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

10/30/2000

J A JONES MANAGEMENT SERVICES

NSB Kings Bay Administrative Record
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Quarterly Groundwater Monitoring Report

July – September 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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Final

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QUARTERLY GROUNDWATER MONITORING REPORT
JULY – SEPTEMBER 2000

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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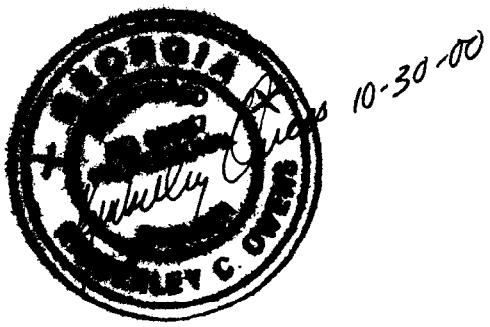
July – September 2000

The work described and professional opinions rendered in this document, *Quarterly Groundwater Monitoring Report, July - September 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.



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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

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 July 2000 through September 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 70s in the morning and to the high 90s 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 was dry which may be an indication that the well is filling in with dirt.

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 >2,000. The highest PID reading of >2,000 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 14.9 ft below the top of the well casing (23.13 ft MSL) at the source area to approximately 3.6 ft below the top of the casing (21.96 ft MSL) offsite at the Crooked River Plantation subdivision. Apparent groundwater flow is to the northwest.

2.3 WELL PURGING PARAMETERS

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

2.4 ANALYTICAL RESULTS

Eleven (11) 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 (17.0 ug/L), Cis-1, 2 – Dichlorethene (300 ug/L), Trichloroethene (51.0 ug/L), Chlorobenzene (5.0 ug/L) were exceeded in KBA-11-13A;
- Tetrachloroethene (63.0 ug/L) was exceeded in KBA-11-34;
- 1,1-Dichloroethane (4.0 ug/L), Vinyl Chloride (2.0ug/L) and Benzene (6.0 ug/L) were exceeded in PS-2;
- Chlorobenzene (2.0 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 decreased from the May 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 a significant increase in trichloroethene and cis-1, 2-dichloroethene concentrations at KBA-11-13A from the last quarter, while the vinyl chloride and 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 year.

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 year.

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

Appendix IX Analyses – Wells requiring Appendix IX analyses were sampled this quarter in accordance with the Groundwater Monitoring Plan. Table 5 summarizes the results of Appendix IX analyses from August 1999 and August 2000. The table shows only the detectable compounds for the August 2000 results. All detectable volatile organics were above the background well concentrations. Naphthalene and diethyl phthalate were above the background well concentrations for the semivolatile organics. The following inorganics were above the background well levels: antimony, arsenic, barium, chromium, cobalt, nickel, selenium, silver, tin, vanadium and zinc.

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 September 2000 is summarized in Table 6. Trichlorethene was 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 was detected above groundwater protection standards at 122 Plantation Ct and cis-1, 2-dichloroethene was detected but at concentrations less than the standards. Cis-1, 2-dichloroethene was detected at 108 Cottage Ct. but at concentrations less than 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) With exception of KBA-11-02, which is dry, 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 concentrations.

(5) Trichloroethene (102 Plantation Ct.) and vinyl chloride (122 Plantation Ct.) are 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 November 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.

Well KBA-11-02 is dry and therefore cannot be sampled. This well should be redrilled so quarterly sampling can continue.

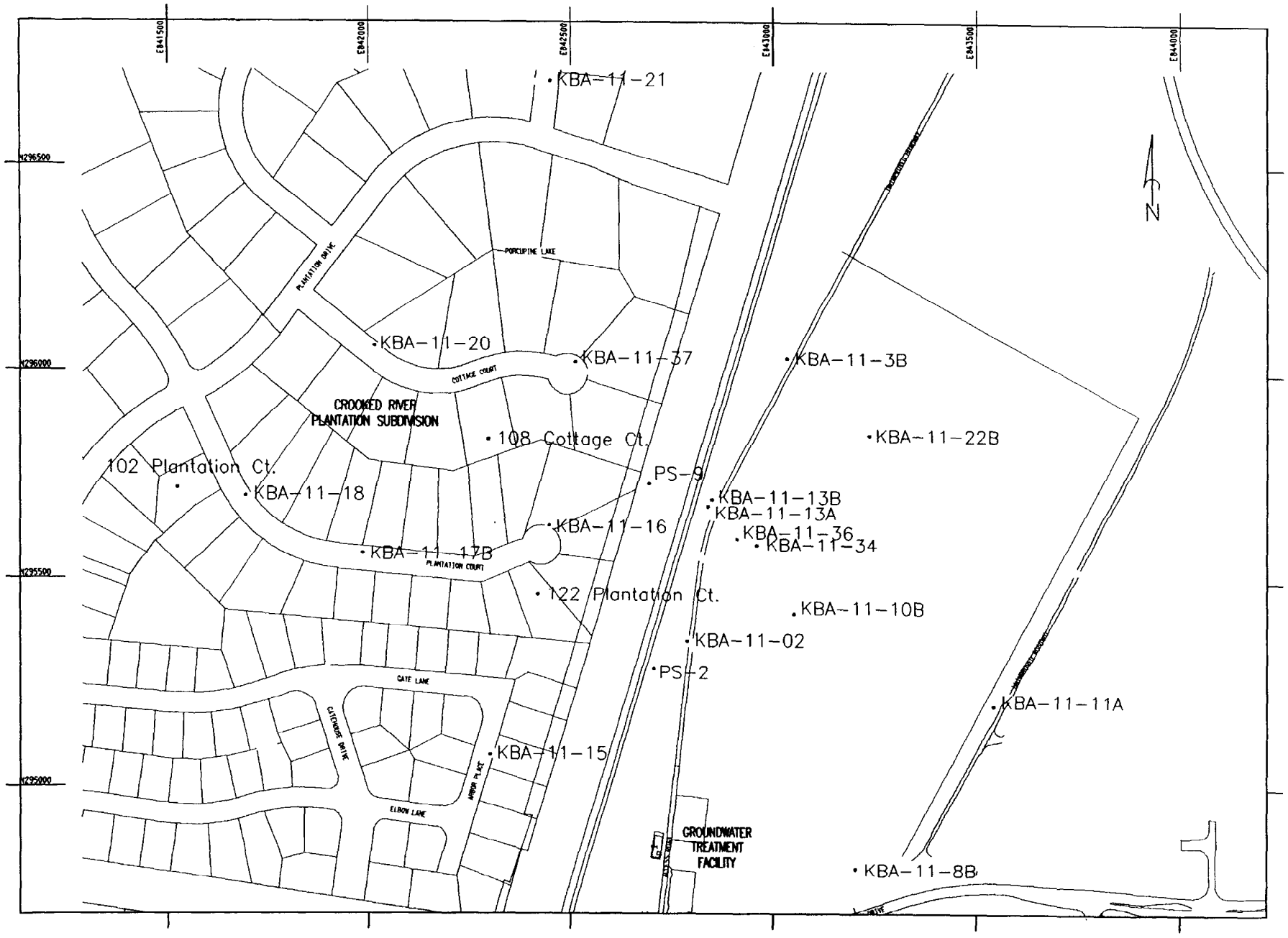
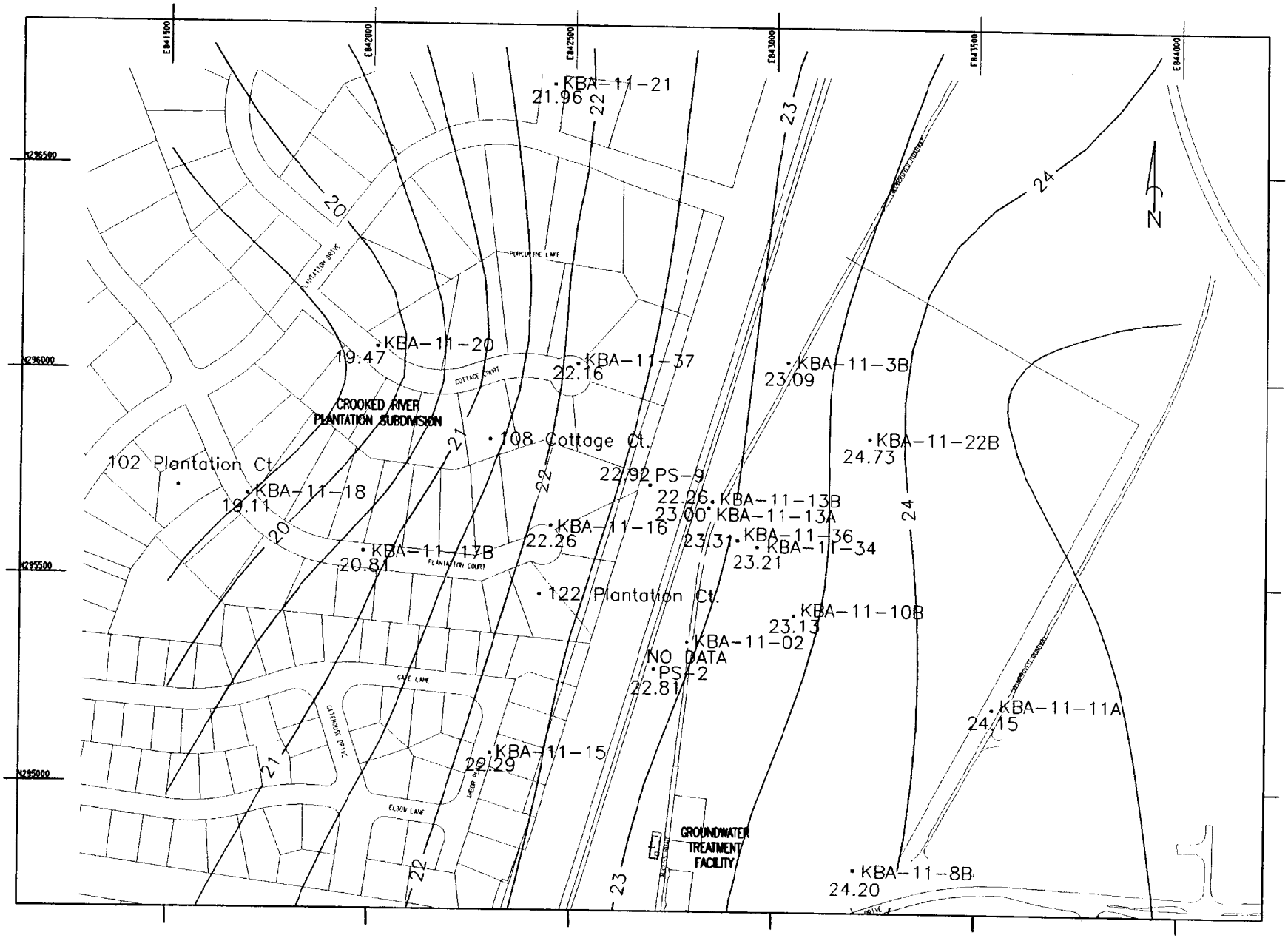


FIGURE 1: Site Map



Groundwater Elevation Map–September 2000 Contour Interval=0.5 ft

FIGURE 2: Groundwater Elevation Map–September 2000

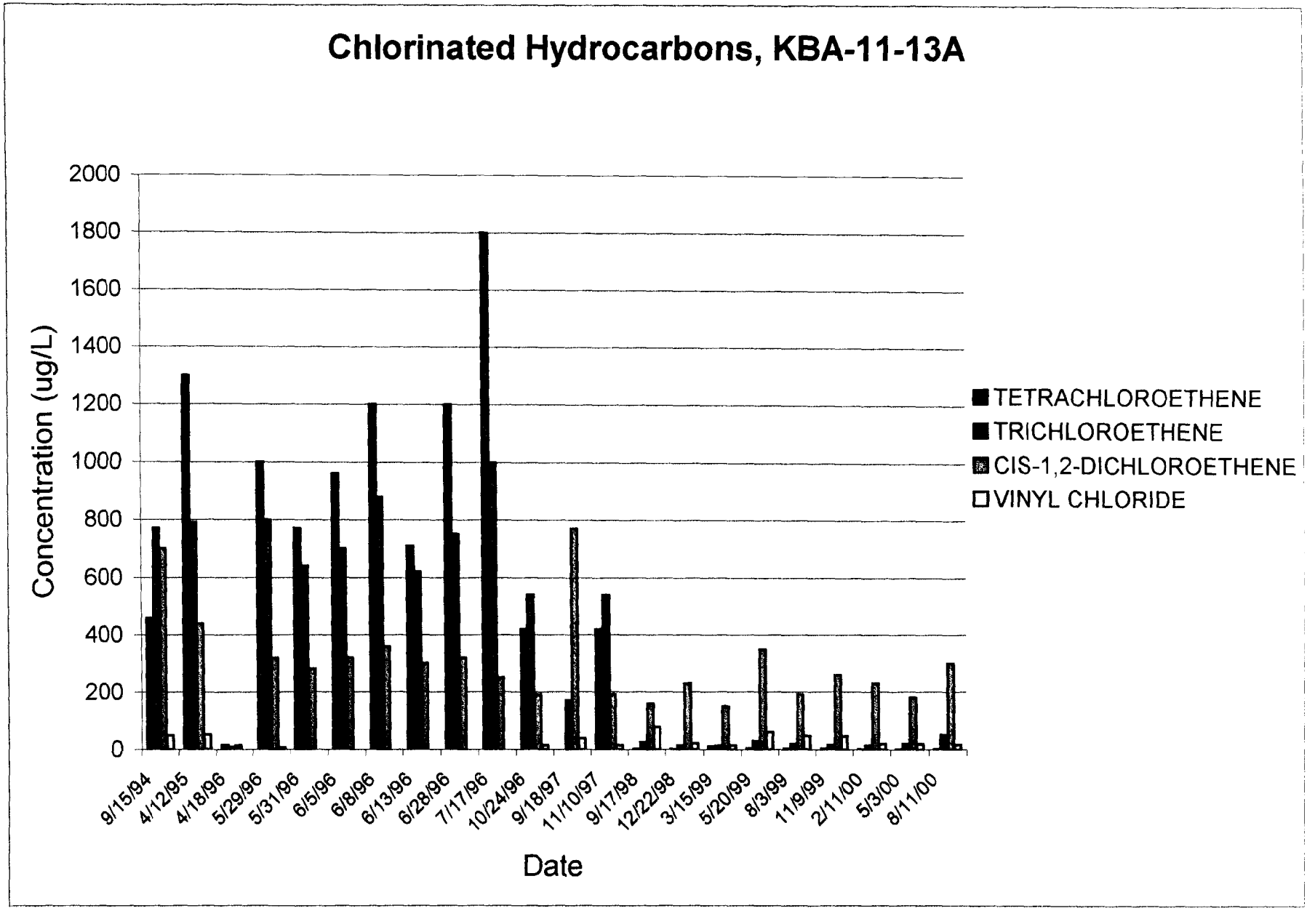
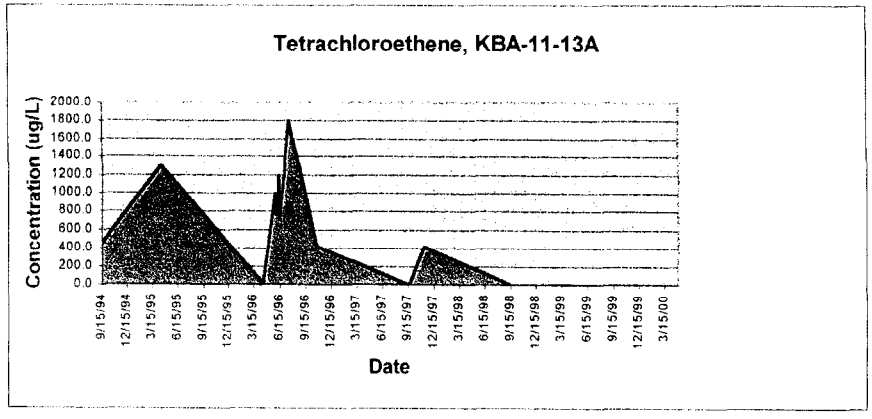
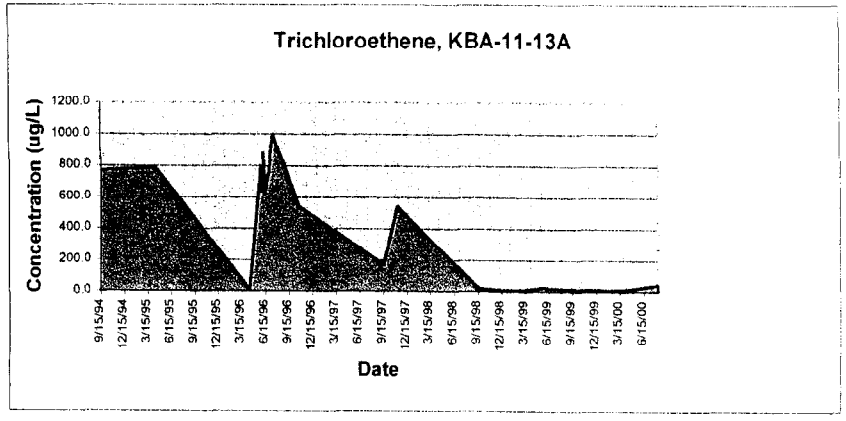
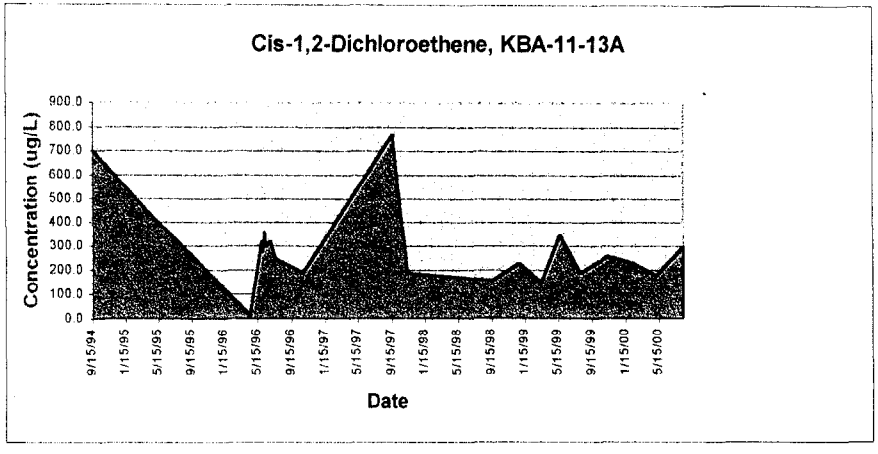


FIGURE 3 - CHLORINATED HYDROCARBONS, KBA-11-13A







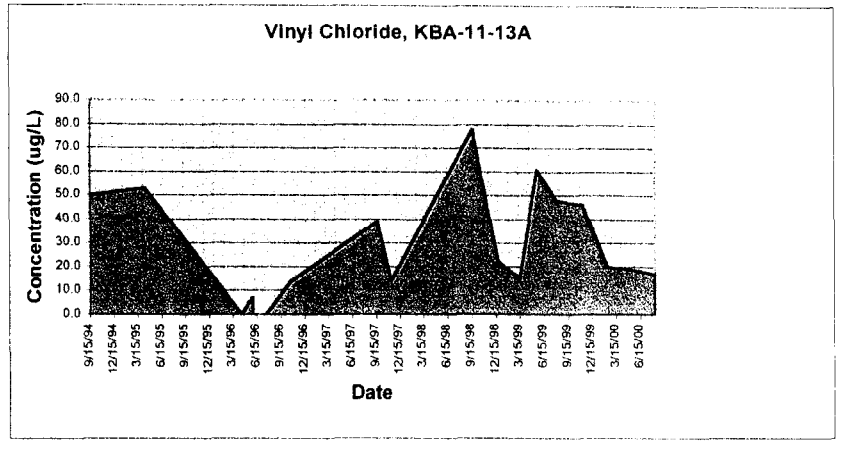


FIGURE 4 - CHLORINATED HYDROCARBON TRENDS, WELL KBA-11-13A

Table 1
Headspace Readings

Well Identification	Date	PID Measurement (ppm)
KBA-11-02	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	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	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	8-8-00	0
	2-1-00	NM
	11-8-99	5
	8-2-99	1.9
KBA-11-11A	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	8-10-00	0
	5-2-00	0
	2-4-00	0
	11-8-99	2
	8-3-99	13
KBA-11-13B	8-8-00	0
	5-2-00	0
	2-1-00	NM
	11-8-99	2
	8-3-99	0
KBA-11-15	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	8-9-00	0
	5-2-00	0
	2-7-00	0
	11-9-99	1
	8-17-99	3,500

