286	0.283		-1.0	20.0
1,1-Dichloroethene	AVG	50.0	48.0	0.255	0.248		-2.7	30.0
cis-1,2-Dichloroethene	AVG	50.0	50.0	0.298	0.302		1.3	20.0
1,1-Dichloroethane	AVG	50.0	51.0	0.467	0.478	0.100	2.4	20.0
Chloroform	AVG	50.0	51.0	0.499	0.509		2.0	30.0
1,2-Dichloroethane	AVG	50.0	51.0	0.375	0.384		2.4	20.0
2-Butanone (MEK)	AVG	250	240	0.135	0.132		-2.2	20.0
1,1,1-Trichloroethane	AVG	50.0	50.0	0.377	0.377		0.0	20.0
Carbon Tetrachloride	AVG	50.0	50.0	0.343	0.346		0.9	20.0
Bromodichloromethane	AVG	50.0	52.0	0.374	0.393		5.1	20.0
Trichloroethene	AVG	50.0	51.0	0.293	0.300		2.4	20.0
Dibromochloromethane	AVG	50.0	54.0	0.575	0.628		9.2	20.0
1,1,2-Trichloroethane	AVG	50.0	52.0	0.548	0.568		3.6	20.0
Benzene	AVG	50.0	49.0	1.182	1.166		-1.4	20.0
Bromoform	AVG	50.0	55.0	0.394	0.433	0.100	9.9	20.0
4-Methyl-2-Pentanone (MIBK)	AVG	250	260	0.504	0.530		5.2	20.0
2-Hexanone	AVG	250	260	0.423	0.432		2.1	20.0
Tetrachloroethene	AVG	50.0	50.0	0.522	0.524		0.4	20.0
1,1,2,2-Tetrachloroethane	AVG	50.0	50.0	0.805	0.807	0.300	0.2	20.0
Toluene	AVG	50.0	50.0	2.833	2.865		1.1	30.0
Chlorobenzene	AVG	50.0	50.0	1.867	1.881	0.300	0.7	20.0
Ethylbenzene	AVG	50.0	51.0	3.220	3.296		2.4	30.0
Styrene	AVG	50.0	53.0	2.083	2.193		5.3	20.0
Dichlorodifluoromethane	AVG	50.0	50.0	0.240	0.242		0.8	20.0
Trichlorofluoromethane	AVG	50.0	52.0	0.318	0.334		5.0	20.0
Acrylonitrile	AVG	250	250	0.095	0.095		0.0	20.0
Vinyl Acetate	AVG	500	480	0.508	0.488		-3.9	20.0
Acrolein	AVG	250	250	0.024	0.024		0.0	20.0
2-Chloroethylvinyl ether	AVG	50.0	52.0	0.480	0.498		3.8	20.0
1,3-Dichlorobenzene	AVG	50.0	51.0	1.552	1.589		2.4	20.0
1,4-Dichlorobenzene	AVG	50.0	49.0	1.673	1.635		-2.3	20.0
1,2-Dichlorobenzene	AVG	50.0	50.0	1.515	1.506		-0.6	20.0
Iodomethane	AVG	250	240	0.351	0.340		-3.1	20.0
1,2-Dibromoethane (EDB)	AVG	50.0	53.0	0.545	0.577		5.9	20.0

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Instrument ID: MS52 CCV Date/Time (Lvl-50): 02/10/00 1243

Lab File ID: 0210-06 ICAL Date/Time (1st pt): 02/10/00 1121

Heated Purge: Y ICAL Date/Time (Last pt): 02/10/00 1526

COMPOUND	TYPE	AMT EXP	AMT FOUND	ICAL avgRF	CCV RF	MIN RF	%D	MAX %D
Ethyl methacrylate	AVG	250	260	0.747	0.786		5.2	20.0
1,1,1,2-Tetrachloroethane	AVG	50.0	52.0	0.624	0.653		4.6	20.0
1,2,3-Trichloropropane	AVG	50.0	51.0	2.168	2.204		1.7	20.0
1,2-Dibromo-3-chloropropane	AVG	50.0	51.0	0.125	0.128		2.4	20.0
Total Xylenes	AVG	150	150	0.869	0.895		3.0	20.0
P&M Xylene	AVG	100	100	2.424	2.503		3.2	20.0
O-Xylene	AVG	50.0	51.0	2.609	2.686		3.0	20.0
trans-1,4-Dichloro-2-butene	AVG	50.0	52.0	1.199	1.261		5.2	20.0
1,2-dichloroethane-d4	AVG	50.0	50.0	0.258	0.256		-0.8	20.0
Toluene-d8	AVG	50.0	51.0	1.959	1.983		1.2	20.0
Bromofluorobenzene	AVG	50.0	50.0	0.970	0.966		-0.4	20.0
Dibromofluoromethane	AVG	50.0	51.0	0.232	0.237		2.2	20.0

