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QUARTERLY GROUNDWATER MONITORING REPORT AT SITE 11 SEPTEMBER - NOVEMBER 2000 NSB KINGS BAY GA

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J A JONES MANAGEMENT SERVICES

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Quarterly Groundwater Monitoring Report

September - November 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:

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QUARTERLY GROUNDWATER MONITORING REPORT
SEPTEMBER – NOVEMBER 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

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September-November 2000

The work described and professional opinions rendered in this document, *Quarterly Groundwater Monitoring Report, September-November 2000, Site 11, Old Camden County Landfill, Naval Submarine Base Kings Bay, Georgia* 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 engineer registered in the State of Georgia.

12-1-00

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Professional Engineer
State of Georgia License No. 026167
Expires December 31, 2001

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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
Ug/L	micrograms per liter
Ppm	parts per million

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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 September 2000 through November 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 clear and dry, with temperatures ranging from low to mid 50s in the morning and to the high 70s 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. KBA-11-02 which was dry at last sampling event contained 2 ft of water.

Well Measurements – Well measurements included headspace readings, depth to water, and the 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 >2.0 ppm. The highest PID reading of >2.0 ppm was observed at well PS-2.

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 14.3 ft below the top of the well casing (24.00 ft MSL) at the source area to approximately 2.76 ft below the top of the casing (17.50 ft MSL). 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

Six (6) 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 and 2000. A tabulation of historical results and the complete analytical data report for quarterly sampling are provided in Appendix A. The complete set of subdivision irrigation sampling and analysis data is not included in this report.

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

- Vinyl chloride (4.0 ug/L), Cis-1, 2 – Dichlorethene (160 ug/L), Trichloroethene (54.0 ug/L), Chlorobenzene (5.0 ug/L) were exceeded in KBA-11-13A;
- Tetrachloroethene (79.0 ug/L) was exceeded in KBA-11-34;
- 1,1-Dichloroethane (4.0 ug/L), Vinyl Chloride (3.0ug/L) and Benzene (5.0 ug/L) were exceeded in PS-2;
- Chlorobenzene (3.0 ug/L) was exceeded in KBA-11-37.
- 1,1-Dichloroethane (2.0 ug/L) was exceeded in KBA-11-16

Chlorinated hydrocarbons tetrachloroethene and its degradation constituents trichloroethene, cis-1, 2-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 and this concentration increased from the August 2000 quarterly sampling event.

Immediately downgradient to the source area at well KBA-11-13A, tetrachloroethene remains below the standard and cis-1,2-dichloroethene, trichloroethene, chlorobenzene and vinyl chloride remain above the standard (Figures 3 and 4). There was an increase in trichloroethene, tetrachloroethene and a decrease of cis-1, 2-dichloroethene and vinyl chloride concentrations at KBA-11-13A from the last quarter, while the chlorobenzene concentrations stayed constant.

Piezometer PS-2 continues to show detectable levels of chlorinated and volatile compounds and exceeds the standard for 1,1-dichloroethane, vinyl chloride and benzene. Results from the quarterly sampling event indicate minor change from the previous quarter.

Offsite well KBA-11-37 shows detectable levels of both chlorinated and volatile compounds with only chlorobenzene exceeding the standard indicating minor change from the previous quarter.

Offsite well KBA-11-16 shows 1,1-dichloroethane as exceeding the standard which is a minor increase from the previous quarter.

Appendix IX Analyses – Wells requiring Appendix IX analyses were sampled August 2000 in accordance with the Groundwater Monitoring Plan. Table 5 summarizes the results of Appendix IX analyses from August 1999 and August 2000.

Subdivision Irrigation Wells – Three irrigation wells are sampled each month in the Crooked River Plantation subdivision. The irrigation wells sampled are at 102 Plantation Ct, 122 Plantation Ct, and 108 Cottage Ct. The analytical data from January to November 2000 is summarized in Table 6. Trichlorethene is detected above groundwater protection standards at 102 Plantation Ct. The concentration was as high as 150 ug/L in the August 2000 sample compared to a standard of 5.0 ug/L. Vinyl chloride is detected above groundwater protection standards at 122 Plantation Ct and cis-1, 2-dichloroethene is detected, but at concentrations less than standards. Cis-1, 2-dichloroethene is detected at 108 Cottage Ct., but at concentrations less that the standards.

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) During the last sampling event, KBA-11-02 was dry but during this sampling event there was sufficient water to collect samples. The 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 and offsite well KBA-11-16 showed 1,1-dichloroethane above the criteria. Piezometer PS-2 continues to have constituents that exceed the standards.

(4) Appendix IX analysis shows several volatile and semi volatile organics and inorganics above the background conditions.

(5) Trichloroethene (102 Plantation Ct.) and vinyl chloride (122 Plantation Ct.) is being detected consistently above groundwater protection standards.

3.2 RECOMMENDATIONS

Continue quarterly groundwater monitoring as scheduled in the Groundwater Monitoring Plan. The next sampling event is scheduled for February 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.

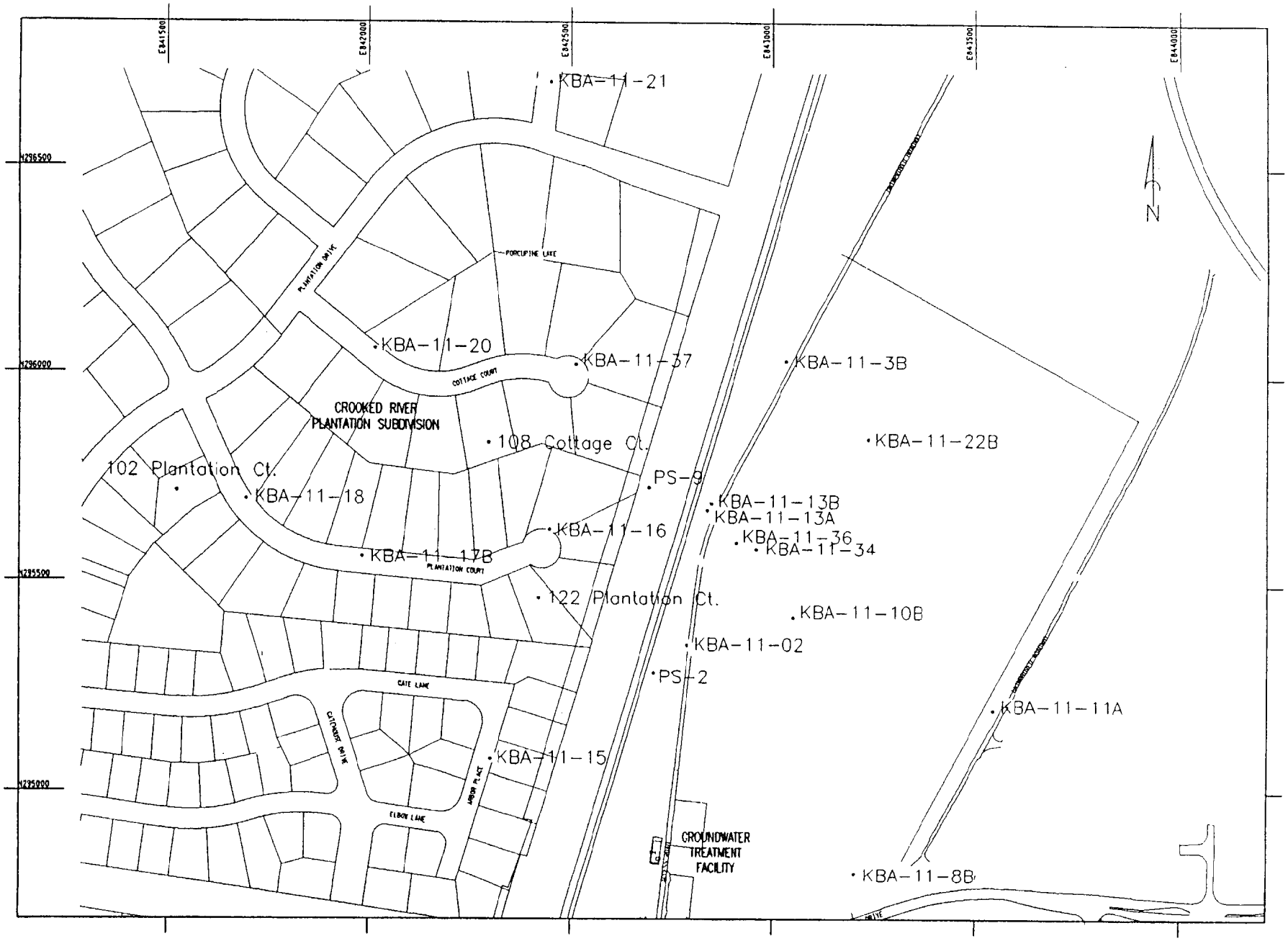
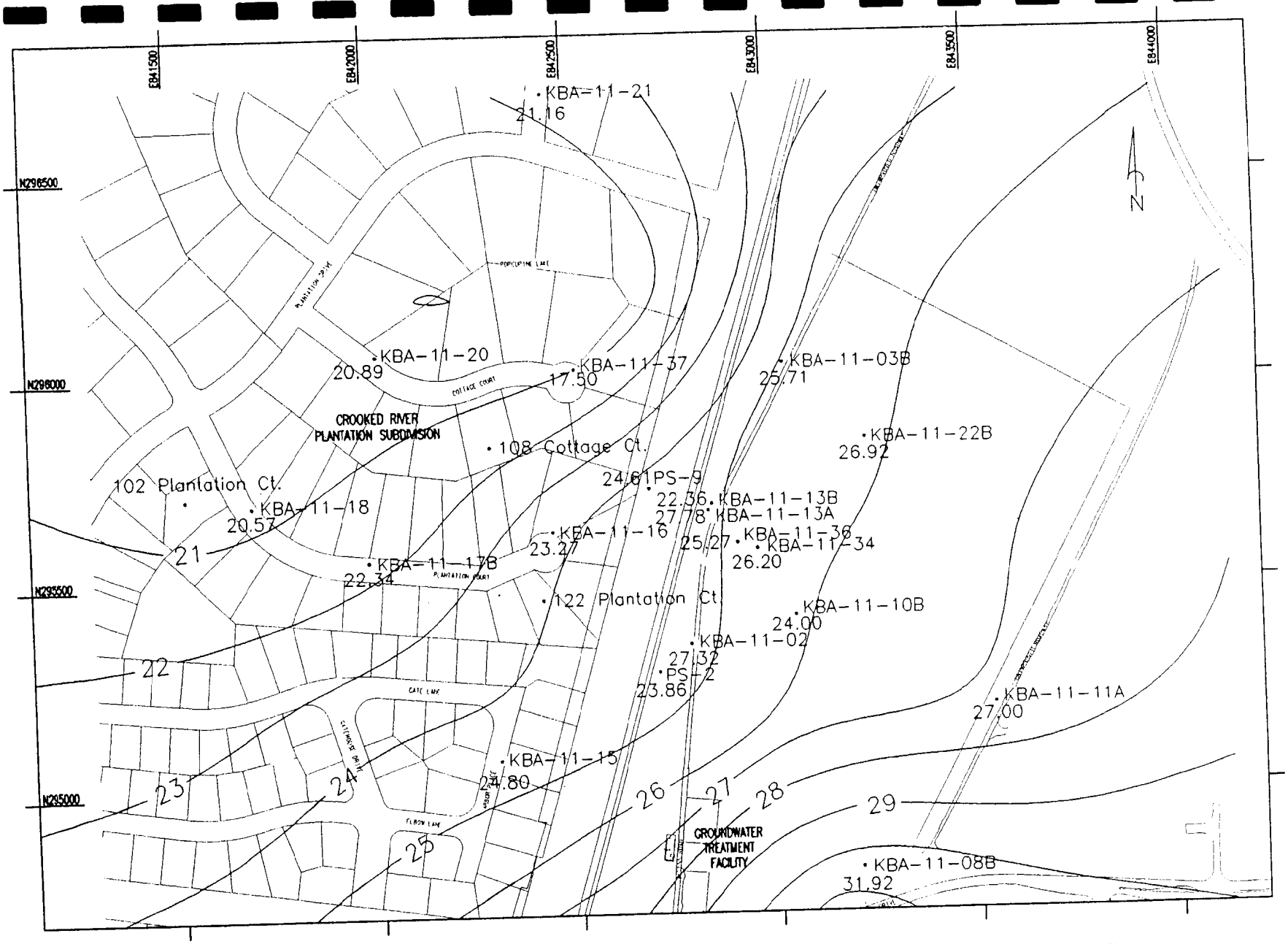


FIGURE 1: Site Map



Groundwater Elevation Map November 2000

Contour Interval=1.0 ft

FIGURE 2: Groundwater Elevation Map–November 2000

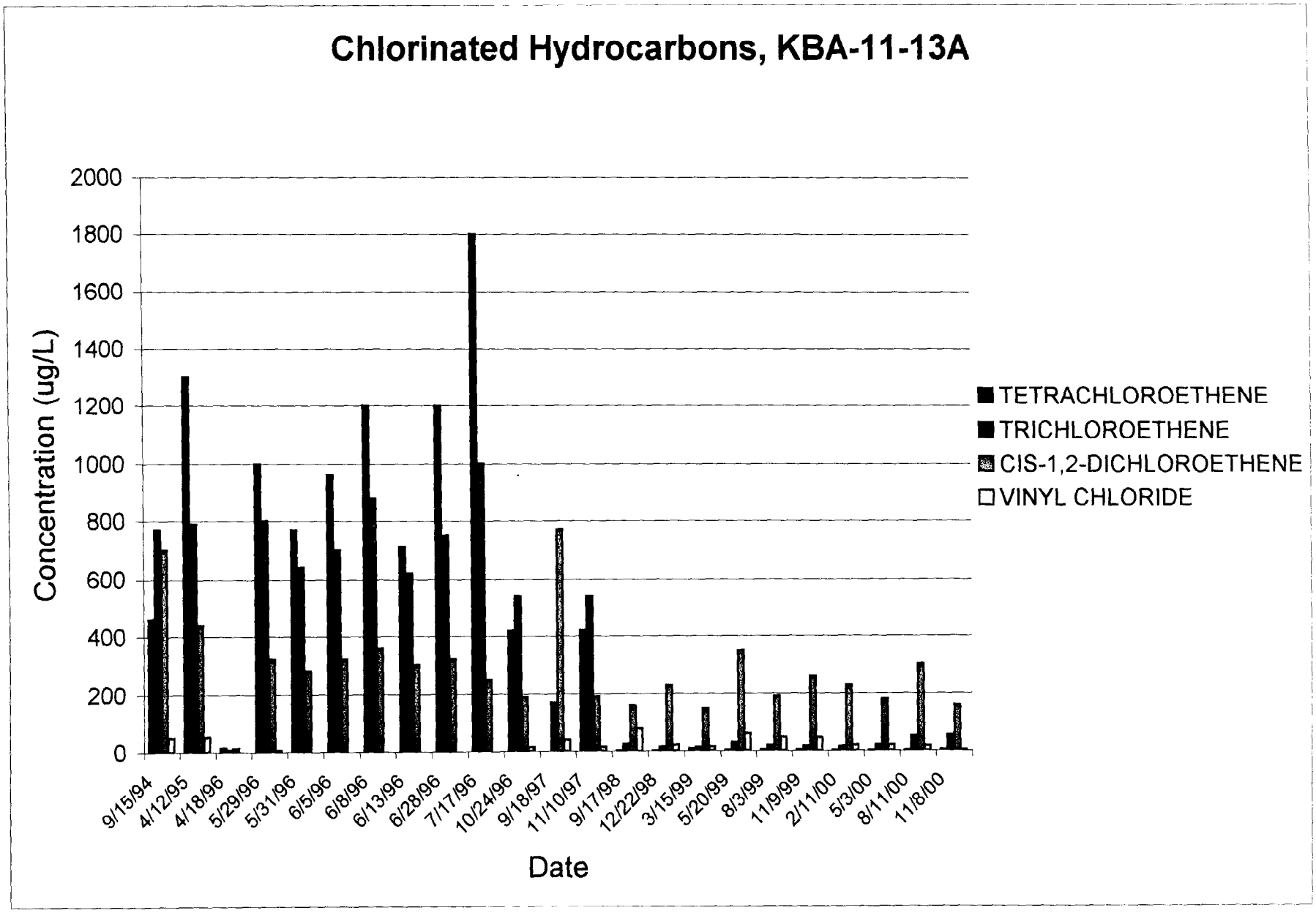
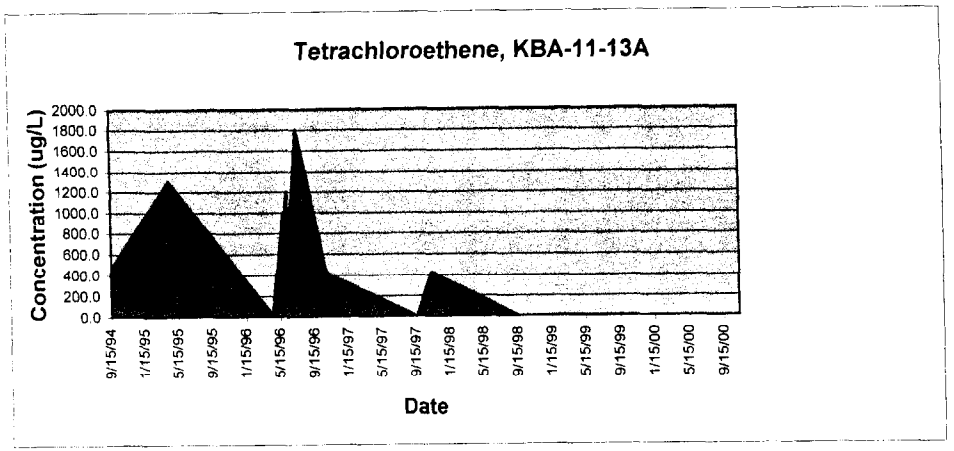
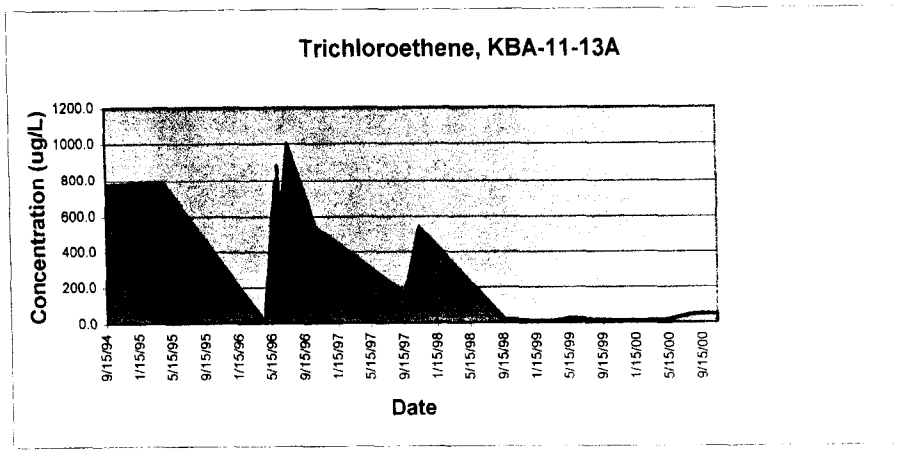
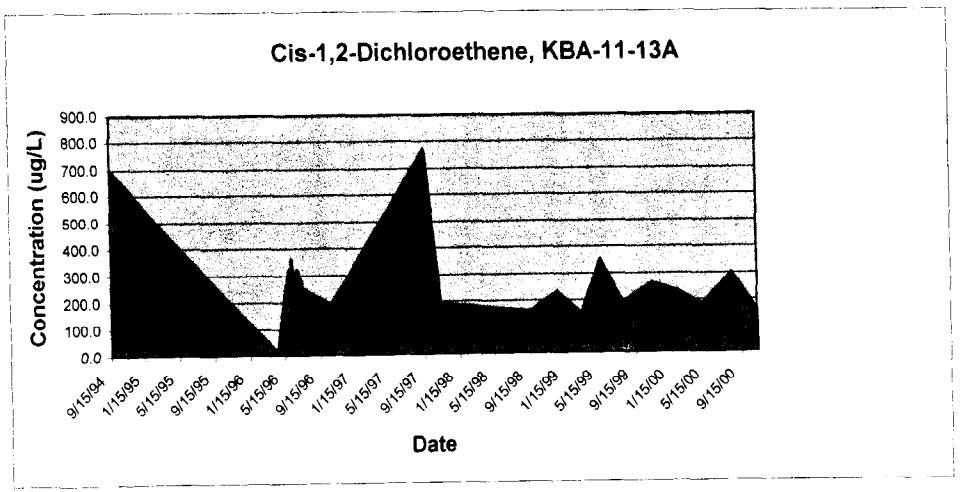


FIGURE 3 - CHLORINATED HYDROCARBONS, KBA-11-13A







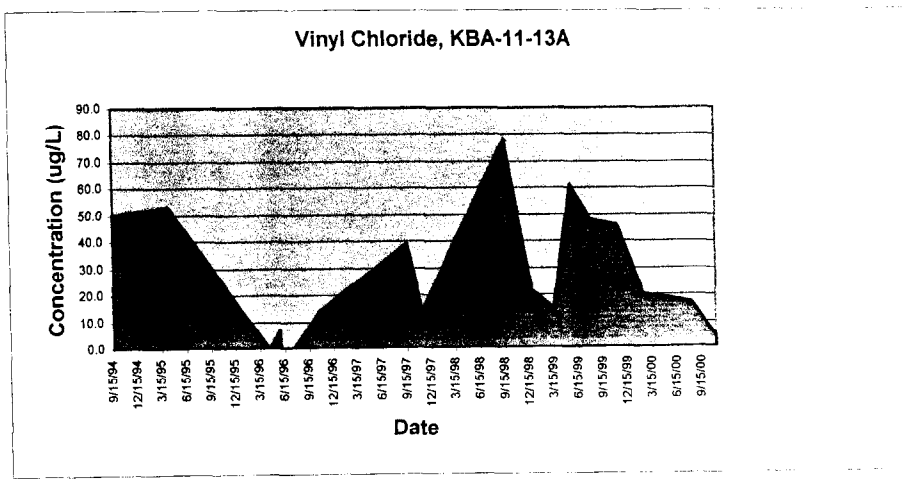


FIGURE 4 - CHLORINATED HYDROCARBON TRENDS, WELL KBA-11-13A

Table 1
Headspace Readings

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

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-11-15	11-8-00	0
	8-9-00	0
	5-2-00	0
	2-7-00	0
	11-9-99	2.5
	8-17-99	2,200
KBA-11-16	11-8-00	0
	8-9-00	0
	5-2-00	0
	2-7-00	0
	11-9-99	1
	8-17-99	3,500
KBA-11-17B	11-8-00	0
	8-9-00	0
	5-3-00	0
	2-7-00	0
	11-9-99	5
	8-17-99	2,700
KBA-11-18	11-8-00	0
	8-1-00	NM
	5-3-00	0
	2-1-00	NM
	11-9-99	11
	8-17-99	3,600
KBA-11-20	11-8-00	0
	8-1-00	NM
	5-2-00	0
	2-1-00	NM
KBA-11-21	11-8-00	0
	8-1-00	NM
	5-2-00	0
	2-1-00	NM
	11-9-99	7.5
	8-3-99	3
KBA-11-22B	11-8-00	0
	8-1-00	NM
	5-2-00	0
	2-1-00	NM
	11-8-99	0.6
	8-3-99	7