NM = not measured PID = photo ionization detector

Table 1 continued on following page

Table 1 continued
Headspace Readings

Well Identification	Date	PID Measurement (ppm)
KBA-11-17B	8-9-00	0
	5-3-00	0
	2-7-00	0
	11-9-99	5
	8-17-99	2,700
KBA-11-18	8-1-00	NM
	5-3-00	0
	2-1-00	NM
	11-9-99	11
	8-17-99	3,600
KBA-11-20	8-1-00	NM
	5-2-00	0
	2-1-00	NM
KBA-11-21	8-1-00	NM
	5-2-00	0
	2-1-00	NM
	11-9-99	7.5
	8-3-99	3
KBA-11-22B	8-1-00	NM
	5-2-00	0
	2-1-00	NM
	11-8-99	0.6
	8-3-99	7
KBA-11-34	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	8-1-00	NM
	5-2-00	0
	2-1-00	NM
	11-8-99	0.6
	8-3-99	10
KBA-11-37	8-9-00	0
	5-4-00	>2000
	2-8-00	0
	11-9-99	3
	8-16-99	400

NM = not measured PID = photo ionization detector

Table 1 continued on following page

Table 1 continued
Headspace Readings

Well Identification	Date	PID Measurement (ppm)
PS-2	8-8-00	>2000
	5-3-00	>2000
	2-7-00	0
	11-8-99	0.5
	8-16-99	NM
PS-9	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	8-8-00	36.02	no water	no water	15.00	10.8
	5-2-00		10.1	25.9		14.0
	2-4-00		11.5	24.52		15.3
	11-8-99		9.61	26.41		15.19
	8-2-99		11.37	24.65		15.42
KBA-11-03B	8-15-00	33.49	10.4	23.09	47.00	47.5
	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	8-15-00	38.20	14.0	24.20	43.00	43.5
	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	8-8-00	38.03	14.9	23.13	51.50	52.2
	5-2-00		12.8	25.23		53.4
	2-24-00		13.50	24.53		53.0
	11-8-99		12.31	25.72		51.62
	8-2-99		13.90	24.13		51.67
KBA-11-11A	8-10-00	35.85	11.7	24.15	37.00	37.4
	5-2-00		9.4	26.45		37.0
	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	8-10-00	34.20	11.2	23.00	42.50	42.9
	5-2-00		9.3	24.90		42.0
	2-4-00		10.2	24.00		42.4
	11-8-99		9.25	24.95		42.75
	8-2-99		10.77	23.43		42.52
KBA-11-13B	8-8-00	34.86	14.6	20.26	90.70	91.8
	5-2-00		12.8	22.06		91.0
	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	8-9-00	28.49	5.7	22.29	39.00	39.3
	5-2-00		3.9	24.59		38.0
	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

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-11-16	8-9-00	28.66	6.4	22.26	44.90	45.1
	5-3-00		3.9	24.76		44.0
	2-7-00		5.3	23.36		45.3
	11-9-99		4.73	23.93		44.72
	8-2-99		6.17	22.49		44.77
KBA-11-17B	8-9-00	25.41	4.6	20.81	44.80	45.0
	5-3-00		2.7	22.71		42.3
	2-7-00		3.6	21.81		44.4
	11-9-99		3.03	22.38		44.67
	8-2-99		4.61	20.80		44.72
KBA-11-18	8-15-00	22.81	3.7	19.11	45.80	45.4
	5-3-00		1.5	21.31		45.5
	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	8-15-00	23.07	3.6	19.47	40.00	40.2
	5-2-00		1.60	21.47		40.9
	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
KBA-11-21	8-15-00	23.56	3.6	21.96	40.40	40.2
	5-2-00		2.1	21.46		40.8
	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	8-15-00	36.13	11.4	24.73	52.60	52.3
	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	8-8-00	37.51	14.3	23.21	40 est	41.6
	5-2-00		12.3	25.21		41.4
	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	8-15-00	37.91	14.6	23.31	40 est	41.4
	5-4-00		12.9	25.01		41.4
	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

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

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-11-37	8-9-00	26.26	4.1	22.16	38.50	38.6
	5-4-00		2.4	23.86		38.2
	2-8-00		3.2	23.06		38.4
	11-9-99		2.86	23.4		38.46
	8-16-99		4.15	22.11		38.57
PS-2	8-8-00	32.71	9.9	22.81	40.67	37.5
	5-4-00		7.2	25.51		36.8
	2-7-00		8.8	23.91		36.8
	11-8-99		7.80	24.91		37.47
	8-17-99		9.6	23.11		39.6est
PS-9	8-15-00	28.72	5.8	22.92	35.45	34.1
	5-4-00		3.20	25.52		34.1
	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	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	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	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
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	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

°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-11-37	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	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		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	1.0U	1.0U	1.0U	1.0U	30U	3.0U	3.0U	1.0U	3.0U
Trichloroethene	5.0	**51.0**	**40.0**	**20.0**	**14.0**	**15I**	**17**	**19**	1.0U	1.0U
Cis -1,2-dichloroethene	70	**300 E**	**190**	**180**	**230**	**260**	**210**	**190**	1.0U	1.0U
Trans-1,2 dichloroethene	100	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	10U	1.0U	1.0U	1.0U	1.0U
1,1-dichloroethane	1.0	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	10U	1.0U	1.0U	1.0U	1.0U
Vinyl Chloride	2.0	**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	10U	1.0U	1.0U	1.0U	1.0U
Benzene	5.0	1.0	1.0	2.0	2.0	10U	1.3I	1.1I	1.0U	1.0U
Ethylbenzene	700	71	51.0	67	64.0	65	92	66	1.0U	1.0U
Toluene	1,000	0.9	0.7	2.0	2.0	10U	4.2	2.7	1.0U	1.0U
Total xylenes	10,000	0.7	3.0	4.0	23.0	24I	49	14.4	3.0U	3.0U
Chlorobenzene	1.0	**5.0**	**4.0**	**5.0**	**6.0**	10U	**8.2**	**6.2**	1.0U	1.0U
1,4-dichlorobenzene	75	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	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	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	1.4I	1.3I
Cis -1,2-dichloroethene	70	14.0	17.0	16.0	17	24	**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	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
1,1-dichloroethane	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	**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
Vinyl Chloride	2.0	1.0U	1.0U	1.0U	1.4I	**2.5I**	**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
Benzene	5.0	2.0	2.0	2.0	2.0	2.1	**6.0**	**8.0**	**8.0**	**9.4**	**9.1**
Ethylbenzene	700	7.0	1.0U	9.0	14	15	14.0	16.0	14.0	16	10
Toluene	1,000	1.0U	1.0U	1.0	1.0U	1.0U	8.0	19.0	37.0	57	43
Total xylenes	10,000	3.0	12.0	3.0U	3.0U	3.0U	19.0	41.0	40.0	47	29
Chlorobenzene	1.0	**2.0**	**3.0**	**2.0**	**3.1**	**2.9**	0.5	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

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	0.7J	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 for Subdivision Irrigation Wells

Groundwater Protection Standard	Criteria (µg/L)	KBA-102-PLANT.CT								
Date		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
Trichloroethene	5.0	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
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	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
1,4-dichlorobenzene	75	1.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U

Table 6 Continued
Analytical Summary for Subdivision Irrigation Wells

Groundwater Protection Standard	Criteria (µg/L)	KBA-122-PLANT.CT								
Date		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
Trichloroethene	5.0	1.0U	2.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Cis -1,2-dichloroethene	70	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
1,1-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	**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
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
1,4-dichlorobenzene	75	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Table 6 Continued
Analytical Summary for Subdivision Irrigation Wells

Groundwater Protection Standard	Criteria (µg/L)	KBA-108-COTT.CT								
Date		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	NM	NM
Trichloroethene	5.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	NM	NM
Cis -1,2-dichloroethene	70	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	NM	NM
1,1-dichloroethene	7.0	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	NM	NM
1,2-dichloroethane	5.0	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	NM	NM
Chloroethane	1.0	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	NM	NM
Ethylbenzene	700	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	NM	NM
[illegible]al xylenes	10,000	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	NM	NM
1,4-dichlorobenzene	75	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	01/12/1993	1,1-DICHLOROETHANE	5.0	U	1
KBA-11-02	01/12/1993	1,1-DICHLOROETHANE	5.0	U	1
KBA-11-02	01/07/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	01/07/1994	1,1-DICHLOROETHANE	2.0	UR	1
KBA-11-02	04/09/1994	1,1-DICHLOROETHANE	2.0	U	1
KBA-11-02	09/15/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	04/11/1995	1,1-DICHLOROETHANE	0.2	J	1
KBA-11-02	04/18/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-02	08/03/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	11/09/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	02/11/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	05/04/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-02	08/11/2000	1,1-DICHLOROETHANE	unable to sample		
KBA-11-02	01/12/1993	1,1-DICHLOROETHENE	5.0	U	7
KBA-11-02	01/12/1993	1,1-DICHLOROETHENE	5.0	U	7
KBA-11-02	01/07/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	01/07/1994	1,1-DICHLOROETHENE	2.0	UR	7
KBA-11-02	04/09/1994	1,1-DICHLOROETHENE	2.0	U	7
KBA-11-02	09/15/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	04/11/1995	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-02	04/18/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-02	08/03/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	11/09/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	02/11/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	05/04/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-02	08/11/2000	1,1-DICHLOROETHENE	unable to sample		
KBA-11-02	01/12/1993	1,2-DICHLOROETHANE	5.0	U	5
KBA-11-02	01/12/1993	1,2-DICHLOROETHANE	5.0	U	5
KBA-11-02	08/03/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-02	11/09/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-02	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-02	08/11/2000	1,2-DICHLOROETHANE	unable to sample		
KBA-11-02	01/12/1993	1,4-DICHLOROBENZENE	5.0	U	75
KBA-11-02	01/12/1993	1,4-DICHLOROBENZENE	5.0	U	75
KBA-11-02	01/12/1993	1,4-DICHLOROBENZENE	5.0		75
KBA-11-02	01/12/1993	1,4-DICHLOROBENZENE	5.0		75
KBA-11-02	09/15/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-02	09/15/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	04/11/1995	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	04/11/1995	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-02	08/03/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	11/09/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	02/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	05/04/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-02	08/11/2000	1,4-DICHLOROBENZENE	unable to sample		
KBA-11-02	01/12/1993	BENZENE	5.0	U	5
KBA-11-02	01/12/1993	BENZENE	5.0	U	5
KBA-11-02	01/07/1994	BENZENE	1.0	U	5
KBA-11-02	01/07/1994	BENZENE	2.0	UR	5
KBA-11-02	04/09/1994	BENZENE	2.0	U	5
KBA-11-02	09/15/1994	BENZENE	1.0	U	5

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

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-02	04/11/1995	BENZENE	0.2	J	5
KBA-11-02	04/18/1996	BENZENE	0.0	U	5
KBA-11-02	08/03/1999	BENZENE	1.0	U	5
KBA-11-02	11/09/1999	BENZENE	1.0	U	5
KBA-11-02	02/11/2000	BENZENE	1.0	U	5
KBA-11-02	08/11/2000	BENZENE	unable to sample		
KBA-11-02	01/12/1993	CHLOROBENZENE	5.0	U	1
KBA-11-02	01/12/1993	CHLOROBENZENE	5.0	U	1
KBA-11-02	01/07/1994	CHLOROBENZENE	1.0	U	1
KBA-11-02	01/07/1994	CHLOROBENZENE	2.0	UR	1
KBA-11-02	04/09/1994	CHLOROBENZENE	2.0	U	1
KBA-11-02	09/15/1994	CHLOROBENZENE	1.0	U	1
KBA-11-02	04/11/1995	CHLOROBENZENE	0.0	U	1
KBA-11-02	04/18/1996	CHLOROBENZENE	0.0	U	1
KBA-11-02	08/03/1999	CHLOROBENZENE	1.0	U	1
KBA-11-02	11/09/1999	CHLOROBENZENE	1.0	U	1
KBA-11-02	02/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-02	05/04/2000	CHLOROBENZENE	1.0	U	1
KBA-11-02	08/11/2000	CHLOROBENZENE	unable to sample		
KBA-11-02	01/12/1993	CHLOROETHANE	10.0	U	1
KBA-11-02	01/12/1993	CHLOROETHANE	10.0	U	1
KBA-11-02	**01/07/1994**	**CHLOROETHANE**	**3.0**		**1**
KBA-11-02	01/07/1994	CHLOROETHANE	2.0	R	1
KBA-11-02	04/09/1994	CHLOROETHANE	2.0	U	1
KBA-11-02	09/15/1994	CHLOROETHANE	1.0	U	1
KBA-11-02	04/11/1995	CHLOROETHANE	0.0	U	1
KBA-11-02	04/18/1996	CHLOROETHANE	0.0	U	1
KBA-11-02	08/03/1999	CHLOROETHANE	1.0	U	1
KBA-11-02	11/09/1999	CHLOROETHANE	1.0	U	1
KBA-11-02	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-02	05/04/2000	CHLOROETHANE	1.0	U	1
KBA-11-02	08/11/2000	CHLOROETHANE	unable to sample		
KBA-11-02	01/07/1994	CIS-1,2-DICHLOROETHENE	5.0		70
KBA-11-02	01/07/1994	CIS-1,2-DICHLOROETHENE	5.0	R	70
KBA-11-02	04/09/1994	CIS-1,2-DICHLOROETHENE	10.0		70
KBA-11-02	09/15/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	04/11/1995	CIS-1,2-DICHLOROETHENE	0.2	J	70
KBA-11-02	04/18/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-02	08/03/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	11/09/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	02/11/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	05/04/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	08/11/2000	CIS-1,2-DICHLOROETHENE	unable to sample		
KBA-11-02	01/12/1993	ETHYLBENZENE	5.0	U	700
KBA-11-02	01/12/1993	ETHYLBENZENE	5.0	U	700
KBA-11-02	01/07/1994	ETHYLBENZENE	1.0	U	700
KBA-11-02	01/07/1994	ETHYLBENZENE	2.0	UR	700
KBA-11-02	04/09/1994	ETHYLBENZENE	2.0	U	700
KBA-11-02	09/15/1994	ETHYLBENZENE	1.0	U	700
KBA-11-02	04/11/1995	ETHYLBENZENE	0.0	U	700
KBA-11-02	04/18/1996	ETHYLBENZENE	0.0	U	700
KBA-11-02	08/03/1999	ETHYLBENZENE	1.0	U	700
KBA-11-02	11/09/1999	ETHYLBENZENE	1.0	U	700

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	02/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-02	05/04/2000	ETHYLBENZENE	1.0	U	700
KBA-11-02	08/11/2000	ETHYLBENZENE	unable to sample		
KBA-11-02	01/12/1993	TETRACHLOROETHENE	5.0	U	5
KBA-11-02	01/12/1993	TETRACHLOROETHENE	5.0	U	5
KBA-11-02	01/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	01/07/1994	TETRACHLOROETHENE	2.0	UR	5
KBA-11-02	04/09/1994	TETRACHLOROETHENE	2.0	U	5
KBA-11-02	09/15/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	04/11/1995	TETRACHLOROETHENE	0.0	U	5
KBA-11-02	04/18/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-02	08/03/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-02	11/09/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-02	02/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	05/04/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	08/11/2000	TETRACHLOROETHENE	unable to sample		
KBA-11-02	01/12/1993	TOLUENE	2.0	J	1000
KBA-11-02	01/12/1993	TOLUENE	2.0	J	1000
KBA-11-02	01/07/1994	TOLUENE	1.0	U	1000
KBA-11-02	01/07/1994	TOLUENE	2.0	UR	1000
KBA-11-02	04/09/1994	TOLUENE	0.7	J	1000
KBA-11-02	09/15/1994	TOLUENE	1.0	U	1000
KBA-11-02	04/11/1995	TOLUENE	0.0	U	1000
KBA-11-02	04/18/1996	TOLUENE	0.0	U	1000
KBA-11-02	08/03/1999	TOLUENE	1.0	U	1000
KBA-11-02	11/09/1999	TOLUENE	1.0	U	1000
KBA-11-02	02/11/2000	TOLUENE	1.0	U	1000
KBA-11-02	05/04/2000	TOLUENE	1.0	U	1000
KBA-11-02	08/11/2000	TOLUENE	unable to sample		
KBA-11-02	01/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	01/07/1994	TRANS-1,2-DICHLOROETHENE	2.0	UR	100
KBA-11-02	04/09/1994	TRANS-1,2-DICHLOROETHENE	2.0	U	100
KBA-11-02	09/15/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	04/11/1995	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-02	04/18/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-02	08/03/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	11/09/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	05/04/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	08/11/2000	TRANS-1,2-DICHLOROETHENE	unable to sample		
KBA-11-02	01/12/1993	TRICHLOROETHENE	5.0	U	5
KBA-11-02	01/12/1993	TRICHLOROETHENE	5.0	U	5
KBA-11-02	01/07/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-02	01/07/1994	TRICHLOROETHENE	2.0	UR	5
KBA-11-02	04/09/1994	TRICHLOROETHENE	2.0	U	5
KBA-11-02	09/15/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-02	04/11/1995	TRICHLOROETHENE	0.2	J	5
KBA-11-02	04/18/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-02	08/03/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-02	11/09/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-02	02/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-02	05/04/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-02	08/11/2000	TRICHLOROETHENE	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-11-02, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-02	**01/12/1993**	**VINYL CHLORIDE**	**100.0**		**2**
KBA-11-02	**01/12/1993**	**VINYL CHLORIDE**	**85.0**		**2**
KBA-11-02	**01/07/1994**	**VINYL CHLORIDE**	**25.0**		**2**
KBA-11-02	01/07/1994	VINYL CHLORIDE	23.0	R	2
KBA-11-02	**04/09/1994**	**VINYL CHLORIDE**	**33.0**		**2**
KBA-11-02	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-02	**04/11/1995**	**VINYL CHLORIDE**	**2.0**		**2**
KBA-11-02	04/18/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-02	08/03/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-02	11/09/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-02	02/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-02	05/04/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-02	08/11/2000	VINYL CHLORIDE	unable to sample		
KBA-11-02	01/12/1993	XYLENES, TOTAL	2.0	J	10000
KBA-11-02	01/12/1993	XYLENES, TOTAL	2.0	J	10000
KBA-11-02	01/07/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-02	01/07/1994	XYLENES, TOTAL	2.0	UR	10000
KBA-11-02	04/09/1994	XYLENES, TOTAL	2.0	U	10000
KBA-11-02	09/15/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-02	04/11/1995	XYLENES, TOTAL	0.2	J	10000
KBA-11-02	04/18/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-02	08/03/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	11/09/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	02/11/2000	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	05/04/2000	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	08/11/2000	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	01/08/1994	1,1-DICHLOROETHANE	0.8	J	1
KBA-11-10B	04/05/1994	1,1-DICHLOROETHANE	0.6	J	1
KBA-11-10B	09/16/1994	1,1-DICHLOROETHANE	0.9	J	1
KBA-11-10B	04/12/1995	1,1-DICHLOROETHANE	0.7	J	1
KBA-11-10B	04/18/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	05/29/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	06/13/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	07/17/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-10B	10/22/1996	1,1-DICHLOROETHANE	0.5	J	1
KBA-11-10B	08/02/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-10B	08/11/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-10B	01/08/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	04/05/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	09/16/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	04/12/1995	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	04/18/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	05/29/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	06/13/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	07/17/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	10/22/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-10B	08/02/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	08/11/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-10B	08/02/1999	1,2-DICHLOROENTHANE	1.0	U	5
KBA-11-10B	08/11/2000	1,2-DICHLOROENTHANE	1.0	U	5
KBA-11-10B	09/16/1994	1,4-DICHLOROBENZENE	1.0	J	75
KBA-11-10B	09/16/1994	1,4-DICHLOROBENZENE	2.0		75
KBA-11-10B	04/12/1995	1,4-DICHLOROBENZENE	0.0		75
KBA-11-10B	04/12/1995	1,4-DICHLOROBENZENE	0.0		75
KBA-11-10B	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	05/29/1996	1,4-DICHLOROBENZENE	1.0		75
KBA-11-10B	05/29/1996	1,4-DICHLOROBENZENE	1.0		75
KBA-11-10B	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-10B	08/02/1999	1,4-DICHLOROBENZENE	1.5	U	75
KBA-11-10B	08/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-10B	01/08/1994	BENZENE	2.0		5
KBA-11-10B	04/05/1994	BENZENE	1.0		5
KBA-11-10B	09/16/1994	BENZENE	2.0		5
KBA-11-10B	04/12/1995	BENZENE	2.0		5
KBA-11-10B	04/18/1996	BENZENE	0.0	U	5
KBA-11-10B	05/29/1996	BENZENE	1.0		5
KBA-11-10B	06/13/1996	BENZENE	1.0		5
KBA-11-10B	07/17/1996	BENZENE	4.0	J	5
KBA-11-10B	10/22/1996	BENZENE	2.1		5
KBA-11-10B	08/02/1999	BENZENE	1.6		5
KBA-11-10B	08/11/2000	BENZENE	1.0		5
KBA-11-10B	**01/08/1994**	**CHLOROBENZENE**	**2.0**		**1**
KBA-11-10B	04/05/1994	CHLOROBENZENE	1.0		1
KBA-11-10B	09/16/1994	CHLOROBENZENE	1.0		1
KBA-11-10B	04/12/1995	CHLOROBENZENE	0.0	U	1
KBA-11-10B	04/18/1996	CHLOROBENZENE	0.0	U	1