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Instrument ID: MS52 CCV Date/Time (Lvl-1): 02/11/00 0949

Lab File ID: 0210-13 ICAL Date/Time (1st pt): 02/10/00 1121

Heated Purge: Y ICAL Date/Time (Last pt): 02/10/00 1526

COMPOUND	TYPE	AMT EXP	AMT FOUND	ICAL avgRF	CCV RF	MIN RF	%D	MAX %D	
Chloromethane	AVG	50.0	45.0	0.399	0.356	0.100	-10.8	20.0	
Bromomethane	AVG	50.0	45.0	0.164	0.149		-9.1	20.0	
Vinyl Chloride	AVG	50.0	42.0	0.338	0.285		-15.7	30.0	
Chloroethane	AVG	50.0	48.0	0.181	0.175		-3.3	20.0	
Methylene Chloride	AVG	50.0	46.0	0.308	0.284		-7.8	20.0	
Acetone	AVG	250	180	0.028	0.021		-25.0	20.0	<-
Carbon Disulfide	AVG	250	250	0.722	0.727		0.7	20.0	
trans-1,2-Dichloroethene	AVG	50.0	48.0	0.286	0.275		-3.8	20.0	
1,1-Dichloroethene	AVG	50.0	48.0	0.255	0.243		-4.7	30.0	
cis-1,2-Dichloroethene	AVG	50.0	49.0	0.298	0.293		-1.7	20.0	
1,1-Dichloroethane	AVG	50.0	49.0	0.467	0.457	0.100	-2.1	20.0	
Chloroform	AVG	50.0	49.0	0.499	0.485		-2.8	30.0	
1,2-Dichloroethane	AVG	50.0	48.0	0.375	0.364		-2.9	20.0	
2-Butanone (MEK)	AVG	250	200	0.135	0.111		-17.8	20.0	
1,1,1-Trichloroethane	AVG	50.0	50.0	0.377	0.373		-1.1	20.0	
Carbon Tetrachloride	AVG	50.0	50.0	0.343	0.342		-0.3	20.0	
Bromodichloromethane	AVG	50.0	50.0	0.374	0.376		0.5	20.0	
Trichloroethene	AVG	50.0	49.0	0.293	0.287		-2.0	20.0	
Dibromochloromethane	AVG	50.0	52.0	0.575	0.600		4.3	20.0	
1,1,2-Trichloroethane	AVG	50.0	50.0	0.548	0.549		0.2	20.0	
Benzene	AVG	50.0	49.0	1.182	1.168		-1.2	20.0	
Bromoform	AVG	50.0	55.0	0.394	0.433	0.100	9.9	20.0	
4-Methyl-2-Pentanone (MIBK)	AVG	250	250	0.504	0.501		-0.6	20.0	
2-Hexanone	AVG	250	220	0.423	0.370		-12.5	20.0	
Tetrachloroethene	AVG	50.0	47.0	0.522	0.493		-5.6	20.0	
1,1,2,2-Tetrachloroethane	AVG	50.0	51.0	0.805	0.818	0.300	1.6	20.0	
Toluene	AVG	50.0	48.0	2.833	2.714		-4.2	30.0	
Chlorobenzene	AVG	50.0	48.0	1.867	1.784	0.300	-4.4	20.0	
Ethylbenzene	AVG	50.0	48.0	3.220	3.119		-3.1	30.0	
Styrene	AVG	50.0	50.0	2.083	2.075		-0.4	20.0	
Dichlorodifluoromethane	AVG	50.0	45.0	0.240	0.217		-9.6	20.0	
Trichlorofluoromethane	AVG	50.0	47.0	0.318	0.299		-6.0	20.0	
Acrylonitrile	AVG	250	260	0.095	0.100		5.3	20.0	
Vinyl Acetate	AVG	500	490	0.508	0.500		-1.6	20.0	
Acrolein	AVG	250	270	0.024	0.026		8.3	20.0	
2-Chloroethylvinyl ether	AVG	50.0	48.0	0.480	0.459		-4.4	20.0	
1,3-Dichlorobenzene	AVG	50.0	50.0	1.552	1.543		-0.6	20.0	
1,4-Dichlorobenzene	AVG	50.0	48.0	1.673	1.595		-4.7	20.0	
1,2-Dichlorobenzene	AVG	50.0	48.0	1.515	1.472		-2.8	20.0	
Iodomethane	AVG	250	240	0.351	0.345		-1.7	20.0	
1,2-Dibromoethane (EDB)	AVG	50.0	51.0	0.545	0.560		2.8	20.0	