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-11-34	11-8-00	0
	8-8-00	0
	5-2-00	0
	2-7-00	0.4
	11-8-99	2
	8-3-99	1,400
KBA-11-36	11-8-00	0
	8-1-00	NM
	5-2-00	0
	2-1-00	NM
	11-8-99	0.6
	8-3-99	10
KBA-11-37	11-8-00	0
	8-9-00	0
	5-4-00	>2000
	2-8-00	0
	11-9-99	3
	8-16-99	400
PS-2	11-8-00	2.0
	8-8-00	>2000
	5-3-00	>2000
	2-7-00	0
	11-8-99	0.5
	8-16-99	NM
PS-9	11-8-00	0
	8-1-00	NM
	5-2-00	0
	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	11-8-00	36.02	8.65	29.32	15.00	10.60
	8-8-00		no water	no water		10.80
	5-2-00		10.1	25.9		14.00
	2-4-00		11.5	24.52		15.30
	11-8-99		9.61	26.41		15.19
	8-2-99		11.37	24.65		15.42
KBA-11-03B	11-6-00	33.49	7.78	25.71	47.00	47.50
	8-15-00		10.4	23.09		47.50
	5-2-00		8.7	24.79		47.10
	2-24-00		9.5	23.99		49.10
	11-8-99		8.54	24.95		47.77
	8-2-99		10.01	23.48		47.82
KBA-11-08B	11-20-00	38.20	11.54	31.42	43.00	43.46
	8-15-00		14.0	24.20		43.50
	5-2-00		12.1	26.1		43.80
	2-24-00		13.40	24.80		44.90
	11-8-99		12.04	26.16		43.75
	8-2-99		13.74	24.46		43.77
KBA-11-10B	11-6-00	38.03	14.03	24.00	51.50	54.34
	8-8-00		14.9	23.13		52.20
	5-2-00		12.8	25.23		53.40
	2-24-00		13.50	24.53		53.00
	11-8-99		12.31	25.72		51.62
	8-2-99		13.90	24.13		51.67
KBA-11-11A	11-13-00	35.85	8.85	27.00	37.00	36.86
	8-10-00		11.7	24.15		37.40
	5-2-00		9.4	26.45		37.00
	2-24-00		11.10	24.75		37.20
	11-8-99		9.61	24.42		37.12
	8-2-99		11.40	24.45		37.12
KBA-11-13A	11-8-00	34.20	6.52	27.78	42.50	42.30
	8-10-00		11.2	23.00		42.90
	5-2-00		9.3	24.90		42.00
	2-4-00		10.2	24.00		42.40
	11-8-99		9.25	24.95		42.75
	8-2-99		10.77	23.43		42.52

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-11-13B	11-6-00	34.86	12.50	22.36	90.70	91.60
	8-8-00		14.6	20.26		91.80
	5-2-00		12.8	22.06		91.00
	2-24-00		13.60	21.26		91.40
	11-8-99		12.88	21.98		90.72
	8-2-99		14.27	20.59		90.77
KBA-11-15	11-7-00	28.49	3.69	24.80	39.00	38.70
	8-9-00		5.7	22.29		39.30
	5-2-00		3.9	24.59		38.00
	2-7-00		4.8	23.69		39.00
	11-9-99		4.07	24.42		39.17
	8-2-99		5.60	22.89		39.22
KBA-11-16	11-8-00	28.66	4.39	23.27	44.90	44.45
	8-9-00		6.4	22.26		45.10
	5-3-00		3.9	24.76		44.00
	2-7-00		5.3	23.36		45.30
	11-9-99		4.73	23.93		44.72
	8-2-99		6.17	22.49		44.77
KBA-11-17B	11-7-00	25.41	3.07	22.34	44.80	45.30
	8-9-00		4.6	20.81		45.00
	5-3-00		2.7	22.71		42.30
	2-7-00		3.6	21.81		44.40
	11-9-99		3.03	22.38		44.67
	8-2-99		4.61	20.80		44.72
KBA-11-18	11-8-00	22.81	2.18	20.87	45.80	47.51
	8-15-00		3.7	19.11		45.40
	5-3-00		1.5	21.31		45.50
	2-25-00		2.70	20.11		46.80
	11-9-99		2.05	20.76		45.77
	8-2-99		3.67	19.14		45.82
KBA-11-20	11-8-00	23.07	2.40	21.10	40.00	39.84
	8-15-00		3.6	19.47		40.20
	5-2-00		1.60	21.47		40.90
	2-25-00		2.60	20.47		40.90
	11-9-99		1.94	21.13		40.12
	8-2-99		3.22	19.85		40.12

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-11-21	11-8-00	23.56	2.40	21.10	40.40	40.20
	8-15-00		3.6	21.96		40.20
	5-2-00		2.1	21.46		40.80
	2-25-00		2.90	20.66		41.80
	11-9-99		2.4	21.16		40.57
	8-2-99		3.75	19.81		40.57
KBA-11-22B	11-8-00	36.13	9.11	26.92	52.60	52.30
	8-15-00		11.4	24.73		52.30
	5-2-00		10.8	25.33		52.20
	2-25-00		11.6	24.53		53.60
	11-8-99		10.34	25.79		52.59
	8-2-99		11.92	24.21		52.62
KBA-11-34	11-8-00	37.51	11.31	26.20	40 est	40.76
	8-8-00		14.3	23.21		41.60
	5-2-00		12.3	25.21		41.40
	2-7-00		13.2	24.31		41.04
	11-8-99		12.18	25.33		41.07
	8-2-99		13.75	23.76		41.07
KBA-11-36	11-8-00	37.91	12.06	25.27	40 est	41.62
	8-15-00		14.6	23.31		41.40
	5-4-00		12.9	25.01		41.40
	2-24-00		14.02	23.91		42.50
	11-8-99		12.84	25.07		41.65
	8-2-99		14.34	23.57		41.67
KBA-11-37	11-8-00	26.26	2.76	17.50	38.50	30.20
	8-9-00		4.1	22.16	38.50	38.60
	5-4-00		2.4	23.86		38.20
	2-8-00		3.2	23.06		38.40
	11-9-99		2.86	23.4		38.46
	8-16-99		4.15	22.11		38.57
PS-2	11-8-00	32.71	8.85	23.86	40.67	36.86
	8-8-00		9.9	22.81		37.50
	5-4-00		7.2	25.51		36.80
	2-7-00		8.8	23.91		36.80
	11-8-99		7.80	24.91		37.47
	8-17-99		9.6	23.11		39.60 est
PS-9	11-8-00	28.72	3.97	24.61	35.45	34.14
	8-15-00		5.8	22.92		34.10
	5-4-00		3.20	25.52		34.10
	2-25-00		6.20	22.52		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	11-8-00	6	23.7	6.62	-189	0.325	7	0.67
	8-8-00		no water – well was not purged					
	5-3-00	6	22.5	6.8	NM	0.440	10	2.30
	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	8-8-00	6	25.0	6.3	-65	0.295	12	0.04
	8-2-99	6	25.6	5.14	-221	0.304	2	NM
KBA-11-11A	8-10-00	6	22.9	6.0	-18	0.071	4	0.01
KBA-11-13A	11-8-00	6	24.3	5.40	-81	1.30	4	0.40
	8-10-00	6	23.7	6.2	-48	1.35	1	0.11
	5-3-00	6	24.5	6.4	-113	0.561	10	1.10
	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	8-8-00	6	24.3	7.5	-37	0.241	2	0.07
	8-3-99	8	24.9	7.15	-43	0.267	0	NM
KBA-11-15	8-9-00	6	24.2	5.7	-41	0.694	3	0.13
	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	11-8-00	6	25.02	5.02	-102	0.302	4	0.15
	8-9-00	6	24.6	5.6	-67.7	0.331	1	0.06
	5-4-00	6	23.6	6.1	NM	0.146	10	3.70
	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

Table 3 continued on following page

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

Table 3 Continued
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-11-17B	8-9-00	6	24.3	6.8	-101	0.073	2	0.01
	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	11-8-00	6	26.03	3.51	-189	1.73	-44	1.73
	8-8-00	6	27.8	3.7	-315	1.78	38	0.02
	5-4-00	6	25.8	3.9	-119	1.36	10	5.85
	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	11-8-00	6	26.2	5.67	-73	0.533	4.3	0.86
	8-9-00	6	24.6	6.2	-119	0.551	3	0.03
	5-4-00	6	24.0	6.3	NM	0.517	10	1.75
	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	11-8-00	6	24.2	5.40	-92	0.298	4	0.48
	8-9-00	6	23.0	5.0	-108	0.300	2	0.04
	5-3-00	6	21.6	5.7	NM	0.317	10	1.30
	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**	
Date		8-11-00	5-4-00	2-11-00	11-9-99	8-3-99	8-11-00	8-2-99	8-11-00	8-2-99
Tetrachloroethene	5.0	Unable to sample – no water	1.0U	1.0U	3.0U	3.0U	1.0U	3.0U	1.0U	3.0U
Trichloroethene	5.0	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Cis -1,2-dichloroethene	70	NS	1.0U	1.0U	1.0U	1.0U	1.0	1.6I	1.0U	1.0U
Trans-1,2 dichloroethene	100	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-dichloroethene	7.0	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-dichloroethane	1.0	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-dichloroethane	5.0	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Vinyl Chloride	2.0	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroethane	1.0	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Benzene	5.0	NS	1.0U	1.0U	1.0U	1.0U	1.0	1.6	1.0U	1.0U
Ethylbenzene	700	NS	1.0U	1.0U	1.0U	1.0U	5.0	10	1.0U	1.0U
Toluene	1,000	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Total xylenes	10,000	NS	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	1.0U	3.0U
Chlorobenzene	1.0	NS	1.0U	1.0U	1.0U	1.0U	1.0	**2.5**	1.0U	1.0U
1,4-dichlorobenzene	75	NS	1.0U	1.0U	1.0U	1.0U	1.0	1.5	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-11-13A**								**KBA-11-13B**	
Date		11-8-00	8-11-00	8-11-00 (Duplicate)	5-4-00	2-11-00	11-9-99	11-9-99 (Duplicate)	8-3-99	8-11-00	8-3-99
Tetrachloroethene	5.0	3.0U	1.0U	1.0U	1.0U	1.0U	30U	3.0U	3.0U	1.0U	3.0U
Trichloroethene	5.0	**54.0**	**51.0**	**40.0**	**20.0**	**14.0**	**15I**	**17**	**19**	1.0U	1.0U
Cis -1,2-dichloroethene	70	**160**	**300 E**	**190**	**180**	**230**	**260**	**210**	**190**	1.0U	1.0U
Trans-1,2 dichloroethene	100	7.0	9.0	7.0	6.0	6.0	10U	6.6	7.4	1.0U	1.0U
1,1-dichloroethene	7.0	1.0U	1.0U	1.0U	1.0U	1.0U	10U	1.0U	1.0U	1.0U	1.0U
1,1-dichloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	10U	1.0U	1.0U	1.0U	1.0U
1,2-dichloroethane	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	10U	1.0U	1.0U	1.0U	1.0U
Vinyl Chloride	2.0	**4.0**	**17.0**	**11.0**	**19.0**	**20.0**	**46**	**42**	**48**	1.0U	1.0U
Chloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	10U	1.0U	1.0U	1.0U	1.0U
Benzene	5.0	1.0	1.0	1.0	2.0	2.0	10U	1.3I	1.1I	1.0U	1.0U
Ethylbenzene	700	57	71	51.0	67	64.0	65	92	66	1.0U	1.0U
Toluene	1,000	1.0U	0.9	0.7	2.0	2.0	10U	4.2	2.7	1.0U	1.0U
Total xylenes	10,000	2.0U	0.7	3.0	4.0	23.0	24I	49	14.4	3.0U	3.0U
Chlorobenzene	1.0	**5.0**	**5.0**	**4.0**	**5.0**	**6.0**	10U	**8.2**	**6.2**	1.0U	1.0U
1,4-dichlorobenzene	75	3.	3.0	2.0	3.0	4.0	10U	5.2	4.0	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-11-15				KBA-11-16					
Date		8-11-00	2-11-00	2-11-00 (Duplicate)	8-3-99	8-11-00	5-4-00	5-4-00 (Duplicate)	2-11-00	11-9-99	8-3-99
Tetrachloroethene	5.0	1.0U	1.0	1.0	3.0U	1.0U	1.0U	1.0U	1.0U	3.0U	3.0U
Trichloroethene	5.0	1.0U	1.0U	1.0U	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	2.0	2.0	2.0	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	1.0U	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
1,1-dichloroethane	1.0	1.0U	1.0U	1.0U	1.0U	**2.0**	1.0U	0.6U	**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	1.0U	1.0U	1.0U
Vinyl Chloride	2.0	1.0U	1.0U	1.0U	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	1.0U	1.0U	1.0U
Benzene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	700	1.0U	1.0U	1.0U	1.0U	0.8J	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	1.0U	1.0U	1.0U
Total xylenes	10,000	3.0U	3.0U	3.0U	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	1.0U	1.0U	1.0U
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	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				
Date		8-11-00	2-11-00	8-3-99	8-11-00	5-4-00	2-11-00	11-9-99	8-3-99
Tetrachloroethene	5.0	1.0U	1.0U	3.0U	**63.0**	**89.0**	**83.0**	**22**	**17**
Trichloroethene	5.0	1.0U	1.0U	1.0U	0.6J	1.0	2.0	1.0U	1.0U
Cis -1,2-dichloroethene	70	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Trans-1,2 dichloroethene	100	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
1,1-dichloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-dichloroethane	5.0	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	1.0U	1.0U
Chloroethane	1.0	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	1.0U	1.0U	1.0U
Ethylbenzene	700	1.0U	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	1.0U
Total xylenes	10,000	3.0U	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	1.0U
1,4-dichlorobenzene	75	1.0U	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-11-37**					**PS-2**					
Date		8-11-00	5-4-00	2-11-00	11-9-99	8-16-99	11-8-00	8-11-00	5-4-00	2-11-00	11-9-99	8-17-99
Tetrachloroethene	5.0	1.0U	1.0U	1.0U	3.0U	3.0U	3.0U	1.0U	1.0U	1.0U	3.0U	3.0U
Trichloroethene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	2.0	2.0	2.0	2.0	1.4I	1.3I
Cis -1,2-dichloroethene	70	14.0	17.0	16.0	17	24	**61.0**	**58.0**	57.0	52.0	40	41
Trans-1,2 dichloroethene	100	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	0.5	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	**4.0**	**4.0**	**5.0**	**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	1.4I	**2.5I**	**3.0**	**2.0**	1.0U	**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	2.0	2.0	2.0	2.0	2.1	**5.0**	**6.0**	**8.0**	**8.0**	**9.4**	**9.1**
Ethylbenzene	700	7.0	1.0U	9.0	14	15	18.0	14.0	16.0	14.0	16	10
Toluene	1,000	1.0U	1.0U	1.0	1.0U	1.0U	5.0	8.0	19.0	37.0	57	43
Total xylenes	10,000	3.0	12.0	3.0U	3.0U	3.0U	7.0	19.0	41.0	40.0	47	29
Chlorobenzene	1.0	**2.0**	**3.0**	**2.0**	**3.1**	**2.9**	1.0	.05	0.7	1.0U	1.0U	1.0U
1,4-dichlorobenzene	75	3.0	3.0	3.0	4.7	3.6	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 5
Appendix IX Analyses Summary

Appendix IX Constituents	KBA-11-11A Background Well	KBA-11-13A Downgradient Well	KBA-11-11A Background Well Sample ID KB20015 GWT	KBA-11-13A Downgradient Well Sample ID KB20010 GWT
Date Collected	8-10-00	8-16-00	8-19-99	8-3-99
Volatile Organic (µg/L) (only detectable compounds shown)				
Vinyl Chloride	1.0U	17	1.0U	49.6
Trichlororethene	1.0U	51	1.0U	22.7
Toluene	1.0U	0.95	1.0U	3.5
Chlorobenzene	1.0U	5.0	1.0U	5.8
Ethylbenzene	1.0U	71	1.0U	79.6
Xylenes (total)	3.0U	0.71	3.0U	19.5
Trans-1,2-dichloroethene	1.0U	9	1.0U	4.7
Cis-1,2-dichloroethene	1.0U	300 E	1.0U	234 E
Benzene	1.0U	1.0		
Semivolatile Organic (µg/L)				
Naphthalene	5.0U	20	10.4U	18.3
Diethyl Phthalate	5.2	7.2		
Dioxins/furans (NG/L)				
All below detection limit	ND	ND	10.0 U	10.0U
Pesticide/PCBs/Herbicides Organics (µg/L)				
All below detection limit				
Inorganics (µg/L)				
Antimony	0.150	0.289	2.9	2.9
Arsenic	0.318	1.41	2.7	2.7
Barium	10.4	74.8	8.2	15.8
Berylium	0.024	0.022	0.32	0.09
Cadmium	0.020	0.020	0.36	0.36
Chromium	0.604	1.94	1.3	2.5
Cobalt	0.015	0.148	0.84	0.84
Copper	1.550	0.493	1.7	6.2
Lead	0.058	0.044	1.9	2.8
Mercury	0.03	0.03	0.04	0.04
Nickel	0.363	3.480	1.0	12.7
Selenium	0.677	2.110	2.9	2.9
Silver	0.005	0.036	0.9	3.1
Thallium	0.010	0.010	4.4	3.9
Tin	0.170	0.224	2.0	2.0
Vanadium	0.715	5.070	1.1	5.5
Zinc	1.16	1.990	4.9	18.3
General Chemistry (mg/L)				
Cyanides	0.006*U	0.0008	0.00	0.00
Sulfides	1.00U	1.00U	0.45	1.1

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

Table 6
Analytical Summary, Groundwater Protection Standard

Groundwater Protection Standard	Criteria (µg/L)	KBA-102-PLANT.CT										
Date		11-00	10-00	9-00	8-00	7-00	6-00	5-00	4-00	3-00	2-00	1-00
Tetrachloroethene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	5.0	**8.0**	**4.0**	1.0U	**150.0**	**37.0**	**8.0**	1.0U	1.0U	1.0U	1.0U	**28.0**
Cis -1,2-dichloroethene	70	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
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	1.0U	1.0U	1.0U
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	1.0U	1.0U	1.0U	1.0U	1.0U
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	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	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	1.0U	1.0U	1.0U	1.0U
Total xylenes	10,000	1.0U	3.0U	3.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,4-dichlorobenzene	75	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U

Table 6 Continued
Analytical Summary, Groundwater Protection Standard

Groundwater Protection Standard	Criteria (µg/L)	KBA-122-PLANT.CT										
Date		11-00	10-00	9-00	8-00	7-00	6-00	5-00	4-00	3-00	2-00	1-00
Tetrachloroethene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	5.0	1.0U	0.93	1.0U	2.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Cis -1,2-dichloroethene	70	2.0	2.0	3.0	2.0	1.0U	2.0	3.0	2.0	2.0	2.0	2.0
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	1.0U	1.0U	1.0U
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	**5.0**	**5.0**	**5.0**	**5.0**	1.0U	**7.0**	**8.0**	**6.0**	**8.0**	**8.0**	**5.0**
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	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	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	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	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	1.0U	1.0U	1.0U	1.0U
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Table 6 Continued
Analytical Summary, Groundwater Protection Standard

Groundwater Protection Standard	Criteria (µg/L)	KBA-108-COTT.CT										
Date		11-00	10-00	9-00	8-00	7-00	6-00	5-00	4-00	3-00	2-00	1-00
Tetrachloroethene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Trichloroethene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Cis -1,2-dichloroethene	70	13.0	2.0	1.0U	1.0U	4.0	4.0	5.0	5.0	7.0	NM	NM
Trans-1,2 dichloroethene	100	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
1,1-dichloroethene	7.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
1,1-dichloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
1,2-dichloroethane	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Vinyl Chloride	2.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Chloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Benzene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Ethylbenzene	700	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Toluene	1,000	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Total xylenes	10,000	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	NM	NM
Chlorobenzene	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM

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	1/12/93	1,1-DICHLOROETHANE	5.0	U	1
KBA-11-02	1/12/93	1,1-DICHLOROETHANE	5.0	U	1
KBA-11-02	1/7/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	1/7/94	1,1-DICHLOROETHANE	2.0	UR	1
KBA-11-02	4/9/94	1,1-DICHLOROETHANE	2.0	U	1
KBA-11-02	9/15/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	4/11/95	1,1-DICHLOROETHANE	0.2	J	1
KBA-11-02	4/18/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-02	8/3/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	11/9/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	2/11/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	5/4/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	8/11/00	1,1-DICHLOROETHANE	unable to sample		
KBA-11-02	11/8/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	1/12/93	1,1-DICHLOROETHENE	5.0	U	7
KBA-11-02	1/12/93	1,1-DICHLOROETHENE	5.0	U	7
KBA-11-02	1/7/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	1/7/94	1,1-DICHLOROETHENE	2.0	UR	7
KBA-11-02	4/9/94	1,1-DICHLOROETHENE	2.0	U	7
KBA-11-02	9/15/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	4/11/95	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-02	4/18/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-02	8/3/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	11/9/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	2/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	5/4/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	8/11/00	1,1-DICHLOROETHENE	unable to sample		
KBA-11-02	1/12/93	1,2-DICHLOROETHANE	5.0	U	5
KBA-11-02	1/12/93	1,2-DICHLOROETHANE	5.0	U	5
KBA-11-02	8/3/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-02	11/9/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-02	2/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-02	8/11/00	1,2-DICHLOROETHANE	unable to sample		
KBA-11-02	11/8/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-02	1/12/93	1,4-DICHLOROBENZENE	5.0	U	75
KBA-11-02	1/12/93	1,4-DICHLOROBENZENE	5.0	U	75
KBA-11-02	1/12/93	1,4-DICHLOROBENZENE	5.0		75
KBA-11-02	1/12/93	1,4-DICHLOROBENZENE	5.0		75
KBA-11-02	9/15/94	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-02	9/15/94	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	4/11/95	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	4/11/95	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	4/18/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	4/18/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	8/3/99	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	11/9/99	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	2/11/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	5/4/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	8/11/00	1,4-DICHLOROBENZENE	unable to sample		
KBA-11-02	11/8/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	1/12/93	BENZENE	5.0	U	5
KBA-11-02	1/12/93	BENZENE	5.0	U	5
KBA-11-02	1/7/94	BENZENE	1.0	U	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 Standard Analyses
KBA-11-02, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-02	1/7/94	BENZENE	2.0	UR	5
KBA-11-02	4/9/94	BENZENE	2.0	U	5
KBA-11-02	9/15/94	BENZENE	1.0	U	5
KBA-11-02	4/11/95	BENZENE	0.2	J	5
KBA-11-02	4/18/96	BENZENE	0.0	U	5
KBA-11-02	8/3/99	BENZENE	1.0	U	5
KBA-11-02	11/9/99	BENZENE	1.0	U	5
KBA-11-02	2/11/00	BENZENE	1.0	U	5
KBA-11-02	8/11/00	BENZENE	unable to sample		
KBA-11-02	11/8/00	BENZENE	1.0	U	5
KBA-11-02	1/12/93	CHLOROBENZENE	5.0	U	1
KBA-11-02	1/12/93	CHLOROBENZENE	5.0	U	1
KBA-11-02	1/7/94	CHLOROBENZENE	1.0	U	1
KBA-11-02	1/7/94	CHLOROBENZENE	2.0	UR	1
KBA-11-02	4/9/94	CHLOROBENZENE	2.0	U	1
KBA-11-02	9/15/94	CHLOROBENZENE	1.0	U	1
KBA-11-02	4/11/95	CHLOROBENZENE	0.0	U	1
KBA-11-02	4/18/96	CHLOROBENZENE	0.0	U	1
KBA-11-02	8/3/99	CHLOROBENZENE	1.0	U	1
KBA-11-02	11/9/99	CHLOROBENZENE	1.0	U	1
KBA-11-02	2/11/00	CHLOROBENZENE	1.0	U	1
KBA-11-02	5/4/00	CHLOROBENZENE	1.0	U	1
KBA-11-02	8/11/00	CHLOROBENZENE	unable to sample		
KBA-11-02	11/8/00	CHLOROBENZENE	1.0	U	1
KBA-11-02	1/12/93	CHLOROETHANE	10.0	U	1
KBA-11-02	1/12/93	CHLOROETHANE	10.0	U	1
KBA-11-02	**1/7/94**	**CHLOROETHANE**	**3.0**		**1**
KBA-11-02	1/7/94	CHLOROETHANE	2.0	R	1
KBA-11-02	4/9/94	CHLOROETHANE	2.0	U	1
KBA-11-02	9/15/94	CHLOROETHANE	1.0	U	1
KBA-11-02	4/11/95	CHLOROETHANE	0.0	U	1
KBA-11-02	4/18/96	CHLOROETHANE	0.0	U	1
KBA-11-02	8/3/99	CHLOROETHANE	1.0	U	1
KBA-11-02	11/9/99	CHLOROETHANE	1.0	U	1
KBA-11-02	2/11/00	CHLOROETHANE	1.0	U	1
KBA-11-02	5/4/00	CHLOROETHANE	1.0	U	1
KBA-11-02	8/11/00	CHLOROETHANE	unable to sample		
KBA-11-02	11/8/00	CHLOROETHANE	1.0	U	1
KBA-11-02	1/7/94	CIS-1,2-DICHLOROETHENE	5.0		70
KBA-11-02	1/7/94	CIS-1,2-DICHLOROETHENE	5.0	R	70
KBA-11-02	4/9/94	CIS-1,2-DICHLOROETHENE	10.0		70
KBA-11-02	9/15/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	4/11/95	CIS-1,2-DICHLOROETHENE	0.2	J	70
KBA-11-02	4/18/96	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-02	8/3/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	11/9/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	2/11/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	5/4/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	8/11/00	CIS-1,2-DICHLOROETHENE	unable to sample		
KBA-11-02	11/8/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	1/12/93	ETHYLBENZENE	5.0	U	700
KBA-11-02	1/12/93	ETHYLBENZENE	5.0	U	700
KBA-11-02	1/7/94	ETHYLBENZENE	1.0	U	700

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	1/7/94	ETHYLBENZENE	2.0	UR	700
KBA-11-02	4/9/94	ETHYLBENZENE	2.0	U	700
KBA-11-02	9/15/94	ETHYLBENZENE	1.0	U	700
KBA-11-02	4/11/95	ETHYLBENZENE	0.0	U	700
KBA-11-02	4/18/96	ETHYLBENZENE	0.0	U	700
KBA-11-02	8/3/99	ETHYLBENZENE	1.0	U	700
KBA-11-02	11/9/99	ETHYLBENZENE	1.0	U	700
KBA-11-02	2/11/00	ETHYLBENZENE	1.0	U	700
KBA-11-02	5/4/00	ETHYLBENZENE	1.0	U	700
KBA-11-02	8/11/00	ETHYLBENZENE	unable to sample		
KBA-11-02	11/8/00	ETHYLBENZENE	1.0	U	700
KBA-11-02	1/12/93	TETRACHLOROETHENE	5.0	U	5
KBA-11-02	1/12/93	TETRACHLOROETHENE	5.0	U	5
KBA-11-02	1/7/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	1/7/94	TETRACHLOROETHENE	2.0	UR	5
KBA-11-02	4/9/94	TETRACHLOROETHENE	2.0	U	5
KBA-11-02	9/15/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	4/11/95	TETRACHLOROETHENE	0.0	U	5
KBA-11-02	4/18/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-02	8/3/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-02	11/9/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-02	2/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	5/4/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	8/11/00	TETRACHLOROETHENE	unable to sample		
KBA-11-02	11/8/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	1/12/93	TOLUENE	2.0	J	1000
KBA-11-02	1/12/93	TOLUENE	2.0	J	1000
KBA-11-02	1/7/94	TOLUENE	1.0	U	1000
KBA-11-02	1/7/94	TOLUENE	2.0	UR	1000
KBA-11-02	4/9/94	TOLUENE	0.7	J	1000
KBA-11-02	9/15/94	TOLUENE	1.0	U	1000
KBA-11-02	4/11/95	TOLUENE	0.0	U	1000
KBA-11-02	4/18/96	TOLUENE	0.0	U	1000
KBA-11-02	8/3/99	TOLUENE	1.0	U	1000
KBA-11-02	11/9/99	TOLUENE	1.0	U	1000
KBA-11-02	2/11/00	TOLUENE	1.0	U	1000
KBA-11-02	5/4/00	TOLUENE	1.0	U	1000
KBA-11-02	8/11/00	TOLUENE	unable to sample		
KBA-11-02	11/8/00	TOLUENE	1.0	U	1000
KBA-11-02	1/7/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	1/7/94	TRANS-1,2-DICHLOROETHENE	2.0	UR	100
KBA-11-02	4/9/94	TRANS-1,2-DICHLOROETHENE	2.0	U	100
KBA-11-02	9/15/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	4/11/95	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-02	4/18/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-02	8/3/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	11/9/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	2/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	5/4/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	8/11/00	TRANS-1,2-DICHLOROETHENE	unable to sample		
KBA-11-02	11/8/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	1/12/93	TRICHLOROETHENE	5.0	U	5
KBA-11-02	1/12/93	TRICHLOROETHENE	5.0	U	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 Standard Analyses
KBA-11-02, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-02	1/7/94	TRICHLOROETHENE	1.0	U	5
KBA-11-02	1/7/94	TRICHLOROETHENE	2.0	UR	5
KBA-11-02	4/9/94	TRICHLOROETHENE	2.0	U	5
KBA-11-02	9/15/94	TRICHLOROETHENE	1.0	U	5
KBA-11-02	4/11/95	TRICHLOROETHENE	0.2	J	5
KBA-11-02	4/18/96	TRICHLOROETHENE	0.0	U	5
KBA-11-02	8/3/99	TRICHLOROETHENE	1.0	U	5
KBA-11-02	11/9/99	TRICHLOROETHENE	1.0	U	5
KBA-11-02	2/11/00	TRICHLOROETHENE	1.0	U	5
KBA-11-02	5/4/00	TRICHLOROETHENE	1.0	U	5
KBA-11-02	8/11/00	TRICHLOROETHENE	unable to sample		
KBA-11-02	11/8/00	TRICHLOROETHENE	1.0	U	5
KBA-11-02	**1/12/93**	**VINYL CHLORIDE**	**100.0**		**2**
KBA-11-02	**1/12/93**	**VINYL CHLORIDE**	**85.0**		**2**
KBA-11-02	**1/7/94**	**VINYL CHLORIDE**	**25.0**		**2**
KBA-11-02	1/7/94	VINYL CHLORIDE	23.0	R	2
KBA-11-02	**4/9/94**	**VINYL CHLORIDE**	**33.0**		**2**
KBA-11-02	9/15/94	VINYL CHLORIDE	1.0	U	2
KBA-11-02	**4/11/95**	**VINYL CHLORIDE**	**2.0**		**2**
KBA-11-02	4/18/96	VINYL CHLORIDE	0.0	U	2
KBA-11-02	8/3/99	VINYL CHLORIDE	1.0	U	2
KBA-11-02	11/9/99	VINYL CHLORIDE	1.0	U	2
KBA-11-02	2/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-02	5/4/00	VINYL CHLORIDE	1.0	U	2
KBA-11-02	8/11/00	VINYL CHLORIDE	unable to sample		
KBA-11-02	11/8/00	VINYL CHLORIDE	1.0	U	2
KBA-11-02	1/12/93	XYLENES, TOTAL	2.0	J	10000
KBA-11-02	1/12/93	XYLENES, TOTAL	2.0	J	10000
KBA-11-02	1/7/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-02	1/7/94	XYLENES, TOTAL	2.0	UR	10000
KBA-11-02	4/9/94	XYLENES, TOTAL	2.0	U	10000
KBA-11-02	9/15/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-02	4/11/95	XYLENES, TOTAL	0.2	J	10000
KBA-11-02	4/18/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-02	8/3/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	11/9/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	2/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	5/4/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	8/11/00	XYLENES, TOTAL	unable to sample		

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	1/8/94	1,1-DICHLOROETHANE	0.8	J	1
KBA-11-10B	4/5/94	1,1-DICHLOROETHANE	0.6	J	1
KBA-11-10B	9/16/94	1,1-DICHLOROETHANE	0.9	J	1
KBA-11-10B	4/12/95	1,1-DICHLOROETHANE	0.7	J	1
KBA-11-10B	4/18/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	5/29/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	6/13/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	7/17/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	10/22/96	1,1-DICHLOROETHANE	0.5	J	1
KBA-11-10B	8/2/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-10B	8/11/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-10B	1/8/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	4/5/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	9/16/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	4/12/95	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	4/18/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	5/29/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	6/13/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	7/17/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	10/22/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	8/2/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	8/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	8/2/99	1,2-DICHLOROENTHANE	1.0	U	5
KBA-11-10B	8/11/00	1,2-DICHLOROENTHANE	1.0	U	5
KBA-11-10B	9/16/94	1,4-DICHLOROBENZENE	1.0	J	75
KBA-11-10B	9/16/94	1,4-DICHLOROBENZENE	2.0		75
KBA-11-10B	4/12/95	1,4-DICHLOROBENZENE	0.0		75
KBA-11-10B	4/12/95	1,4-DICHLOROBENZENE	0.0		75
KBA-11-10B	4/18/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	4/18/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	5/29/96	1,4-DICHLOROBENZENE	1.0		75
KBA-11-10B	5/29/96	1,4-DICHLOROBENZENE	1.0		75
KBA-11-10B	6/13/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	6/13/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	8/2/99	1,4-DICHLOROBENZENE	1.5	U	75
KBA-11-10B	8/11/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-10B	1/8/94	BENZENE	2.0		5
KBA-11-10B	4/5/94	BENZENE	1.0		5
KBA-11-10B	9/16/94	BENZENE	2.0		5
KBA-11-10B	4/12/95	BENZENE	2.0		5
KBA-11-10B	4/18/96	BENZENE	0.0	U	5
KBA-11-10B	5/29/96	BENZENE	1.0		5
KBA-11-10B	6/13/96	BENZENE	1.0		5
KBA-11-10B	7/17/96	BENZENE	4.0	J	5
KBA-11-10B	10/22/96	BENZENE	2.1		5
KBA-11-10B	8/2/99	BENZENE	1.6		5
KBA-11-10B	8/11/00	BENZENE	1.0		5
KBA-11-10B	**1/8/94**	**CHLOROBENZENE**	**2.0**		**1**
KBA-11-10B	4/5/94	CHLOROBENZENE	1.0		1
KBA-11-10B	9/16/94	CHLOROBENZENE	1.0		1
KBA-11-10B	4/12/95	CHLOROBENZENE	0.0	U	1
KBA-11-10B	4/18/96	CHLOROBENZENE	0.0	U	1

I = analyte detected; value is between the dethod detection limit and the practical quantitation limit.
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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	5/29/96	CHLOROBENZENE	1.0		1
KBA-11-10B	6/13/96	CHLOROBENZENE	1.0		1
KBA-11-10B	**7/17/96**	**CHLOROBENZENE**	**2.0**	**J**	**1**
KBA-11-10B	10/22/96	CHLOROBENZENE	0.0	U	1
KBA-11-10B	**8/2/99**	**CHLOROBENZENE**	**2.5**		**1**
KBA-11-10B	8/11/00	CHLOROBENZENE	1.0		1
KBA-11-10B	1/8/94	CHLOROETHANE	1.0	U	1
KBA-11-10B	4/5/94	CHLOROETHANE	1.0	U	1
KBA-11-10B	9/16/94	CHLOROETHANE	1.0	U	1
KBA-11-10B	4/12/95	CHLOROETHANE	0.0	U	1
KBA-11-10B	4/18/96	CHLOROETHANE	0.0	U	1
KBA-11-10B	5/29/96	CHLOROETHANE	0.0	U	1
KBA-11-10B	6/13/96	CHLOROETHANE	0.0	U	1
KBA-11-10B	7/17/96	CHLOROETHANE	0.0	U	1
KBA-11-10B	10/22/96	CHLOROETHANE	0.0	U	1
KBA-11-10B	8/2/99	CHLOROETHANE	2.0	U	1
KBA-11-10B	8/11/00	CHLOROETHANE	1.0	U	1
KBA-11-10B	1/8/94	CIS-1,2-DICHLOROETHENE	4.0		70
KBA-11-10B	4/5/94	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	9/16/94	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	4/12/95	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	4/18/96	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-10B	5/29/96	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	6/13/96	CIS-1,2-DICHLOROETHENE	1.0		70
KBA-11-10B	7/17/96	CIS-1,2-DICHLOROETHENE	3.0	J	70
KBA-11-10B	10/22/96	CIS-1,2-DICHLOROETHENE	2.5		70
KBA-11-10B	8/2/99	CIS-1,2-DICHLOROETHENE	1.6	I	70
KBA-11-10B	8/11/00	CIS-1,2-DICHLOROETHENE	1.0	I	70
KBA-11-10B	1/8/94	ETHYLBENZENE	19.0		700
KBA-11-10B	4/5/94	ETHYLBENZENE	12.0		700
KBA-11-10B	9/16/94	ETHYLBENZENE	12.0		700
KBA-11-10B	4/12/95	ETHYLBENZENE	12.0		700
KBA-11-10B	4/18/96	ETHYLBENZENE	0.0	U	700
KBA-11-10B	5/29/96	ETHYLBENZENE	7.0		700
KBA-11-10B	6/13/96	ETHYLBENZENE	6.0		700
KBA-11-10B	7/17/96	ETHYLBENZENE	7.0	J	700
KBA-11-10B	10/22/96	ETHYLBENZENE	8.1		700
KBA-11-10B	8/2/99	ETHYLBENZENE	10.0		700
KBA-11-10B	8/11/00	ETHYLBENZENE	5.0		700
KBA-11-10B	1/8/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-10B	4/5/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-10B	9/16/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-10B	4/12/95	TETRACHLOROETHENE	0.1	J	5
KBA-11-10B	4/18/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	5/29/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	6/13/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	7/17/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	10/22/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	8/2/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-10B	8/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-10B	1/8/94	TOLUENE	0.5	J	1000
KBA-11-10B	4/5/94	TOLUENE	0.7	J	1000

I = analyte detected; value is between the dethod detection limit and the practical quantitation limit.
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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	9/16/94	TOLUENE	1.0	U	1000
KBA-11-10B	4/12/95	TOLUENE	0.0	U	1000
KBA-11-10B	4/18/96	TOLUENE	0.0	U	1000
KBA-11-10B	5/29/96	TOLUENE	0.0	U	1000
KBA-11-10B	6/13/96	TOLUENE	0.0	U	1000
KBA-11-10B	7/17/96	TOLUENE	0.0	U	1000
KBA-11-10B	10/22/96	TOLUENE	0.2	J	1000
KBA-11-10B	8/2/99	TOLUENE	1.0	U	1000
KBA-11-10B	8/11/00	TOLUENE	1.0	U	1000
KBA-11-10B	1/8/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	4/5/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	9/16/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	4/12/95	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	4/18/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	5/29/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	6/13/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	7/17/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	10/22/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	8/2/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	8/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	1/8/94	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	4/5/94	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	9/16/94	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	4/12/95	TRICHLOROETHENE	0.2	J	5
KBA-11-10B	4/18/96	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	5/29/96	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	6/13/96	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	7/17/96	TRICHLOROETHENE	2.0	J	5
KBA-11-10B	10/22/96	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	8/2/99	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	8/11/00	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	1/8/94	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	4/5/94	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	9/16/94	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	4/12/95	VINYL CHLORIDE	0.4	J	2
KBA-11-10B	4/18/96	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	5/29/96	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	6/13/96	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	7/17/96	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	10/22/96	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	8/2/99	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	8/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	1/8/94	XYLENES, TOTAL	0.4	J	10000
KBA-11-10B	4/5/94	XYLENES, TOTAL	3.0		10000
KBA-11-10B	9/16/94	XYLENES, TOTAL	0.8	J	10000
KBA-11-10B	4/12/95	XYLENES, TOTAL	2.0		10000
KBA-11-10B	4/18/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-10B	7/17/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-10B	10/22/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-10B	8/2/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-10B	8/11/00	XYLENES, TOTAL	3.0	U	10000

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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	8/2/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	4/16/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-11A	9/14/94	1,1-DICHLOROETHANE	1.0		1
KBA-11-11A	9/14/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	9/14/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	4/5/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	4/5/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	1/4/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	8/2/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	4/16/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-11A	9/14/94	1,1-DICHLOROETHENE	1.0		7
KBA-11-11A	9/14/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	9/14/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	4/5/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	4/5/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	1/4/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	8/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-11A	8/2/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-11A	8/11/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-11A	8/2/99	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-11A	4/16/96	1,4-DICHLOROBENZENE	0.0		75
KBA-11-11A	4/16/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-11A	9/14/94	1,4-DICHLOROBENZENE	1.0		75
KBA-11-11A	9/14/94	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-11A	9/14/94	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-11A	9/14/94	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-11A	9/14/94	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-11A	8/11/00	BENZENE	1.0	U	5
KBA-11-11A	8/2/99	BENZENE	1.0	U	5
KBA-11-11A	4/16/96	BENZENE	0.0	U	5
KBA-11-11A	9/14/94	BENZENE	1.0	U	5
KBA-11-11A	9/14/94	BENZENE	1.0	U	5
KBA-11-11A	4/5/94	BENZENE	1.0	U	5
KBA-11-11A	4/5/94	BENZENE	1.0	U	5
KBA-11-11A	1/4/94	BENZENE	1.0	U	5
KBA-11-11A	8/11/00	CHLOROBENZENE	1.0	U	1
KBA-11-11A	8/2/99	CHLOROBENZENE	1.0	U	1
KBA-11-11A	4/16/96	CHLOROBENZENE	0.0	U	1
KBA-11-11A	9/14/94	CHLOROBENZENE	1.0		1
KBA-11-11A	9/14/94	CHLOROBENZENE	1.0	U	1
KBA-11-11A	9/14/94	CHLOROBENZENE	1.0	U	1
KBA-11-11A	4/5/94	CHLOROBENZENE	1.0	U	1
KBA-11-11A	4/5/94	CHLOROBENZENE	1.0	U	1
KBA-11-11A	1/4/94	CHLOROBENZENE	1.0	U	1
KBA-11-11A	8/11/00	CHLOROETHANE	2.0	U	1
KBA-11-11A	8/2/99	CHLOROETHANE	2.0	U	1
KBA-11-11A	4/16/96	CHLOROETHANE	0.0	U	1
KBA-11-11A	9/14/94	CHLOROETHANE	1.0		1
KBA-11-11A	9/14/94	CHLOROETHANE	1.0	U	1
KBA-11-11A	9/14/94	CHLOROETHANE	1.0	U	1
KBA-11-11A	4/5/94	CHLOROETHANE	1.0	U	1
KBA-11-11A	4/5/94	CHLOROETHANE	1.0	U	1