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

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-10B	05/29/1996	CHLOROBENZENE	1.0		1
KBA-11-10B	06/13/1996	CHLOROBENZENE	1.0		1
KBA-11-10B	**07/17/1996**	**CHLOROBENZENE**	**2.0**	**J**	**1**
KBA-11-10B	10/22/1996	CHLOROBENZENE	0.0	U	1
KBA-11-10B	**08/02/1999**	**CHLOROBENZENE**	**2.5**		**1**
KBA-11-10B	08/11/2000	CHLOROBENZENE	1.0		1
KBA-11-10B	01/08/1994	CHLOROETHANE	1.0	U	1
KBA-11-10B	04/05/1994	CHLOROETHANE	1.0	U	1
KBA-11-10B	09/16/1994	CHLOROETHANE	1.0	U	1
KBA-11-10B	04/12/1995	CHLOROETHANE	0.0	U	1
KBA-11-10B	04/18/1996	CHLOROETHANE	0.0	U	1
KBA-11-10B	05/29/1996	CHLOROETHANE	0.0	U	1
KBA-11-10B	06/13/1996	CHLOROETHANE	0.0	U	1
KBA-11-10B	07/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-10B	10/22/1996	CHLOROETHANE	0.0	U	1
KBA-11-10B	08/02/1999	CHLOROETHANE	2.0	U	1
KBA-11-10B	08/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-10B	01/08/1994	CIS-1,2-DICHLOROETHENE	4.0		70
KBA-11-10B	04/05/1994	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	09/16/1994	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	04/12/1995	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	04/18/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-10B	05/29/1996	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-10B	06/13/1996	CIS-1,2-DICHLOROETHENE	1.0		70
KBA-11-10B	07/17/1996	CIS-1,2-DICHLOROETHENE	3.0	J	70
KBA-11-10B	10/22/1996	CIS-1,2-DICHLOROETHENE	2.5		70
KBA-11-10B	08/02/1999	CIS-1,2-DICHLOROETHENE	1.6	I	70
KBA-11-10B	08/11/2000	CIS-1,2-DICHLOROETHENE	1.0	I	70
KBA-11-10B	01/08/1994	ETHYLBENZENE	19.0		700
KBA-11-10B	04/05/1994	ETHYLBENZENE	12.0		700
KBA-11-10B	09/16/1994	ETHYLBENZENE	12.0		700
KBA-11-10B	04/12/1995	ETHYLBENZENE	12.0		700
KBA-11-10B	04/18/1996	ETHYLBENZENE	0.0	U	700
KBA-11-10B	05/29/1996	ETHYLBENZENE	7.0		700
KBA-11-10B	06/13/1996	ETHYLBENZENE	6.0		700
KBA-11-10B	07/17/1996	ETHYLBENZENE	7.0	J	700
KBA-11-10B	10/22/1996	ETHYLBENZENE	8.1		700
KBA-11-10B	08/02/1999	ETHYLBENZENE	10.0		700
KBA-11-10B	08/11/2000	ETHYLBENZENE	5.0		700
KBA-11-10B	01/08/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-10B	04/05/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-10B	09/16/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-10B	04/12/1995	TETRACHLOROETHENE	0.1	J	5
KBA-11-10B	04/18/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	05/29/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	06/13/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	07/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	10/22/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-10B	08/02/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-10B	08/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-10B	01/08/1994	TOLUENE	0.5	J	1000
KBA-11-10B	04/05/1994	TOLUENE	0.7	J	1000

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	09/16/1994	TOLUENE	1.0	U	1000
KBA-11-10B	04/12/1995	TOLUENE	0.0	U	1000
KBA-11-10B	04/18/1996	TOLUENE	0.0	U	1000
KBA-11-10B	05/29/1996	TOLUENE	0.0	U	1000
KBA-11-10B	06/13/1996	TOLUENE	0.0	U	1000
KBA-11-10B	07/17/1996	TOLUENE	0.0	U	1000
KBA-11-10B	10/22/1996	TOLUENE	0.2	J	1000
KBA-11-10B	08/02/1999	TOLUENE	1.0	U	1000
KBA-11-10B	08/11/2000	TOLUENE	1.0	U	1000
KBA-11-10B	01/08/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	04/05/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	09/16/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	04/12/1995	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	04/18/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	05/29/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	06/13/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	07/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	10/22/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-10B	08/02/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	08/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-10B	01/08/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	04/05/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	09/16/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	04/12/1995	TRICHLOROETHENE	0.2	J	5
KBA-11-10B	04/18/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	05/29/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	06/13/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	07/17/1996	TRICHLOROETHENE	2.0	J	5
KBA-11-10B	10/22/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-10B	08/02/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	08/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-10B	01/08/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	04/05/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	09/16/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	04/12/1995	VINYL CHLORIDE	0.4	J	2
KBA-11-10B	04/18/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	05/29/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	06/13/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	07/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	10/22/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-10B	08/02/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	08/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-10B	01/08/1994	XYLENES, TOTAL	0.4	J	10000
KBA-11-10B	04/05/1994	XYLENES, TOTAL	3.0		10000
KBA-11-10B	09/16/1994	XYLENES, TOTAL	0.8	J	10000
KBA-11-10B	04/12/1995	XYLENES, TOTAL	2.0		10000
KBA-11-10B	04/18/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-10B	07/17/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-10B	10/22/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-10B	08/02/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-10B	08/11/2000	XYLENES, TOTAL	3.0	U	10000

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

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-11A	08/02/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	04/16/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-11A	09/14/1994	1,1-DICHLOROETHANE	1.0		1
KBA-11-11A	09/14/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	09/14/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	04/05/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	04/05/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	01/04/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-11A	08/02/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	04/16/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-11A	09/14/1994	1,1-DICHLOROETHENE	1.0		7
KBA-11-11A	09/14/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	09/14/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	04/05/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	04/05/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	01/04/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-11A	08/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-11A	08/02/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-11A	08/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-11A	08/02/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-11A	04/16/1996	1,4-DICHLOROBENZENE	0.0		75
KBA-11-11A	04/16/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-11A	09/14/1994	1,4-DICHLOROBENZENE	1.0		75
KBA-11-11A	09/14/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-11A	09/14/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-11A	09/14/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-11A	09/14/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-11A	08/11/2000	BENZENE	1.0	U	5
KBA-11-11A	08/02/1999	BENZENE	1.0	U	5
KBA-11-11A	04/16/1996	BENZENE	0.0	U	5
KBA-11-11A	09/14/1994	BENZENE	1.0	U	5
KBA-11-11A	09/14/1994	BENZENE	1.0	U	5
KBA-11-11A	04/05/1994	BENZENE	1.0	U	5
KBA-11-11A	04/05/1994	BENZENE	1.0	U	5
KBA-11-11A	01/04/1994	BENZENE	1.0	U	5
KBA-11-11A	08/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-11A	08/02/1999	CHLOROBENZENE	1.0	U	1
KBA-11-11A	04/16/1996	CHLOROBENZENE	0.0	U	1
KBA-11-11A	09/14/1994	CHLOROBENZENE	1.0		1
KBA-11-11A	09/14/1994	CHLOROBENZENE	1.0	U	1
KBA-11-11A	09/14/1994	CHLOROBENZENE	1.0	U	1
KBA-11-11A	04/05/1994	CHLOROBENZENE	1.0	U	1
KBA-11-11A	04/05/1994	CHLOROBENZENE	1.0	U	1
KBA-11-11A	01/04/1994	CHLOROBENZENE	1.0	U	1
KBA-11-11A	08/11/2000	CHLOROETHANE	2.0	U	1
KBA-11-11A	08/02/1999	CHLOROETHANE	2.0	U	1
KBA-11-11A	04/16/1996	CHLOROETHANE	0.0	U	1
KBA-11-11A	09/14/1994	CHLOROETHANE	1.0		1
KBA-11-11A	09/14/1994	CHLOROETHANE	1.0	U	1
KBA-11-11A	09/14/1994	CHLOROETHANE	1.0	U	1
KBA-11-11A	04/05/1994	CHLOROETHANE	1.0	U	1
KBA-11-11A	04/05/1994	CHLOROETHANE	1.0	U	1

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

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-11A	01/04/1994	CHLOROETHANE	1.0	U	1
KBA-11-11A	08/11/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	08/02/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	04/16/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-11A	09/14/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	09/14/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	04/05/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	04/05/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	01/04/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-11A	08/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-11A	08/02/1999	ETHYLBENZENE	1.0	U	700
KBA-11-11A	04/16/1996	ETHYLBENZENE	0.0	U	700
KBA-11-11A	09/14/1994	ETHYLBENZENE	1.0	U	700
KBA-11-11A	09/14/1994	ETHYLBENZENE	1.0	U	700
KBA-11-11A	04/05/1994	ETHYLBENZENE	1.0	U	700
KBA-11-11A	04/05/1994	ETHYLBENZENE	1.0	U	700
KBA-11-11A	01/04/1994	ETHYLBENZENE	1.0	U	700
KBA-11-11A	08/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	08/02/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-11A	04/16/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-11A	09/14/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	09/14/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	04/05/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	04/05/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	01/04/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-11A	08/11/2000	TOLUENE	1.0	U	1000
KBA-11-11A	08/02/1999	TOLUENE	1.0	U	1000
KBA-11-11A	04/16/1996	TOLUENE	0.0	U	1000
KBA-11-11A	09/14/1994	TOLUENE	1.0	U	1000
KBA-11-11A	09/14/1994	TOLUENE	1.0	U	1000
KBA-11-11A	04/05/1994	TOLUENE	1.0	U	1000
KBA-11-11A	04/05/1994	TOLUENE	1.0	U	1000
KBA-11-11A	01/04/1994	TOLUENE	1.0	U	1000
KBA-11-11A	08/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	08/02/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	04/16/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-11A	09/14/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	09/14/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	04/05/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	04/05/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	01/04/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-11A	08/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	08/02/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	04/16/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-11A	09/14/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	09/14/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	04/05/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	04/05/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	01/04/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-11A	08/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	08/02/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	04/16/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-11A	09/14/1994	VINYL CHLORIDE	1.0	U	2

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BOLD indicates results exceeds the Groundwater Protection Standard.

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-11A	09/14/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	04/05/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	04/05/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	01/04/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-11A	08/11/2000	XYLENES, TOTAL	3.0	U	10000
KBA-11-11A	08/02/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-11A	04/16/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-11A	09/14/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	09/14/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	04/05/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	04/05/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-11A	01/04/1994	XYLENES, TOTAL	1.0	U	10000

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J = estimated value.
BOLD indicates results exceeds the Groundwater Protection Standard.

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

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

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

KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	05/31/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/05/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/05/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/08/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/08/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/28/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	06/28/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13A	08/03/1999	1,4-DICHLOROBENZENE	4.0		75
KBA-11-13A	11/09/1999	1,4-DICHLOROBENZENE	5.2		75
KBA-11-13A	02/11/2000	1,4-DICHLOROBENZENE	4.0		75
KBA-11-13A	05/04/2000	1,4-DICHLOROBENZENE	3.0		75
KBA-11-13A	08/11/2000	1,4-DICHLOROBENZENE	3.0		75
KBA-11-13A	**01/07/1994**	**BENZENE**	**100.0**	**U**	**5**
KBA-11-13A	**04/09/1994**	**BENZENE**	**83.0**	**U**	**5**
KBA-11-13A	**09/15/1994**	**BENZENE**	**50.0**	**U**	**5**
KBA-11-13A	04/12/1995	BENZENE	4.0		5
KBA-11-13A	04/18/1996	BENZENE	0.0	U	5
KBA-11-13A	05/29/1996	BENZENE	3.0		5
KBA-11-13A	05/31/1996	BENZENE	0.0	U	5
KBA-11-13A	06/05/1996	BENZENE	0.0	U	5
KBA-11-13A	06/08/1996	BENZENE	0.0	U	5
KBA-11-13A	06/13/1996	BENZENE	0.0	U	5
KBA-11-13A	06/28/1996	BENZENE	0.0	U	5
KBA-11-13A	07/17/1996	BENZENE	0.0	U	5
KBA-11-13A	10/24/1996	BENZENE	0.0	U	5
KBA-11-13A	09/18/1997	BENZENE	0.0	U	5
KBA-11-13A	09/18/1997	BENZENE	0.0	U	5
KBA-11-13A	08/03/1999	BENZENE	1.1	I	5
KBA-11-13A	11/09/1999	BENZENE	1.3	I	5
KBA-11-13A	02/11/2000	BENZENE	2.0		5
KBA-11-13A	05/04/2000	BENZENE	2.0		5
KBA-11-13A	08/11/2000	BENZENE	1.0		5
KBA-11-13A	**01/07/1994**	**CHLOROBENZENE**	**100.0**	**U**	**1**
KBA-11-13A	**04/09/1994**	**CHLOROBENZENE**	**83.0**	**U**	**1**
KBA-11-13A	**09/15/1994**	**CHLOROBENZENE**	**50.0**	**U**	**1**
KBA-11-13A	**04/12/1995**	**CHLOROBENZENE**	**2.0**		**1**
KBA-11-13A	04/18/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	**05/29/1996**	**CHLOROBENZENE**	**5.0**		**1**
KBA-11-13A	05/31/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	06/05/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	06/08/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	06/13/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	06/28/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	07/17/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13A	**10/24/1996**	**CHLOROBENZENE**	**5.0**	**J**	**1**
KBA-11-13A	09/18/1997	CHLOROBENZENE	0.0	U	1
KBA-11-13A	**08/03/1999**	**CHLOROBENZENE**	**6.2**		**1**
KBA-11-13A	**11/09/1999**	**CHLOROBENZENE**	**8.2**		**1**
KBA-11-13A	**02/11/2000**	**CHLOROBENZENE**	**6.0**		**1**
KBA-11-13A	**05/04/2000**	**CHLOROBENZENE**	**5.0**		**1**

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KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	**08/11/2000**	**CHLOROBENZENE**	**5.0**		**1**
KBA-11-13A	**01/07/1994**	**CHLOROETHANE**	**200.0**	**U**	**1**
KBA-11-13A	**04/09/1994**	**CHLOROETHANE**	**170.0**	**U**	**1**
KBA-11-13A	**09/15/1994**	**CHLOROETHANE**	**50.0**	**U**	**1**
KBA-11-13A	04/12/1995	CHLOROETHANE	0.0	U	1
KBA-11-13A	04/18/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	05/29/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	05/31/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	06/05/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	06/08/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	06/13/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	06/28/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	07/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	10/24/1996	CHLOROETHANE	0.0	U	1
KBA-11-13A	09/18/1997	CHLOROETHANE	0.0	U	1
KBA-11-13A	08/03/1999	CHLOROETHANE	2.0	U	1
KBA-11-13A	11/09/1999	CHLOROETHANE	**1.0**	**U**	**1**
KBA-11-13A	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-13A	05/04/2000	CHLOROETHANE	1.0	U	1
KBA-11-13A	08/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-13A	**09/15/1994**	**CIS-1,2-DICHLOROETHENE**	**700.0**		**70**
KBA-11-13A	**04/12/1995**	**CIS-1,2-DICHLOROETHENE**	**440.0**		**70**
KBA-11-13A	04/18/1996	CIS-1,2-DICHLOROETHENE	13.0		70
KBA-11-13A	**05/29/1996**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
KBA-11-13A	**05/31/1996**	**CIS-1,2-DICHLOROETHENE**	**280.0**		**70**
KBA-11-13A	**06/05/1996**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
KBA-11-13A	**06/08/1996**	**CIS-1,2-DICHLOROETHENE**	**360.0**		**70**
KBA-11-13A	**06/13/1996**	**CIS-1,2-DICHLOROETHENE**	**300.0**		**70**
KBA-11-13A	**06/28/1996**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
KBA-11-13A	**07/17/1996**	**CIS-1,2-DICHLOROETHENE**	**250.0**		**70**
KBA-11-13A	**10/24/1996**	**CIS-1,2-DICHLOROETHENE**	**190.0**		**70**
KBA-11-13A	**09/18/1997**	**CIS-1,2-DICHLOROETHENE**	**770.0**		**70**
KBA-11-13A	09/18/1997	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-13A	**11/10/1997**	**CIS-1,2-DICHLOROETHENE**	**190.0**		**70**
KBA-11-13A	**09/17/1998**	**CIS-1,2-DICHLOROETHENE**	**160.0**		**70**
KBA-11-13A	**10/30/1998**	**CIS-1,2-DICHLOROETHENE**	**130.0**		**70**
KBA-11-13A	11/04/1998	CIS-1,2-DICHLOROETHENE	5.0		70
KBA-11-13A	**11/24/1998**	**CIS-1,2-DICHLOROETHENE**	**100.0**		**70**
KBA-11-13A	**11/25/1998**	**CIS-1,2-DICHLOROETHENE**	**79.0**		**70**
KBA-11-13A	**12/22/1998**	**CIS-1,2-DICHLOROETHENE**	**230.0**		**70**
KBA-11-13A	01/07/1999	CIS-1,2-DICHLOROETHENE	34.0		70
KBA-11-13A	**01/27/1999**	**CIS-1,2-DICHLOROETHENE**	**110.0**		**70**
KBA-11-13A	**02/18/1999**	**CIS-1,2-DICHLOROETHENE**	**150.0**		**70**
KBA-11-13A	**03/15/1999**	**CIS-1,2-DICHLOROETHENE**	**150.0**		**70**
KBA-11-13A	04/07/1999	CIS-1,2-DICHLOROETHENE	49.0		70
KBA-11-13A	**05/20/1999**	**CIS-1,2-DICHLOROETHENE**	**350.0**		**70**
KBA-11-13A	**06/23/1999**	**CIS-1,2-DICHLOROETHENE**	**280.0**		**70**
KBA-11-13A	**07/26/1999**	**CIS-1,2-DICHLOROETHENE**	**240.0**		**70**
KBA-11-13A	**08/03/1999**	**CIS-1,2-DICHLOROETHENE**	**190.0**		**70**
KBA-11-13A	08/17/1999	**CIS-1,2-DICHLOROETHENE**	**240.0**		**70**
KBA-11-13A	**11/09/1999**	**CIS-1,2-DICHLOROETHENE**	**260.0**		**70**
KBA-11-13A	**02/11/2000**	**CIS-1,2-DICHLOROETHENE**	**230.0**		**70**
KBA-11-13A	**05/04/2000**	**CIS-1,2-DICHLOROETHENE**	**180.0**		**70**
KBA-11-13A	**08/11/2000**	**CIS-1,2-DICHLOROETHENE**	**300 E**		**70**