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Instrument ID: MS52 CCV Date/Time (Lvl-50): 02/11/00 0949

Lab File ID: 0210-13 ICAL Date/Time (1st pt): 02/10/00 1121

Heated Purge: Y ICAL Date/Time (Last pt): 02/10/00 1526

COMPOUND	TYPE	AMT EXP	AMT FOUND	ICAL avgRF	CCV RF	MIN RF	%D	MAX %D
Ethyl methacrylate	AVG	250	250	0.747	0.759		1.6	20.0
1,1,1,2-Tetrachloroethane	AVG	50.0	50.0	0.624	0.627		0.5	20.0
1,2,3-Trichloropropane	AVG	50.0	50.0	2.168	2.162		-0.3	20.0
1,2-Dibromo-3-chloropropane	AVG	50.0	52.0	0.125	0.130		4.0	20.0
Total Xylenes	AVG	150	150	0.869	0.844		-2.9	20.0
P&M Xylene	AVG	100	98.0	2.424	2.367		-2.4	20.0
O-Xylene	AVG	50.0	48.0	2.609	2.533		-2.9	20.0
trans-1,4-Dichloro-2-butene	AVG	50.0	52.0	1.199	1.246		3.9	20.0
1,2-dichloroethane-d4	AVG	50.0	50.0	0.258	0.257		-0.4	20.0
Toluene-d8	AVG	50.0	50.0	1.959	1.958		-0.0	20.0
Bromofluorobenzene	AVG	50.0	50.0	0.970	0.979		0.9	20.0
Dibromofluoromethane	AVG	50.0	51.0	0.232	0.238		2.6	20.0

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab File ID (Standard): 0210-03 Date Analyzed: 02/10/00

Instrument ID: MS52 Time Analyzed: 1526

Matrix: WATER Level: LOW

		IS1(CBZ) AREA #	RT	IS2(DCB) AREA #	RT	IS3(FBZ) AREA #	RT
	12 HOUR STD	926518	21.51	831774	27.72	2076847	13.84
	UPPER LIMIT	1853036	22.01	1663548	28.22	4153694	14.34
	LOWER LIMIT	463259	21.01	415887	27.22	1038424	13.34
	CLIENT ID.						
01	J200210-MBLCS	929746	21.51	829319	27.72	2062909	13.84
02	KB-11-13-A-FEB0	915731	21.51	819910	27.71	2048989	13.85
03	KB-11-13-A-FEB0	925050	21.52	831767	27.72	2060481	13.85
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (CBZ) = Chlorobenzene-d5
IS2 (DCB) = 1,4-Dichlorobenzene-d4
IS3 (FBZ) = Fluorobenzene

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA SW846

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Columbia Analytical Services - JAX

Case No.: J2000449 SDG No.: J2000449

Lab File ID (Standard): 0210-13 Date Analyzed: 02/11/00

Instrument ID: MS52 Time Analyzed: 0949

Matrix: WATER Level: LOW

		IS1(CBZ) AREA #	RT	IS2(DCB) AREA #	RT	IS3(FBZ) AREA #	RT
	12 HOUR STD	976175	21.51	873697	27.71	2154127	13.85
	UPPER LIMIT	1952350	22.01	1747394	28.21	4308254	14.35
	LOWER LIMIT	488088	21.01	436849	27.21	1077064	13.35
	CLIENT ID.						
01	J200210-MB	983424	21.51	850321	27.71	2190364	13.85
02	KB-11-13-A-FEB0	971662	21.51	854200	27.72	2158254	13.85
03	KB-11-13-A-FEB0	946915	21.51	864032	27.71	2119379	13.84
04	KB-11-2-FEB00	941876	21.51	846738	27.72	2119519	13.85
05	KB-11-34-FEB00	936160	21.51	831999	27.71	2093486	13.85
06	PS-2-FEB00	932061	21.51	850867	27.72	2090366	13.85
07	KB-11-15-FEB00	930341	21.51	823795	27.72	2071563	13.85
08	KB-11-15(D)-FEB	923007	21.51	816847	27.71	2060080	13.85
09	KB-11-17B-FEB00	910516	21.51	825915	27.72	2025287	13.85
10	KB-11-16-FEB00	921608	21.51	828808	27.72	2035787	13.85
11	KB-11-37-FEB00	899943	21.51	803851	27.71	2004445	13.85
12	KB-11-EB-FEB00	903317	21.51	819750	27.71	2010268	13.85
13	TRIP BLANK	906708	21.51	814050	27.71	2005584	13.85
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (CBZ) = Chlorobenzene-d5
IS2 (DCB) = 1,4-Dichlorobenzene-d4
IS3 (FBZ) = Fluorobenzene