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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	1/4/94	CHLOROETHANE	1.0	U	1
KBA-11-11A	8/11/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	8/2/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	4/16/96	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-11A	9/14/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	9/14/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	4/5/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	4/5/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	1/4/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	8/11/00	ETHYLBENZENE	1.0	U	700
KBA-11-11A	8/2/99	ETHYLBENZENE	1.0	U	700
KBA-11-11A	4/16/96	ETHYLBENZENE	0.0	U	700
KBA-11-11A	9/14/94	ETHYLBENZENE	1.0	U	700
KBA-11-11A	9/14/94	ETHYLBENZENE	1.0	U	700
KBA-11-11A	4/5/94	ETHYLBENZENE	1.0	U	700
KBA-11-11A	4/5/94	ETHYLBENZENE	1.0	U	700
KBA-11-11A	1/4/94	ETHYLBENZENE	1.0	U	700
KBA-11-11A	8/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	8/2/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-11A	4/16/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-11A	9/14/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	9/14/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	4/5/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	4/5/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	1/4/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	8/11/00	TOLUENE	1.0	U	1000
KBA-11-11A	8/2/99	TOLUENE	1.0	U	1000
KBA-11-11A	4/16/96	TOLUENE	0.0	U	1000
KBA-11-11A	9/14/94	TOLUENE	1.0	U	1000
KBA-11-11A	9/14/94	TOLUENE	1.0	U	1000
KBA-11-11A	4/5/94	TOLUENE	1.0	U	1000
KBA-11-11A	4/5/94	TOLUENE	1.0	U	1000
KBA-11-11A	1/4/94	TOLUENE	1.0	U	1000
KBA-11-11A	8/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	8/2/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	4/16/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-11A	9/14/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	9/14/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	4/5/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	4/5/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	1/4/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	8/11/00	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	8/2/99	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	4/16/96	TRICHLOROETHENE	0.0	U	5
KBA-11-11A	9/14/94	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	9/14/94	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	4/5/94	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	4/5/94	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	1/4/94	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	8/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	8/2/99	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	4/16/96	VINYL CHLORIDE	0.0	U	2
KBA-11-11A	9/14/94	VINYL CHLORIDE	1.0	U	2

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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	9/14/94	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	4/5/94	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	4/5/94	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	1/4/94	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	8/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-11A	8/2/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-11A	4/16/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-11A	9/14/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	9/14/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	4/5/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	4/5/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	1/4/94	XYLENES, TOTAL	1.0	U	10000

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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	**1/7/94**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	**4/9/94**	**1,1-DICHLOROETHANE**	**83.0**	**U**	**1**
KBA-11-13A	**9/15/94**	**1,1-DICHLOROETHANE**	**50.0**	**U**	**1**
KBA-11-13A	**4/12/95**	**1,1-DICHLOROETHANE**	**3.0**		**1**
KBA-11-13A	**4/18/96**	**1,1-DICHLOROETHANE**	**2.0**		**1**
KBA-11-13A	**5/29/96**	**1,1-DICHLOROETHANE**	**1.0**		**1**
KBA-11-13A	5/31/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	6/5/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	6/8/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	6/13/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	6/28/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	7/17/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	10/24/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	9/18/97	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	9/18/97	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13A	8/3/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13A	11/9/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13A	2/11/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13A	5/4/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13A	8/11/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13A	11/8/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13A	**1/7/94**	**1,1-DICHLOROETHENE**	**100.0**	**U**	**7**
KBA-11-13A	**4/9/94**	**1,1-DICHLOROETHENE**	**83.0**	**U**	**7**
KBA-11-13A	**9/15/94**	**1,1-DICHLOROETHENE**	**50.0**	**U**	**7**
KBA-11-13A	4/12/95	1,1-DICHLOROETHENE	0.4	J	7
KBA-11-13A	4/18/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	5/29/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	5/31/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	6/5/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	6/8/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	6/13/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	6/28/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	7/17/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	10/24/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	9/18/97	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13A	8/3/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13A	11/9/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13A	2/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13A	8/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13A	8/3/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13A	11/9/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13A	2/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13A	5/4/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13A	8/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13A	11/8/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13A	9/15/94	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-13A	9/15/94	1,4-DICHLOROBENZENE	20.0	R	75
KBA-11-13A	9/15/94	1,4-DICHLOROBENZENE	50.0	U	75
KBA-11-13A	4/12/95	1,4-DICHLOROBENZENE	1.0	J	75
KBA-11-13A	4/12/95	1,4-DICHLOROBENZENE	1.0	J	75
KBA-11-13A	4/18/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	4/18/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	5/29/96	1,4-DICHLOROBENZENE	2.0		75

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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	5/29/96	1,4-DICHLOROBENZENE	2.0		75
KBA-11-13A	5/31/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	5/31/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	6/5/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	6/5/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	6/8/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	6/8/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	6/13/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	6/13/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	6/28/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	6/28/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	9/18/97	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	9/18/97	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	8/3/99	1,4-DICHLOROBENZENE	4.0		75
KBA-11-13A	11/9/99	1,4-DICHLOROBENZENE	5.2		75
KBA-11-13A	2/11/00	1,4-DICHLOROBENZENE	4.0		75
KBA-11-13A	5/4/00	1,4-DICHLOROBENZENE	3.0		75
KBA-11-13A	8/11/00	1,4-DICHLOROBENZENE	3.0		75
KBA-11-13A	11/8/00	1,4-DICHLOROBENZENE	2.0		75
KBA-11-13A	**1/7/94**	**BENZENE**	**100.0**	**U**	**5**
KBA-11-13A	**4/9/94**	**BENZENE**	**83.0**	**U**	**5**
KBA-11-13A	**9/15/94**	**BENZENE**	**50.0**	**U**	**5**
KBA-11-13A	4/12/95	BENZENE	4.0		5
KBA-11-13A	4/18/96	BENZENE	0.0	U	5
KBA-11-13A	5/29/96	BENZENE	3.0		5
KBA-11-13A	5/31/96	BENZENE	0.0	U	5
KBA-11-13A	6/5/96	BENZENE	0.0	U	5
KBA-11-13A	6/8/96	BENZENE	0.0	U	5
KBA-11-13A	6/13/96	BENZENE	0.0	U	5
KBA-11-13A	6/28/96	BENZENE	0.0	U	5
KBA-11-13A	7/17/96	BENZENE	0.0	U	5
KBA-11-13A	10/24/96	BENZENE	0.0	U	5
KBA-11-13A	9/18/97	BENZENE	0.0	U	5
KBA-11-13A	9/18/97	BENZENE	0.0	U	5
KBA-11-13A	8/3/99	BENZENE	1.1	I	5
KBA-11-13A	11/9/99	BENZENE	1.3	I	5
KBA-11-13A	2/11/00	BENZENE	2.0		5
KBA-11-13A	5/4/00	BENZENE	2.0		5
KBA-11-13A	8/11/00	BENZENE	1.0		5
KBA-11-13A	11/8/00	BENZENE	1.0		5
KBA-11-13A	**1/7/94**	**CHLOROBENZENE**	**100.0**	**U**	**1**
KBA-11-13A	**4/9/94**	**CHLOROBENZENE**	**83.0**	**U**	**1**
KBA-11-13A	**9/15/94**	**CHLOROBENZENE**	**50.0**	**U**	**1**
KBA-11-13A	**4/12/95**	**CHLOROBENZENE**	**2.0**		**1**
KBA-11-13A	4/18/96	CHLOROBENZENE	0.0	U	1
KBA-11-13A	**5/29/96**	**CHLOROBENZENE**	**5.0**		**1**
KBA-11-13A	5/31/96	CHLOROBENZENE	0.0	U	1
KBA-11-13A	6/5/96	CHLOROBENZENE	0.0	U	1
KBA-11-13A	6/8/96	CHLOROBENZENE	0.0	U	1
KBA-11-13A	6/13/96	CHLOROBENZENE	0.0	U	1
KBA-11-13A	6/28/96	CHLOROBENZENE	0.0	U	1
KBA-11-13A	7/17/96	CHLOROBENZENE	0.0	U	1
KBA-11-13A	**10/24/96**	**CHLOROBENZENE**	**5.0**	**J**	**1**

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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	9/18/97	CHLOROBENZENE	0.0	U	1
KBA-11-13A	**8/3/99**	**CHLOROBENZENE**	**6.2**		**1**
KBA-11-13A	**11/9/99**	**CHLOROBENZENE**	**8.2**		**1**
KBA-11-13A	**2/11/00**	**CHLOROBENZENE**	**6.0**		**1**
KBA-11-13A	**5/4/00**	**CHLOROBENZENE**	**5.0**		**1**
KBA-11-13A	**8/11/00**	**CHLOROBENZENE**	**5.0**		**1**
KBA-11-13A	**11/8/00**	**CHLOROBENZENE**	**5.0**		**1**
KBA-11-13A	**1/7/94**	**CHLOROETHANE**	**200.0**	**U**	**1**
KBA-11-13A	**4/9/94**	**CHLOROETHANE**	**170.0**	**U**	**1**
KBA-11-13A	**9/15/94**	**CHLOROETHANE**	**50.0**	**U**	**1**
KBA-11-13A	4/12/95	CHLOROETHANE	0.0	U	1
KBA-11-13A	4/18/96	CHLOROETHANE	0.0	U	1
KBA-11-13A	5/29/96	CHLOROETHANE	0.0	U	1
KBA-11-13A	5/31/96	CHLOROETHANE	0.0	U	1
KBA-11-13A	6/5/96	CHLOROETHANE	0.0	U	1
KBA-11-13A	6/8/96	CHLOROETHANE	0.0	U	1
KBA-11-13A	6/13/96	CHLOROETHANE	0.0	U	1
KBA-11-13A	6/28/96	CHLOROETHANE	0.0	U	1
KBA-11-13A	7/17/96	CHLOROETHANE	0.0	U	1
KBA-11-13A	10/24/96	CHLOROETHANE	0.0	U	1
KBA-11-13A	9/18/97	CHLOROETHANE	0.0	U	1
KBA-11-13A	8/3/99	CHLOROETHANE	2.0	U	1
KBA-11-13A	11/9/99	CHLOROETHANE	**1.0**	**U**	**1**
KBA-11-13A	2/11/00	CHLOROETHANE	1.0	U	1
KBA-11-13A	5/4/00	CHLOROETHANE	1.0	U	1
KBA-11-13A	8/11/00	CHLOROETHANE	1.0	U	1
KBA-11-13A	11/8/00	CHLOROETHANE	1.0	U	1
KBA-11-13A	**9/15/94**	**CIS-1,2-DICHLOROETHENE**	**700.0**		**70**
KBA-11-13A	**4/12/95**	**CIS-1,2-DICHLOROETHENE**	**440.0**		**70**
KBA-11-13A	4/18/96	CIS-1,2-DICHLOROETHENE	13.0		70
KBA-11-13A	**5/29/96**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
KBA-11-13A	**5/31/96**	**CIS-1,2-DICHLOROETHENE**	**280.0**		**70**
KBA-11-13A	**6/5/96**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
KBA-11-13A	**6/8/96**	**CIS-1,2-DICHLOROETHENE**	**360.0**		**70**
KBA-11-13A	**6/13/96**	**CIS-1,2-DICHLOROETHENE**	**300.0**		**70**
KBA-11-13A	**6/28/96**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
KBA-11-13A	**7/17/96**	**CIS-1,2-DICHLOROETHENE**	**250.0**		**70**
KBA-11-13A	**10/24/96**	**CIS-1,2-DICHLOROETHENE**	**190.0**		**70**
KBA-11-13A	**9/18/97**	**CIS-1,2-DICHLOROETHENE**	**770.0**		**70**
KBA-11-13A	9/18/97	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-13A	**11/10/97**	**CIS-1,2-DICHLOROETHENE**	**190.0**		**70**
KBA-11-13A	**9/17/98**	**CIS-1,2-DICHLOROETHENE**	**160.0**		**70**
KBA-11-13A	**10/30/98**	**CIS-1,2-DICHLOROETHENE**	**130.0**		**70**
KBA-11-13A	11/4/98	CIS-1,2-DICHLOROETHENE	5.0		70
KBA-11-13A	**11/24/98**	**CIS-1,2-DICHLOROETHENE**	**100.0**		**70**
KBA-11-13A	**11/25/98**	**CIS-1,2-DICHLOROETHENE**	**79.0**		**70**
KBA-11-13A	**12/22/98**	**CIS-1,2-DICHLOROETHENE**	**230.0**		**70**
KBA-11-13A	1/7/99	CIS-1,2-DICHLOROETHENE	34.0		70
KBA-11-13A	**1/27/99**	**CIS-1,2-DICHLOROETHENE**	**110.0**		**70**
KBA-11-13A	**2/18/99**	**CIS-1,2-DICHLOROETHENE**	**150.0**		**70**
KBA-11-13A	**3/15/99**	**CIS-1,2-DICHLOROETHENE**	**150.0**		**70**
KBA-11-13A	4/7/99	CIS-1,2-DICHLOROETHENE	49.0		70
KBA-11-13A	**5/20/99**	**CIS-1,2-DICHLOROETHENE**	**350.0**		**70**

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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	6/23/99	CIS-1,2-DICHLOROETHENE	280.0		70
KBA-11-13A	7/26/99	CIS-1,2-DICHLOROETHENE	240.0		70
KBA-11-13A	8/3/99	CIS-1,2-DICHLOROETHENE	190.0		70
KBA-11-13A	8/17/99	CIS-1,2-DICHLOROETHENE	240.0		70
KBA-11-13A	11/9/99	CIS-1,2-DICHLOROETHENE	260.0		70
KBA-11-13A	2/11/00	CIS-1,2-DICHLOROETHENE	230.0		70
KBA-11-13A	5/4/00	CIS-1,2-DICHLOROETHENE	180.0		70
KBA-11-13A	8/11/00	CIS-1,2-DICHLOROETHENE	300 E		70
KBA-11-13A	11/8/00	CIS-1,2-DICHLOROETHENE	160.0		70
KBA-11-13A	1/7/94	ETHYLBENZENE	130.0		700
KBA-11-13A	4/9/94	ETHYLBENZENE	120.0		700
KBA-11-13A	9/15/94	ETHYLBENZENE	110.0		700
KBA-11-13A	4/12/95	ETHYLBENZENE	120.0		700
KBA-11-13A	4/18/96	ETHYLBENZENE	7.0		700
KBA-11-13A	5/29/96	ETHYLBENZENE	120.0		700
KBA-11-13A	5/31/96	ETHYLBENZENE	120.0		700
KBA-11-13A	6/5/96	ETHYLBENZENE	98.0		700
KBA-11-13A	6/8/96	ETHYLBENZENE	100.0		700
KBA-11-13A	6/13/96	ETHYLBENZENE	110.0		700
KBA-11-13A	6/28/96	ETHYLBENZENE	120.0		700
KBA-11-13A	7/17/96	ETHYLBENZENE	120.0		700
KBA-11-13A	10/24/96	ETHYLBENZENE	160.0		700
KBA-11-13A	9/18/97	ETHYLBENZENE	140.0		700
KBA-11-13A	9/18/97	ETHYLBENZENE	53.0		700
KBA-11-13A	8/3/99	ETHYLBENZENE	66.0		700
KBA-11-13A	11/9/99	ETHYLBENZENE	92.0		700
KBA-11-13A	2/11/00	ETHYLBENZENE	64.0		700
KBA-11-13A	5/4/00	ETHYLBENZENE	67.0		700
KBA-11-13A	8/11/00	ETHYLBENZENE	71.0		700
KBA-11-13A	11/8/00	ETHYLBENZENE	57.0		700
KBA-11-13A	**1/7/94**	**TETRACHLOROETHENE**	**100.0**	**U**	**5**
KBA-11-13A	**4/9/94**	**TETRACHLOROETHENE**	**580.0**		**5**
KBA-11-13A	**9/15/94**	**TETRACHLOROETHENE**	**460.0**		**5**
KBA-11-13A	**4/12/95**	**TETRACHLOROETHENE**	**1300.0**		**5**
KBA-11-13A	**4/18/96**	**TETRACHLOROETHENE**	**15.0**		**5**
KBA-11-13A	**5/29/96**	**TETRACHLOROETHENE**	**1000.0**		**5**
KBA-11-13A	**5/31/96**	**TETRACHLOROETHENE**	**770.0**		**5**
KBA-11-13A	**6/5/96**	**TETRACHLOROETHENE**	**960.0**		**5**
KBA-11-13A	**6/8/96**	**TETRACHLOROETHENE**	**1200.0**		**5**
KBA-11-13A	**6/13/96**	**TETRACHLOROETHENE**	**710.0**		**5**
KBA-11-13A	**6/28/96**	**TETRACHLOROETHENE**	**1200.0**		**5**
KBA-11-13A	**7/17/96**	**TETRACHLOROETHENE**	**1800.0**		**5**
KBA-11-13A	**10/24/96**	**TETRACHLOROETHENE**	**420.0**		**5**
KBA-11-13A	9/18/97	TETRACHLOROETHENE	0.0	U	5
KBA-11-13A	9/18/97	TETRACHLOROETHENE	0.0	U	5
KBA-11-13A	**11/10/97**	**TETRACHLOROETHENE**	**420.0**		**5**
KBA-11-13A	9/17/98	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	10/30/98	TETRACHLOROETHENE	10.0	U	5
KBA-11-13A	11/4/98	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	11/24/98	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	11/25/98	TETRACHLOROETHENE	5.0	U	5
KBA-11-13A	12/22/98	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	1/7/99	TETRACHLOROETHENE	5.0	U	5

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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	1/27/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	2/18/99	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	3/15/99	TETRACHLOROETHENE	10.0	U	5
KBA-11-13A	4/7/99	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	5/20/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	6/23/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	7/26/99	TETRACHLOROETHENE	15.0	U	5
KBA-11-13A	8/3/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	8/17/99	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	11/9/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	2/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	5/4/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	8/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	11/8/00	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	1/7/94	TOLUENE	170.0		1000
KBA-11-13A	4/9/94	TOLUENE	89.0		1000
KBA-11-13A	9/15/94	TOLUENE	120.0		1000
KBA-11-13A	4/12/95	TOLUENE	75.0		1000
KBA-11-13A	4/18/96	TOLUENE	3.0		1000
KBA-11-13A	5/29/96	TOLUENE	23.0	J	1000
KBA-11-13A	5/31/96	TOLUENE	0.0	U	1000
KBA-11-13A	6/5/96	TOLUENE	25.0		1000
KBA-11-13A	6/8/96	TOLUENE	0.0	U	1000
KBA-11-13A	6/13/96	TOLUENE	17.0		1000
KBA-11-13A	6/28/96	TOLUENE	0.0	U	1000
KBA-11-13A	7/17/96	TOLUENE	20.0	J	1000
KBA-11-13A	10/24/96	TOLUENE	30.0		1000
KBA-11-13A	9/18/97	TOLUENE	18.0	J	1000
KBA-11-13A	9/18/97	TOLUENE	0.0	U	1000
KBA-11-13A	8/3/99	TOLUENE	2.7		1000
KBA-11-13A	11/9/99	TOLUENE	4.2		1000
KBA-11-13A	2/11/00	TOLUENE	2.0		1000
KBA-11-13A	5/4/00	TOLUENE	2.0		1000
KBA-11-13A	8/11/00	TOLUENE	0.9		1000
KBA-11-13A	11/8/00	TOLUENE	1.0		1000
KBA-11-13A	9/15/94	TRANS-1,2-DICHLOROETHENE	50.0	U	100
KBA-11-13A	4/12/95	TRANS-1,2-DICHLOROETHENE	11.0		100
KBA-11-13A	4/18/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	5/29/96	TRANS-1,2-DICHLOROETHENE	9.0		100
KBA-11-13A	5/31/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	6/5/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	6/8/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	6/13/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	6/28/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	7/17/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	10/24/96	TRANS-1,2-DICHLOROETHENE	5.0	J	100
KBA-11-13A	9/18/97	TRANS-1,2-DICHLOROETHENE	11.0	J	100
KBA-11-13A	8/3/99	TRANS-1,2-DICHLOROETHENE	7.4		100
KBA-11-13A	11/9/99	TRANS-1,2-DICHLOROETHENE	6.6		100
KBA-11-13A	2/11/00	TRANS-1,2-DICHLOROETHENE	6.0		100
KBA-11-13A	5/4/00	TRANS-1,2-DICHLOROETHENE	6.0		100
KBA-11-13A	8/11/00	TRANS-1,2-DICHLOROETHENE	9.0		100
KBA-11-13A	**1/7/94**	**TRICHLOROETHENE**	**300.0**		**5**