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

KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	01/07/1994	ETHYLBENZENE	130.0		700
KBA-11-13A	04/09/1994	ETHYLBENZENE	120.0		700
KBA-11-13A	09/15/1994	ETHYLBENZENE	110.0		700
KBA-11-13A	04/12/1995	ETHYLBENZENE	120.0		700
KBA-11-13A	04/18/1996	ETHYLBENZENE	7.0		700
KBA-11-13A	05/29/1996	ETHYLBENZENE	120.0		700
KBA-11-13A	05/31/1996	ETHYLBENZENE	120.0		700
KBA-11-13A	06/05/1996	ETHYLBENZENE	98.0		700
KBA-11-13A	06/08/1996	ETHYLBENZENE	100.0		700
KBA-11-13A	06/13/1996	ETHYLBENZENE	110.0		700
KBA-11-13A	06/28/1996	ETHYLBENZENE	120.0		700
KBA-11-13A	07/17/1996	ETHYLBENZENE	120.0		700
KBA-11-13A	10/24/1996	ETHYLBENZENE	160.0		700
KBA-11-13A	09/18/1997	ETHYLBENZENE	140.0		700
KBA-11-13A	09/18/1997	ETHYLBENZENE	53.0		700
KBA-11-13A	08/03/1999	ETHYLBENZENE	66.0		700
KBA-11-13A	11/09/1999	ETHYLBENZENE	92.0		700
KBA-11-13A	02/11/2000	ETHYLBENZENE	64.0		700
KBA-11-13A	05/04/2000	ETHYLBENZENE	67.0		700
KBA-11-13A	08/11/2000	ETHYLBENZENE	71.0		700
KBA-11-13A	**01/07/1994**	**TETRACHLOROETHENE**	**100.0**	**U**	**5**
KBA-11-13A	**04/09/1994**	**TETRACHLOROETHENE**	**580.0**		**5**
KBA-11-13A	**09/15/1994**	**TETRACHLOROETHENE**	**460.0**		**5**
KBA-11-13A	**04/12/1995**	**TETRACHLOROETHENE**	**1300.0**		**5**
KBA-11-13A	**04/18/1996**	**TETRACHLOROETHENE**	**15.0**		**5**
KBA-11-13A	**05/29/1996**	**TETRACHLOROETHENE**	**1000.0**		**5**
KBA-11-13A	**05/31/1996**	**TETRACHLOROETHENE**	**770.0**		**5**
KBA-11-13A	**06/05/1996**	**TETRACHLOROETHENE**	**960.0**		**5**
KBA-11-13A	**06/08/1996**	**TETRACHLOROETHENE**	**1200.0**		**5**
KBA-11-13A	**06/13/1996**	**TETRACHLOROETHENE**	**710.0**		**5**
KBA-11-13A	**06/28/1996**	**TETRACHLOROETHENE**	**1200.0**		**5**
KBA-11-13A	**07/17/1996**	**TETRACHLOROETHENE**	**1800.0**		**5**
KBA-11-13A	**10/24/1996**	**TETRACHLOROETHENE**	**420.0**		**5**
KBA-11-13A	09/18/1997	TETRACHLOROETHENE	0.0	U	5
KBA-11-13A	09/18/1997	TETRACHLOROETHENE	0.0	U	5
KBA-11-13A	**11/10/1997**	**TETRACHLOROETHENE**	**420.0**		**5**
KBA-11-13A	09/17/1998	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	10/30/1998	TETRACHLOROETHENE	10.0	U	5
KBA-11-13A	11/04/1998	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	11/24/1998	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	11/25/1998	TETRACHLOROETHENE	5.0	U	5
KBA-11-13A	12/22/1998	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	01/07/1999	TETRACHLOROETHENE	5.0	U	5
KBA-11-13A	01/27/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	02/18/1999	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	03/15/1999	TETRACHLOROETHENE	10.0	U	5
KBA-11-13A	04/07/1999	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	05/20/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	06/23/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	07/26/1999	TETRACHLOROETHENE	15.0	U	5
KBA-11-13A	08/03/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-13A	08/17/1999	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	11/09/1999	TETRACHLOROETHENE	3.0	U	5

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

KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	02/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	05/04/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	08/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-13A	01/07/1994	TOLUENE	170.0		1000
KBA-11-13A	04/09/1994	TOLUENE	89.0		1000
KBA-11-13A	09/15/1994	TOLUENE	120.0		1000
KBA-11-13A	04/12/1995	TOLUENE	75.0		1000
KBA-11-13A	04/18/1996	TOLUENE	3.0		1000
KBA-11-13A	05/29/1996	TOLUENE	23.0	J	1000
KBA-11-13A	05/31/1996	TOLUENE	0.0	U	1000
KBA-11-13A	06/05/1996	TOLUENE	25.0		1000
KBA-11-13A	06/08/1996	TOLUENE	0.0	U	1000
KBA-11-13A	06/13/1996	TOLUENE	17.0		1000
KBA-11-13A	06/28/1996	TOLUENE	0.0	U	1000
KBA-11-13A	07/17/1996	TOLUENE	20.0	J	1000
KBA-11-13A	10/24/1996	TOLUENE	30.0		1000
KBA-11-13A	09/18/1997	TOLUENE	18.0	J	1000
KBA-11-13A	09/18/1997	TOLUENE	0.0	U	1000
KBA-11-13A	08/03/1999	TOLUENE	2.7		1000
KBA-11-13A	11/09/1999	TOLUENE	4.2		1000
KBA-11-13A	02/11/2000	TOLUENE	2.0		1000
KBA-11-13A	05/04/2000	TOLUENE	2.0		1000
KBA-11-13A	08/11/2000	TOLUENE	0.9		1000
KBA-11-13A	09/15/1994	TRANS-1,2-DICHLOROETHENE	50.0	U	100
KBA-11-13A	04/12/1995	TRANS-1,2-DICHLOROETHENE	11.0		100
KBA-11-13A	04/18/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	05/29/1996	TRANS-1,2-DICHLOROETHENE	9.0		100
KBA-11-13A	05/31/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	06/05/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	06/08/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	06/13/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	06/28/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	07/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13A	10/24/1996	TRANS-1,2-DICHLOROETHENE	5.0	J	100
KBA-11-13A	09/18/1997	TRANS-1,2-DICHLOROETHENE	11.0	J	100
KBA-11-13A	08/03/1999	TRANS-1,2-DICHLOROETHENE	7.4		100
KBA-11-13A	11/09/1999	TRANS-1,2-DICHLOROETHENE	6.6		100
KBA-11-13A	02/11/2000	TRANS-1,2-DICHLOROETHENE	6.0		100
KBA-11-13A	05/04/2000	TRANS-1,2-DICHLOROETHENE	6.0		100
KBA-11-13A	08/11/2000	TRANS-1,2-DICHLOROETHENE	9.0		100
KBA-11-13A	**01/07/1994**	**TRICHLOROETHENE**	**300.0**		**5**
KBA-11-13A	**04/09/1994**	**TRICHLOROETHENE**	**2400.0**		**5**
KBA-11-13A	**09/15/1994**	**TRICHLOROETHENE**	**770.0**		**5**
KBA-11-13A	**04/12/1995**	**TRICHLOROETHENE**	**790.0**		**5**
KBA-11-13A	**04/18/1996**	**TRICHLOROETHENE**	**9.0**		**5**
KBA-11-13A	**05/29/1996**	**TRICHLOROETHENE**	**800.0**		**5**
KBA-11-13A	**05/31/1996**	**TRICHLOROETHENE**	**640.0**		**5**
KBA-11-13A	**06/05/1996**	**TRICHLOROETHENE**	**700.0**		**5**
KBA-11-13A	**06/08/1996**	**TRICHLOROETHENE**	**880.0**		**5**
KBA-11-13A	**06/13/1996**	**TRICHLOROETHENE**	**620.0**		**5**
KBA-11-13A	**06/28/1996**	**TRICHLOROETHENE**	**750.0**		**5**
KBA-11-13A	**07/17/1996**	**TRICHLOROETHENE**	**1000.0**		**5**
KBA-11-13A	**10/24/1996**	**TRICHLOROETHENE**	**540.0**		**5**
KBA-11-13A	**09/18/1997**	**TRICHLOROETHENE**	**170.0**		**5**

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

KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	09/18/1997	TRICHLOROETHENE	0.0	U	5
KBA-11-13A	**11/10/1997**	**TRICHLOROETHENE**	**540.0**		**5**
KBA-11-13A	**09/17/1998**	**TRICHLOROETHENE**	**24.0**		**5**
KBA-11-13A	**10/30/1998**	**TRICHLOROETHENE**	**16.0**		**5**
KBA-11-13A	**11/04/1998**	**TRICHLOROETHENE**	**15.0**		**5**
KBA-11-13A	**11/24/1998**	**TRICHLOROETHENE**	**16.0**		**5**
KBA-11-13A	**11/25/1998**	**TRICHLOROETHENE**	**16.0**		**5**
KBA-11-13A	**12/22/1998**	**TRICHLOROETHENE**	**14.0**		**5**
KBA-11-13A	01/07/1999	TRICHLOROETHENE	5.0	U	5
KBA-11-13A	**01/27/1999**	**TRICHLOROETHENE**	**20.0**		**5**
KBA-11-13A	**02/18/1999**	**TRICHLOROETHENE**	**15.0**		**5**
KBA-11-13A	**03/15/1999**	**TRICHLOROETHENE**	**13.0**		**5**
KBA-11-13A	**04/07/1999**	**TRICHLOROETHENE**	**7.0**		**5**
KBA-11-13A	**05/20/1999**	**TRICHLOROETHENE**	**29.0**		**5**
KBA-11-13A	**06/23/1999**	**TRICHLOROETHENE**	**25.0**		**5**
KBA-11-13A	**07/26/1999**	**TRICHLOROETHENE**	**26.0**		**5**
KBA-11-13A	**08/03/1999**	**TRICHLOROETHENE**	**19.0**		**5**
KBA-11-13A	**08/17/1999**	**TRICHLOROETHENE**	**24.0**		**5**
KBA-11-13A	**11/09/1999**	**TRICHLOROETHENE**	**17.0**		**5**
KBA-11-13A	**02/11/2000**	**TRICHLOROETHENE**	**14.0**		**5**
KBA-11-13A	**05/04/2000**	**TRICHLOROETHENE**	**20.0**		**5**
KBA-11-13A	**08/11/2000**	**TRICHLOROETHENE**	**51.0**		**5**
KBA-11-13A	**01/07/1994**	**VINYL CHLORIDE**	**170.0**	**J**	**2**
KBA-11-13A	**04/09/1994**	**VINYL CHLORIDE**	**110.0**	**J**	**2**
KBA-11-13A	**09/15/1994**	**VINYL CHLORIDE**	**50.0**	**U**	**2**
KBA-11-13A	**04/12/1995**	**VINYL CHLORIDE**	**53.0**		**2**
KBA-11-13A	04/18/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	**05/29/1996**	**VINYL CHLORIDE**	**7.0**		**2**
KBA-11-13A	05/31/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	06/05/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	06/08/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	06/13/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	06/28/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	07/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	**10/24/1996**	**VINYL CHLORIDE**	**14.0**		**2**
KBA-11-13A	**09/18/1997**	**VINYL CHLORIDE**	**39.0**		**2**
KBA-11-13A	09/18/1997	VINYL CHLORIDE	0.0	U	2
KBA-11-13A	**11/10/1997**	**VINYL CHLORIDE**	**14.0**		**2**
KBA-11-13A	**09/17/1998**	**VINYL CHLORIDE**	**78.0**		**2**
KBA-11-13A	**10/30/1998**	**VINYL CHLORIDE**	**10.0**		**2**
KBA-11-13A	**11/04/1998**	**VINYL CHLORIDE**	**28.0**		**2**
KBA-11-13A	**11/24/1998**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**11/25/1998**	**VINYL CHLORIDE**	**26.0**		**2**
KBA-11-13A	**12/22/1998**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**01/07/1999**	**VINYL CHLORIDE**	**60.0**		**2**
KBA-11-13A	**01/27/1999**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**02/18/1999**	**VINYL CHLORIDE**	**22.0**		**2**
KBA-11-13A	**03/15/1999**	**VINYL CHLORIDE**	**15.0**		**2**
KBA-11-13A	**04/07/1999**	**VINYL CHLORIDE**	**93.0**		**2**
KBA-11-13A	**05/20/1999**	**VINYL CHLORIDE**	**61.0**		**2**
KBA-11-13A	**06/23/1999**	**VINYL CHLORIDE**	**45.0**		**2**
KBA-11-13A	**07/26/1999**	**VINYL CHLORIDE**	**57.0**		**2**
KBA-11-13A	**08/03/1999**	**VINYL CHLORIDE**	**48.0**		**2**
KBA-11-13A	**08/17/1999**	**VINYL CHLORIDE**	**26.0**		**2**

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

KBA-11-13A	**01/07/1994**	**1,1-DICHLOROETHANE**	**100.0**	**U**	**1**
KBA-11-13A	**11/09/1999**	**VINYL CHLORIDE**	**46.0**		**2**
KBA-11-13A	**02/11/2000**	**VINYL CHLORIDE**	**20.0**		**2**
KBA-11-13A	**05/04/2000**	**VINYL CHLORIDE**	**19.0**		**2**
KBA-11-13A	**08/11/2000**	**VINYL CHLORIDE**	**17.0**		**2**
KBA-11-13A	01/07/1994	XYLENES, TOTAL	240.0		10000
KBA-11-13A	04/09/1994	XYLENES, TOTAL	200.0		10000
KBA-11-13A	09/15/1994	XYLENES, TOTAL	310.0		10000
KBA-11-13A	04/12/1995	XYLENES, TOTAL	260.0		10000
KBA-11-13A	04/18/1996	XYLENES, TOTAL	21.0		10000
KBA-11-13A	07/17/1996	XYLENES, TOTAL	140.0		10000
KBA-11-13A	10/24/1996	XYLENES, TOTAL	300.0		10000
KBA-11-13A	09/18/1997	XYLENES, TOTAL	240.0		10000
KBA-11-13A	08/03/1999	XYLENES, TOTAL	14.4		10000
KBA-11-13A	11/09/1999	XYLENES, TOTAL	49.0		10000
KBA-11-13A	02/11/2000	XYLENES, TOTAL	23.0		10000
KBA-11-13A	05/04/2000	XYLENES, TOTAL	4.0		10000
KBA-11-13A	08/11/2000	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	08/03/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	09/18/1997	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13B	10/22/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13B	04/17/1996	1,1-DICHLOROETHANE	0.0	U	1
KBA-11-13B	09/15/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	04/09/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	01/07/1994	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-13B	08/11/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	08/03/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	09/18/1997	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13B	10/22/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13B	04/17/1996	1,1-DICHLOROETHENE	0.0	U	7
KBA-11-13B	09/15/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	04/09/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	01/07/1994	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-13B	08/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13B	08/03/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-13B	08/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-13B	08/03/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-13B	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	04/17/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	04/17/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-13B	09/15/1994	1,4-DICHLOROBENZENE	10.0	U	75
KBA-11-13B	09/15/1994	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-13B	08/11/2000	BENZENE	1.0	U	5
KBA-11-13B	08/03/1999	BENZENE	1.0	U	5
KBA-11-13B	09/18/1997	BENZENE	0.0	U	5
KBA-11-13B	10/22/1996	BENZENE	0.0	U	5
KBA-11-13B	04/17/1996	BENZENE	3.0		5
KBA-11-13B	09/15/1994	BENZENE	1.0	U	5
KBA-11-13B	04/09/1994	BENZENE	1.0	U	5
KBA-11-13B	01/07/1994	BENZENE	1.0	U	5
KBA-11-13B	08/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-13B	08/03/1999	CHLOROBENZENE	1.0	U	1
KBA-11-13B	09/18/1997	CHLOROBENZENE	0.0	U	1
KBA-11-13B	10/22/1996	CHLOROBENZENE	0.0	U	1
KBA-11-13B	04/17/1996	CHLOROBENZENE	1.0	J	1
KBA-11-13B	09/15/1994	CHLOROBENZENE	1.0	U	1
KBA-11-13B	04/09/1994	CHLOROBENZENE	1.0	U	1
KBA-11-13B	01/07/1994	CHLOROBENZENE	1.0	U	1
KBA-11-13B	08/11/2000	CHLOROETHANE	2.0	U	1
KBA-11-13B	08/03/1999	CHLOROETHANE	2.0	U	1
KBA-11-13B	09/18/1997	CHLOROETHANE	0.0	U	1
KBA-11-13B	10/22/1996	CHLOROETHANE	0.0	U	1
KBA-11-13B	04/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-13B	09/15/1994	CHLOROETHANE	1.0	U	1
KBA-11-13B	04/09/1994	CHLOROETHANE	1.0	U	1
KBA-11-13B	01/07/1994	CHLOROETHANE	1.0	U	1
KBA-11-13B	08/11/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	08/03/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	09/18/1997	CIS-1,2-DICHLOROETHENE	0.0	U	70

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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	10/22/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-13B	04/17/1996	CIS-1,2-DICHLOROETHENE	16.0		70
KBA-11-13B	09/15/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	04/09/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	01/07/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-13B	08/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-13B	08/03/1999	ETHYLBENZENE	1.0	U	700
KBA-11-13B	09/18/1997	ETHYLBENZENE	0.0	U	700
KBA-11-13B	10/22/1996	ETHYLBENZENE	0.2	J	700
KBA-11-13B	04/17/1996	ETHYLBENZENE	8.0		700
KBA-11-13B	09/15/1994	ETHYLBENZENE	1.0	U	700
KBA-11-13B	04/09/1994	ETHYLBENZENE	1.0	U	700
KBA-11-13B	01/07/1994	ETHYLBENZENE	1.0	U	700
KBA-11-13B	08/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-13B	08/03/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-13B	09/18/1997	TETRACHLOROETHENE	0.0	U	5
KBA-11-13B	10/22/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-13B	04/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-13B	09/15/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-13B	04/09/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-13B	01/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-13B	08/11/2000	TOLUENE	1.0	U	1000
KBA-11-13B	08/03/1999	TOLUENE	1.0	U	1000
KBA-11-13B	09/18/1997	TOLUENE	0.0	U	1000
KBA-11-13B	10/22/1996	TOLUENE	0.0	U	1000
KBA-11-13B	04/17/1996	TOLUENE	0.5	J	1000
KBA-11-13B	09/15/1994	TOLUENE	1.0	U	1000
KBA-11-13B	04/09/1994	TOLUENE	1.0	U	1000
KBA-11-13B	01/07/1994	TOLUENE	1.0	U	1000
KBA-11-13B	08/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	08/03/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	09/18/1997	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13B	10/22/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13B	04/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-13B	09/15/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	04/09/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	01/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-13B	08/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	08/03/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	09/18/1997	TRICHLOROETHENE	0.0	U	5
KBA-11-13B	10/22/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-13B	04/17/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-13B	09/15/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	04/09/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	01/07/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-13B	08/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	08/03/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	09/18/1997	VINYL CHLORIDE	0.0	U	2
KBA-11-13B	10/22/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13B	04/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-13B	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	04/09/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-13B	01/07/1994	VINYL CHLORIDE	1.0	U	2

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	08/11/2000	XYLENES, TOTAL	3.0	U	10000
KBA-11-13B	08/03/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-13B	09/18/1997	XYLENES, TOTAL	0.0	U	10000
KBA-11-13B	10/22/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-13B	04/17/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-13B	09/15/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-13B	04/09/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-13B	01/07/1994	XYLENES, TOTAL	1.0	U	10000

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

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

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

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

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

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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	11/10/1997	TRICHLOROETHENE	5.0	U	5
KBA-11-15	08/03/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-15	02/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-15	08/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-15	01/05/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-15	04/06/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-15	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-15	04/16/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-15	04/16/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-15	09/16/1997	VINYL CHLORIDE	0.0	U	2
KBA-11-15	11/10/1997	VINYL CHLORIDE	2.0	U	2
KBA-11-15	08/03/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-15	02/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-15	08/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-15	01/05/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-15	04/06/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-15	09/15/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-15	04/16/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-15	04/16/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-15	08/03/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-15	02/11/2000	XYLENES, TOTAL	3.0	U	10000
KBA-11-15	08/11/2000	XYLENES, TOTAL	3.0	U	10000