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA SW846

CHAIN OF CUSTODY/LABORATORY ANALYSIS REPORT FORM

Columbia Analytical Services INC.
An Employee-Owned Company
8540 Baycenter Rd. • Jacksonville, FL 32256 • (904) 739-2277 • 800-695-7222 • FAX (904) 739-2011

DATE 02-04-00 PAGE 1 OF 3

PROJECT NAME NSB KINGS BAY
PROJECT # SITE 11
COMPANY/ADDRESS PO Box 47248
Kings Bay GA 31547
PHONE 673-2007 912
REPORT TO: Fred Coley 41-8536

ANALYSIS REQUEST

SAMPLE I.D.	DATE	TIME	SAMPLE MATRIX	NUMBER OF CONTAINERS	Ground Water Bioattention Stimulants (See Attached) 8260	REMARKS
KB-11-13-A-FEB 00	02-04-00	11:51	WATER	3	✓	
KB-11-2 - FEB 00	02-04-00	2:47	WATER	3	✓	
KB-11-34 - FEB 00	02-07-00	9:21	WATER	3	✓	
PS-2 - FEB 00	02-07-00	10:22	WATER	3	✓	
KB-11-15 - FEB 00	02-07-00	11:23	WATER	3	✓	
KB-11-15(D) - Feb 00	02-07-00	11:25	WATER	3	✓	
KB-11-17B - Feb 00	02-07-00	1:36	WATER	3	✓	
KB-11-16 - Feb 00	02-07-00	2:33	WATER	3	✓	
KB-11-37 - Feb 00	02-08-00	9:25	WATER	3	✓	
KB-11-EB - Feb 00	02-08-00	10:05	WATER	3	✓	

RELINQUISHED BY:
Signature: Fred Coley
Printed Name: Fred Coley
Firm: JAJMS
Date/Time: 8 Feb 00 1413

RECEIVED BY:
Signature: Joseph Wray
Printed Name: Joseph Wray
Firm: S.A. Jove
Date/Time: 2/08/00 1:45

TURNAROUND REQUIREMENTS
___ 24 hr. ___ 48 hr. ___ 5 day
✓ Standard (7-10 working days)
___ Provide Verbal Preliminary Results
✓ Provide FAX Preliminary Results
Requested Report Date ___

REPORT REQUIREMENTS
✓ I. Routine Report
___ II. Report (includes DUP.MAS. MSD, as required, may be charged as samples)
___ III. Data Validation Report (includes All Raw Data)
✓ IV. CLP Deliverable Report

INVOICE INFORMATION:
P.O.# ___
Bill To ___

SAMPLE RECEIPT:
Shipping VIA: ___
Shipping to: ___
Condition: ___
Lab No: ___

RELINQUISHED BY:
Signature: [illegible]
Printed Name: JONES
Firm: Daytona
Date/Time: ___

RECEIVED BY:
Signature: [illegible]
Printed Name: RAIMA GENERAL
Firm: CAS
Date/Time: 2/9/00 1415

SPECIAL INSTRUCTIONS/COMMENTS:

Steven J. Taylor
SAMPLER'S SIGNATURE

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form

Client: JA Jones Management Services Work order: J2000449
Project: NSB Kings Bay / Site 11
Cooler received on 2/9/00 1415 and opened on 2/9/00 1415 by RG

		Yes	No	N/A
1	Were custody seals on outside of cooler?	☐	☐	☒
	If yes, how many and where?			☒
	Were signature and date correct?	☐	☐	☒
2	Were custody papers properly filled out (ink, signed, etc....)?	☒	☐	☐
3	Did all bottles arrive in good condition (unbroken, etc....)?	☒	☐	☐
4	Were all bottle labels correct (analysis, preservation, etc....)?	☒	☐	☐
5	Did all bottle labels and tags agree with custody papers?	☒	☐	☐
6	Were correct bottles used for test indicated?	☒	☐	☐
7	Were VOA vials checked for absence of air bubbles, and noted?	☒	☐	☐
8	Temperature of cooler upon receipt	3.1 Degrees C		

Explain any discrepancies: Sample hand delivered

		Yes	No
pH	Reagent		
12	NaOH		
2	HNO_3		
2	H_2SO_4		

Yes = all samples OK
No = Samples were preserved at lab as listed

Comments:

Sample I.D.	Reagent	Vol.