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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	4/9/94	TRICHLOROETHENE	2400.0		5
KBA-11-13A	9/15/94	TRICHLOROETHENE	770.0		5
KBA-11-13A	4/12/95	TRICHLOROETHENE	790.0		5
KBA-11-13A	4/18/96	TRICHLOROETHENE	9.0		5
KBA-11-13A	5/29/96	TRICHLOROETHENE	800.0		5
KBA-11-13A	5/31/96	TRICHLOROETHENE	640.0		5
KBA-11-13A	6/5/96	TRICHLOROETHENE	700.0		5
KBA-11-13A	6/8/96	TRICHLOROETHENE	880.0		5
KBA-11-13A	6/13/96	TRICHLOROETHENE	620.0		5
KBA-11-13A	6/28/96	TRICHLOROETHENE	750.0		5
KBA-11-13A	7/17/96	TRICHLOROETHENE	1000.0		5
KBA-11-13A	10/24/96	TRICHLOROETHENE	540.0		5
KBA-11-13A	9/18/97	TRICHLOROETHENE	170.0		5
KBA-11-13A	9/18/97	TRICHLOROETHENE	0.0	U	5
KBA-11-13A	11/10/97	TRICHLOROETHENE	540.0		5
KBA-11-13A	9/17/98	TRICHLOROETHENE	24.0		5
KBA-11-13A	10/30/98	TRICHLOROETHENE	16.0		5
KBA-11-13A	11/4/98	TRICHLOROETHENE	15.0		5
KBA-11-13A	11/24/98	TRICHLOROETHENE	16.0		5
KBA-11-13A	11/25/98	TRICHLOROETHENE	16.0		5
KBA-11-13A	12/22/98	TRICHLOROETHENE	14.0		5
KBA-11-13A	1/7/99	TRICHLOROETHENE	5.0	U	5
KBA-11-13A	1/27/99	TRICHLOROETHENE	20.0		5
KBA-11-13A	2/18/99	TRICHLOROETHENE	15.0		5
KBA-11-13A	3/15/99	TRICHLOROETHENE	13.0		5
KBA-11-13A	4/7/99	TRICHLOROETHENE	7.0		5
KBA-11-13A	5/20/99	TRICHLOROETHENE	29.0		5
KBA-11-13A	6/23/99	TRICHLOROETHENE	25.0		5
KBA-11-13A	7/26/99	TRICHLOROETHENE	26.0		5
KBA-11-13A	8/3/99	TRICHLOROETHENE	19.0		5
KBA-11-13A	8/17/99	TRICHLOROETHENE	24.0		5
KBA-11-13A	11/9/99	TRICHLOROETHENE	17.0		5
KBA-11-13A	2/11/00	TRICHLOROETHENE	14.0		5
KBA-11-13A	5/4/00	TRICHLOROETHENE	20.0		5
KBA-11-13A	8/11/00	TRICHLOROETHENE	51.0		5
KBA-11-13A	11/8/00	TRICHLOROETHENE	70.0		5
KBA-11-13A	1/7/94	VINYL CHLORIDE	170.0	J	2
KBA-11-13A	4/9/94	VINYL CHLORIDE	110.0	J	2
KBA-11-13A	9/15/94	VINYL CHLORIDE	50.0	U	2
KBA-11-13A	4/12/95	VINYL CHLORIDE	53.0		2
KBA-11-13A	4/18/96	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	5/29/96	VINYL CHLORIDE	7.0		2
KBA-11-13A	5/31/96	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	6/5/96	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	6/8/96	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	6/13/96	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	6/28/96	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	7/17/96	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	10/24/96	VINYL CHLORIDE	14.0		2
KBA-11-13A	9/18/97	VINYL CHLORIDE	39.0		2
KBA-11-13A	9/18/97	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	11/10/97	VINYL CHLORIDE	14.0		2
KBA-11-13A	9/17/98	VINYL CHLORIDE	78.0		2

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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	**10/30/98**	**VINYL CHLORIDE**	**10.0**		**2**
KBA-11-13A	**11/4/98**	**VINYL CHLORIDE**	**28.0**		**2**
KBA-11-13A	**11/24/98**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**11/25/98**	**VINYL CHLORIDE**	**26.0**		**2**
KBA-11-13A	**12/22/98**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**1/7/99**	**VINYL CHLORIDE**	**60.0**		**2**
KBA-11-13A	**1/27/99**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**2/18/99**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**3/15/99**	**VINYL CHLORIDE**	**15.0**		**2**
KBA-11-13A	**4/7/99**	**VINYL CHLORIDE**	**93.0**		**2**
KBA-11-13A	**5/20/99**	**VINYL CHLORIDE**	**61.0**		**2**
KBA-11-13A	**6/23/99**	**VINYL CHLORIDE**	**45.0**		**2**
KBA-11-13A	**7/26/99**	**VINYL CHLORIDE**	**57.0**		**2**
KBA-11-13A	**8/3/99**	**VINYL CHLORIDE**	**48.0**		**2**
KBA-11-13A	**8/17/99**	**VINYL CHLORIDE**	**26.0**		**2**
KBA-11-13A	**11/9/99**	**VINYL CHLORIDE**	**46.0**		**2**
KBA-11-13A	**2/11/00**	**VINYL CHLORIDE**	**20.0**		**2**
KBA-11-13A	**5/4/00**	**VINYL CHLORIDE**	**19.0**		**2**
KBA-11-13A	**8/11/00**	**VINYL CHLORIDE**	**17.0**		**2**
KBA-11-13A	**11/8/00**	**VINYL CHLORIDE**	**4.0**		**2**
KBA-11-13A	1/7/94	XYLENES, TOTAL	240.0		10000
KBA-11-13A	4/9/94	XYLENES, TOTAL	200.0		10000
KBA-11-13A	9/15/94	XYLENES, TOTAL	310.0		10000
KBA-11-13A	4/12/95	XYLENES, TOTAL	260.0		10000
KBA-11-13A	4/18/96	XYLENES, TOTAL	21.0		10000
KBA-11-13A	7/17/96	XYLENES, TOTAL	140.0		10000
KBA-11-13A	10/24/96	XYLENES, TOTAL	300.0		10000
KBA-11-13A	9/18/97	XYLENES, TOTAL	240.0		10000
KBA-11-13A	8/3/99	XYLENES, TOTAL	14.4		10000
KBA-11-13A	11/9/99	XYLENES, TOTAL	49.0		10000
KBA-11-13A	2/11/00	XYLENES, TOTAL	23.0		10000
KBA-11-13A	5/4/00	XYLENES, TOTAL	4.0		10000
KBA-11-13A	8/11/00	XYLENES, TOTAL	0.7		10000

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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	8/3/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	9/18/97	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13B	10/22/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13B	4/17/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13B	9/15/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	4/9/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	1/7/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	8/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	8/3/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	9/18/97	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13B	10/22/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13B	4/17/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13B	9/15/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	4/9/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	1/7/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	8/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13B	8/3/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13B	8/11/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-13B	8/3/99	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-13B	9/18/97	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	9/18/97	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	4/17/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	4/17/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	9/15/94	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-13B	9/15/94	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-13B	8/11/00	BENZENE	1.0	U	5
KBA-11-13B	8/3/99	BENZENE	1.0	U	5
KBA-11-13B	9/18/97	BENZENE	0.0	U	5
KBA-11-13B	10/22/96	BENZENE	0.0	U	5
KBA-11-13B	4/17/96	BENZENE	3.0		5
KBA-11-13B	9/15/94	BENZENE	1.0	U	5
KBA-11-13B	4/9/94	BENZENE	1.0	U	5
KBA-11-13B	1/7/94	BENZENE	1.0	U	5
KBA-11-13B	8/11/00	CHLOROBENZENE	1.0	U	1
KBA-11-13B	8/3/99	CHLOROBENZENE	1.0	U	1
KBA-11-13B	9/18/97	CHLOROBENZENE	0.0	U	1
KBA-11-13B	10/22/96	CHLOROBENZENE	0.0	U	1
KBA-11-13B	4/17/96	CHLOROBENZENE	1.0	J	1
KBA-11-13B	9/15/94	CHLOROBENZENE	1.0	U	1
KBA-11-13B	4/9/94	CHLOROBENZENE	1.0	U	1
KBA-11-13B	1/7/94	CHLOROBENZENE	1.0	U	1
KBA-11-13B	8/11/00	CHLOROETHANE	2.0	U	1
KBA-11-13B	8/3/99	CHLOROETHANE	2.0	U	1
KBA-11-13B	9/18/97	CHLOROETHANE	0.0	U	1
KBA-11-13B	10/22/96	CHLOROETHANE	0.0	U	1
KBA-11-13B	4/17/96	CHLOROETHANE	0.0	U	1
KBA-11-13B	9/15/94	CHLOROETHANE	1.0	U	1
KBA-11-13B	4/9/94	CHLOROETHANE	1.0	U	1
KBA-11-13B	1/7/94	CHLOROETHANE	1.0	U	1
KBA-11-13B	8/11/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	8/3/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	9/18/97	CIS-1,2-DICHLOROETHENE	0.0	U	70

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	10/22/96	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-13B	4/17/96	CIS-1,2-DICHLOROETHENE	16.0		70
KBA-11-13B	9/15/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	4/9/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	1/7/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	8/11/00	ETHYLBENZENE	1.0	U	700
KBA-11-13B	8/3/99	ETHYLBENZENE	1.0	U	700
KBA-11-13B	9/18/97	ETHYLBENZENE	0.0	U	700
KBA-11-13B	10/22/96	ETHYLBENZENE	0.2	J	700
KBA-11-13B	4/17/96	ETHYLBENZENE	8.0		700
KBA-11-13B	9/15/94	ETHYLBENZENE	1.0	U	700
KBA-11-13B	4/9/94	ETHYLBENZENE	1.0	U	700
KBA-11-13B	1/7/94	ETHYLBENZENE	1.0	U	700
KBA-11-13B	8/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-13B	8/3/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-13B	9/18/97	TETRACHLOROETHENE	0.0	U	5
KBA-11-13B	10/22/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-13B	4/17/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-13B	9/15/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-13B	4/9/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-13B	1/7/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-13B	8/11/00	TOLUENE	1.0	U	1000
KBA-11-13B	8/3/99	TOLUENE	1.0	U	1000
KBA-11-13B	9/18/97	TOLUENE	0.0	U	1000
KBA-11-13B	10/22/96	TOLUENE	0.0	U	1000
KBA-11-13B	4/17/96	TOLUENE	0.5	J	1000
KBA-11-13B	9/15/94	TOLUENE	1.0	U	1000
KBA-11-13B	4/9/94	TOLUENE	1.0	U	1000
KBA-11-13B	1/7/94	TOLUENE	1.0	U	1000
KBA-11-13B	8/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	8/3/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	9/18/97	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13B	10/22/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13B	4/17/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13B	9/15/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	4/9/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	1/7/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	8/11/00	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	8/3/99	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	9/18/97	TRICHLOROETHENE	0.0	U	5
KBA-11-13B	10/22/96	TRICHLOROETHENE	0.0	U	5
KBA-11-13B	4/17/96	TRICHLOROETHENE	0.0	U	5
KBA-11-13B	9/15/94	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	4/9/94	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	1/7/94	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	8/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	8/3/99	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	9/18/97	VINYL CHLORIDE	0.0	U	2
KBA-11-13B	10/22/96	VINYL CHLORIDE	0.0	U	2
KBA-11-13B	4/17/96	VINYL CHLORIDE	0.0	U	2
KBA-11-13B	9/15/94	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	4/9/94	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	1/7/94	VINYL CHLORIDE	1.0	U	2

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	8/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-13B	8/3/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-13B	9/18/97	XYLENES, TOTAL	0.0	U	10000
KBA-11-13B	10/22/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-13B	4/17/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-13B	9/15/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-13B	4/9/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-13B	1/7/94	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	1/5/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-15	4/6/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-15	9/15/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-15	4/16/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-15	4/16/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-15	9/16/97	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-15	8/3/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-15	2/11/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-15	1/5/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-15	4/6/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-15	9/15/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-15	4/16/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-15	4/16/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-15	8/3/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-15	2/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-15	8/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-15	8/3/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-15	2/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-15	8/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-15	9/14/94	1,4-DICHLOROBENZENE	20.0	R	75
KBA-11-15	9/15/94	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-15	9/15/94	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-15	4/16/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-15	4/16/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-15	4/16/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-15	4/16/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-15	8/3/99	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-15	2/11/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-15	8/11/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-15	1/5/94	BENZENE	1.0	U	5
KBA-11-15	4/6/94	BENZENE	1.0	U	5
KBA-11-15	9/15/94	BENZENE	1.0	U	5
KBA-11-15	4/16/96	BENZENE	0.0	U	5
KBA-11-15	4/16/96	BENZENE	0.0	U	5
KBA-11-15	9/16/97	BENZENE	0.0	U	5
KBA-11-15	8/3/99	BENZENE	1.0	U	5
KBA-11-15	2/11/00	BENZENE	1.0	U	5
KBA-11-15	8/11/00	BENZENE	1.0	U	5
KBA-11-15	1/5/94	CHLOROBENZENE	1.0	U	1
KBA-11-15	4/6/94	CHLOROBENZENE	1.0	U	1
KBA-11-15	9/15/94	CHLOROBENZENE	1.0	U	1
KBA-11-15	4/16/96	CHLOROBENZENE	0.0	U	1
KBA-11-15	4/16/96	CHLOROBENZENE	0.0	U	1
KBA-11-15	8/3/99	CHLOROBENZENE	1.0	U	1
KBA-11-15	2/11/00	CHLOROBENZENE	1.0	U	1
KBA-11-15	8/11/00	CHLOROBENZENE	1.0	U	1
KBA-11-15	1/5/94	CHLOROETHANE	1.0	U	1
KBA-11-15	4/6/94	CHLOROETHANE	1.0	U	1
KBA-11-15	9/15/94	CHLOROETHANE	1.0	U	1
KBA-11-15	4/16/96	CHLOROETHANE	0.0	U	1
KBA-11-15	4/16/96	CHLOROETHANE	0.0	U	1
KBA-11-15	8/3/99	CHLOROETHANE	1.0	U	1
KBA-11-15	2/11/00	CHLOROETHANE	1.0	U	1

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	8/11/00	CHLOROETHANE	1.0	U	1
KBA-11-15	1/5/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-15	4/6/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-15	9/15/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-15	4/16/96	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-15	4/16/96	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-15	9/16/97	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-15	11/10/97	CIS-1,2-DICHLOROETHENE	5.0	U	70
KBA-11-15	8/3/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-15	2/11/00	CIS-1,2-DICHLOROETHENE	0.9	I	70
KBA-11-15	8/11/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-15	1/5/94	ETHYLBENZENE	1.0	U	700
KBA-11-15	4/6/94	ETHYLBENZENE	1.0	U	700
KBA-11-15	9/15/94	ETHYLBENZENE	1.0	U	700
KBA-11-15	4/16/96	ETHYLBENZENE	0.0	U	700
KBA-11-15	4/16/96	ETHYLBENZENE	0.0	U	700
KBA-11-15	9/16/97	ETHYLBENZENE	0.0	U	700
KBA-11-15	8/3/99	ETHYLBENZENE	1.0	U	700
KBA-11-15	2/11/00	ETHYLBENZENE	1.0	U	700
KBA-11-15	8/11/00	ETHYLBENZENE	1.0	U	700
KBA-11-15	1/5/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-15	4/6/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-15	9/15/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-15	4/16/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-15	4/16/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-15	9/16/97	TETRACHLOROETHENE	0.0	U	5
KBA-11-15	11/10/97	TETRACHLOROETHENE	5.0	U	5
KBA-11-15	8/3/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-15	2/11/00	TETRACHLOROETHENE	1.0		5
KBA-11-15	8/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-15	1/5/94	TOLUENE	1.0	U	1000
KBA-11-15	4/6/94	TOLUENE	1.0	U	1000
KBA-11-15	9/15/94	TOLUENE	1.0	U	1000
KBA-11-15	4/16/96	TOLUENE	0.0	U	1000
KBA-11-15	4/16/96	TOLUENE	0.0	U	1000
KBA-11-15	9/16/97	TOLUENE	0.0	U	1000
KBA-11-15	8/3/99	TOLUENE	1.0	U	1000
KBA-11-15	2/11/00	TOLUENE	1.0	U	1000
KBA-11-15	8/11/00	TOLUENE	1.0	U	1000
KBA-11-15	1/5/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-15	4/6/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-15	9/15/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-15	4/16/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-15	4/16/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-15	8/3/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-15	2/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-15	8/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-15	1/5/94	TRICHLOROETHENE	1.0	U	5
KBA-11-15	4/6/94	TRICHLOROETHENE	1.0	U	5
KBA-11-15	9/15/94	TRICHLOROETHENE	1.0	U	5
KBA-11-15	4/16/96	TRICHLOROETHENE	0.0	U	5
KBA-11-15	4/16/96	TRICHLOROETHENE	0.0	U	5
KBA-11-15	9/16/97	TRICHLOROETHENE	0.0	U	5

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	11/10/97	TRICHLOROETHENE	5.0	U	5
KBA-11-15	8/3/99	TRICHLOROETHENE	1.0	U	5
KBA-11-15	2/11/00	TRICHLOROETHENE	1.0	U	5
KBA-11-15	8/11/00	TRICHLOROETHENE	1.0	U	5
KBA-11-15	1/5/94	VINYL CHLORIDE	1.0	U	2
KBA-11-15	4/6/94	VINYL CHLORIDE	1.0	U	2
KBA-11-15	9/15/94	VINYL CHLORIDE	1.0	U	2
KBA-11-15	4/16/96	VINYL CHLORIDE	0.0	U	2
KBA-11-15	4/16/96	VINYL CHLORIDE	0.0	U	2
KBA-11-15	9/16/97	VINYL CHLORIDE	0.0	U	2
KBA-11-15	11/10/97	VINYL CHLORIDE	2.0	U	2
KBA-11-15	8/3/99	VINYL CHLORIDE	1.0	U	2
KBA-11-15	2/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-15	8/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-15	1/5/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-15	4/6/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-15	9/15/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-15	4/16/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-15	4/16/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-15	8/3/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-15	2/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-15	8/11/00	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	**1/7/94**	**1,1-DICHLOROETHANE**	**13.0**		**1**
KBA-11-16	**1/7/94**	**1,1-DICHLOROETHANE**	**11.0**	**R**	**1**
KBA-11-16	**4/7/94**	**1,1-DICHLOROETHANE**	**11.0**		**1**
KBA-11-16	**9/15/94**	**1,1-DICHLOROETHANE**	**2.0**		**1**
KBA-11-16	**9/15/94**	**1,1-DICHLOROETHANE**	**3.0**		**1**
KBA-11-16	**4/12/95**	**1,1-DICHLOROETHANE**	**18.0**		**1**
KBA-11-16	**4/17/96**	**1,1-DICHLOROETHANE**	**32.0**		**1**
KBA-11-16	**5/29/96**	**1,1-DICHLOROETHANE**	**13.0**		**1**
KBA-11-16	**6/13/96**	**1,1-DICHLOROETHANE**	**11.0**		**1**
KBA-11-16	**7/17/96**	**1,1-DICHLOROETHANE**	**24.0**		**1**
KBA-11-16	**10/22/96**	**1,1-DICHLOROETHANE**	**3.2**		**1**
KBA-11-16	**10/22/96**	**1,1-DICHLOROETHANE**	**5.3**		**1**
KBA-11-16	3/8/97	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-16	**9/18/97**	**1,1-DICHLOROETHANE**	**3.0**		**1**
KBA-11-16	8/3/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-16	**11/9/99**	**1,1-DICHLOROETHANE**	**1.6**	**I**	**1**
KBA-11-16	**2/11/00**	**1,1-DICHLOROETHANE**	**5.0**		**1**
KBA-11-16	5/4/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-16	**8/11/00**	**1,1-DICHLOROETHANE**	**2.0**	**U**	**1**
KBA-11-16	**11/8/00**	**1,1-DICHLOROETHANE**	**2.0**	**U**	**1**
KBA-11-16	1/7/94	1,1-DICHLOROETHENE	0.7	J	7
KBA-11-16	1/7/94	1,1-DICHLOROETHENE	20.0	UR	7
KBA-11-16	4/7/94	1,1-DICHLOROETHENE	8.4	U	7
KBA-11-16	9/15/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	9/15/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	4/12/95	1,1-DICHLOROETHENE	1.0	J	7
KBA-11-16	4/17/96	1,1-DICHLOROETHENE	2.0		7
KBA-11-16	5/29/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-16	6/13/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-16	7/17/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-16	10/22/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-16	10/22/96	1,1-DICHLOROETHENE	0.3	J	7
KBA-11-16	9/18/97	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-16	8/3/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	11/9/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	2/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	5/4/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	8/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	11/8/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-16	8/3/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-16	11/9/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-16	2/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-16	8/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-16	9/15/94	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-16	9/15/94	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-16	9/15/94	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-16	9/15/94	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-16	4/12/95	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	4/12/95	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	4/17/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	4/17/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	5/29/96	1,4-DICHLOROBENZENE	0.0	U	75

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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	5/29/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	6/13/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	6/13/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	9/18/97	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	9/18/97	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	8/3/99	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-16	11/9/99	1,4-DICHLOROBENZENE	1.0	U	
KBA-11-16	2/11/00	1,4-DICHLOROBENZENE	1.0	U	
KBA-11-16	5/4/00	1,4-DICHLOROBENZENE	1.0	U	
KBA-11-16	8/11/00	1,4-DICHLOROBENZENE	1.0	U	
KBA-11-16	11/8/00	1,4-DICHLOROBENZENE	1.0	U	
KBA-11-16	1/7/94	BENZENE	2.0		5
KBA-11-16	1/7/94	BENZENE	20.0	UR	5
KBA-11-16	4/7/94	BENZENE	8.4	U	5
KBA-11-16	9/15/94	BENZENE	1.0	U	5
KBA-11-16	9/15/94	BENZENE	1.0	U	5
KBA-11-16	4/12/95	BENZENE	0.4	J	5
KBA-11-16	4/17/96	BENZENE	1.0		5
KBA-11-16	5/29/96	BENZENE	0.0	U	5
KBA-11-16	6/13/96	BENZENE	0.0	U	5
KBA-11-16	7/17/96	BENZENE	0.0	U	5
KBA-11-16	10/22/96	BENZENE	0.0	U	5
KBA-11-16	10/22/96	BENZENE	0.0	U	5
KBA-11-16	3/8/97	BENZENE	0.0	U	5
KBA-11-16	9/18/97	BENZENE	0.0	U	5
KBA-11-16	8/3/99	BENZENE	1.0	U	5
KBA-11-16	11/9/99	BENZENE	1.0	U	5
KBA-11-16	2/11/00	BENZENE	1.0	U	5
KBA-11-16	5/4/00	BENZENE	1.0	U	5
KBA-11-16	8/11/00	BENZENE	1.0	U	5
KBA-11-16	11/8/00	BENZENE	1.0	U	5
KBA-11-16	1/7/94	CHLOROBENZENE	1.0	U	1
KBA-11-16	1/7/94	CHLOROBENZENE	20.0	UR	1
KBA-11-16	4/7/94	CHLOROBENZENE	8.4	U	1
KBA-11-16	9/15/94	CHLOROBENZENE	1.0	U	1
KBA-11-16	9/15/94	CHLOROBENZENE	1.0	U	1
KBA-11-16	4/12/95	CHLOROBENZENE	0.0	U	1
KBA-11-16	4/17/96	CHLOROBENZENE	0.0	U	1
KBA-11-16	5/29/96	CHLOROBENZENE	0.0	U	1
KBA-11-16	6/13/96	CHLOROBENZENE	0.0	U	1
KBA-11-16	7/17/96	CHLOROBENZENE	0.0	U	1
KBA-11-16	10/22/96	CHLOROBENZENE	0.0	U	1
KBA-11-16	10/22/96	CHLOROBENZENE	0.0	U	1
KBA-11-16	9/18/97	CHLOROBENZENE	0.0	U	1
KBA-11-16	8/3/99	CHLOROBENZENE	1.0	U	1
KBA-11-16	11/9/99	CHLOROBENZENE	1.0	U	1
KBA-11-16	2/11/00	CHLOROBENZENE	1.0	U	1
KBA-11-16	5/4/00	CHLOROBENZENE	1.0	U	1
KBA-11-16	8/11/00	CHLOROBENZENE	1.0	U	1
KBA-11-16	11/8/00	CHLOROBENZENE	1.0	U	1
KBA-11-16	1/7/94	CHLOROETHANE	1.0	U	1
KBA-11-16	1/7/94	CHLOROETHANE	20.0	UR	1