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

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J = estimated value.
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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	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	09/18/1997	1,4-DICHLOROBENZENE	0.0	U	75
KBA-11-16	08/03/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-16	11/09/1999	1,4-DICHLOROBENZENE	1.0	U	
KBA-11-16	02/11/2000	1,4-DICHLOROBENZENE	1.0	U	
KBA-11-16	05/04/2000	1,4-DICHLOROBENZENE	1.0	U	
KBA-11-16	08/11/2000	1,4-DICHLOROBENZENE	1.0	U	
KBA-11-16	01/07/1994	BENZENE	2.0		5
KBA-11-16	01/07/1994	BENZENE	20.0	UR	5
KBA-11-16	04/07/1994	BENZENE	8.4	U	5
KBA-11-16	09/15/1994	BENZENE	1.0	U	5
KBA-11-16	09/15/1994	BENZENE	1.0	U	5
KBA-11-16	04/12/1995	BENZENE	0.4	J	5
KBA-11-16	04/17/1996	BENZENE	1.0		5
KBA-11-16	05/29/1996	BENZENE	0.0	U	5
KBA-11-16	06/13/1996	BENZENE	0.0	U	5
KBA-11-16	07/17/1996	BENZENE	0.0	U	5
KBA-11-16	10/22/1996	BENZENE	0.0	U	5
KBA-11-16	10/22/1996	BENZENE	0.0	U	5
KBA-11-16	03/08/1997	BENZENE	0.0	U	5
KBA-11-16	09/18/1997	BENZENE	0.0	U	5
KBA-11-16	08/03/1999	BENZENE	1.0	U	5
KBA-11-16	11/09/1999	BENZENE	1.0	U	5
KBA-11-16	02/11/2000	BENZENE	1.0	U	5
KBA-11-16	05/04/2000	BENZENE	1.0	U	5
KBA-11-16	08/11/2000	BENZENE	1.0	U	5
KBA-11-16	01/07/1994	CHLOROBENZENE	1.0	U	1
KBA-11-16	01/07/1994	CHLOROBENZENE	20.0	UR	1
KBA-11-16	04/07/1994	CHLOROBENZENE	8.4	U	1
KBA-11-16	09/15/1994	CHLOROBENZENE	1.0	U	1
KBA-11-16	09/15/1994	CHLOROBENZENE	1.0	U	1
KBA-11-16	04/12/1995	CHLOROBENZENE	0.0	U	1
KBA-11-16	04/17/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	05/29/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	06/13/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	07/17/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	10/22/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	10/22/1996	CHLOROBENZENE	0.0	U	1
KBA-11-16	09/18/1997	CHLOROBENZENE	0.0	U	1
KBA-11-16	08/03/1999	CHLOROBENZENE	1.0	U	1
KBA-11-16	11/09/1999	CHLOROBENZENE	1.0	U	1
KBA-11-16	02/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-16	05/04/2000	CHLOROBENZENE	1.0	U	1
KBA-11-16	08/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-16	01/07/1994	CHLOROETHANE	1.0	U	1
KBA-11-16	01/07/1994	CHLOROETHANE	20.0	UR	1
KBA-11-16	04/07/1994	CHLOROETHANE	17.0	U	1
KBA-11-16	09/15/1994	CHLOROETHANE	1.0	U	1
KBA-11-16	09/15/1994	CHLOROETHANE	1.0	U	1
KBA-11-16	04/12/1995	CHLOROETHANE	0.0	U	1
KBA-11-16	04/17/1996	CHLOROETHANE	0.0	U	1

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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	05/29/1996	CHLOROETHANE	2.0		1
KBA-11-16	06/13/1996	CHLOROETHANE	0.0	U	1
KBA-11-16	07/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-16	10/22/1996	CHLOROETHANE	0.0	U	1
KBA-11-16	10/22/1996	CHLOROETHANE	0.0	U	1
KBA-11-16	09/18/1997	CHLOROETHANE	0.0	U	1
KBA-11-16	08/03/1999	CHLOROETHANE	1.0	U	1
KBA-11-16	11/09/1999	CHLOROETHANE	1.0	U	1
KBA-11-16	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-16	05/04/2000	CHLOROETHANE	1.0	U	1
KBA-11-16	08/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-16	01/07/1994	CIS-1,2-DICHLOROETHENE	7.0		70
KBA-11-16	01/07/1994	CIS-1,2-DICHLOROETHENE	20.0	UR	70
KBA-11-16	09/15/1994	CIS-1,2-DICHLOROETHENE	1.0		70
KBA-11-16	09/15/1994	CIS-1,2-DICHLOROETHENE	0.9	J	70
KBA-11-16	04/12/1995	CIS-1,2-DICHLOROETHENE	3.0		70
KBA-11-16	04/17/1996	CIS-1,2-DICHLOROETHENE	6.0		70
KBA-11-16	05/29/1996	CIS-1,2-DICHLOROETHENE	4.0		70
KBA-11-16	06/13/1996	CIS-1,2-DICHLOROETHENE	3.0		70
KBA-11-16	07/17/1996	CIS-1,2-DICHLOROETHENE	5.0	J	70
KBA-11-16	10/22/1996	CIS-1,2-DICHLOROETHENE	0.7	J	70
KBA-11-16	10/22/1996	CIS-1,2-DICHLOROETHENE	1.2		70
KBA-11-16	03/08/1997	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-16	09/18/1997	CIS-1,2-DICHLOROETHENE	1.0		70
KBA-11-16	11/10/1997	CIS-1,2-DICHLOROETHENE	5.0	U	70
KBA-11-16	08/03/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-16	11/09/1999	CIS-1,2-DICHLOROETHENE	3.6		70
KBA-11-16	02/11/2000	CIS-1,2-DICHLOROETHENE	14.0		70
KBA-11-16	05/04/2000	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-16	08/11/2000	CIS-1,2-DICHLOROETHENE	2.0		70
KBA-11-16	01/07/1994	ETHYLBENZENE	5.0		700
KBA-11-16	01/07/1994	ETHYLBENZENE	20.0	UR	700
KBA-11-16	04/07/1994	ETHYLBENZENE	8.4	U	700
KBA-11-16	09/15/1994	ETHYLBENZENE	1.0	U	700
KBA-11-16	09/15/1994	ETHYLBENZENE	1.0	U	700
KBA-11-16	04/12/1995	ETHYLBENZENE	0.0	U	700
KBA-11-16	04/17/1996	ETHYLBENZENE	3.0		700
KBA-11-16	05/29/1996	ETHYLBENZENE	0.0	U	700
KBA-11-16	06/13/1996	ETHYLBENZENE	0.0	U	700
KBA-11-16	07/17/1996	ETHYLBENZENE	0.0	U	700
KBA-11-16	10/22/1996	ETHYLBENZENE	0.0	U	700
KBA-11-16	10/22/1996	ETHYLBENZENE	0.2	J	700
KBA-11-16	09/18/1997	ETHYLBENZENE	0.0	U	700
KBA-11-16	08/03/1999	ETHYLBENZENE	1.0	U	700
KBA-11-16	11/09/1999	ETHYLBENZENE	1.0	U	700
KBA-11-16	02/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-16	05/04/2000	ETHYLBENZENE	1.0	U	700
KBA-11-16	08/11/2000	ETHYLBENZENE	0.8	J	700
KBA-11-16	01/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	01/07/1994	TETRACHLOROETHENE	20.0	UR	5
KBA-11-16	04/07/1994	TETRACHLOROETHENE	8.4	U	5
KBA-11-16	09/15/1994	TETRACHLOROETHENE	1.0	U	5

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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	09/15/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	04/12/1995	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	04/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	05/29/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	06/13/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	07/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	10/22/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	10/22/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	03/08/1997	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	09/18/1997	TETRACHLOROETHENE	0.0	U	5
KBA-11-16	11/10/1997	TETRACHLOROETHENE	5.0	U	5
KBA-11-16	08/03/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-16	11/09/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-16	02/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	05/04/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	08/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-16	01/07/1994	TOLUENE	32.0	R	1000
KBA-11-16	01/07/1994	TOLUENE	23.0		1000
KBA-11-16	04/07/1994	TOLUENE	24.0		1000
KBA-11-16	09/15/1994	TOLUENE	1.0	U	1000
KBA-11-16	09/15/1994	TOLUENE	1.0	U	1000
KBA-11-16	04/12/1995	TOLUENE	2.0		1000
KBA-11-16	04/17/1996	TOLUENE	37.0		1000
KBA-11-16	05/29/1996	TOLUENE	3.0		1000
KBA-11-16	06/13/1996	TOLUENE	0.0	U	1000
KBA-11-16	07/17/1996	TOLUENE	3.0	J	1000
KBA-11-16	10/22/1996	TOLUENE	1.2		1000
KBA-11-16	10/22/1996	TOLUENE	1.6		1000
KBA-11-16	09/18/1997	TOLUENE	0.0	U	1000
KBA-11-16	08/03/1999	TOLUENE	1.0	U	1000
KBA-11-16	11/09/1999	TOLUENE	1.0	U	1000
KBA-11-16	02/11/2000	TOLUENE	1.0	U	1000
KBA-11-16	05/04/2000	TOLUENE	1.0	U	1000
KBA-11-16	08/11/2000	TOLUENE	1.0	U	1000
KBA-11-16	01/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	01/07/1994	TRANS-1,2-DICHLOROETHENE	20.0	UR	100
KBA-11-16	09/15/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	09/15/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	04/12/1995	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	04/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	05/29/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	06/13/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	07/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	10/22/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	10/22/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	09/18/1997	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-16	08/03/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	11/09/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	05/04/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	08/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-16	01/07/1994	TRICHLOROETHENE	0.6	J	5

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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	01/07/1994	TRICHLOROETHENE	20.0	UR	5
KBA-11-16	04/07/1994	TRICHLOROETHENE	8.4	U	5
KBA-11-16	09/15/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-16	09/15/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-16	04/12/1995	TRICHLOROETHENE	0.1	J	5
KBA-11-16	04/17/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	05/29/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	06/13/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	07/17/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	10/22/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	10/22/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-16	03/08/1997	TRICHLOROETHENE	0.0	U	5
KBA-11-16	09/18/1997	TRICHLOROETHENE	0.0	U	5
KBA-11-16	11/10/1997	TRICHLOROETHENE	5.0	U	5
KBA-11-16	08/03/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-16	11/09/1999	TRICHLOROETHENE	1.0	U	2
KBA-11-16	02/11/2000	TRICHLOROETHENE	1.0	U	2
KBA-11-16	05/04/2000	TRICHLOROETHENE	1.0	U	2
KBA-11-16	08/11/2000	TRICHLOROETHENE	1.0	U	2
KBA-11-16	01/07/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-16	01/07/1994	VINYL CHLORIDE	20.0	UR	2
KBA-11-16	04/07/1994	VINYL CHLORIDE	17.0	U	2
KBA-11-16	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-16	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-16	04/12/1995	VINYL CHLORIDE	0.3	J	2
KBA-11-16	04/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	05/29/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	06/13/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	07/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	10/22/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	10/22/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-16	03/08/1997	VINYL CHLORIDE	0.0	U	2
KBA-11-16	09/18/1997	VINYL CHLORIDE	0.0	U	2
KBA-11-16	11/10/1997	VINYL CHLORIDE	2.0	U	2
KBA-11-16	08/03/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-16	11/09/1999	VINYL CHLORIDE	1.4	I	2
KBA-11-16	02/11/2000	VINYL CHLORIDE	1.0		2
KBA-11-16	05/04/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-16	08/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-16	01/07/1994	XYLENES, TOTAL	12.0		10000
KBA-11-16	01/07/1994	XYLENES, TOTAL	6.0	R	10000
KBA-11-16	04/07/1994	XYLENES, TOTAL	5.4	J	10000
KBA-11-16	09/15/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-16	09/15/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-16	04/12/1995	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	04/17/1996	XYLENES, TOTAL	4.0		10000
KBA-11-16	07/17/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	10/22/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	10/22/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	09/18/1997	XYLENES, TOTAL	0.0	U	10000
KBA-11-16	08/03/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-16	11/09/1999	XYLENES, TOTAL	3.0	U	10000

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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	02/11/2000	XYLENES, TOTAL	3.0	U	10000
KBA-11-16	05/04/2000	XYLENES, TOTAL	3.0	U	10000
KBA-11-16	08/11/2000	XYLENES, TOTAL	3.0	U	10000

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J = estimated value.
Bold *indicates result exceeds the Groundwater Protection Standard.*

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

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

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-17B	08/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-17B	01/07/1994	CHLOROETHANE	1.0	U	1
KBA-11-17B	01/07/1994	CHLOROETHANE	1.0	U	1
KBA-11-17B	04/07/1994	CHLOROETHANE	1.0	U	1
KBA-11-17B	09/15/1994	CHLOROETHANE	1.0	U	1
KBA-11-17B	04/12/1995	CHLOROETHANE	0.0	U	1
KBA-11-17B	04/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-17B	04/17/1996	CHLOROETHANE	0.0	U	1
KBA-11-17B	08/03/1999	CHLOROETHANE	1.0	U	1
KBA-11-17B	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-17B	08/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-17B	01/07/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	01/07/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	04/07/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	09/15/1994	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	04/12/1995	CIS-1,2-DICHLOROETHENE	0.4	J	70
KBA-11-17B	04/17/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-17B	04/17/1996	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-17B	11/10/1997	CIS-1,2-DICHLOROETHENE	5.0	U	70
KBA-11-17B	08/03/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	02/11/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	08/11/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-17B	01/07/1994	ETHYLBENZENE	1.0	U	700
KBA-11-17B	01/07/1994	ETHYLBENZENE	1.0	U	700
KBA-11-17B	04/07/1994	ETHYLBENZENE	1.0	U	700
KBA-11-17B	09/15/1994	ETHYLBENZENE	1.0	U	700
KBA-11-17B	04/12/1995	ETHYLBENZENE	0.0	U	700
KBA-11-17B	04/17/1996	ETHYLBENZENE	0.0	U	700
KBA-11-17B	04/17/1996	ETHYLBENZENE	0.0	U	700
KBA-11-17B	08/03/1999	ETHYLBENZENE	1.0	U	700
KBA-11-17B	02/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-17B	08/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-17B	01/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	01/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	04/07/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	09/15/1994	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	04/12/1995	TETRACHLOROETHENE	0.0	U	5
KBA-11-17B	04/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-17B	04/17/1996	TETRACHLOROETHENE	0.0	U	5
KBA-11-17B	11/10/1997	TETRACHLOROETHENE	5.0	U	5
KBA-11-17B	08/03/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-17B	02/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	08/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-17B	01/07/1994	TOLUENE	1.0	U	1000
KBA-11-17B	01/07/1994	TOLUENE	1.0	U	1000
KBA-11-17B	04/07/1994	TOLUENE	1.0	U	1000
KBA-11-17B	09/15/1994	TOLUENE	1.0	U	1000
KBA-11-17B	04/12/1995	TOLUENE	0.0	U	1000
KBA-11-17B	04/17/1996	TOLUENE	0.0	U	1000
KBA-11-17B	04/17/1996	TOLUENE	0.0	U	1000
KBA-11-17B	08/03/1999	TOLUENE	1.0	U	1000
KBA-11-17B	02/11/2000	TOLUENE	1.0	U	1000
KBA-11-17B	08/11/2000	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	01/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	01/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	04/07/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	09/15/1994	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	04/12/1995	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-17B	04/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-17B	04/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-17B	08/03/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	08/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-17B	01/07/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	01/07/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	04/07/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	09/15/1994	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	04/12/1995	TRICHLOROETHENE	0.0	U	5
KBA-11-17B	04/17/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-17B	04/17/1996	TRICHLOROETHENE	0.0	U	5
KBA-11-17B	11/10/1997	TRICHLOROETHENE	5.0	U	5
KBA-11-17B	08/03/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	02/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	08/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-17B	01/07/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	01/07/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	04/07/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	09/15/1994	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	04/12/1995	VINYL CHLORIDE	0.0	U	2
KBA-11-17B	04/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-17B	04/17/1996	VINYL CHLORIDE	0.0	U	2
KBA-11-17B	11/10/1997	VINYL CHLORIDE	2.0	U	2
KBA-11-17B	08/03/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	02/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	08/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-17B	01/07/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	01/07/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	04/07/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	09/15/1994	XYLENES, TOTAL	1.0	U	10000
KBA-11-17B	04/12/1995	XYLENES, TOTAL	0.0	U	10000
KBA-11-17B	04/17/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-17B	04/17/1996	XYLENES, TOTAL	0.0	U	10000
KBA-11-17B	08/03/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-17B	02/11/2000	XYLENES, TOTAL	3.0	U	10000
KBA-11-17B	08/11/2000	XYLENES, TOTAL	3.0	U	10000

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-34	08/02/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-34	11/09/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-34	02/11/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-34	08/11/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-34	08/02/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-34	11/09/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-34	02/11/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-34	08/11/2000	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-34	08/02/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	11/09/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	05/04/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	08/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-34	08/02/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	11/09/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	02/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	05/04/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	08/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-34	08/02/1999	BENZENE	1.0	U	5
KBA-11-34	11/09/1999	BENZENE	1.0	U	5
KBA-11-34	02/11/2000	BENZENE	1.0	U	5
KBA-11-34	05/04/2000	BENZENE	1.0	U	5
KBA-11-34	08/11/2000	BENZENE	1.0	U	5
KBA-11-34	08/02/1999	CHLOROBENZENE	1.0	U	1
KBA-11-34	11/09/1999	CHLOROBENZENE	1.0	U	1
KBA-11-34	02/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-34	05/04/2000	CHLOROBENZENE	1.0	U	1
KBA-11-34	08/11/2000	CHLOROBENZENE	1.0	U	1
KBA-11-34	08/02/1999	CHLOROETHANE	1.0	U	1
KBA-11-34	11/09/1999	CHLOROETHANE	1.0	U	1
KBA-11-34	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-34	05/04/2000	CHLOROETHANE	1.0	U	1
KBA-11-34	08/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-34	09/17/1998	CIS-1,2-DICHLOROETHENE	8.0		70
KBA-11-34	10/30/1998	CIS-1,2-DICHLOROETHENE	24.0		70
KBA-11-34	11/13/1998	CIS-1,2-DICHLOROETHENE	5.0	U	70
KBA-11-34	11/24/1998	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	12/22/1998	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	01/27/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	02/18/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	03/15/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	05/20/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	06/22/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	07/26/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	08/02/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	08/16/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	11/09/1999	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	02/11/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	05/04/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	08/11/2000	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-34	08/02/1999	ETHYLBENZENE	1.0	U	700
KBA-11-34	11/09/1999	ETHYLBENZENE	1.0	U	700

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	02/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-34	05/04/2000	ETHYLBENZENE	1.0	U	700
KBA-11-34	08/11/2000	ETHYLBENZENE	1.0	U	700
KBA-11-34	**09/17/1998**	**TETRACHLOROETHENE**	**3200.0**		**5**
KBA-11-34	**10/30/1998**	**TETRACHLOROETHENE**	**8500.0**		**5**
KBA-11-34	**11/13/1998**	**TETRACHLOROETHENE**	**180.0**		**5**
KBA-11-34	**11/24/1998**	**TETRACHLOROETHENE**	**200.0**		**5**
KBA-11-34	**12/22/1998**	**TETRACHLOROETHENE**	**87.0**		**5**
KBA-11-34	**01/27/1999**	**TETRACHLOROETHENE**	**83.0**		**5**
KBA-11-34	**02/18/1999**	**TETRACHLOROETHENE**	**9.0**		**5**
KBA-11-34	**03/15/1999**	**TETRACHLOROETHENE**	**62.0**		**5**
KBA-11-34	**05/20/1999**	**TETRACHLOROETHENE**	**83.0**		**5**
KBA-11-34	**06/22/1999**	**TETRACHLOROETHENE**	**10.0**		**5**
KBA-11-34	**07/26/1999**	**TETRACHLOROETHENE**	**24.0**		**5**
KBA-11-34	**08/02/1999**	**TETRACHLOROETHENE**	**17.0**		**5**
KBA-11-34	**08/16/1999**	**TETRACHLOROETHENE**	**16.0**		**5**
KBA-11-34	**11/09/1999**	**TETRACHLOROETHENE**	**22.0**		**5**
KBA-11-34	**02/11/2000**	**TETRACHLOROETHENE**	**83.0**		**5**
KBA-11-34	**05/04/2000**	**TETRACHLOROETHENE**	**89.0**		**5**
KBA-11-34	**08/11/2000**	**TETRACHLOROETHENE**	**63.0**		**5**
KBA-11-34	08/02/1999	TOLUENE	1.0	U	1000
KBA-11-34	11/09/1999	TOLUENE	1.0	U	1000
KBA-11-34	02/11/2000	TOLUENE	1.0	U	1000
KBA-11-34	05/04/2000	TOLUENE	1.0	U	1000
KBA-11-34	08/11/2000	TOLUENE	1.0	U	1000
KBA-11-34	08/02/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-34	11/09/1999	TRANS-1,2-DICHLOROETHENE	1.0		100
KBA-11-34	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0		100
KBA-11-34	05/04/2000	TRANS-1,2-DICHLOROETHENE	1.0		100
KBA-11-34	08/11/2000	TRANS-1,2-DICHLOROETHENE	1.0		100
KBA-11-34	**09/17/1998**	**TRICHLOROETHENE**	**350.0**		**5**
KBA-11-34	**10/30/1998**	**TRICHLOROETHENE**	**550.0**		**5**
KBA-11-34	**11/13/1998**	**TRICHLOROETHENE**	**30.0**		**5**
KBA-11-34	**11/24/1998**	**TRICHLOROETHENE**	**19.0**		**5**
KBA-11-34	**12/22/1998**	**TRICHLOROETHENE**	**6.0**		**5**
KBA-11-34	**01/27/1999**	**TRICHLOROETHENE**	**7.0**		**5**
KBA-11-34	02/18/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-34	03/15/1999	TRICHLOROETHENE	3.0		5
KBA-11-34	05/20/1999	TRICHLOROETHENE	3.0		5
KBA-11-34	06/22/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-34	07/26/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-34	08/02/1999	TRICHLOROETHENE	1.0	I	5
KBA-11-34	08/16/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-34	11/09/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-34	02/11/2000	TRICHLOROETHENE	2.0		5
KBA-11-34	05/04/2000	TRICHLOROETHENE	1.0		5
KBA-11-34	08/11/2000	TRICHLOROETHENE	0.6	J	5
KBA-11-34	09/17/1998	VINYL CHLORIDE	1.0	U	2
KBA-11-34	10/30/1998	VINYL CHLORIDE	1.0	U	2
KBA-11-34	11/13/1998	VINYL CHLORIDE	5.0	U	2
KBA-11-34	11/24/1998	VINYL CHLORIDE	1.0	U	2

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	12/22/1998	VINYL CHLORIDE	1.0	U	2
KBA-11-34	01/27/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	02/18/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	03/15/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	05/20/1999	VINYL CHLORIDE	5.0	U	2
KBA-11-34	06/22/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	07/26/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	08/02/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	08/16/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	11/09/1999	VINYL CHLORIDE	1.0	U	2
KBA-11-34	02/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-34	05/04/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-34	08/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-34	08/02/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-34	11/09/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-34	02/11/2000	XYLENES, TOTAL	3.0	U	10000
KBA-11-34	05/04/2000	XYLENES, TOTAL	3.0	U	10000
KBA-11-34	08/11/2000	XYLENES, TOTAL	3.0	U	10000

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

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-37	08/16/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-37	11/09/1999	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-37	02/11/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-37	05/04/2000	1,1-DICHLOROETHANE	1.0	U	1
KBA-11-37	08/16/1999	1,1-DICHLOROETHENE	1.0	U	7
KBA-11-37	11/09/1999	1,1-DICHLOROETHENE	1.0	U	1
KBA-11-37	02/11/2000	1,1-DICHLOROETHENE	1.0	U	1
KBA-11-37	05/04/2000	1,1-DICHLOROETHENE	1.0	U	1
KBA-11-37	08/11/2000	1,1-DICHLOROETHENE	1.0	U	1
KBA-11-37	08/16/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	11/09/1999	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	05/04/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	08/11/2000	1,2-DICHLOROETHANE	1.0	U	5
KBA-11-37	08/16/1999	1,4-DICHLOROBENZENE	1.0	U	75
KBA-11-37	11/09/1999	1,4-DICHLOROBENZENE	4.7		75
KBA-11-37	02/11/2000	1,4-DICHLOROBENZENE	3.0		75
KBA-11-37	05/04/2000	1,4-DICHLOROBENZENE	3.0		75
KBA-11-37	08/11/2000	1,4-DICHLOROBENZENE	3.0		75
KBA-11-37	08/16/1999	BENZENE	2.1		5
KBA-11-37	11/09/1999	BENZENE	2.0		5
KBA-11-37	02/11/2000	BENZENE	2.0		5
KBA-11-37	05/04/2000	BENZENE	2.0		5
KBA-11-37	08/11/2000	BENZENE	2.0		5
KBA-11-37	**08/16/1999**	**CHLOROBENZENE**	**2.9**		**1**
KBA-11-37	**11/09/1999**	**CHLOROBENZENE**	**3.1**		**1**
KBA-11-37	**02/11/2000**	**CHLOROBENZENE**	**2.0**		**1**
KBA-11-37	**05/04/2000**	**CHLOROBENZENE**	**3.0**		**1**
KBA-11-37	**08/11/2000**	**CHLOROBENZENE**	**2.0**		**1**
KBA-11-37	08/16/1999	CHLOROETHANE	1.0	U	1
KBA-11-37	11/09/1999	CHLOROETHANE	1.0	U	1
KBA-11-37	02/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-37	05/04/2000	CHLOROETHANE	1.0	U	1
KBA-11-37	08/11/2000	CHLOROETHANE	1.0	U	1
KBA-11-37	08/16/1999	CIS-1,2-DICHLOROETHENE	24.0		70
KBA-11-37	11/09/1999	CIS-1,2-DICHLOROETHENE	17.0		70
KBA-11-37	02/11/2000	CIS-1,2-DICHLOROETHENE	16.0		70
KBA-11-37	05/04/2000	CIS-1,2-DICHLOROETHENE	17.0		70
KBA-11-37	08/11/2000	CIS-1,2-DICHLOROETHENE	14.0		70
KBA-11-37	08/16/1999	ETHYLBENZENE	15.0		700
KBA-11-37	11/09/1999	ETHYLBENZENE	14.0	U	700
KBA-11-37	02/11/2000	ETHYLBENZENE	9.0		700
KBA-11-37	05/04/2000	ETHYLBENZENE	1.0U		700
KBA-11-37	08/11/2000	ETHYLBENZENE	7.0		700
KBA-11-37	08/16/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-37	11/09/1999	TETRACHLOROETHENE	3.0	U	5
KBA-11-37	02/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-37	05/04/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-37	08/11/2000	TETRACHLOROETHENE	1.0	U	5
KBA-11-37	08/16/1999	TOLUENE	1.0	U	1000
KBA-11-37	11/09/1999	TOLUENE	1.0	U	1000
KBA-11-37	02/11/2000	TOLUENE	1.0		1000
KBA-11-37	05/04/2000	TOLUENE	1.0U		1000

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	08/11/2000	TOLUENE	1.0U		1000
KBA-11-37	08/16/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	11/09/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	05/04/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	08/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-37	08/16/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-37	11/09/1999	TRICHLOROETHENE	1.0	U	5
KBA-11-37	02/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-37	05/04/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-37	08/11/2000	TRICHLOROETHENE	1.0	U	5
KBA-11-37	**08/16/1999**	**VINYL CHLORIDE**	**2.5**	**I**	**2**
KBA-11-37	11/09/1999	VINYL CHLORIDE	1.4	I	2
KBA-11-37	02/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-37	05/04/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-37	08/11/2000	VINYL CHLORIDE	1.0	U	2
KBA-11-37	08/16/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-37	11/09/1999	XYLENES, TOTAL	3.0	U	10000
KBA-11-37	02/11/2000	XYLENES, TOTAL	3.0	U	10000
KBA-11-37	05/04/2000	XYLENES, TOTAL	12.0	U	10000
KBA-11-37	08/11/2000	XYLENES, TOTAL	3.0	U	10000

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT	Q	CRITERIA (ug/L)
PS-2	**04/18/1996**	**1,1-DICHLOROETHANE**	**16.0**		**1**
PS-2	**05/29/1996**	**1,1-DICHLOROETHANE**	**10.0**		**1**
PS-2	**05/31/1996**	**1,1-DICHLOROETHANE**	**11.0**		**1**
PS-2	**06/05/1996**	**1,1-DICHLOROETHANE**	**11.0**		**1**
PS-2	**06/06/1996**	**1,1-DICHLOROETHANE**	**11.0**		**1**
PS-2	06/08/1996	1,1-DICHLOROETHANE	0.0	U	1
PS-2	06/13/1996	1,1-DICHLOROETHANE	0.0	U	1
PS-2	06/28/1996	1,1-DICHLOROETHANE	0.0	U	1
PS-2	**07/17/1996**	**1,1-DICHLOROETHANE**	**13.0**	**J**	**1**
PS-2	10/24/1996	1,1-DICHLOROETHANE	0.0	U	1
PS-2	**03/08/1997**	**1,1-DICHLOROETHANE**	**10.0**		**1**
PS-2	**09/16/1997**	**1,1-DICHLOROETHANE**	**8.0**	**J**	**1**
PS-2	**08/17/1999**	**1,1-DICHLOROETHANE**	**5.6**		**1**
PS-2	**11/09/1999**	**1,1-DICHLOROETHANE**	**5.1**		**1**
PS-2	**02/11/2000**	**1,1-DICHLOROETHANE**	**5.0**		**1**
PS-2	**05/04/2000**	**1,1-DICHLOROETHANE**	**5.0**		**1**
PS-2	**08/11/2000**	**1,1-DICHLOROETHANE**	**4.0**		**1**
PS-2	04/18/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	05/29/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	05/31/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	06/05/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	06/06/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	06/08/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	06/13/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	06/28/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	07/17/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	10/24/1996	1,1-DICHLOROETHENE	0.0	U	7
PS-2	09/16/1997	1,1-DICHLOROETHENE	0.0	U	7
PS-2	08/17/1999	1,1-DICHLOROETHENE	1.0		7
PS-2	11/09/1999	1,1-DICHLOROETHENE	1.0	U	7
PS-2	02/11/2000	1,1-DICHLOROETHENE	1.0	U	7
PS-2	05/04/2000	1,1-DICHLOROETHENE	1.0	U	7
PS-2	08/11/2000	1,1-DICHLOROETHENE	1.0	U	7
PS-2	08/17/1999	1,2-DICHLOROETHANE	1.0	U	5
PS-2	11/09/1999	1,2-DICHLOROETHANE	1.0	U	5
PS-2	02/11/2000	1,2-DICHLOROETHANE	1.0	U	5
PS-2	05/04/2000	1,2-DICHLOROETHANE	1.0	U	5
PS-2	08/11/2000	1,2-DICHLOROETHANE	1.0	U	5
PS-2	04/18/1996	1,4-DICHLOROBENZENE	0.0		75
PS-2	04/18/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	05/29/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	05/29/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	05/31/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	05/31/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/05/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/05/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/06/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/06/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/08/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/08/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/13/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	06/28/1996	1,4-DICHLOROBENZENE	0.0	U	75

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT	Q	CRITERIA (ug/L)
PS-2	06/28/1996	1,4-DICHLOROBENZENE	0.0	U	75
PS-2	08/17/1999	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	11/09/1999	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	02/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	05/04/2000	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	08/11/2000	1,4-DICHLOROBENZENE	1.0	U	75
PS-2	04/18/1996	BENZENE	1.0		5
PS-2	05/29/1996	BENZENE	2.0		5
PS-2	05/31/1996	BENZENE	0.0	U	5
PS-2	06/05/1996	BENZENE	0.0	U	5
PS-2	06/06/1996	BENZENE	0.0	U	5
PS-2	06/08/1996	BENZENE	0.0	U	5
PS-2	06/13/1996	BENZENE	0.0	U	5
PS-2	06/28/1996	BENZENE	0.0	U	5
PS-2	07/17/1996	BENZENE	4.0	J	5
PS-2	10/24/1996	BENZENE	0.0	U	5
PS-2	**03/08/1997**	**BENZENE**	**5.9**		**5**
PS-2	**09/16/1997**	**BENZENE**	**10.0**		**5**
PS-2	**08/17/1999**	**BENZENE**	**9.1**		**5**
PS-2	**11/09/1999**	**BENZENE**	**9.4**		**5**
PS-2	**02/11/2000**	**BENZENE**	**8.0**		**5**
PS-2	**05/04/2000**	**BENZENE**	**8.0**		**5**
PS-2	**08/11/2000**	**BENZENE**	**6.0**		**5**
PS-2	04/18/1996	CHLOROBENZENE	0.0	U	1
PS-2	05/29/1996	CHLOROBENZENE	0.0	U	1
PS-2	05/31/1996	CHLOROBENZENE	0.0	U	1
PS-2	06/05/1996	CHLOROBENZENE	0.0	U	1
PS-2	06/06/1996	CHLOROBENZENE	0.0	U	1
PS-2	06/08/1996	CHLOROBENZENE	0.0	U	1
PS-2	06/13/1996	CHLOROBENZENE	0.0	U	1
PS-2	06/28/1996	CHLOROBENZENE	0.0	U	1
PS-2	07/17/1996	CHLOROBENZENE	0.0	U	1
PS-2	10/24/1996	CHLOROBENZENE	0.0	U	1
PS-2	09/16/1997	CHLOROBENZENE	0.0	U	1
PS-2	08/17/1999	CHLOROBENZENE	1.0	U	1
PS-2	11/09/1999	CHLOROBENZENE	1.0	U	1
PS-2	02/11/2000	CHLOROBENZENE	1.0	U	1
PS-2	05/04/2000	CHLOROBENZENE	0.7	U	1
PS-2	08/11/2000	CHLOROBENZENE	0.5	U	1
PS-2	04/18/1996	CHLOROETHANE	0.0	U	1
PS-2	05/29/1996	CHLOROETHANE	0.0	U	1
PS-2	05/31/1996	CHLOROETHANE	0.0	U	1
PS-2	06/05/1996	CHLOROETHANE	0.0	U	1
PS-2	06/06/1996	CHLOROETHANE	0.0	U	1
PS-2	06/08/1996	CHLOROETHANE	0.0	U	1
PS-2	06/13/1996	CHLOROETHANE	0.0	U	1
PS-2	06/28/1996	CHLOROETHANE	0.0	U	1
PS-2	07/17/1996	CHLOROETHANE	0.0	U	1
PS-2	10/24/1996	CHLOROETHANE	0.0	U	1
PS-2	09/16/1997	CHLOROETHANE	0.0	U	1
PS-2	08/17/1999	CHLOROETHANE	1.0	U	1
PS-2	11/09/1999	CHLOROETHANE	1.0	U	1
PS-2	02/11/2000	CHLOROETHANE	1.0	U	1

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT	Q	CRITERIA (ug/L)
PS-2	05/04/2000	CHLOROETHANE	1.0	U	1
PS-2	08/11/2000	CHLOROETHANE	1.0	U	1
PS-2	**04/18/1996**	**CIS-1,2-DICHLOROETHENE**	**320.0**		**70**
PS-2	**05/29/1996**	**CIS-1,2-DICHLOROETHENE**	**210.0**		**70**
PS-2	**05/31/1996**	**CIS-1,2-DICHLOROETHENE**	**160.0**		**70**
PS-2	**06/05/1996**	**CIS-1,2-DICHLOROETHENE**	**160.0**		**70**
PS-2	**06/06/1996**	**CIS-1,2-DICHLOROETHENE**	**170.0**		**70**
PS-2	**06/08/1996**	**CIS-1,2-DICHLOROETHENE**	**75.0**		**70**
PS-2	**06/13/1996**	**CIS-1,2-DICHLOROETHENE**	**140.0**		**70**
PS-2	**06/28/1996**	**CIS-1,2-DICHLOROETHENE**	**210.0**		**70**
PS-2	**07/17/1996**	**CIS-1,2-DICHLOROETHENE**	**200.0**		**70**
PS-2	10/24/1996	CIS-1,2-DICHLOROETHENE	15.0		70
PS-2	**03/08/1997**	**CIS-1,2-DICHLOROETHENE**	**110.0**		**70**
PS-2	09/16/1997	CIS-1,2-DICHLOROETHENE	41.0		70
PS-2	08/17/1999	CIS-1,2-DICHLOROETHENE	41.0		70
PS-2	11/09/1999	CIS-1,2-DICHLOROETHENE	40.0		70
PS-2	02/11/2000	CIS-1,2-DICHLOROETHENE	52.0		70
PS-2	05/04/2000	CIS-1,2-DICHLOROETHENE	57.0		70
PS-2	**08/11/2000**	**CIS-1,2-DICHLOROETHENE**	**58.0**		**70**
PS-2	04/18/1996	ETHYLBENZENE	2.0		700
PS-2	05/29/1996	ETHYLBENZENE	3.0		700
PS-2	05/31/1996	ETHYLBENZENE	0.0	U	700
PS-2	06/05/1996	ETHYLBENZENE	0.0	U	700
PS-2	06/06/1996	ETHYLBENZENE	0.0	U	700
PS-2	06/08/1996	ETHYLBENZENE	24.0		700
PS-2	06/13/1996	ETHYLBENZENE	0.0	U	700
PS-2	06/28/1996	ETHYLBENZENE	0.0	U	700
PS-2	07/17/1996	ETHYLBENZENE	3.0	J	700
PS-2	10/24/1996	ETHYLBENZENE	0.0	U	700
PS-2	09/16/1997	ETHYLBENZENE	7.0	J	700
PS-2	08/17/1999	ETHYLBENZENE	10.0		700
PS-2	11/09/1999	ETHYLBENZENE	16.0		700
PS-2	02/11/2000	ETHYLBENZENE	14.0		700
PS-2	05/04/2000	ETHYLBENZENE	16.0		700
PS-2	08/11/2000	ETHYLBENZENE	14.0		700
PS-2	04/18/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	05/29/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	05/31/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	06/05/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	06/06/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	**06/08/1996**	**TETRACHLOROETHENE**	**270.0**		**5**
PS-2	06/13/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	06/28/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	07/17/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	10/24/1996	TETRACHLOROETHENE	0.0	U	5
PS-2	03/08/1997	TETRACHLOROETHENE	0.0	U	5
PS-2	09/16/1997	TETRACHLOROETHENE	0.0	U	5
PS-2	08/17/1999	TETRACHLOROETHENE	3.0	U	5
PS-2	11/09/1999	TETRACHLOROETHENE	3.0	U	5
PS-2	02/11/2000	TETRACHLOROETHENE	1.0	U	5
PS-2	05/04/2000	TETRACHLOROETHENE	1.0	U	5
PS-2	08/11/2000	TETRACHLOROETHENE	1.0	U	5
PS-2	04/18/1996	TOLUENE	10.0	J	1000

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT	Q	CRITERIA (ug/L)
PS-2	05/29/1996	TOLUENE	66.0		1000
PS-2	05/31/1996	TOLUENE	69.0		1000
PS-2	06/05/1996	TOLUENE	75.0		1000
PS-2	06/06/1996	TOLUENE	71.0		1000
PS-2	06/08/1996	TOLUENE	0.0	U	1000
PS-2	06/13/1996	TOLUENE	74.0		1000
PS-2	06/28/1996	TOLUENE	0.0	U	1000
PS-2	07/17/1996	TOLUENE	110.0		1000
PS-2	10/24/1996	TOLUENE	0.0	U	1000
PS-2	09/16/1997	TOLUENE	100.0		1000
PS-2	08/17/1999	TOLUENE	43.0		1000
PS-2	11/09/1999	TOLUENE	57.0		1000
PS-2	02/11/2000	TOLUENE	37.0		1000
PS-2	05/04/2000	TOLUENE	19.0		1000
PS-2	08/11/2000	TOLUENE	8.0		1000
PS-2	04/18/1996	TRANS-1,2-DICHLOROETHENE	5.0		100
PS-2	05/29/1996	TRANS-1,2-DICHLOROETHENE	1.0		100
PS-2	05/31/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	06/05/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	06/06/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	06/08/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	06/13/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	06/28/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	07/17/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	10/24/1996	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	09/16/1997	TRANS-1,2-DICHLOROETHENE	0.0	U	100
PS-2	08/17/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	100
PS-2	11/09/1999	TRANS-1,2-DICHLOROETHENE	1.0	U	
PS-2	02/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	
PS-2	05/04/2000	TRANS-1,2-DICHLOROETHENE	0.5	U	
PS-2	08/11/2000	TRANS-1,2-DICHLOROETHENE	1.0	U	
PS-2	04/18/1996	TRICHLOROETHENE	3.0		5
PS-2	05/29/1996	TRICHLOROETHENE	2.0		5
PS-2	05/31/1996	TRICHLOROETHENE	0.0	U	5
PS-2	06/05/1996	TRICHLOROETHENE	0.0	U	5
PS-2	06/06/1996	TRICHLOROETHENE	0.0	U	5
PS-2	**06/08/1996**	**TRICHLOROETHENE**	**200.0**		**5**
PS-2	06/13/1996	TRICHLOROETHENE	0.0	U	5
PS-2	06/28/1996	TRICHLOROETHENE	0.0	U	5
PS-2	07/17/1996	TRICHLOROETHENE	4.0	J	5
PS-2	10/24/1996	TRICHLOROETHENE	0.0	U	5
PS-2	03/08/1997	TRICHLOROETHENE	2.8		5
PS-2	09/16/1997	TRICHLOROETHENE	1.0	J	5
PS-2	08/17/1999	TRICHLOROETHENE	1.3	I	5
PS-2	11/09/1999	TRICHLOROETHENE	1.4	I	5
PS-2	02/11/2000	TRICHLOROETHENE	2.0		5
PS-2	05/04/2000	TRICHLOROETHENE	2.0		5
PS-2	08/11/2000	TRICHLOROETHENE	2.0		5
PS-2	**04/18/1996**	**VINYL CHLORIDE**	**8.0**		**2**
PS-2	**05/29/1996**	**VINYL CHLORIDE**	**5.0**		**2**
PS-2	05/31/1996	VINYL CHLORIDE	0.0	U	2
PS-2	06/05/1996	VINYL CHLORIDE	0.0	U	2
PS-2	06/06/1996	VINYL CHLORIDE	0.0	U	2