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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	4/7/94	CHLOROETHANE	17.0	U	1
KBA-11-16	9/15/94	CHLOROETHANE	1.0	U	1
KBA-11-16	9/15/94	CHLOROETHANE	1.0	U	1
KBA-11-16	4/12/95	CHLOROETHANE	0.0	U	1
KBA-11-16	4/17/96	CHLOROETHANE	0.0	U	1
KBA-11-16	5/29/96	CHLOROETHANE	2.0		1
KBA-11-16	6/13/96	CHLOROETHANE	0.0	U	1
KBA-11-16	7/17/96	CHLOROETHANE	0.0	U	1
KBA-11-16	10/22/96	CHLOROETHANE	0.0	U	1
KBA-11-16	10/22/96	CHLOROETHANE	0.0	U	1
KBA-11-16	9/18/97	CHLOROETHANE	0.0	U	1
KBA-11-16	8/3/99	CHLOROETHANE	1.0	U	1
KBA-11-16	11/9/99	CHLOROETHANE	1.0	U	1
KBA-11-16	2/11/00	CHLOROETHANE	1.0	U	1
KBA-11-16	5/4/00	CHLOROETHANE	1.0	U	1
KBA-11-16	8/11/00	CHLOROETHANE	1.0	U	1
KBA-11-16	11/8/00	CHLOROETHANE	1.0	U	1
KBA-11-16	1/7/94	CIS-1,2-DICHLOROETHENE	7.0		70
KBA-11-16	1/7/94	CIS-1,2-DICHLOROETHENE	20.0	UR	70
KBA-11-16	9/15/94	CIS-1,2-DICHLOROETHENE	1.0		70
KBA-11-16	9/15/94	CIS-1,2-DICHLOROETHENE	0.9	J	70
KBA-11-16	4/12/95	CIS-1,2-DICHLOROETHENE	3.0		70
KBA-11-16	4/17/96	CIS-1,2-DICHLOROETHENE	6.0		70
KBA-11-16	5/29/96	CIS-1,2-DICHLOROETHENE	4.0		70
KBA-11-16	6/13/96	CIS-1,2-DICHLOROETHENE	3.0		70
KBA-11-16	7/17/96	CIS-1,2-DICHLOROETHENE	5.0	J	70
KBA-11-16	10/22/96	CIS-1,2-DICHLOROETHENE	0.7	J	70
KBA-11-16	10/22/96	CIS-1,2-DICHLOROETHENE	1.2		70
KBA-11-16	3/8/97	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-16	9/18/97	CIS-1,2-DICHLOROETHENE	1.0		70
KBA-11-16	11/10/97	CIS-1,2-DICHLOROETHENE	5.0	U	70
KBA-11-16	8/3/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-16	11/9/99	CIS-1,2-DICHLOROETHENE	3.6		70
KBA-11-16	2/11/00	CIS-1,2-DICHLOROETHENE	14.0		70
KBA-11-16	5/4/00	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-16	8/11/00	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-16	11/8/00	CIS-1,2-DICHLOROETHENE	8.0		70
KBA-11-16	1/7/94	ETHYLBENZENE	5.0		700
KBA-11-16	1/7/94	ETHYLBENZENE	20.0	UR	700
KBA-11-16	4/7/94	ETHYLBENZENE	8.4	U	700
KBA-11-16	9/15/94	ETHYLBENZENE	1.0	U	700
KBA-11-16	9/15/94	ETHYLBENZENE	1.0	U	700
KBA-11-16	4/12/95	ETHYLBENZENE	0.0	U	700
KBA-11-16	4/17/96	ETHYLBENZENE	3.0		700
KBA-11-16	5/29/96	ETHYLBENZENE	0.0	U	700
KBA-11-16	6/13/96	ETHYLBENZENE	0.0	U	700
KBA-11-16	7/17/96	ETHYLBENZENE	0.0	U	700
KBA-11-16	10/22/96	ETHYLBENZENE	0.0	U	700
KBA-11-16	10/22/96	ETHYLBENZENE	0.2	J	700
KBA-11-16	9/18/97	ETHYLBENZENE	0.0	U	700
KBA-11-16	8/3/99	ETHYLBENZENE	1.0	U	700
KBA-11-16	11/9/99	ETHYLBENZENE	1.0	U	700

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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	2/11/00	ETHYLBENZENE	1.0	U	700
KBA-11-16	5/4/00	ETHYLBENZENE	1.0	U	700
KBA-11-16	8/11/00	ETHYLBENZENE	0.8	J	700
KBA-11-16	11/8/00	ETHYLBENZENE	1.0	J	700
KBA-11-16	1/7/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	1/7/94	TETRACHLOROETHENE	20.0	UR	5
KBA-11-16	4/7/94	TETRACHLOROETHENE	8.4	U	5
KBA-11-16	9/15/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	9/15/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	4/12/95	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	4/17/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	5/29/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	6/13/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	7/17/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	10/22/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	10/22/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	3/8/97	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	9/18/97	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	11/10/97	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	8/3/99	TETRACHLOROETHENE	5.0	U	5
KBA-11-16	11/9/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-16	2/11/00	TETRACHLOROETHENE	3.0	U	5
KBA-11-16	5/4/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	8/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	11/8/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	1/7/94	TOLUENE	2.0	U	5
KBA-11-16	1/7/94	TOLUENE	32.0	R	1000
KBA-11-16	4/7/94	TOLUENE	23.0		1000
KBA-11-16	9/15/94	TOLUENE	24.0		1000
KBA-11-16	9/15/94	TOLUENE	1.0	U	1000
KBA-11-16	4/12/95	TOLUENE	1.0	U	1000
KBA-11-16	4/17/96	TOLUENE	2.0		1000
KBA-11-16	5/29/96	TOLUENE	37.0		1000
KBA-11-16	6/13/96	TOLUENE	3.0		1000
KBA-11-16	7/17/96	TOLUENE	0.0	U	1000
KBA-11-16	10/22/96	TOLUENE	3.0	J	1000
KBA-11-16	10/22/96	TOLUENE	1.2		1000
KBA-11-16	9/18/97	TOLUENE	1.6		1000
KBA-11-16	8/3/99	TOLUENE	0.0	U	1000
KBA-11-16	11/9/99	TOLUENE	1.0	U	1000
KBA-11-16	2/11/00	TOLUENE	1.0	U	1000
KBA-11-16	5/4/00	TOLUENE	1.0	U	1000
KBA-11-16	8/11/00	TOLUENE	1.0	U	1000
KBA-11-16	11/8/00	TOLUENE	1.0	U	1000
KBA-11-16	1/7/94	TRANS-1,2-DICHLOROETHENE	1.0	U	1000
KBA-11-16	1/7/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	9/15/94	TRANS-1,2-DICHLOROETHENE	20.0	UR	100
KBA-11-16	9/15/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	4/12/95	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	4/17/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	5/29/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	6/13/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
			0.0	U	100

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LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-16	7/17/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	10/22/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	10/22/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	9/18/97	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	8/3/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	11/9/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	2/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	5/4/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	8/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	1/7/94	TRICHLOROETHENE	0.6	J	5
KBA-11-16	1/7/94	TRICHLOROETHENE	20.0	UR	5
KBA-11-16	4/7/94	TRICHLOROETHENE	8.4	U	5
KBA-11-16	9/15/94	TRICHLOROETHENE	1.0	U	5
KBA-11-16	9/15/94	TRICHLOROETHENE	1.0	U	5
KBA-11-16	4/12/95	TRICHLOROETHENE	0.1	J	5
KBA-11-16	4/17/96	TRICHLOROETHENE	0.0	U	5
KBA-11-16	5/29/96	TRICHLOROETHENE	0.0	U	5
KBA-11-16	6/13/96	TRICHLOROETHENE	0.0	U	5
KBA-11-16	7/17/96	TRICHLOROETHENE	0.0	U	5
KBA-11-16	10/22/96	TRICHLOROETHENE	0.0	U	5
KBA-11-16	10/22/96	TRICHLOROETHENE	0.0	U	5
KBA-11-16	3/8/97	TRICHLOROETHENE	0.0	U	5
KBA-11-16	9/18/97	TRICHLOROETHENE	0.0	U	5
KBA-11-16	11/10/97	TRICHLOROETHENE	5.0	U	5
KBA-11-16	8/3/99	TRICHLOROETHENE	1.0	U	5
KBA-11-16	11/9/99	TRICHLOROETHENE	1.0	U	2
KBA-11-16	2/11/00	TRICHLOROETHENE	1.0	U	2
KBA-11-16	5/4/00	TRICHLOROETHENE	1.0	U	2
KBA-11-16	8/11/00	TRICHLOROETHENE	1.0	U	2
KBA-11-16	11/8/00	TRICHLOROETHENE	1.0	U	2
KBA-11-16	1/7/94	VINYL CHLORIDE	1.0	U	2
KBA-11-16	1/7/94	VINYL CHLORIDE	20.0	UR	2
KBA-11-16	4/7/94	VINYL CHLORIDE	17.0	U	2
KBA-11-16	9/15/94	VINYL CHLORIDE	1.0	U	2
KBA-11-16	9/15/94	VINYL CHLORIDE	1.0	U	2
KBA-11-16	4/12/95	VINYL CHLORIDE	0.3	J	2
KBA-11-16	4/17/96	VINYL CHLORIDE	0.0	U	2
KBA-11-16	5/29/96	VINYL CHLORIDE	0.0	U	2
KBA-11-16	6/13/96	VINYL CHLORIDE	0.0	U	2
KBA-11-16	7/17/96	VINYL CHLORIDE	0.0	U	2
KBA-11-16	10/22/96	VINYL CHLORIDE	0.0	U	2
KBA-11-16	10/22/96	VINYL CHLORIDE	0.0	U	2
KBA-11-16	3/8/97	VINYL CHLORIDE	0.0	U	2
KBA-11-16	9/18/97	VINYL CHLORIDE	0.0	U	2
KBA-11-16	11/10/97	VINYL CHLORIDE	2.0	U	2
KBA-11-16	8/3/99	VINYL CHLORIDE	1.0	U	2
KBA-11-16	11/9/99	VINYL CHLORIDE	1.4	I	2
KBA-11-16	2/11/00	VINYL CHLORIDE	1.0		2
KBA-11-16	5/4/00	VINYL CHLORIDE	1.0	U	2
KBA-11-16	8/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-16	11/8/00	VINYL CHLORIDE	1.0	U	2
KBA-11-16	1/7/94	XYLENES, TOTAL	12.0		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 Analyses
KBA-11-16, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-16	1/7/94	XYLENES, TOTAL	6.0	R	10000
KBA-11-16	4/7/94	XYLENES, TOTAL	5.4	J	10000
KBA-11-16	9/15/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-16	9/15/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-16	4/12/95	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	4/17/96	XYLENES, TOTAL	4.0		10000
KBA-11-16	7/17/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	10/22/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	10/22/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	9/18/97	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	8/3/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-16	11/9/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-16	2/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-16	5/4/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-16	8/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-16	11/8/00	XYLENES, TOTAL	2.0	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	1/7/94	1,1-DICHLOROETHANE	1.0		1
KBA-11-17B	1/7/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-17B	4/7/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-17B	9/15/94	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-17B	4/12/95	1,1-DICHLOROETHANE	0.4	J	1
KBA-11-17B	4/17/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-17B	4/17/96	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-17B	8/3/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-17B	2/11/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-17B	8/11/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-17B	1/7/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	1/7/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	4/7/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	9/15/94	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	4/12/95	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-17B	4/17/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-17B	4/17/96	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-17B	8/3/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	2/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	8/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-17B	8/3/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-17B	2/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-17B	8/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-17B	9/15/94	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-17B	9/15/94	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-17B	4/12/95	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	4/12/95	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	4/17/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	4/17/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	4/17/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	4/17/96	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-17B	8/3/99	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-17B	2/11/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-17B	8/11/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-17B	1/7/94	BENZENE	0.5	J	5
KBA-11-17B	1/7/94	BENZENE	1.0	U	5
KBA-11-17B	4/7/94	BENZENE	1.0	U	5
KBA-11-17B	9/15/94	BENZENE	1.0	U	5
KBA-11-17B	4/12/95	BENZENE	0.6	J	5
KBA-11-17B	4/17/96	BENZENE	0.0	U	5
KBA-11-17B	4/17/96	BENZENE	0.0	U	5
KBA-11-17B	8/3/99	BENZENE	1.0	U	5
KBA-11-17B	2/11/00	BENZENE	1.0	U	5
KBA-11-17B	8/11/00	BENZENE	1.0	U	5
KBA-11-17B	1/7/94	CHLOROBENZENE	1.0	U	1
KBA-11-17B	1/7/94	CHLOROBENZENE	1.0	U	1
KBA-11-17B	4/7/94	CHLOROBENZENE	1.0	U	1
KBA-11-17B	9/15/94	CHLOROBENZENE	1.0	U	1
KBA-11-17B	4/12/95	CHLOROBENZENE	0.0	U	1
KBA-11-17B	4/17/96	CHLOROBENZENE	0.0	U	1
KBA-11-17B	4/17/96	CHLOROBENZENE	0.0	U	1
KBA-11-17B	8/3/99	CHLOROBENZENE	1.0	U	1
KBA-11-17B	2/11/00	CHLOROBENZENE	1.0	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	8/11/00	CHLOROBENZENE	1.0	U	1
KBA-11-17B	1/7/94	CHLOROETHANE	1.0	U	1
KBA-11-17B	1/7/94	CHLOROETHANE	1.0	U	1
KBA-11-17B	4/7/94	CHLOROETHANE	1.0	U	1
KBA-11-17B	9/15/94	CHLOROETHANE	1.0	U	1
KBA-11-17B	4/12/95	CHLOROETHANE	0.0	U	1
KBA-11-17B	4/17/96	CHLOROETHANE	0.0	U	1
KBA-11-17B	4/17/96	CHLOROETHANE	0.0	U	1
KBA-11-17B	8/3/99	CHLOROETHANE	1.0	U	1
KBA-11-17B	2/11/00	CHLOROETHANE	1.0	U	1
KBA-11-17B	8/11/00	CHLOROETHANE	1.0	U	1
KBA-11-17B	1/7/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	1/7/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	4/7/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	9/15/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	4/12/95	CIS-1,2-DICHLOROETHENE	0.4	J	70
KBA-11-17B	4/17/96	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-17B	4/17/96	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-17B	11/10/97	CIS-1,2-DICHLOROETHENE	5.0	U	70
KBA-11-17B	8/3/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	2/11/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	8/11/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	1/7/94	ETHYLBENZENE	1.0	U	700
KBA-11-17B	1/7/94	ETHYLBENZENE	1.0	U	700
KBA-11-17B	4/7/94	ETHYLBENZENE	1.0	U	700
KBA-11-17B	9/15/94	ETHYLBENZENE	1.0	U	700
KBA-11-17B	4/12/95	ETHYLBENZENE	0.0	U	700
KBA-11-17B	4/17/96	ETHYLBENZENE	0.0	U	700
KBA-11-17B	4/17/96	ETHYLBENZENE	0.0	U	700
KBA-11-17B	8/3/99	ETHYLBENZENE	1.0	U	700
KBA-11-17B	2/11/00	ETHYLBENZENE	1.0	U	700
KBA-11-17B	8/11/00	ETHYLBENZENE	1.0	U	700
KBA-11-17B	1/7/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	1/7/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	4/7/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	9/15/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	4/12/95	TETRACHLOROETHENE	0.0	U	5
KBA-11-17B	4/17/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-17B	4/17/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-17B	11/10/97	TETRACHLOROETHENE	5.0	U	5
KBA-11-17B	8/3/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-17B	2/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	8/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	1/7/94	TOLUENE	1.0	U	1000
KBA-11-17B	1/7/94	TOLUENE	1.0	U	1000
KBA-11-17B	4/7/94	TOLUENE	1.0	U	1000
KBA-11-17B	9/15/94	TOLUENE	1.0	U	1000
KBA-11-17B	4/12/95	TOLUENE	0.0	U	1000
KBA-11-17B	4/17/96	TOLUENE	0.0	U	1000
KBA-11-17B	4/17/96	TOLUENE	0.0	U	1000
KBA-11-17B	8/3/99	TOLUENE	1.0	U	1000
KBA-11-17B	2/11/00	TOLUENE	1.0	U	1000
KBA-11-17B	8/11/00	TOLUENE	1.0	U	1000

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	1/7/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	1/7/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	4/7/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	9/15/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	4/12/95	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-17B	4/17/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-17B	4/17/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-17B	8/3/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	2/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	8/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	1/7/94	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	1/7/94	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	4/7/94	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	9/15/94	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	4/12/95	TRICHLOROETHENE	0.0	U	5
KBA-11-17B	4/17/96	TRICHLOROETHENE	0.0	U	5
KBA-11-17B	4/17/96	TRICHLOROETHENE	0.0	U	5
KBA-11-17B	11/10/97	TRICHLOROETHENE	5.0	U	5
KBA-11-17B	8/3/99	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	2/11/00	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	8/11/00	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	1/7/94	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	1/7/94	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	4/7/94	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	9/15/94	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	4/12/95	VINYL CHLORIDE	0.0	U	2
KBA-11-17B	4/17/96	VINYL CHLORIDE	0.0	U	2
KBA-11-17B	4/17/96	VINYL CHLORIDE	0.0	U	2
KBA-11-17B	11/10/97	VINYL CHLORIDE	2.0	U	2
KBA-11-17B	8/3/99	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	2/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	8/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	1/7/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	1/7/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	4/7/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	9/15/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	4/12/95	XYLENES, TOTAL	0.0	U	10000
KBA-11-17B	4/17/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-17B	4/17/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-17B	8/3/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-17B	2/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-17B	8/11/00	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	8/2/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-34	11/9/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-34	2/11/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-34	8/11/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-34	8/2/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-34	11/9/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-34	2/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-34	8/11/00	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-34	8/2/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	11/9/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	2/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	5/4/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	8/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	11/8/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	8/2/99	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	11/9/99	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	2/11/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	5/4/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	8/11/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	11/8/00	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	8/2/99	BENZENE	1.0	U	5
KBA-11-34	11/9/99	BENZENE	1.0	U	5
KBA-11-34	2/11/00	BENZENE	1.0	U	5
KBA-11-34	5/4/00	BENZENE	1.0	U	5
KBA-11-34	8/11/00	BENZENE	1.0	U	5
KBA-11-34	11/8/00	BENZENE	1.0	U	5
KBA-11-34	8/2/99	CHLOROBENZENE	1.0	U	1
KBA-11-34	11/9/99	CHLOROBENZENE	1.0	U	1
KBA-11-34	2/11/00	CHLOROBENZENE	1.0	U	1
KBA-11-34	5/4/00	CHLOROBENZENE	1.0	U	1
KBA-11-34	8/11/00	CHLOROBENZENE	1.0	U	1
KBA-11-34	11/8/00	CHLOROBENZENE	1.0	U	1
KBA-11-34	8/2/99	CHLOROETHANE	1.0	U	1
KBA-11-34	11/9/99	CHLOROETHANE	1.0	U	1
KBA-11-34	2/11/00	CHLOROETHANE	1.0	U	1
KBA-11-34	5/4/00	CHLOROETHANE	1.0	U	1
KBA-11-34	8/11/00	CHLOROETHANE	1.0	U	1
KBA-11-34	11/8/00	CHLOROETHANE	1.0	U	1
KBA-11-34	9/17/98	CIS-1,2-DICHLOROETHENE	8.0		70
KBA-11-34	10/30/98	CIS-1,2-DICHLOROETHENE	24.0		70
KBA-11-34	11/13/98	CIS-1,2-DICHLOROETHENE	5.0	U	70
KBA-11-34	11/24/98	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	12/22/98	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	1/27/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	2/18/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	3/15/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	5/20/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	6/22/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	7/26/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	8/2/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	8/16/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	11/9/99	CIS-1,2-DICHLOROETHENE	1.0	U	70