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

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

LOCATION	SAMPLE DATE	PARAMETER	RESULT	Q	CRITERIA (ug/L)
PS-2	06/08/1996	VINYL CHLORIDE	0.0	U	2
PS-2	06/13/1996	VINYL CHLORIDE	0.0	U	2
PS-2	06/28/1996	VINYL CHLORIDE	0.0	U	2
PS-2	07/17/1996	VINYL CHLORIDE	0.0	U	2
PS-2	10/24/1996	VINYL CHLORIDE	0.0	U	2
PS-2	**03/08/1997**	**VINYL CHLORIDE**	**8.8**		**2**
PS-2	09/16/1997	VINYL CHLORIDE	1.0	J	2
PS-2	**08/17/1999**	**VINYL CHLORIDE**	**3.2**	**I**	**2**
PS-2	**11/09/1999**	**VINYL CHLORIDE**	**2.9**		**2**
PS-2	**02/11/2000**	**VINYL CHLORIDE**	**2.0**		**2**
PS-2	05/04/2000	VINYL CHLORIDE	1.0U		2
PS-2	**08/11/2000**	**VINYL CHLORIDE**	**2.0**		**2**
PS-2	04/18/1996	XYLENES, TOTAL	4.0		10000
PS-2	07/17/1996	XYLENES, TOTAL	7.0	J	10000
PS-2	10/24/1996	XYLENES, TOTAL	0.0	U	10000
PS-2	09/16/1997	XYLENES, TOTAL	17.0		10000
PS-2	08/17/1999	XYLENES, TOTAL	29.0		10000
PS-2	11/09/1999	XYLENES, TOTAL	47.0		10000
PS-2	02/11/2000	XYLENES, TOTAL	40.0		10000
PS-2	05/04/2000	XYLENES, TOTAL	41.0		10000
PS-2	08/11/2000	XYLENES, TOTAL	19.0		10000

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

August 2000
Quarterly Analytical Results

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-1
3A AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-009

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-26

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	17	
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	9	
156-59-2	cis-1,2-Dichloroethene	300	E
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)	20	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	51	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	20	U
591-78-6	2-Hexanone	20	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	0.9	J
108-90-7	Chlorobenzene	5	
100-41-4	Ethylbenzene	71	
100-42-5	Styrene	1	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-1
3A AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-009

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-26

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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
75-71-8	Dichlorodifluoromethane	1	U
75-69-4	Trichlorofluoromethane	1	U
107-13-1	Acrylonitrile	100	U
108-05-4	Vinyl Acetate	10	U
107-02-8	Acrolein	100	U
74-88-4	Iodomethane	5	U
75-05-8	Acetonitrile	100	U
107-05-1	Allyl Chloride	10	U
126-98-7	Methacrylonitrile	5	U
107-12-0	Propionitrile	20	U
74-95-3	Dibromomethane	1	U
80-62-6	Methyl methacrylate	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
1330-20-7	Total Xylenes	0.7	J
136777-61-2	P&M Xylene	2	U
95-47-6	O-Xylene	0.7	J
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-13
ADUP AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-010

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-27

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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	11	
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	190	
156-60-5	trans-1,2-Dichloroethene	7	
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	40	
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	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	0.7	J
108-90-7	Chlorobenzene	4	
100-41-4	Ethylbenzene	51	
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-11-13
ADUP AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-010

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-27

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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	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-11-1
1A AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-011

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-28

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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	1	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	10	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
156-59-2	cis-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)	20	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	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
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	20	U
591-78-6	2-Hexanone	20	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

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-1
1A AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-011

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-28

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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
75-71-8	Dichlorodifluoromethane	1	U
75-69-4	Trichlorofluoromethane	1	U
107-13-1	Acrylonitrile	100	U
108-05-4	Vinyl Acetate	10	U
107-02-8	Acrolein	100	U
74-88-4	Iodomethane	5	U
75-05-8	Acetonitrile	100	U
107-05-1	Allyl Chloride	10	U
126-98-7	Methacrylonitrile	5	U
107-12-0	Propionitrile	20	U
74-95-3	Dibromomethane	1	U
80-62-6	Methyl methacrylate	5	U
106-93-4	1,2-Dibromoethane (EDB)	1	U
97-63-2	Ethyl methacrylate	5	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U
96-18-4	1,2,3-Trichloropropane	5	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-11-1
0B AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-004

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-21

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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	
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	
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	
100-41-4	Ethylbenzene	5	
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
0B AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-004

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-21

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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	
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-11-1
3B AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-001

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-18

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/21/00

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	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 I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
KEA-11-1
3B AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-001

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-18

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/21/00

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-11-15 AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-008

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-25

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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-11-15 AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-008

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-25

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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-11-16 AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-006

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-23

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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	1	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	2	
75-34-3	1,1-Dichloroethane	1	U
67-66-3	Chloroform	2	
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone (MEK)	1	U
71-55-6	1,1,1-Trichloroethane	10	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)	1	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	25	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	0.8	J
75-71-8	Dichlorodifluoromethane	1	U
75-69-4	Trichlorofluoromethane	5	U
107-13-1	Acrylonitrile	1	U
		25	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-11-16 AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-006

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-23

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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-11-1
7B AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-007

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-24

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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-11-1
7B AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-007

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-24

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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-11-34 AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-003

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-20

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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	0.6	J
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	0.6	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	63	
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-11-34 AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-003

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-20

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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-11-37 AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-005

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-22

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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	14	
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	7	
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 AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-005

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-22

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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-PS-2 AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-002

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-19

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/21/00

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	2	
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	58	
156-60-5	trans-1,2-Dichloroethene	1	U
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	6	
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	8	
108-90-7	Chlorobenzene	0.5	J
100-41-4	Ethylbenzene	14	
100-42-5	Styrene	1	U
75-71-8	Dichlorodifluoromethane	3	J
75-69-4	Trichlorofluoromethane	1	U
107-13-1	Acrylonitrile	25	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

KBA-PS-2 AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-002

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-19

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/21/00

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	19	
136777-61-2	P&M Xylene	11	
95-47-6	O-Xylene	8	
110-57-6	trans-1,4-Dichloro-2-butene	5	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EQUIPMENT BLANK

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-012

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-29

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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.

EQUIPMENT BLANK

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: CAS/JAX Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-012

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-29

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-013

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-30

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-013

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 0821-30

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: not dec. _____ Date Analyzed: 08/22/00

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

August 2000
Annual Appendix IX Analytical Results

Organic Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Organic Sample ID Qualifiers

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

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

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

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

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

Inorganic Qualifiers

C (Concentration) Qualifier -- Enter "B" if the reported value obtained was less than the CRDL but greater than or equal to the IDL. Enter "U" if the value was less than the IDL or was not detected.

Q Qualifier -- Entries and their meanings are:

E -- The reported value is estimated because of interference. An explanatory comment must be included in the case narrative if the problem applies to all samples in this data package or on the individual FORM I if it is an isolated problem.

M -- Duplicate injection precision was not met (two analyses of the same sample did not agree).

N -- Spiked sample recovery not within control limits.

S -- The reported value was determined by the Method of Standard Additions (MSA).

W -- Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.

* -- Duplicate analysis not within control limits

+ -- Correlation coefficient for the MSA is less than 0.995.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can appear in the same field.

M (Method) Qualifier – Enter one of the following:

P -- ICP
A -- Flame AA
F -- Furnace AA
CV -- Manual Cold Vapor AA
AV -- Automated Cold Vapor AA
AS -- Semi-Automated Spectrophotometric
CA -- Manual Spectrophotometric
T -- Titrimetric
NR -- Analyte was not required by your lab

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-13AAUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002691

Matrix: (soil/water) WATER Lab Sample ID: J2002679-009

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0908-25

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/10/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	5.0	U
62-75-9	N-Nitrosodimethylamine	5.0	U
109-06-8	2-Picoline	5.0	U
10595-95-6	N-Nitroso-n-methylethylamine	5.0	U
66-27-3	Methyl Methanesulfonate	5.0	U
55-18-5	N-Nitrosodiethylamine	5.0	U
62-50-0	Ethyl Methanesulfonate	5.0	U
76-01-7	Pentachloroethane	5.0	U
62-53-3	Aniline	5.0	U
108-95-2	Phenol	5.0	U
111-44-4	Bis(2-Chloroethyl) Ether	5.0	U
95-57-8	2-Chlorophenol	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
100-51-6	Benzyl Alcohol	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
39638-32-9	Bis(2-chloroisopropyl) Ether	5.0	U
95-48-7	2-Methylphenol (o-Cresol)	5.0	U
621-64-7	N-Nitrosodi-n-propylamine	5.0	U
95-53-4	o-Toluidine	20	U
98-86-2	Acetophenone	5.0	U
930-55-2	N-Nitrosopyrrolidine	5.0	U
59-89-2	N-Nitrosomorpholine	5.0	U
106-44-5	3 and 4-Methylphenol Coeluti	5.0	U
67-72-1	Hexachloroethane	5.0	U
98-95-3	Nitrobenzene	5.0	U
100-75-4	n-Nitrosopiperidine	5.0	U
78-59-1	Isophorone	5.0	U
88-75-5	2-Nitrophenol	5.0	U
105-67-9	2,4-Dimethylphenol	5.0	U
111-91-1	bis(2-Chloroethoxy)methane	5.0	U
126-68-1	o,o,o-Triethylphosphorothioa	5.0	U
65-85-0	Benzoic Acid	20	U

FORM I SV

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-13AAUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002691

Matrix: (soil/water) WATER Lab Sample ID: J2002679-009

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0908-25

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/10/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
120-83-2	2,4-Dichlorophenol	5.0	U
----------	a,a-Dimethylphenethylamine	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	20	
106-47-8	4-Chloroaniline	5.0	U
87-65-0	2,6-Dichlorophenol	5.0	U
1888-71-7	Hexachloropropene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
106-50-3	p-Phenylenediamine	5.0	U
924-16-3	N-Nitrosodi-n-butylamine	5.0	U
59-50-7	4-Chloro-3-Methylphenol	5.0	U
94-59-7	Safrole	5.0	U
91-57-6	2-Methylnaphthalene	5.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	5.0	U
77-47-4	Hexachlorocyclopentadiene	5.0	U
88-06-2	2,4,6-Trichlorophenol	5.0	U
95-95-4	2,4,5-Trichlorophenol	5.0	U
91-58-7	2-Chloronaphthalene	5.0	U
120-58-1	Isosafrole	5.0	U
90-13-1	1-Chloronaphthalene	5.0	U
88-74-4	2-Nitroaniline	5.0	U
130-15-4	1,4-Naphthoquinone	20	U
131-11-3	Dimethyl Phthalate	5.0	U
99-65-0	1,3-Dinitrobenzene	5.0	U
208-96-8	Acenaphthylene	5.0	U
606-20-2	2,6-Dinitrotoluene	5.0	U
99-09-2	3-Nitroaniline	5.0	U
83-32-9	Acenaphthene	5.0	U
51-28-5	2,4-Dinitrophenol	20	U
132-64-9	Dibenzofuran	5.0	U
608-93-5	Pentachlorobenzene	5.0	U
100-02-7	4-Nitrophenol	20	U
121-14-2	2,4-Dinitrotoluene	5.0	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-13AAUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002691

Matrix: (soil/water) WATER Lab Sample ID: J2002679-009

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0908-25

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 08/16/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/10/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-59-8	2-Naphthylamine	5.0	U
134-32-7	1-Naphthylamine	5.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	5.0	U
84-66-2	Diethyl Phthalate	7.2	
86-73-7	Fluorene	5.0	U
7005-72-3	4-Chlorophenyl Phenyl Ether	5.0	U
99-55-8	5-Nitro-o-toluidine	5.0	U
297-97-2	Thionazin	5.0	U
100-01-6	4-Nitroaniline	5.0	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
122-39-4	Diphenylamine	5.0	U
103-33-3	Azobenzene	5.0	U
3689-24-5	Sulfotep	5.0	U
2303-16-4	Diallate	5.0	U
101-55-3	4-Bromophenyl Phenyl Ether	5.0	U
99-35-4	1,3,5-Trinitrobenzene	5.0	U
298-02-2	Phorate	5.0	U
62-44-2	Phenacetin	5.0	U
118-74-1	Hexachlorobenzene	5.0	U
60-51-5	Dimethoate	5.0	U
2243-47-2	4-Aminobiphenyl	5.0	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	5.0	U
23950-58-5	Pronamide	5.0	U
85-01-8	Phenanthrene	5.0	U
120-12-7	Anthracene	5.0	U
298-04-4	Disulfoton	5.0	U
88-85-7	Dinoseb	20	U
86-74-8	Carbazole	5.0	U
298-00-0	Methyl Parathion	20	U
84-74-2	Di-n-butyl Phthalate	5.0	U
56-57-4	4-Nitroquinoline-1-oxide	20	U
56-38-2	Parathion	20	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-13AAUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002691

Matrix: (soil/water) WATER Lab Sample ID: J2002679-009

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0908-25

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/10/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-80-5	Methapyrilene	5.0	U
465-73-6	Isodrin	5.0	U
206-44-0	Fluoranthene	5.0	U
92-87-5	Benzidine	20	U
129-00-0	Pyrene	5.0	U
60-11-7	p-Dimethylaminoazobenzene	5.0	U
510-15-6	Chlorobenzilate	5.0	U
119-93-7	3,3'-Dimethylbenzidine	5.0	U
52-85-7	Famphur	20	U
85-68-7	Butyl Benzyl Phthalate	5.0	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	5.0	U
91-94-1	3,3'-Dichlorobenzidine	5.0	U
56-55-3	Benz(a)anthracene	5.0	U
218-01-9	Chrysene	5.0	U
117-84-0	Di-n-octyl Phthalate	5.0	U
117-81-7	Bis(2-Ethylhexyl) Phthalate	5.0	U
205-99-2	Benzo(b)fluoranthene	5.0	U
207-08-9	Benzo(k)fluoranthene	5.0	U
57-97-6	7,12-Dimethylbenz(a)anthrace	5.0	U
50-32-8	Benzo(a)pyrene	5.0	U
56-49-5	3-Methylcholanthrene	5.0	U
70-30-4	Hexachlorophene	500	U
224-42-0	Dibenz(a,j)acridine	5.0	U
193-39-5	Indeno(1,2,3-cd)pyrene	5.0	U
53-70-3	Dibenz(a,h)anthracene	5.0	U
191-24-2	Benzo(g,h,i)perylene	5.0	U
140-57-8	Total Aramite	5.0	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-11AAUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002691

Matrix: (soil/water) WATER Lab Sample ID: J2002679-011

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0908-26

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/10/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	5.0	U
62-75-9	N-Nitrosodimethylamine	5.0	U
109-06-8	2-Picoline	5.0	U
10595-95-6	N-Nitroso-n-methylethylamine	5.0	U
66-27-3	Methyl Methanesulfonate	5.0	U
55-18-5	N-Nitrosodiethylamine	5.0	U
62-50-0	Ethyl Methanesulfonate	5.0	U
76-01-7	Pentachloroethane	5.0	U
62-53-3	Aniline	5.0	U
108-95-2	Phenol	5.0	U
111-44-4	Bis(2-Chloroethyl) Ether	5.0	U
95-57-8	2-Chlorophenol	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
100-51-6	Benzyl Alcohol	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
39638-32-9	Bis(2-chloroisopropyl) Ether	5.0	U
95-48-7	2-Methylphenol (o-Cresol)	5.0	U
621-64-7	N-Nitrosodi-n-propylamine	5.0	U
95-53-4	o-Toluidine	20	U
98-86-2	Acetophenone	5.0	U
930-55-2	N-Nitrosopyrrolidine	5.0	U
59-89-2	N-Nitrosomorpholine	5.0	U
106-44-5	3 and 4-Methylphenol Coeluti	5.0	U
67-72-1	Hexachloroethane	5.0	U
98-95-3	Nitrobenzene	5.0	U
100-75-4	n-Nitrosopiperidine	5.0	U
78-59-1	Isophorone	5.0	U
88-75-5	2-Nitrophenol	5.0	U
105-67-9	2,4-Dimethylphenol	5.0	U
111-91-1	bis(2-Chloroethoxy)methane	5.0	U
126-68-1	o,o,o-Triethylphosphorothioa	5.0	U
65-85-0	Benzoic Acid	20	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-11AAUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002691

Matrix: (soil/water) WATER Lab Sample ID: J2002679-011

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0908-26

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 08/16/00

Concentrated Extract Volume: 1 (mL) Date Analyzed: 09/10/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
120-83-2	2,4-Dichlorophenol	5.0	U
----------	a,a-Dimethylphenethylamine	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U
106-47-8	4-Chloroaniline	5.0	U
87-65-0	2,6-Dichlorophenol	5.0	U
1888-71-7	Hexachloropropene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
106-50-3	p-Phenylenediamine	5.0	U
924-16-3	N-Nitrosodi-n-butylamine	5.0	U
59-50-7	4-Chloro-3-Methylphenol	5.0	U
94-59-7	Safrole	5.0	U
91-57-6	2-Methylnaphthalene	5.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	5.0	U
77-47-4	Hexachlorocyclopentadiene	5.0	U
88-06-2	2,4,6-Trichlorophenol	5.0	U
95-95-4	2,4,5-Trichlorophenol	5.0	U
91-58-7	2-Chloronaphthalene	5.0	U
120-58-1	Isosafrole	5.0	U
90-13-1	1-Chloronaphthalene	5.0	U
88-74-4	2-Nitroaniline	5.0	U
130-15-4	1,4-Naphthoquinone	20	U
131-11-3	Dimethyl Phthalate	5.0	U
99-65-0	1,3-Dinitrobenzene	5.0	U
208-96-8	Acenaphthylene	5.0	U
606-20-2	2,6-Dinitrotoluene	5.0	U
99-09-2	3-Nitroaniline	5.0	U
83-32-9	Acenaphthene	5.0	U
51-28-5	2,4-Dinitrophenol	20	U
132-64-9	Dibenzofuran	5.0	U
608-93-5	Pentachlorobenzene	5.0	U
100-02-7	4-Nitrophenol	20	U
121-14-2	2,4-Dinitrotoluene	5.0	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-11AAUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002691

Matrix: (soil/water) WATER Lab Sample ID: J2002679-011

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0908-26

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/10/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-59-8	2-Naphthylamine	5.0	U
134-32-7	1-Naphthylamine	5.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	5.0	U
84-66-2	Diethyl Phthalate	5.2	
86-73-7	Fluorene	5.0	U
7005-72-3	4-Chlorophenyl Phenyl Ether	5.0	U
99-55-8	5-Nitro-o-toluidine	5.0	U
297-97-2	Thionazin	5.0	U
100-01-6	4-Nitroaniline	5.0	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
122-39-4	Diphenylamine	5.0	U
103-33-3	Azobenzene	5.0	U
3689-24-5	Sulfotep	5.0	U
2303-16-4	Diallate	5.0	U
101-55-3	4-Bromophenyl Phenyl Ether	5.0	U
99-35-4	1,3,5-Trinitrobenzene	5.0	U
298-02-2	Phorate	5.0	U
62-44-2	Phenacetin	5.0	U
118-74-1	Hexachlorobenzene	5.0	U
60-51-5	Dimethoate	5.0	U
2243-47-2	4-Aminobiphenyl	5.0	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	5.0	U
23950-58-5	Pronamide	5.0	U
85-01-8	Phenanthrene	5.0	U
120-12-7	Anthracene	5.0	U
298-04-4	Disulfoton	5.0	U
88-85-7	Dinoseb	20	U
86-74-8	Carbazole	5.0	U
298-00-0	Methyl Parathion	20	U
84-74-2	Di-n-butyl Phthalate	5.0	U
56-57-4	4-Nitroquinoline-1-oxide	20	U
56-38-2	Parathion	20	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-11AAUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002691

Matrix: (soil/water) WATER Lab Sample ID: J2002679-011

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0908-26

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/10/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-80-5	Methapyrilene	5.0	U
465-73-6	Isodrin	5.0	U
206-44-0	Fluoranthene	5.0	U
92-87-5	Benzidine	20	U
129-00-0	Pyrene	5.0	U
60-11-7	p-Dimethylaminoazobenzene	5.0	U
510-15-6	Chlorobenzilate	5.0	U
119-93-7	3,3'-Dimethylbenzidine	5.0	U
52-85-7	Famphur	20	U
85-68-7	Butyl Benzyl Phthalate	5.0	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	5.0	U
91-94-1	3,3'-Dichlorobenzidine	5.0	U
56-55-3	Benz(a)anthracene	5.0	U
218-01-9	Chrysene	5.0	U
117-84-0	Di-n-octyl Phthalate	5.0	U
117-81-7	Bis(2-Ethylhexyl) Phthalate	5.0	U
205-99-2	Benzo(b)fluoranthene	5.0	U
207-08-9	Benzo(k)fluoranthene	5.0	U
57-97-6	7,12-Dimethylbenz(a)anthrace	5.0	U
50-32-8	Benzo(a)pyrene	5.0	U
56-49-5	3-Methylcholanthrene	5.0	U
70-30-4	Hexachlorophene	500	U
224-42-0	Dibenz(a,j)acridine	5.0	U
193-39-5	Indeno(1,2,3-cd)pyrene	5.0	U
53-70-3	Dibenz(a,h)anthracene	5.0	U
191-24-2	Benzo(g,h,i)perylene	5.0	U
140-57-8	Total Aramite	5.0	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-1
3AAUG 00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-009

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0818-09

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 08/18/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin Ketone	0.10	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-1
1AAUG 00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-011

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0818-10

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 08/18/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin Ketone	0.10	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-1
3AAUG 00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-009

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0818-19

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 08/18/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2------	Aroclor 1016/1242	1.0	U
11104-28-2------	Aroclor 1221	1.0	U
11141-16-5------	Aroclor 1232	1.0	U
12672-29-6------	Aroclor 1248	1.0	U
11097-69-1------	Aroclor 1254	1.0	U
11096-82-5------	Aroclor 1260	1.0	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

JA Jones SAMPLE NO.

KBA-11-1
1AAUG 00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: J2002679

Matrix: (soil/water) WATER Lab Sample ID: J2002679-011

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0818-20

Level: (low/med) LOW Date Received: 08/11/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:08/16/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 08/18/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2------	Aroclor 1016/1242	1.0	U
11104-28-2------	Aroclor 1221	1.0	U
11141-16-5------	Aroclor 1232	1.0	U
12672-29-6------	Aroclor 1248	1.0	U
11097-69-1------	Aroclor 1254	1.0	U
11096-82-5------	Aroclor 1260	1.0	U

FORM I OTHER

Columbia Analytical Services, Inc.

TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

KBA-11-13A AUG00

Contract: Water Analysis

Lab Code: JAX Case No.: SAS No.: SDG NO.: J2002679

Matrix (soil/water): WATER Lab Sample ID: J2002679-009

Level (low/med): LOW Date Received: 8/11/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.289	B		MS
7440-38-2	Arsenic	1.410	B		MS
7440-39-3	Barium	74.8			MS
7440-41-7	Beryllium	0.022	B		MS
7440-43-9	Cadmium	0.020	U		MS
7440-47-3	Chromium	1.940	B		MS
7440-48-4	Cobalt	0.148	B		MS
7440-50-8	Copper	0.493	B		MS
7439-92-1	Lead	0.044	B		MS
7439-97-6	Mercury	0.03	U		CV
7440-02-0	Nickel	3.480		N	MS
7782-49-2	Selenium	2.110		N	MS
7440-22-4	Silver	0.036	B		MS
7440-28-0	Thallium	0.010	U		MS
7440-31-5	Tin	0.224	B		MS
7440-62-2	Vanadium	5.070			MS
7440-66-6	Zinc	1.990	B		MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services, Inc.

TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

KBA-11-11A AUG00

Contract: Water Analysis

Lab Code: JAX Case No.: SAS No.: SDG NO.: J2002679

Matrix (soil/water): WATER Lab Sample ID: J2002679-011

Level (low/med): LOW Date Received: 8/11/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	0.150	B		MS
7440-38-2	Arsenic	0.318	B		MS
7440-39-3	Barium	10.4			MS
7440-41-7	Beryllium	0.024	B		MS
7440-43-9	Cadmium	0.020	U		MS
7440-47-3	Chromium	0.604	B		MS
7440-48-4	Cobalt	0.015	B		MS
7440-50-8	Copper	1.550	B		MS
7439-92-1	Lead	0.058	B		MS
7439-97-6	Mercury	0.03	U		CV
7440-02-0	Nickel	0.363	B	N	MS
7782-49-2	Selenium	0.677	B	N	MS
7440-22-4	Silver	0.005	U		MS
7440-28-0	Thallium	0.010	U		MS
7440-31-5	Tin	0.170	U		MS
7440-62-2	Vanadium	0.715	B		MS
7440-66-6	Zinc	1.160	B		MS

lor Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	JA Jones Management Services	**Service Request:**	J2002679
Project:	Water Analysis	**Date Collected:**	8/9/00
Sample Matrix:	Ground Water	**Date Received:**	8/11/00

Inorganic Parameters

Sample Name: KBA-11-13A AUG 00
Lab Code: J2002679-009 Basis: NA
Test Notes:

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Cyanide, Total	mg/L (ppm)	9010B	0.005	0.0006	1	8/22/00	8/23/00	0.0008	J

J Estimated concentration. The value is less than the MRL, but greater than the method detection limit.

Approved By: Tom D. Hassinger Date: 9/14/00

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	JA Jones Management Services	**Service Request:**	J2002679
Project:	Water Analysis	**Date Collected:**	8/9/00
Sample Matrix:	Ground Water	**Date Received:**	8/11/00

Inorganic Parameters

Sample Name: KBA-11-11A AUG 00
Lab Code: J2002679-011 Basis: NA
Test Notes:

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Cyanide, Total	mg/L (ppm)	9010B	0.005	0.0006	1	8/22/00	8/23/00	U	

U Not detected at or above the MRL.

Approved By: Tom D. Hissinger Date: 9/14/00

1D

HERBICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KBA-11-1
1A AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: CAS

Lab Code: 10145 Case No.: R2-3337 SAS No.: SDG No.: KBA-11-13A

Matrix: (soil/water) WATER Lab Sample ID: 400976 1.0

Sample wt/vol: 1000 (g/mL) ML Lab File ID: CT968

% Moisture: _____ decanted: (Y/N)___ Date Received: 08/12/00

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/15/00

Concentrated Extract Volume: 10(mL) Date Analyzed: 08/22/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
94-75-7	2,4-D	0.50	U
93-72-1	2,4,5-TP (Silvex)	0.50	U
93-76-5	2,4,5-T	0.50	U
88-85-7	Dinoseb	2.0	U

1D
HERBICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KBA-11-1
3A AUG00

Lab Name: COLUMBIA ANALYTICAL SERVI Contract: CAS

Lab Code: 10145 Case No.: R2-3337 SAS No.: SDG No.: KBA-11-13A

Matrix: (soil/water) WATER Lab Sample ID: 400975 1.0

Sample wt/vol: 1000 (g/mL) ML Lab File ID: CT967

% Moisture: _____ decanted: (Y/N)___ Date Received: 08/12/00

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/15/00

Concentrated Extract Volume: 10 (mL) Date Analyzed: 08/22/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
94-75-7	2,4-D	0.50	U
93-72-1	2,4,5-TP (Silvex)	0.50	U
93-76-5	2,4,5-T	0.50	U
88-85-7	Dinoseb	2.0	U

CERTIFICATE OF ANALYSIS
No. 204428-001

Project Information:

Client: CAS

Project Manager: Greg Grandits

Project Name:

Project ID:

Project Location:

Field Sample ID: KBA-11-13A

Lab ID No.: 204428-001

Date Sampled: NA

Date Received: NA

Sample Matrix: Liquid

Date Extracted: 08-18-00

Time Extracted: 14:00 ARM

Date Analyzed: 08-19-00

Time Analyzed: 17:41 MM

Analytical Method: METHOD 8280, Dioxins & Furans

Analyte	Result ppb (Moisture corrected)	Retention (minutes)	LOD (ppb)	Mass Ratio	QC Limits
2,3,7,8-TCDD	ND	0.00	0.010	---	0.65-0.89
1,2,3,7,8-PeCDD	ND	0.00	0.026	---	0.55-0.75
1,2,3,4,7,8-HxCDD	ND	0.00	0.026	---	0.69-0.93
1,2,3,6,7,8-HxCDD	ND	0.00	0.026	---	0.69-0.93
1,2,3,7,8,9-HxCDD	ND	0.00	0.026	---	0.69-0.93
1,2,3,4,6,7,8-HpCDD	ND	0.00	0.026	---	0.83-1.12
OCDD	ND	0.00	0.050	---	0.75-1.01
2,3,7,8-TCDF	ND	0.00	0.010	---	0.65-0.89
1,2,3,7,8-PeCDF	ND	0.00	0.026	---	0.55-0.75
2,3,4,7,8-PeCDF	ND	0.00	0.026	---	0.55-0.75
1,2,3,4,7,8-HxCDF	ND	0.00	0.026	---	0.69-0.93
1,2,3,6,7,8-HxCDF	ND	0.00	0.026	---	0.69-0.93
2,3,4,6,7,8-HxCDF	ND	0.00	0.026	---	0.69-0.93
1,2,3,7,8,9-HxCDF	ND	0.00	0.026	---	0.69-0.93
1,2,3,4,6,7,8-HpCDF	ND	0.00	0.026	---	0.83-1.12
1,2,3,4,7,8,9-HpCDF	ND	0.00	0.026	---	0.83-1.12
OCDF	ND	0.00	0.050	---	0.75-1.01
Total TCDD	ND				
Total PeCDD	ND				
Total HxCDD	ND				
Total HpCDD	ND				
Total TCDF	ND				
Total PeCDF	ND				
Total HxCDF	ND				
Total HpCDF	ND				

Sample Size: 1000 ml. Concentration Factor: 10000

CAS :\V446\204428-001

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Eddie L. Clemons, II
QA/QC Manager

CERTIFICATE OF ANALYSIS
No. 204428-001

Project Information:

Client: CAS
Project Name:
Project Location:

Project Manager: Greg Grandits
Project ID:

Field Sample ID:	KBA-11-13A

Lab ID No.: 204428-001
Date Sampled: NA
Date Received: NA
Sample Matrix: Liquid

Date Extracted: 08-18-00
Time Extracted: 14:00 ARM
Date Analyzed: 08-19-00
Time Analyzed: 17:41 MM

QUALITY CONTROL

Internal Standards	% Recovery	QC Limits	Retent Time	Mass Ratio	QC Limits
2,3,7,8-TCDD(13C12)	68.17	40%-120%	27.96	0.75	0.65-0.89
2,3,7,8-TCDF(13C12)	66.88	40%-120%	27.08	0.83	0.65-0.89
1,2,3,6,7,8-HxCDD(13C12)	73.05	40%-120%	37.63	0.80	0.69-0.93
1,2,3,4,6,7,8-HpCDF(13C12)	65.52	40%-120%	39.78	0.92	0.83-1.12
OCDD(13C12)	72.59	25%-120%	44.39	0.91	0.75-1.01
Cleanup Standard					
2,3,7,8-TCDD(37CL4)	56.60	40%-120%	27.99		
Recovery Standards					
1,2,3,4-TCDD(13C12)	---	---	27.31	0.78	0.65-0.89
1,2,3,7,8,9-HxCDD(13C12)	---	---	37.91	0.76	0.69-0.93

CAS .W,446,204428-001
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CERTIFICATE OF ANALYSIS
No. 204428-001

Project Information:

Client: CAS
Project Name:
Project Location:

Project Manager: Greg Grandits
Project ID:

Field Sample ID:	KBA-11-13A

Lab ID No.: 204428-001
Date Sampled: NA
Date Received: NA
Sample Matrix: Liquid

Date Extracted: 08-18-00
Time Extracted: 14:00 ARM
Date Analyzed: 08-19-00
Time Analyzed: 17:41 MM

TOTAL 2,3,7,8-TCDD TOXICITY (1989 ITF) EQUIVALENCE: 0.00000 ppb

Analytes	Result ppb (Moisture corrected)		TEF		
2,3,7,8-TCDD	ND	x	1	=	0
1,2,3,7,8-PeCDD	ND	x	0.5	=	0
1,2,3,4,7,8-HxCDD	ND	x	0.1	=	0
1,2,3,6,7,8-HxCDD	ND	x	0.1	=	0
1,2,3,7,8,9-HxCDD	ND	x	0.1	=	0
1,2,3,4,6,7,8-HpCDD	ND	x	0.01	=	0
OCDD	ND	x	0.001	=	0
2,3,7,8-TCDF	ND	x	0.1	=	0
1,2,3,7,8-PeCDF	ND	x	0.05	=	0
2,3,4,7,8-PeCDF	ND	x	0.5	=	0
1,2,3,4,7,8-HxCDF	ND	x	0.1	=	0
1,2,3,6,7,8-HxCDF	ND	x	0.1	=	0
2,3,4,6,7,8-HxCDF	ND	x	0.1	=	0
1,2,3,7,8,9-HxCDF	ND	x	0.1	=	0
1,2,3,4,6,7,8-HpCDF	ND	x	0.01	=	0
1,2,3,4,7,8,9-HpCDF	ND	x	0.01	=	0
OCDF	ND	x	0.001	=	0

CAS .W.446 204428-001
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CERTIFICATE OF ANALYSIS
No. 204428-002

Project Information:

Client: CAS
Project Manager: Greg Grandits
Project Name:
Project ID:
Project Location:

Field Sample ID: KBA-11-11A

Lab ID No.: 204428-002
Date Sampled: NA
Date Received: NA
Sample Matrix: Liquid

Date Extracted: 08-18-00
Time Extracted: 14:15 ARM
Date Analyzed: 08-19-00
Time Analyzed: 18:34 MM

Analytical Method: METHOD 8280, Dioxins & Furans

Analyte	Result ppb (Moisture corrected)	Retention (minutes)	LOD (ppb)	Mass Ratio	QC Limits
2,3,7,8-TCDD	ND	0.00	0.010	---	0.65-0.89
1,2,3,7,8-PeCDD	ND	0.00	0.026	---	0.55-0.75
1,2,3,4,7,8-HxCDD	ND	0.00	0.026	---	0.69-0.93
1,2,3,6,7,8-HxCDD	ND	0.00	0.026	---	0.69-0.93
1,2,3,7,8,9-HxCDD	ND	0.00	0.026	---	0.69-0.93
1,2,3,4,6,7,8-HpCDD	ND	0.00	0.026	---	0.83-1.12
OCDD	ND	0.00	0.050	---	0.75-1.01
2,3,7,8-TCDF	ND	0.00	0.010	---	0.65-0.89
1,2,3,7,8-PeCDF	ND	0.00	0.026	---	0.55-0.75
2,3,4,7,8-PeCDF	ND	0.00	0.026	---	0.55-0.75
1,2,3,4,7,8-HxCDF	ND	0.00	0.026	---	0.69-0.93
1,2,3,6,7,8-HxCDF	ND	0.00	0.026	---	0.69-0.93
2,3,4,6,7,8-HxCDF	ND	0.00	0.026	---	0.69-0.93
1,2,3,7,8,9-HxCDF	ND	0.00	0.026	---	0.69-0.93
1,2,3,4,6,7,8-HpCDF	ND	0.00	0.026	---	0.83-1.12
1,2,3,4,7,8,9-HpCDF	ND	0.00	0.026	---	0.83-1.12
OCDF	ND	0.00	0.050	---	0.75-1.01
Total TCDD	ND				
Total PeCDD	ND				
Total HxCDD	ND				
Total HpCDD	ND				
Total TCDF	ND				
Total PeCDF	ND				
Total HxCDF	ND				
Total HpCDF	ND				

Sample Size: 1000 ml. Concentration Factor: 10000

CAS ,W446,204428-002
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Eddie L. Clemens, II
QA/QC Manager

CERTIFICATE OF ANALYSIS
No. 204428-002

Project Information:

Client: CAS
Project Name:
Project Location:

Project Manager: Greg Grandits
Project ID:

Field Sample ID:	KBA-11-11A

Lab ID No.: 204428-002
Date Sampled: NA
Date Received: NA
Sample Matrix: Liquid

Date Extracted: 08-18-00
Time Extracted: 14:15 ARM
Date Analyzed: 08-19-00
Time Analyzed: 18:34 MM

QUALITY CONTROL

Internal Standards	% Recovery	QC Limits	Retent Time	Mass Ratio	QC Limits
2,3,7,8-TCDD(13C12)	64.57	40%-120%	27.94	0.81	0.65-0.89
2,3,7,8-TCDF(13C12)	65.77	40%-120%	27.05	0.85	0.65-0.89
1,2,3,6,7,8-HxCDD(13C12)	70.13	40%-120%	37.62	0.78	0.69-0.93
1,2,3,4,6,7,8-HpCDF(13C12)	65.66	40%-120%	39.78	0.92	0.83-1.12
OCDD(13C12)	70.61	25%-120%	44.38	0.97	0.75-1.01
Cleanup Standard					
2,3,7,8-TCDD(37CL4)	55.56	40%-120%	27.96		
Recovery Standards					
1,2,3,4-TCDD(13C12)	---	---	27.28	0.82	0.65-0.89
1,2,3,7,8,9-HxCDD(13C12)	---	---	37.90	0.76	0.69-0.93

CAS .W.446.204428-002
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CERTIFICATE OF ANALYSIS
No. 204428-002

Project Information:

Client: CAS
Project Name:
Project Location:

Project Manager: Greg Grandits
Project ID:

Field Sample ID:	KBA-11-11A

Lab ID No.: 204428-002
Date Sampled: NA
Date Received: NA
Sample Matrix: Liquid

Date Extracted: 08-18-00
Time Extracted: 14:15 ARM
Date Analyzed: 08-19-00
Time Analyzed: 18:34 MM

TOTAL 2,3,7,8-TCDD TOXICITY (1989 ITF) EQUIVALENCE: 0.00000 ppb

Analytes	Result ppb (Moisture corrected)		TEF		
2,3,7,8-TCDD	ND	x	1	=	0
1,2,3,7,8-PeCDD	ND	x	0.5	=	0
1,2,3,4,7,8-HxCDD	ND	x	0.1	=	0
1,2,3,6,7,8-HxCDD	ND	x	0.1	=	0
1,2,3,7,8,9-HxCDD	ND	x	0.1	=	0
1,2,3,4,6,7,8-HpCDD	ND	x	0.01	=	0
OCDD	ND	x	0.001	=	0
2,3,7,8-TCDF	ND	x	0.1	=	0
1,2,3,7,8-PeCDF	ND	x	0.05	=	0
2,3,4,7,8-PeCDF	ND	x	0.5	=	0
1,2,3,4,7,8-HxCDF	ND	x	0.1	=	0
1,2,3,6,7,8-HxCDF	ND	x	0.1	=	0
2,3,4,6,7,8-HxCDF	ND	x	0.1	=	0
1,2,3,7,8,9-HxCDF	ND	x	0.1	=	0
1,2,3,4,6,7,8-HpCDF	ND	x	0.01	=	0
1,2,3,4,7,8,9-HpCDF	ND	x	0.01	=	0
OCDF	ND	x	0.001	=	0

CAS :W.446.204428-002
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