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	2/11/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	5/4/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	8/11/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	11/8/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	8/2/99	ETHYLBENZENE	1.0	U	700
KBA-11-34	11/9/99	ETHYLBENZENE	1.0	U	700
KBA-11-34	2/11/00	ETHYLBENZENE	1.0	U	700
KBA-11-34	5/4/00	ETHYLBENZENE	1.0	U	700
KBA-11-34	8/11/00	ETHYLBENZENE	1.0	U	700
KBA-11-34	11/8/00	ETHYLBENZENE	1.0	U	700
KBA-11-34	**9/17/98**	**TETRACHLOROETHENE**	**3200.0**		**5**
KBA-11-34	**10/30/98**	**TETRACHLOROETHENE**	**8500.0**		**5**
KBA-11-34	**11/13/98**	**TETRACHLOROETHENE**	**180.0**		**5**
KBA-11-34	**11/24/98**	**TETRACHLOROETHENE**	**200.0**		**5**
KBA-11-34	**12/22/98**	**TETRACHLOROETHENE**	**87.0**		**5**
KBA-11-34	**1/27/99**	**TETRACHLOROETHENE**	**83.0**		**5**
KBA-11-34	**2/18/99**	**TETRACHLOROETHENE**	**9.0**		**5**
KBA-11-34	**3/15/99**	**TETRACHLOROETHENE**	**62.0**		**5**
KBA-11-34	**5/20/99**	**TETRACHLOROETHENE**	**83.0**		**5**
KBA-11-34	**6/22/99**	**TETRACHLOROETHENE**	**10.0**		**5**
KBA-11-34	**7/26/99**	**TETRACHLOROETHENE**	**24.0**		**5**
KBA-11-34	**8/2/99**	**TETRACHLOROETHENE**	**17.0**		**5**
KBA-11-34	**8/16/99**	**TETRACHLOROETHENE**	**16.0**		**5**
KBA-11-34	**11/9/99**	**TETRACHLOROETHENE**	**22.0**		**5**
KBA-11-34	**2/11/00**	**TETRACHLOROETHENE**	**83.0**		**5**
KBA-11-34	**5/4/00**	**TETRACHLOROETHENE**	**89.0**		**5**
KBA-11-34	**8/11/00**	**TETRACHLOROETHENE**	**63.0**		**5**
KBA-11-34	**11/8/00**	**TETRACHLOROETHENE**	**79.0**		**5**
KBA-11-34	8/2/99	TOLUENE	1.0	U	1000
KBA-11-34	11/9/99	TOLUENE	1.0	U	1000
KBA-11-34	2/11/00	TOLUENE	1.0	U	1000
KBA-11-34	5/4/00	TOLUENE	1.0	U	1000
KBA-11-34	8/11/00	TOLUENE	1.0	U	1000
KBA-11-34	11/8/00	TOLUENE	1.0	U	1000
KBA-11-34	8/2/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-34	11/9/99	TRANS-1,2-DICHLOROETHENE	1.0		100
KBA-11-34	2/11/00	TRANS-1,2-DICHLOROETHENE	1.0		100
KBA-11-34	5/4/00	TRANS-1,2-DICHLOROETHENE	1.0		100
KBA-11-34	8/11/00	TRANS-1,2-DICHLOROETHENE	1.0		100
KBA-11-34	11/8/00	TRANS-1,2-DICHLOROETHENE	1.0		100
KBA-11-34	**9/17/98**	**TRICHLOROETHENE**	**350.0**		**5**
KBA-11-34	**10/30/98**	**TRICHLOROETHENE**	**550.0**		**5**
KBA-11-34	**11/13/98**	**TRICHLOROETHENE**	**30.0**		**5**
KBA-11-34	**11/24/98**	**TRICHLOROETHENE**	**19.0**		**5**
KBA-11-34	**12/22/98**	**TRICHLOROETHENE**	**6.0**		**5**
KBA-11-34	**1/27/99**	**TRICHLOROETHENE**	**7.0**		**5**
KBA-11-34	2/18/99	TRICHLOROETHENE	1.0	U	5
KBA-11-34	3/15/99	TRICHLOROETHENE	3.0		5
KBA-11-34	5/20/99	TRICHLOROETHENE	3.0		5
KBA-11-34	6/22/99	TRICHLOROETHENE	1.0	U	5
KBA-11-34	7/26/99	TRICHLOROETHENE	1.0	U	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	8/2/99	TRICHLOROETHENE	1.0	I	5
KBA-11-34	8/16/99	TRICHLOROETHENE	1.0	U	5
KBA-11-34	11/9/99	TRICHLOROETHENE	1.0	U	5
KBA-11-34	2/11/00	TRICHLOROETHENE	2.0		5
KBA-11-34	5/4/00	TRICHLOROETHENE	1.0		5
KBA-11-34	8/11/00	TRICHLOROETHENE	0.6	J	5
KBA-11-34	11/8/00	TRICHLOROETHENE	1.0	J	5
KBA-11-34	9/17/98	VINYL CHLORIDE	1.0	U	2
KBA-11-34	10/30/98	VINYL CHLORIDE	1.0	U	2
KBA-11-34	11/13/98	VINYL CHLORIDE	5.0	U	2
KBA-11-34	11/24/98	VINYL CHLORIDE	1.0	U	2
KBA-11-34	12/22/98	VINYL CHLORIDE	1.0	U	2
KBA-11-34	1/27/99	VINYL CHLORIDE	1.0	U	2
KBA-11-34	2/18/99	VINYL CHLORIDE	1.0	U	2
KBA-11-34	3/15/99	VINYL CHLORIDE	1.0	U	2
KBA-11-34	5/20/99	VINYL CHLORIDE	5.0	U	2
KBA-11-34	6/22/99	VINYL CHLORIDE	1.0	U	2
KBA-11-34	7/26/99	VINYL CHLORIDE	1.0	U	2
KBA-11-34	8/2/99	VINYL CHLORIDE	1.0	U	2
KBA-11-34	8/16/99	VINYL CHLORIDE	1.0	U	2
KBA-11-34	11/9/99	VINYL CHLORIDE	1.0	U	2
KBA-11-34	2/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-34	5/4/00	VINYL CHLORIDE	1.0	U	2
KBA-11-34	8/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-34	11/8/00	VINYL CHLORIDE	1.0	U	2
KBA-11-34	8/2/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-34	11/9/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-34	2/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-34	5/4/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-34	8/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-34	11/8/00	XYLENES, TOTAL	2.0	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	8/16/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-37	11/9/99	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-37	2/11/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-37	5/4/00	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-37	8/16/99	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-37	11/9/99	1,1-DICHLOROETHENE	1.0	U	1
KBA-11-37	2/11/00	1,1-DICHLOROETHENE	1.0	U	1
KBA-11-37	5/4/00	1,1-DICHLOROETHENE	1.0	U	1
KBA-11-37	8/11/00	1,1-DICHLOROETHENE	1.0	U	1
KBA-11-37	8/16/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	11/9/99	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	2/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	5/4/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	8/11/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	11/8/00	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	8/16/99	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-37	11/9/99	1,4-DICHLOROBENZENE	4.7		75
KBA-11-37	2/11/00	1,4-DICHLOROBENZENE	3.0		75
KBA-11-37	5/4/00	1,4-DICHLOROBENZENE	3.0		75
KBA-11-37	8/11/00	1,4-DICHLOROBENZENE	3.0		75
KBA-11-37	11/8/00	1,4-DICHLOROBENZENE	3.0		75
KBA-11-37	8/16/99	BENZENE	2.1		5
KBA-11-37	11/9/99	BENZENE	2.0		5
KBA-11-37	2/11/00	BENZENE	2.0		5
KBA-11-37	5/4/00	BENZENE	2.0		5
KBA-11-37	8/11/00	BENZENE	2.0		5
KBA-11-37	11/8/00	BENZENE	2.0		5
KBA-11-37	**8/16/99**	**CHLOROBENZENE**	**2.9**		**1**
KBA-11-37	**11/9/99**	**CHLOROBENZENE**	**3.1**		**1**
KBA-11-37	**2/11/00**	**CHLOROBENZENE**	**2.0**		**1**
KBA-11-37	**5/4/00**	**CHLOROBENZENE**	**3.0**		**1**
KBA-11-37	**8/11/00**	**CHLOROBENZENE**	**2.0**		**1**
KBA-11-37	**11/8/00**	**CHLOROBENZENE**	**3.0**		**1**
KBA-11-37	8/16/99	CHLOROETHANE	1.0	U	1
KBA-11-37	11/9/99	CHLOROETHANE	1.0	U	1
KBA-11-37	2/11/00	CHLOROETHANE	1.0	U	1
KBA-11-37	5/4/00	CHLOROETHANE	1.0	U	1
KBA-11-37	8/11/00	CHLOROETHANE	1.0	U	1
KBA-11-37	11/8/00	CHLOROETHANE	1.0	U	1
KBA-11-37	8/16/99	CIS-1,2-DICHLOROETHENE	24.0		70
KBA-11-37	11/9/99	CIS-1,2-DICHLOROETHENE	17.0		70
KBA-11-37	2/11/00	CIS-1,2-DICHLOROETHENE	16.0		70
KBA-11-37	5/4/00	CIS-1,2-DICHLOROETHENE	17.0		70
KBA-11-37	8/11/00	CIS-1,2-DICHLOROETHENE	14.0		70
KBA-11-37	11/8/00	CIS-1,2-DICHLOROETHENE	11.0		70
KBA-11-37	8/16/99	ETHYLBENZENE	15.0		700
KBA-11-37	11/9/99	ETHYLBENZENE	14.0	U	700
KBA-11-37	2/11/00	ETHYLBENZENE	9.0		700
KBA-11-37	5/4/00	ETHYLBENZENE	1.0U		700
KBA-11-37	8/11/00	ETHYLBENZENE	7.0		700
KBA-11-37	11/8/00	ETHYLBENZENE	10.0		700
KBA-11-37	8/16/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-37	11/9/99	TETRACHLOROETHENE	3.0	U	5

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
KBA-11-37, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-37	2/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-37	5/4/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-37	8/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-37	11/8/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-37	8/16/99	TOLUENE	1.0	U	1000
KBA-11-37	11/9/99	TOLUENE	1.0	U	1000
KBA-11-37	2/11/00	TOLUENE	1.0		1000
KBA-11-37	5/4/00	TOLUENE	1.0U		1000
KBA-11-37	8/11/00	TOLUENE	1.0U		1000
KBA-11-37	11/8/00	TOLUENE	1.0U		1000
KBA-11-37	8/16/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	11/9/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	2/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	5/4/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	8/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	11/8/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	8/16/99	TRICHLOROETHENE	1.0	U	5
KBA-11-37	11/9/99	TRICHLOROETHENE	1.0	U	5
KBA-11-37	2/11/00	TRICHLOROETHENE	1.0	U	5
KBA-11-37	5/4/00	TRICHLOROETHENE	1.0	U	5
KBA-11-37	8/11/00	TRICHLOROETHENE	1.0	U	5
KBA-11-37	11/8/00	TRICHLOROETHENE	1.0	U	5
KBA-11-37	**8/16/99**	**VINYL CHLORIDE**	**2.5**	**I**	**2**
KBA-11-37	11/9/99	VINYL CHLORIDE	1.4	I	2
KBA-11-37	2/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-37	5/4/00	VINYL CHLORIDE	1.0	U	2
KBA-11-37	8/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-37	11/8/00	VINYL CHLORIDE	1.0	U	2
KBA-11-37	8/16/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-37	11/9/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-37	2/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-37	5/4/00	XYLENES, TOTAL	12.0	U	10000
KBA-11-37	8/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-37	11/8/00	XYLENES, TOTAL	2.0	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	**4/18/96**	**1,1-DICHLOROETHANE**	**16.0**		**1**
PS-2	**5/29/96**	**1,1-DICHLOROETHANE**	**10.0**		**1**
PS-2	**5/31/96**	**1,1-DICHLOROETHANE**	**11.0**		**1**
PS-2	**6/5/96**	**1,1-DICHLOROETHANE**	**11.0**		**1**
PS-2	**6/6/96**	**1,1-DICHLOROETHANE**	**11.0**		**1**
PS-2	6/8/96	1,1-DICHLOROETHANE	0.0	U	1
PS-2	6/13/96	1,1-DICHLOROETHANE	0.0	U	1
PS-2	6/28/96	1,1-DICHLOROETHANE	0.0	U	1
PS-2	**7/17/96**	**1,1-DICHLOROETHANE**	**13.0**	**J**	**1**
PS-2	10/24/96	1,1-DICHLOROETHANE	0.0	U	1
PS-2	**3/8/97**	**1,1-DICHLOROETHANE**	**10.0**		**1**
PS-2	**9/16/97**	**1,1-DICHLOROETHANE**	**8.0**	**J**	**1**
PS-2	**8/17/99**	**1,1-DICHLOROETHANE**	**5.6**		**1**
PS-2	**11/9/99**	**1,1-DICHLOROETHANE**	**5.1**		**1**
PS-2	**2/11/00**	**1,1-DICHLOROETHANE**	**5.0**		**1**
PS-2	**5/4/00**	**1,1-DICHLOROETHANE**	**5.0**		**1**
PS-2	**8/11/00**	**1,1-DICHLOROETHANE**	**4.0**		**1**
PS-2	**11/8/00**	**1,1-DICHLOROETHANE**	**4.0**		**1**
PS-2	4/18/96	1,1-DICHLOROETHENE	0.0	U	7
PS-2	5/29/96	1,1-DICHLOROETHENE	0.0	U	7
PS-2	5/31/96	1,1-DICHLOROETHENE	0.0	U	7
PS-2	6/5/96	1,1-DICHLOROETHENE	0.0	U	7
PS-2	6/6/96	1,1-DICHLOROETHENE	0.0	U	7
PS-2	6/8/96	1,1-DICHLOROETHENE	0.0	U	7
PS-2	6/13/96	1,1-DICHLOROETHENE	0.0	U	7
PS-2	6/28/96	1,1-DICHLOROETHENE	0.0	U	7
PS-2	7/17/96	1,1-DICHLOROETHENE	0.0	U	7
PS-2	10/24/96	1,1-DICHLOROETHENE	0.0	U	7
PS-2	9/16/97	1,1-DICHLOROETHENE	0.0	U	7
PS-2	8/17/99	1,1-DICHLOROETHENE	1.0		7
PS-2	11/9/99	1,1-DICHLOROETHENE	1.0	U	7
PS-2	2/11/00	1,1-DICHLOROETHENE	1.0	U	7
PS-2	5/4/00	1,1-DICHLOROETHENE	1.0	U	7
PS-2	8/11/00	1,1-DICHLOROETHENE	1.0	U	7
PS-2	8/17/99	1,2-DICHLOROETHANE	1.0	U	5
PS-2	11/9/99	1,2-DICHLOROETHANE	1.0	U	5
PS-2	2/11/00	1,2-DICHLOROETHANE	1.0	U	5
PS-2	5/4/00	1,2-DICHLOROETHANE	1.0	U	5
PS-2	8/11/00	1,2-DICHLOROETHANE	1.0	U	5
PS-2	11/8/00	1,2-DICHLOROETHANE	1.0	U	5
PS-2	4/18/96	1,4-DICHLOROBENZENE	0.0		75
PS-2	4/18/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	5/29/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	5/29/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	5/31/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	5/31/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	6/5/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	6/5/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	6/6/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	6/6/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	6/8/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	6/8/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	6/13/96	1,4-DICHLOROBENZENE	0.0	U	75

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J = estimated value.
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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	6/13/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	6/28/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	6/28/96	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	8/17/99	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	11/9/99	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	2/11/00	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	5/4/00	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	8/11/00	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	11/8/00	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	4/18/96	BENZENE	1.0		5
PS-2	5/29/96	BENZENE	2.0		5
PS-2	5/31/96	BENZENE	0.0	U	5
PS-2	6/5/96	BENZENE	0.0	U	5
PS-2	6/6/96	BENZENE	0.0	U	5
PS-2	6/8/96	BENZENE	0.0	U	5
PS-2	6/13/96	BENZENE	0.0	U	5
PS-2	6/28/96	BENZENE	0.0	U	5
PS-2	7/17/96	BENZENE	4.0	J	5
PS-2	10/24/96	BENZENE	0.0	U	5
PS-2	**3/8/97**	**BENZENE**	**5.9**		**5**
PS-2	**9/16/97**	**BENZENE**	**10.0**		**5**
PS-2	**8/17/99**	**BENZENE**	**9.1**		**5**
PS-2	**11/9/99**	**BENZENE**	**9.4**		**5**
PS-2	**2/11/00**	**BENZENE**	**8.0**		**5**
PS-2	**5/4/00**	**BENZENE**	**8.0**		**5**
PS-2	**8/11/00**	**BENZENE**	**6.0**		**5**
PS-2	**11/8/00**	**BENZENE**	**5.0**		**5**
PS-2	4/18/96	CHLOROBENZENE	0.0	U	1
PS-2	5/29/96	CHLOROBENZENE	0.0	U	1
PS-2	5/31/96	CHLOROBENZENE	0.0	U	1
PS-2	6/5/96	CHLOROBENZENE	0.0	U	1
PS-2	6/6/96	CHLOROBENZENE	0.0	U	1
PS-2	6/8/96	CHLOROBENZENE	0.0	U	1
PS-2	6/13/96	CHLOROBENZENE	0.0	U	1
PS-2	6/28/96	CHLOROBENZENE	0.0	U	1
PS-2	7/17/96	CHLOROBENZENE	0.0	U	1
PS-2	10/24/96	CHLOROBENZENE	0.0	U	1
PS-2	9/16/97	CHLOROBENZENE	0.0	U	1
PS-2	8/17/99	CHLOROBENZENE	1.0	U	1
PS-2	11/9/99	CHLOROBENZENE	1.0	U	1
PS-2	2/11/00	CHLOROBENZENE	1.0	U	1
PS-2	5/4/00	CHLOROBENZENE	0.7	U	1
PS-2	8/11/00	CHLOROBENZENE	0.5	U	1
PS-2	4/18/96	CHLOROETHANE	0.0	U	1
PS-2	5/29/96	CHLOROETHANE	0.0	U	1
PS-2	5/31/96	CHLOROETHANE	0.0	U	1
PS-2	6/5/96	CHLOROETHANE	0.0	U	1
PS-2	6/6/96	CHLOROETHANE	0.0	U	1
PS-2	6/8/96	CHLOROETHANE	0.0	U	1
PS-2	6/13/96	CHLOROETHANE	0.0	U	1
PS-2	6/28/96	CHLOROETHANE	0.0	U	1
PS-2	7/17/96	CHLOROETHANE	0.0	U	1
PS-2	10/24/96	CHLOROETHANE	0.0	U	1

I = analyte detected; value is between the method detection level and the practical quantitation level.
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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	9/16/97	CHLOROETHANE	0.0	U	1
PS-2	8/17/99	CHLOROETHANE	1.0	U	1
PS-2	11/9/99	CHLOROETHANE	1.0	U	1
PS-2	2/11/00	CHLOROETHANE	1.0	U	1
PS-2	5/4/00	CHLOROETHANE	1.0	U	1
PS-2	8/11/00	CHLOROETHANE	1.0	U	1
PS-2	11/8/00	CHLOROETHANE	1.0	U	1
PS-2	**4/18/96**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
PS-2	**5/29/96**	**CIS-1,2-DICHLOROETHENE**	**210.0**		**70**
PS-2	**5/31/96**	**CIS-1,2-DICHLOROETHENE**	**160.0**		**70**
PS-2	**6/5/96**	**CIS-1,2-DICHLOROETHENE**	**160.0**		**70**
PS-2	**6/6/96**	**CIS-1,2-DICHLOROETHENE**	**170.0**		**70**
PS-2	**6/8/96**	**CIS-1,2-DICHLOROETHENE**	**75.0**		**70**
PS-2	**6/13/96**	**CIS-1,2-DICHLOROETHENE**	**140.0**		**70**
PS-2	**6/28/96**	**CIS-1,2-DICHLOROETHENE**	**210.0**		**70**
PS-2	**7/17/96**	**CIS-1,2-DICHLOROETHENE**	**200.0**		**70**
PS-2	10/24/96	CIS-1,2-DICHLOROETHENE	15.0		70
PS-2	**3/8/97**	**CIS-1,2-DICHLOROETHENE**	**110.0**		**70**
PS-2	9/16/97	CIS-1,2-DICHLOROETHENE	41.0		70
PS-2	8/17/99	CIS-1,2-DICHLOROETHENE	41.0		70
PS-2	11/9/99	CIS-1,2-DICHLOROETHENE	40.0		70
PS-2	2/11/00	CIS-1,2-DICHLOROETHENE	52.0		70
PS-2	5/4/00	CIS-1,2-DICHLOROETHENE	57.0		70
PS-2	**8/11/00**	**CIS-1,2-DICHLOROETHENE**	**58.0**		**70**
PS-2	**11/8/00**	**CIS-1,2-DICHLOROETHENE**	**61.0**		**70**
PS-2	4/18/96	ETHYLBENZENE	2.0		700
PS-2	5/29/96	ETHYLBENZENE	3.0		700
PS-2	5/31/96	ETHYLBENZENE	0.0	U	700
PS-2	6/5/96	ETHYLBENZENE	0.0	U	700
PS-2	6/6/96	ETHYLBENZENE	0.0	U	700
PS-2	6/8/96	ETHYLBENZENE	24.0		700
PS-2	6/13/96	ETHYLBENZENE	0.0	U	700
PS-2	6/28/96	ETHYLBENZENE	0.0	U	700
PS-2	7/17/96	ETHYLBENZENE	3.0	J	700
PS-2	10/24/96	ETHYLBENZENE	0.0	U	700
PS-2	9/16/97	ETHYLBENZENE	7.0	J	700
PS-2	8/17/99	ETHYLBENZENE	10.0		700
PS-2	11/9/99	ETHYLBENZENE	16.0		700
PS-2	2/11/00	ETHYLBENZENE	14.0		700
PS-2	5/4/00	ETHYLBENZENE	16.0		700
PS-2	8/11/00	ETHYLBENZENE	14.0		700
PS-2	11/8/00	ETHYLBENZENE	18.0		700
PS-2	4/18/96	TETRACHLOROETHENE	0.0	U	5
PS-2	5/29/96	TETRACHLOROETHENE	0.0	U	5
PS-2	5/31/96	TETRACHLOROETHENE	0.0	U	5
PS-2	6/5/96	TETRACHLOROETHENE	0.0	U	5
PS-2	6/6/96	TETRACHLOROETHENE	0.0	U	5
PS-2	**6/8/96**	**TETRACHLOROETHENE**	**270.0**		**5**
PS-2	6/13/96	TETRACHLOROETHENE	0.0	U	5
PS-2	6/28/96	TETRACHLOROETHENE	0.0	U	5
PS-2	7/17/96	TETRACHLOROETHENE	0.0	U	5
PS-2	10/24/96	TETRACHLOROETHENE	0.0	U	5
PS-2	3/8/97	TETRACHLOROETHENE	0.0	U	5

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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	9/16/97	TETRACHLOROETHENE	0.0	U	5
PS-2	8/17/99	TETRACHLOROETHENE	3.0	U	5
PS-2	11/9/99	TETRACHLOROETHENE	3.0	U	5
PS-2	2/11/00	TETRACHLOROETHENE	1.0	U	5
PS-2	5/4/00	TETRACHLOROETHENE	1.0	U	5
PS-2	8/11/00	TETRACHLOROETHENE	1.0	U	5
PS-2	11/8/00	TETRACHLOROETHENE	3.0	U	5
PS-2	4/18/96	TOLUENE	10.0	J	1000
PS-2	5/29/96	TOLUENE	66.0		1000
PS-2	5/31/96	TOLUENE	69.0		1000
PS-2	6/5/96	TOLUENE	75.0		1000
PS-2	6/6/96	TOLUENE	71.0		1000
PS-2	6/8/96	TOLUENE	0.0	U	1000
PS-2	6/13/96	TOLUENE	74.0		1000
PS-2	6/28/96	TOLUENE	0.0	U	1000
PS-2	7/17/96	TOLUENE	110.0		1000
PS-2	10/24/96	TOLUENE	0.0	U	1000
PS-2	9/16/97	TOLUENE	100.0		1000
PS-2	8/17/99	TOLUENE	43.0		1000
PS-2	11/9/99	TOLUENE	57.0		1000
PS-2	2/11/00	TOLUENE	37.0		1000
PS-2	5/4/00	TOLUENE	19.0		1000
PS-2	8/11/00	TOLUENE	8.0		1000
PS-2	11/8/00	TOLUENE	5.0		1000
PS-2	4/18/96	TRANS-1,2-DICHLOROETHENE	5.0		100
PS-2	5/29/96	TRANS-1,2-DICHLOROETHENE	1.0		100
PS-2	5/31/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	6/5/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	6/6/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	6/8/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	6/13/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	6/28/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	7/17/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	10/24/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	9/16/97	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	8/17/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
PS-2	11/9/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
PS-2	2/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	
PS-2	5/4/00	TRANS-1,2-DICHLOROETHENE	0.5	U	
PS-2	8/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	
PS-2	11/8/00	TRANS-1,2-DICHLOROETHENE	1.0	U	
PS-2	4/18/96	TRICHLOROETHENE	3.0		5
PS-2	5/29/96	TRICHLOROETHENE	2.0		5
PS-2	5/31/96	TRICHLOROETHENE	0.0	U	5
PS-2	6/5/96	TRICHLOROETHENE	0.0	U	5
PS-2	6/6/96	TRICHLOROETHENE	0.0	U	5
PS-2	**6/8/96**	**TRICHLOROETHENE**	**200.0**		**5**
PS-2	6/13/96	TRICHLOROETHENE	0.0	U	5
PS-2	6/28/96	TRICHLOROETHENE	0.0	U	5
PS-2	7/17/96	TRICHLOROETHENE	4.0	J	5
PS-2	10/24/96	TRICHLOROETHENE	0.0	U	5
PS-2	3/8/97	TRICHLOROETHENE	2.8		5
PS-2	9/16/97	TRICHLOROETHENE	1.0	J	5

I = analyte detected; value is between the method detection level and the practical quantitation level.
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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	8/17/99	TRICHLOROETHENE	1.3	I	5
PS-2	11/9/99	TRICHLOROETHENE	1.4	I	5
PS-2	2/11/00	TRICHLOROETHENE	2.0		5
PS-2	5/4/00	TRICHLOROETHENE	2.0		5
PS-2	8/11/00	TRICHLOROETHENE	2.0		5
PS-2	11/8/00	TRICHLOROETHENE	2.0		5
PS-2	**4/18/96**	**VINYL CHLORIDE**	**8.0**		**2**
PS-2	**5/29/96**	**VINYL CHLORIDE**	**5.0**		**2**
PS-2	5/31/96	VINYL CHLORIDE	0.0	U	2
PS-2	6/5/96	VINYL CHLORIDE	0.0	U	2
PS-2	6/6/96	VINYL CHLORIDE	0.0	U	2
PS-2	6/8/96	VINYL CHLORIDE	0.0	U	2
PS-2	6/13/96	VINYL CHLORIDE	0.0	U	2
PS-2	6/28/96	VINYL CHLORIDE	0.0	U	2
PS-2	7/17/96	VINYL CHLORIDE	0.0	U	2
PS-2	10/24/96	VINYL CHLORIDE	0.0	U	2
PS-2	**3/8/97**	**VINYL CHLORIDE**	**8.8**		**2**
PS-2	9/16/97	VINYL CHLORIDE	1.0	J	2
PS-2	**8/17/99**	**VINYL CHLORIDE**	**3.2**	**I**	**2**
PS-2	**11/9/99**	**VINYL CHLORIDE**	**2.9**		**2**
PS-2	**2/11/00**	**VINYL CHLORIDE**	**2.0**		**2**
PS-2	5/4/00	VINYL CHLORIDE	1.0U		2
PS-2	**8/11/00**	**VINYL CHLORIDE**	**2.0**		**2**
PS-2	**11/8/00**	**VINYL CHLORIDE**	**3.0**		**2**
PS-2	4/18/96	XYLENES, TOTAL	4.0		10000
PS-2	7/17/96	XYLENES, TOTAL	7.0	J	10000
PS-2	10/24/96	XYLENES, TOTAL	0.0	U	10000
PS-2	9/16/97	XYLENES, TOTAL	17.0		10000
PS-2	8/17/99	XYLENES, TOTAL	29.0		10000
PS-2	11/9/99	XYLENES, TOTAL	47.0		10000
PS-2	2/11/00	XYLENES, TOTAL	40.0		10000
PS-2	5/4/00	XYLENES, TOTAL	41.0		10000
PS-2	8/11/00	XYLENES, TOTAL	19.0		10000
PS-2	11/8/00	XYLENES, TOTAL	7.0		10000

I = analyte detected; value is between the method detection level and the practical quantitation level.
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BOLD exceeds GPS.

NOVEMBER 2000

QUARTERLY ANALYTICAL RESULTS

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-3
4-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-001

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-18

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
67-66-3	Chloroform	1	
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone (MEK)	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
79-01-6	Trichloroethene	0.7	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	79	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
75-71-8	Dichlorodifluoromethane	5	U
75-69-4	Trichlorofluoromethane	1	U
107-13-1	Acrylonitrile	25	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-3
4-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-001

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-18

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	3	U
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	1	U
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PS-2-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-002

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-19

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	3	
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	1	U
156-59-2	cis-1,2-Dichloroethene	61	
156-60-5	trans-1,2-Dichloroethene	0.6	J
75-34-3	1,1-Dichloroethane	4	
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone (MEK)	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
79-01-6	Trichloroethene	2	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	5	
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2	J
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	3	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	5	
108-90-7	Chlorobenzene	0.5	J
100-41-4	Ethylbenzene	18	
100-42-5	Styrene	1	U
75-71-8	Dichlorodifluoromethane	5	U
75-69-4	Trichlorofluoromethane	1	U
107-13-1	Acrylonitrile	25	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PS-2-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-002

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-19

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	7	
136777-61-2	P&M Xylene	4	
95-47-6	O-Xylene	4	
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-1
3A-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-003

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-20

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	4	
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	33	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	1	U
156-59-2	cis-1,2-Dichloroethene	160	
156-60-5	trans-1,2-Dichloroethene	7	
75-34-3	1,1-Dichloroethane	0.6	J
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone (MEK)	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
79-01-6	Trichloroethene	53	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	3	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	0.6	J
108-90-7	Chlorobenzene	5	
100-41-4	Ethylbenzene	57	
100-42-5	Styrene	1	U
75-71-8	Dichlorodifluoromethane	5	U
75-69-4	Trichlorofluoromethane	1	U
107-13-1	Acrylonitrile	25	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-1
3A-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-003

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-20

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	2	
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	0.5	J
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	0.5	J
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-1
6-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-004

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-21

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.9	J
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	4	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	1	U
156-59-2	cis-1,2-Dichloroethene	8	
156-60-5	trans-1,2-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	2	
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone (MEK)	4	J
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	U
591-78-6	2-Hexanone	4	J
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	0.6	J
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
75-71-8	Dichlorodifluoromethane	5	U
75-69-4	Trichlorofluoromethane	1	U
107-13-1	Acrylonitrile	25	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-1
6-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-004

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-21

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	3	U
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	1	U
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-3
7-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-005

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-22

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	1	U
156-59-2	cis-1,2-Dichloroethene	11	
156-60-5	trans-1,2-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone (MEK)	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	2	
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	2	
100-41-4	Ethylbenzene	10	
100-42-5	Styrene	1	U
75-71-8	Dichlorodifluoromethane	5	U
75-69-4	Trichlorofluoromethane	1	U
107-13-1	Acrylonitrile	25	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-3
7-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-005

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-22

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	3	
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	3	U
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	1	U
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-37
-NOV-00-DU

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-006

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-23

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	1	U
156-59-2	cis-1,2-Dichloroethene	11	
156-60-5	trans-1,2-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone (MEK)	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	2	
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	2	
100-41-4	Ethylbenzene	11	
100-42-5	Styrene	1	U
75-71-8	Dichlorodifluoromethane	5	U
75-69-4	Trichlorofluoromethane	1	U
107-13-1	Acrylonitrile	25	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-37
-NOV-00-DU

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-006

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-23

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	3	
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	3	U
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	1	U
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-4-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-007

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-24

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-4-NOV-00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-007

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-24

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	3	U
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	1	U
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RINSATE

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-008

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-25

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RINSATE

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-008

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-25

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	3	U
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	1	U
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-009

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-26

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-009

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-26

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/20/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	3	U
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	1	U
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-122-P
LANTCTNOV0

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-010

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-27

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-122-P
LANTCTNOV0

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-010

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-27

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	3	U
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	1	U
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-122-P
LANTCTNOVD

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-011

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-28

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-122-P
LANTCTNOVD

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-011

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-28

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	3	U
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	1	U
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-102-P
LANTCTNOV0

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-012

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-29

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-102-P
LANTCTNOV0

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-012

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-29

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	3	U
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	1	U
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-108-C
OTTCTNOV00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-013

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-30

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.7	J
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone (MEK)	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
75-71-8	Dichlorodifluoromethane	5	U
75-69-4	Trichlorofluoromethane	1	U
107-13-1	Acrylonitrile	25	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-108-C
OTTCTNOV00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: 112000

Matrix: (soil/water) WATER Lab Sample ID: J2003818-013

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 1120-30

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

GC Column: RTX-1 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-05-4	Vinyl Acetate	50	U
107-02-8	Acrolein	25	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
74-88-4	Iodomethane	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	10	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	25	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	3	U
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	1	U
110-57-6	trans-1,4-Dichloro-2-butene	5	U

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 >2.0 ppm. The highest PID reading of >0.2 ppm was observed at well PS-2.

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 14.03 ft below the top of the well casing (24.00 ft MSL) at the source area to approximately 2.76 ft below the top of the casing (17.50 ft MSL). 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

Six (6) 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 and 2000. A tabulation of historical results and the complete analytical data report for this quarterly sampling are provided in Appendix A. The complete set of subdivision irrigation sampling and analysis data is not included in this report.

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

- Vinyl chloride (4.0 ug/L), Cis-1, 2 – Dichlorethene (160 ug/L), Trichloroethene (54.0 ug/L), Chlorobenzene (5.0 ug/L) were exceeded in KBA-11-13A.
- Tetrachloroethene (79.0 ug/L) was exceeded in KBA-11-34.
- 1,1-Dichloroethane (4.0 ug/L), Vinyl Chloride (3.0ug/L) and Benzene were exceeded in PS-2.
- Chlorobenzene (3.0 ug/L) was exceeded in KBA-11-37.
- 1,1-Dichloroethane (2.0 ug/L) was exceeded in KBA-11-16.

Chlorinated hydrocarbons tetrachloroethene and its degradation constituents trichloroethene, cis-1, 2-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 and this concentration increased from the August 2000 quarterly sampling event.

Immediately downgradient to the source area at well KBA-11-13A, tetrachloroethene remains blow the standard and cis-1,2-dichloroethene, trichloroethene, chlorobenzene and vinyl chloride remain above the standard (Figures 3 and 4). There was an increase in trichloroethene and a decrease in cis-1,2-dichloroethene and vinyl chloride concentrations at KBA-11-13A from the last quarter, while the chlorobenzene concentrations stayed constant.

Piezometer PS-2 continues to show detectable levels of chlorinated and volatile compounds and exceeds the standard for 1,1-dichloroethane, vinyl chloride, and benzene. Results from the quarterly samplings indicate minor change from the previous quarter

Offsite well KBA-11-37 shows detectable levels of both chlorinated and volatile compounds with only chlorobenzene exceeding the standard indicating minor change from the previous quarter.

Offsite well KBA-11-16 shows 1,1-dichloroethane as exceeding the standard which is the same as the previous quarter.

Subdivision Irrigation Wells – Three irrigation wells are sampled each month in the Crooked River Plantation subdivision. The irrigation wells sampled are at 102 Plantation Ct, 122 Plantation Ct, and 108 Cottage Ct. The analytical data from January 2000 to February 2001 is summarized in Table 5. Trichlorethene is detected above groundwater protection standards at 102 Plantation Ct. The concentration was as high as 150 ug/L in the September 2000 sample compared to a standard of 5.0 ug/L. Vinyl chloride is detected above groundwater protection standards at 122 Plantation Ct and cis-1, 2-dichloroethene is detected, but at concentrations less than standards. Cis-1, 2-dichloroethene has been detected at 108 Cottage Ct., but at concentrations less than the standards. This well was not sampled in January and February 2001 since it was closed for the winter.

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.

Table 4
Analytical Summary, Groundwater Protection Standard

Groundwater Protection Standard	**Criteria (µg/L)**	**KBA-11-02**						**KBA-11-10B**		**KBA-11-11A**	
Date		11-8-00	8-8-00	5-3-00	2-4-00	11-9-99	8-3-99	8-8-00	8-2-99	8-10-00	8-2-99
Tetrachloroethene	5.0	1.0U	Unable to sample – no water	1.0U	1.0U	3.0U	3.0U	1.0U	3.0U	1.0U	3.0U
Trichloroethene	5.0	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Cis -1,2-dichloroethene	70	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0	1.6I	1.0U	1.0U
Trans-1,2 dichloroethene	100	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-dichloroethene	7.0	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-dichloroethane	1.0	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-dichloroethane	5.0	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Vinyl Chloride	2.0	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroethane	1.0	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Benzene	5.0	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0	1.6	1.0U	1.0U
Ethylbenzene	700	1.0U	NS	1.0U	1.0U	1.0U	1.0U	5.0	10	1.0U	1.0U
Toluene	1,000	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Total xylenes	10,000	3.0U	NS	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	1.0U	3.0U
Chlorobenzene	1.0	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0	**2.5**	1.0U	1.0U
1,4-dichlorobenzene	75	1.0U	NS	1.0U	1.0U	1.0U	1.0U	1.0	1.5	1.0U	1.0U

Notes: I = interference.
J = estimated value; 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-11-13A**								**KBA-11-13B**	
Date		11-8-00	8-10-00	8-10-00 (Duplicate)	5-3-00	2-4-00	11-9-99	11-9-99 (Duplicate)	8-3-99	8-8-00	8-3-99
Tetrachloroethene	5.0	3.0U	1.0U	1.0U	1.0U	1.0U	30U	3.0U	3.0U	1.0U	3.0U
Trichloroethene	5.0	**54.0**	**51.0**	**40.0**	**20.0**	**14.0**	**15I**	**17**	**19**	1.0U	1.0U
Cis -1,2-dichloroethene	70	**160**	**300 E**	**190**	**180**	**230**	**260**	**210**	**190**	1.0U	1.0U
Trans-1,2 dichloroethene	100	7.0	9.0	7.0	6.0	6.0	1.0U	6.6	7.4	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
1,1-dichloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
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
Vinyl Chloride	2.0	**4.0**	**17.0**	**11.0**	**19.0**	**20.0**	**46**	**42**	**48**	1.0U	1.0U
Chloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Benzene	5.0	1.0	1.0	1.0	2.0	2.0	1.0U	1.3I	1.1I	1.0U	1.0U
Ethylbenzene	700	57	71	51.0	67	64.0	65	92	66	1.0U	1.0U
Toluene	1,000	1.0U	0.9	0.7	2.0	2.0	1.0U	4.2	2.7	1.0U	1.0U
Total xylenes	10,000	2.0U	0.7	3.0	4.0	23.0	24I	49	14.4	3.0U	3.0U
Chlorobenzene	1.0	**5.0**	**5.0**	**4.0**	**5.0**	**6.0**	1.0U	**8.2**	**6.2**	1.0U	1.0U
1,4-dichlorobenzene	75	3.0	3.0	2.0	3.0	4.0	1.0U	5.2	4.0	1.0U	1.0U

Notes: I = interference.
J = estimated value; 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-11-15**				**KBA-11-16**						
Date		8-9-00	2-7-00	2-7-00 (Duplicate)	8-3-99	11-8-00	8-9-00	5-4-00	5-4-00 (Duplicate)	2-7-00	11-9-99	8-3-99
Tetrachloroethene	5.0	1.0U	1.0	1.0	3.0U	2.0	1.0U	1.0U	1.0U	1.0U	3.0U	3.0U
Trichloroethene	5.0	1.0U	1.0U	1.0U	1.0U	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	8.0	2.0	2.0	2.0	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	1.0U	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	**2.0**	**2.0**	1.0U	0.6U	**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	1.0U	1.0U	1.0U	1.0U
Vinyl Chloride	2.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	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	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	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	700	1.0U	1.0U	1.0U	1.0U	1.0U	0.8J	1.0U	1.0U	1.0U	1.0U	1.0U
Toluene	1,000	1.0U	1.0U	1.0U	1.0U	3.0U	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	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	1.0U	1.0U	1.0U	1.0U
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes: I = interference.
J = estimated value; 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**					
Date		8-9-00	2-7-00	8-3-99	11-8-00	8-9-00	5-4-00	2-7-00	11-9-99	8-3-99
Tetrachloroethene	5.0	1.0U	1.0U	3.0U	**79.0**	**63.0**	**89.0**	**83.0**	**22**	**17**
Trichloroethene	5.0	1.0U	1.0U	1.0U	1.0U	0.6J	1.0	2.0	1.0U	1.0U
Cis -1,2-dichloroethene	70	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Trans-1,2 dichloroethene	100	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
1,1-dichloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-dichloroethane	5.0	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	1.0U	1.0U	1.0U
Chloroethane	1.0	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	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	700	1.0U	1.0U	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	1.0U	1.0U
Total xylenes	10,000	3.0U	3.0U	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	1.0U	1.0U
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes: I = interference.
J = estimated value; 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-11-37**						
Date		11-8-00	11-8-00 (Duplicate)	8-9-00	5-4-00	2-8-00	11-9-99	8-16-99
Tetrachloroethene	5.0	1.0U	1.0U	1.0U	1.0U	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	11.0	11.0	14.0	17.0	16.0	17	24
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	1.0U	1.0U	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	1.0U	1.4I	**2.5I**
Chloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Benzene	5.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1
Ethylbenzene	700	10.0	11.0	7.0	1.0U	9.0	14	15
Toluene	1,000	1.0U	1.0U	1.0U	1.0U	1.0	1.0U	1.0U
Total xylenes	10,000	2.0U	2.0U	3.0	12.0	3.0U	3.0U	3.0U
Chlorobenzene	1.0	**3.0**	**3.0**	**2.0**	**3.0**	**2.0**	**3.1**	**2.9**
1,4-dichlorobenzene	75	4.0	3.0	3.0	3.0	3.0	4.7	3.6

Notes: I = interference.
J = estimated value; 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)**	**PS-2**					
Date		11-8-00	8-8-00	5-3-00	2-7-00	11-9-99	8-18-99
Tetrachloroethene	5.0	3.0U	1.0U	1.0U	1.0U	3.0U	3.0U
Trichloroethene	5.0	2.0	2.0	2.0	2.0	1.4I	1.3I
Cis -1,2-dichloroethene	70	**61.0**	**58.0**	57.0	52.0	40	41
Trans-1,2 dichloroethene	100	1.0U	1.0U	0.5	1.0U	1.0U	1.0U
1,1-dichloroethene	7.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-dichloroethane	1.0	**4.0**	**4.0**	**5.0**	**5.0**	**5.1**	**5.6**
1,2-dichloroethane	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Vinyl Chloride	2.0	**3.0**	**2.0**	1.0U	**2.0**	**2.9**	3.2I
Chloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Benzene	5.0	**5.0**	**6.0**	**8.0**	**8.0**	**9.4**	**9.1**
Ethylbenzene	700	18.0	14.0	16.0	14.0	16	10
Toluene	1,000	5.0	8.0	19.0	37.0	57	43
Total xylenes	10,000	7.0	19.0	41.0	40.0	47	29
Chlorobenzene	1.0	1.0	0.5	0.7	1.0U	1.0U	1.0U
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:
I = interference.
J = estimated value; 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 6 Continued
Analytical Summary, Groundwater Protection Standard

Groundwater Protection Standard	**Criteria (µg/L)**	**KBA-122-PLANT.CT**										
Date		11-00	10-00	9-00	8-00	7-00	6-00	5-00	4-00	3-00	2-00	1-00
Tetrachloroethene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	5.0	1.0U	0.9J	1.0U	2.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Cis -1,2-dichloroethene	70	2.0	2.0	3.0	2.0	1.0U	2.0	3.0	2.0	2.0	2.0	2.0
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	1.0U	1.0U	1.0U
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	**5.0**	**5.0**	**5.0**	**5.0**	1.0U	**7.0**	**8.0**	**6.0**	**8.0**	**8.0**	**5.0**
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	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	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	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	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	1.0U	1.0U	1.0U	1.0U
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Table 6 Continued
Analytical Summary, Groundwater Protection Standard

Groundwater Protection Standard	**Criteria (µg/L)**	**KBA-108-COTT.CT**										
Date		11-00	10-00	9-00	8-00	7-00	6-00	5-00	4-00	3-00	2-00	1-00
Tetrachloroethene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Trichloroethene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Cis -1,2-dichloroethene	70	1.0U	2.0	1.0U	1.0U	4.0	4.0	5.0	5.0	7.0	NM	NM
Trans-1,2 dichloroethene	100	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
1,1-dichloroethene	7.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
1,1-dichloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
1,2-dichloroethane	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Vinyl Chloride	2.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Chloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Benzene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Ethylbenzene	700	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Toluene	1,000	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Total xylenes	10,000	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	NM	NM
Chlorobenzene	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM