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QUARTERLY MONITORING REPORT

OPERABLE UNIT NO. 2 - SITES 6 AND 82
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

REPORTING PERIOD OCTOBER 1997 - DECEMBER 1997

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TABLE OF CONTENTS

ATTACHMENTS

LIST OF TABLES

LIST OF FIGURES

QUARTERLY MONITORING REPORT

The quarterly monitoring report which follows presents a summary of sampling activities, field observations, analytical results, and significant findings which pertain to the monitoring program and groundwater treatment system at Operable Unit (OU) No. 2 (Sites 6 and 82), Marine Corps Base (MCB), Camp Lejeune, North Carolina. Conclusions and recommendations regarding the monitoring program and groundwater treatment system are also presented within this report.

Quarterly monitoring activities at OU No. 2 commenced October 23, 1997 and concluded October 30, 1997. Groundwater samples at Sites 6 and 82 were obtained from 12 shallow monitoring wells and 16 deep monitoring wells. Figure 1 depicts all shallow and deep groundwater monitoring wells at Sites 6 and 82. [Note that all tables and figures are provided after the text portion of this report.]

Sampling activities were conducted and subsequent laboratory analyses were performed according to procedures and methods specified in the Long-Term Monitoring Work Plans for OU No. 2 (Baker, 1996). The project work plans identify a select number of monitoring wells at Sites 6 and 82 for which continued periodic sampling is required. Figure 2 depicts the locations of wells included in the monitoring program; Table 1 provides construction details of the monitoring wells. As stipulated in the project work plans, measurements of pH, specific conductance, dissolved oxygen, temperature, and turbidity were recorded prior to sampling. Summaries of all groundwater field parameters are provided in Table 2.

The monitoring program at Sites 6 and 82 was implemented to assess whether contamination, detected during previous investigations, remains present, has migrated, has degraded through natural processes, or has been eliminated through groundwater extraction. Based upon previous analytical results and decision documents, Target Compound List (TCL) volatiles and Target Analyte List (TAL) metals were identified as contaminants of concern. Table 3 provides a summary of requested laboratory analyses and sample identifications.

Sample information, including well number, sample identification, time and date of sample collection, samplers, analytical parameters, and required laboratory turnaround time was recorded in a field logbook and on sample labels. Chain-of-custody documentation, provided in Attachment A, accompanied the samples to the laboratory.

Groundwater Elevation and Flow Direction

The following provides information concerning groundwater flow patterns at Sites 6 and 82. Water level measurements were obtained on October 29, 1997 and are provided in Table 4. The groundwater elevations and groundwater flow directions in the surficial and deep aquifers are presented separately.

Surficial Aquifer

Figure 3 depicts the static elevations and approximate flow direction of groundwater in the surficial aquifer at Sites 6 and 82. Groundwater flow within the surficial aquifer is influenced by natural surface features, nearby drainages, and Wallace Creek, which lies immediately to the north. In general, the pattern of groundwater flow in the surficial aquifer mimics that of ground surface topography. Groundwater within the surficial aquifer tends to flow north-northwest toward Wallace Creek from Site 82.

Deep Aquifer

Figure 4 depicts the static elevations and approximate flow direction of groundwater within the deep aquifer, referred to as the Castle Hayne Aquifer. As presented in Figure 4, groundwater in the deep aquifer tends to flow inward toward a network of groundwater recovery wells. The four deep recovery wells were constructed to remove groundwater from depths of 95 to 120 feet below ground surface. Contaminated groundwater is actively being extracted from the central portion of Site 82 via the four deep recovery wells. The recovery wells appear to have impacted the local flow pattern, creating an area of lesser potentiometric elevation, or a zone of influence.

Field Observations

The following field observations were noted during the most recent quarterly sampling event at Sites 6 and 82. Recommendations concerning the field observations which follow are presented later within this report.

Monitoring wells installed at Sites 6 and 82 during the 1986 Confirmation Study have begun to exhibit signs of deterioration. Turbidity readings, obtained during sampling activities, suggest that soil material from the surrounding formation has begun to infiltrate the well screens and sand packs of older monitoring wells. Less than ideal sampling conditions may result when consistent readings of greater than 50 nephlometric turbidity units (NTUs) in groundwater are obtained. In general, it is preferable that groundwater samples be collected after turbidity readings stabilize at less than 10 NTUs. Elevated turbidity readings are particularly of concern when groundwater samples are submitted for metal analyses; naturally-occurring metals which adhere to soil particles are frequently reflected among groundwater analytical results. Future sampling results will be used to determine if corrective measures will be required.

In addition to subsurface deterioration, many of the monitoring wells are in need of above-ground maintenance. Paint on bollards and protective casings of many wells has begun to peel and rust is present. The usability and security of monitoring wells should be addressed if they are to be utilized as groundwater sampling points in the future.

ANALYTICAL RESULTS AND FINDINGS

The section which follows presents analytical results and findings from sampling performed at Sites 6 and 82 during the fourth calendar quarter of 1997. A summary of all analytical results compiled during the sampling event are presented in Attachment B and corresponding laboratory data sheets are provided in Attachment C.

Three trip blanks were prepared prior to the sampling event. The trip blanks accompanied all groundwater samples during field collection, shipment, and laboratory analysis. As provided in Table 5, methylene chloride was detected at concentrations of 1.0 and 1.2 micrograms per liter (µg/L) in two of the trip blank samples. There were no other detections of any organic compounds among the trip blank samples.

Volatile Organic Compounds

Volatile organic compounds (VOCs) were detected among a limited number of groundwater samples obtained from the uppermost portion of the surficial aquifer (i.e., less than 30 feet below ground surface) and the uppermost portion of the deep aquifer (i.e., between 95 and 115 feet below ground surface). A summary of groundwater analytical results is provided in Table 6 and a positive detection summary of all analytical results is presented in Table 7. The approximate horizontal extent of VOC plumes in the shallow and deep aquifers are presented in Figures 5 and 6, respectively.

Conditions within the upper portion of the surficial aquifer were evaluated at Sites 6 and 82 through collection and analysis of groundwater samples from 12 shallow monitoring wells (refer to Table 1 for well construction details and Figure 2 for well locations). Groundwater samples were also obtained from 11 deep monitoring wells with screened intervals set in the uppermost portion of the deep aquifer, at depths ranging from 95 to 155 feet below ground surface. In addition, groundwater samples were also collected from five monitoring wells with screened intervals set from 230 to 275 feet below ground surface. Each of the 28 groundwater samples were submitted for volatile, metal, dissolved solid, and suspended solid analyses.

The analytical data suggest that there are two areas of contamination in the shallow aquifer and one area of contamination in the uppermost portion of the deep aquifer. As presented in Figures 5 and 6, the horizontal location of VOC contamination in the deep aquifer generally coincides with similar contaminants found in the shallow aquifer. The horizontal extent of contamination in the deep aquifer is larger, however. As depicted in Figures 5 and 6, the shallow and deep VOC plumes are situated within Site 82 and tend in the direction of groundwater flow (refer to Figures 3 and 4). An additional area of shallow groundwater contamination is situated at shallow monitoring well GW16. Figure 5 presents an approximate extent of horizontal contamination at GW16, because there are no additional shallow monitoring wells situated nearby with which to compare results.

A total of eight VOCs were detected among samples associated with the shallow and deep contaminant plumes. As depicted in Figure 5, significant VOC detections in the shallow aquifer were limited to samples obtained from monitoring wells GW01, GW16, GW28, GW32, GW33, and GW34. Among groundwater samples obtained from the deep aquifer, significant VOC detections were limited to monitoring wells GW01D, GW01DA, GW27DW, GW28DW, and GW37D. The sample obtained from well GW01D exhibited the highest concentrations of four VOCs identified. As presented in Table 6, vinyl chloride, 1,2-dichloroethene (total), tetrachloroethene, and trichloroethene were detected in the sample obtained from well GW01D at concentrations of 540, 36,000, 1,600, and 140,000 µg/L, respectively. Chlorobenzene, 1,1,2-trichloroethane, benzene, and 1,1,2,2-tetrachloroethane were detected at maximum concentrations of 6,300, 45, 7.8, and 8,500 µg/L in samples obtained from shallow monitoring wells GW16, GW34, GW37, and GW34, respectively. Each VOC detection exceeded the applicable North Carolina Water Quality Standard (NCWQS) and the Federal Maximum Contaminant Level (MCL); there are no applicable standards for 1,1,2,2-tetrachloroethane.

As depicted in Figures 5 and 6, detected concentrations of VOCs in the deep aquifer are significantly higher than concentrations of the same compounds detected in the shallow aquifer. These analytical results suggest that the identified VOCs have migrated from the uppermost portion of the surficial aquifer to the deeper aquifer, with significant vertical and horizontal migration. The data also suggest that these compounds may have begun to migrate to depths below 120 feet below ground surface within the deep aquifer. Trichloroethene was detected at an estimated concentration of 2.1 µg/L in

the groundwater sample obtained from monitoring well GW01DA, which is screened from 220 to 230 feet below ground surface. Future sampling results will be used to confirm the presence of VOCs among groundwater samples obtained from depths greater than 150 feet below ground surface.

Metals

As presented in Tables 6 and 7, metals were detected in each of the groundwater samples submitted for analysis. As presented in Figure 7, aluminum, cadmium, iron, and manganese were the only metals detected at concentrations which exceeded either NCWQS or MCL. Aluminum was detected in 7 of the 28 groundwater samples at concentrations ranging from 356 to 4,330 µg/L, which exceeded the secondary MCL of 200 µg/L. Nine detections of iron exceeded the NCWQS of 300 µg/L. Iron was detected at concentrations ranging from 319 to 5,490 µg/L among the nine samples with concentrations which exceeded the NCWQS. Three manganese detections exceeded the NCWQS of 50 µg/L with concentrations ranging from 58 to 124 µg/L. Cadmium was detected only once among the 28 groundwater samples at a concentration of 5.8 µg/L which exceeded the NCWQS and MCL of 5.0 µg/L.

Metals have consistently been detected above applicable standards among groundwater samples obtained from Sites 6 and 82. Soils found within the coastal plain of North Carolina are naturally rich in metals, particularly iron and manganese. The observed concentrations of iron and manganese, and to a lesser extent aluminum, in groundwater may be due more to geologic conditions (i.e., naturally occurring metals bound to unconsolidated soil particles) and sample acquisition methods than to mobile metal concentrations in the aquifer. The presence of metals in groundwater is often the result of solids or colloids in the aqueous samples. The metals detected among groundwater samples obtained from the shallow aquifer may also be indicative of naturally occurring metals in the presence of acidic soils. Additional sampling will be required to confirm the presence and concentrations of various metals in groundwater at Sites 6 and 82.

Total Suspended and Dissolved Solids

Total suspended solid (TSS) and total dissolved solid (TDS) analyses were also performed for each of the 28 groundwater samples. Dissolved solids were detected in each of the groundwater samples at concentrations ranging from 79 to 1,500 milligrams per liter (mg/L). Suspended solids were also detected in each of the samples at concentrations ranging from 4 to 190 mg/L. Only two of the positive TDS concentrations exceeded the NCWQS of 500 mg/L

TREATMENT SYSTEM EVALUATION

A groundwater extraction and treatment system has been operating at OU No. 2 since January 1996. The system was designed to collect and treat contaminated groundwater from the central portion of Site 82 and to mitigate the potential for off-site contaminant migration. As depicted in Figure 8, the treatment system currently includes six shallow recovery wells (SRW01 through SRW06) and four deep recovery wells (DRW01 through DRW04). Contaminated groundwater extracted via the network of shallow and deep recovery wells is treated to an applicable treatment criteria, then either reused for backwash or plant service and finally discharged to Wallace Creek.

The eight major processes that comprise the treatment system include: groundwater feed storage and equalization; initial pH adjustment; solids and metals removal; final pH adjustment; solids filtration; air stripping; granular activated carbon adsorption; and treated effluent storage, reuse, and discharge.

The following assessment of treatment system components is based on monthly sampling results provided in Table 8 and monthly remedial system reports presented in Attachment D.

During the fourth calendar quarter of 1997, over 32 million gallons of contaminated groundwater were extracted and treated at OU No. 2. The treatment plant operated 1,842 hours, or 83 percent of the 2,208 hours possible. Maintenance, power outages, and a faulty flow indicator accounted for the 366 hours of total downtime during the quarter. All of the shallow and deep extraction wells remained operational throughout the evaluation period. The average rate at which groundwater was extracted and treated, while operational, was 291 gallons per minute (gpm). During the previous quarter an average extraction rate of 349 gpm was achieved.

The observed extraction rate of groundwater from similarly constructed shallow recovery wells (i.e., wells set less than 35 feet below ground surface), is typically between four and eight gpm. Based upon the assumed extraction rates of between four and eight gpm, it may be presumed that groundwater was extracted from the uppermost portion of the shallow aquifer at between 24 and 48 gpm. The total number of gallons recovered from the surficial aquifer, therefore, would be between 8 to 17 percent of the total volume extracted. Based upon the assumed extraction rates, the approximate rate at which deep groundwater was extracted would be between 243 and 267 gpm and would account for the remaining 83 to 92 percent of the total volume. The average rate of groundwater extraction from each of the four deep recovery wells, assuming a uniform extraction rate, would therefore be between 61 and 67 gpm.

The effect of active groundwater extraction from the deep aquifer is clearly evident in Figure 4. An area of lesser potentiometric elevation has been created at depths of 95 to 115 feet below ground surface, over an area of approximately 9 to 16 acres. The observed area of influence appears to include the most highly contaminated portion of the VOC plume in the deep aquifer, which suggests that contaminated groundwater in the deep aquifer is indeed being vigorously extracted (refer to Figure 6). Based upon observed shallow potentiometric elevations, the same may not be stated regarding the shallow aquifer however. Shallow recovery well SRW01 is located within the central portion of the shallow groundwater VOC plume, adjacent to monitoring well GW34. The most recent groundwater sample obtained from shallow monitoring well GW34 had over 9,000 µg/L of total VOCs. The remaining five shallow recovery wells are situated along the leading, downgradient edge of the shallow VOC plume (refer to Figure 5). The five shallow recovery wells are positioned to limit contaminant migration and intercept the VOC plume as it presumably travels in the direction of groundwater flow.

Monthly treatment system monitoring includes sample collection and analysis of plant influent, air stripper effluent, and plant effluent. Table 8 presents monthly sampling results obtained during October, November, and December of 1997. Plant influent is comprised of two separate components, groundwater extracted from the uppermost portion of the surficial aquifer and groundwater extracted from the deeper aquifer. Based upon constant input of an average influent concentration at the assumed extraction rates, approximately 47 and 2,629 pounds of volatile contaminants were extracted from the shallow and deep aquifers during the quarter, respectively. The average total influent concentrations of 1,383 µg/L and 11,203 µg/L from the shallow and deep aquifers were used to estimate the total weight of extracted contaminants.

Analytical results indicate that components of the treatment system are, for the most part, functioning effectively. Effluent samples obtained during each month of the quarter, however, had detections of trichloroethene which do not exceed the required effluent concentration of 92.4 µg/L. Trichloroethene

was detected at concentrations of 44, 53, and 57 µg/L in samples obtained from the plant effluent. With the exception of trichloroethene, it appears that the treatment system components are either reducing contamination to below the discharge limits or are eliminating contamination altogether. Effluent samples obtained in the future will be used to determine if any adjustments to the treatment process are necessary.

As presented in Table 8, influent to the plant contained the VOCs 1,2-dichloroethane, trans-1,2-dichloroethene, tetrachloroethene, trichloroethene, and vinyl chloride at concentrations exceeding applicable groundwater standards. In addition to VOCs, influent to the treatment plant contained metals, dissolved solids, and suspended solids. Barium, iron, and manganese were detected among samples obtained from the treatment system influent. As the results presented in Table 8 suggest, metals have also been reduced through treatment to levels below the applicable discharge limits.

RECOMMENDATIONS

The observations and findings presented in this quarterly report and a previous quarterly report, form the basis upon which the following recommendations are provided. If non-significant changes are made to a component of the selected remedy described in the ROD (Baker, 1993), the changes must be recorded in a post-decision document file. If significant changes are made to a component of the selected remedy, the changes will need to be presented in an Explanation of Significant Differences document. The sections which follow describe recommendations which recently have been implemented and recommendations which are proposed for future consideration.

Implemented Recommendations

Detailed information pertaining to the implemented recommendations which follow has been presented in a previous quarterly report. The final disposition of past recommendations is presented here to update information regarding the monitoring program. The intent of this report and future reports is to provide a thorough description of proposed recommendations and a brief listing of implemented actions.

Survey Coordinates Verified

A select number of monitoring wells and all recovery wells were recently field verified using a global positioning system (GPS). Although only accurate to within roughly a meter, the GPS system was employed to verify that the original survey coordinates were correct. As a result of the field verification, survey coordinates of three suspect monitoring wells were updated. In addition to monitoring and recovery wells, a limited amount of supplemental survey information was also obtained from the site. During the period from 1992 through 1996 several new structures, unimproved roads, utilities, and fences were added to the study area. The GPS system was employed to supplement existing survey information with the significant changes that have occurred.

Proposed Recommendations

Based upon the observations and findings presented within this quarterly report and a previous quarterly report, the following recommendations are provided.

Commence Recovery Well Sampling

In order to provide a more detailed assessment of treatment system efficiency in the future, it is recommended that each shallow and deep recovery well be sampled periodically. Discrete groundwater samples could be obtained from each recovery well via an existing relief valve. A permanent sampling port, capable of limiting the flow of groundwater from the pressurized system, will need to be installed in order to obtain representative samples. It is recommended that groundwater samples be obtained at least once quarterly and submitted for volatile organic analyses only. Contaminant concentrations in groundwater extracted from each recovery well could then be determined, providing a measure of recovery well efficiency.

Maintain Well Security and Aesthetics

Shallow monitoring wells that were installed during the confirmation 1986 Confirmation Study have begun to show signs of deterioration. The bollards and protective casings of several wells have developed peeling paint and rust. In addition, a number of padlocks used to secure the protective covers are either missing or no longer function properly. The usability and security of each monitoring well should be maintained if they are going to remain reliable groundwater sample collection points in the future. As suggested, the bollards and well casings should be painted with a weather resistant paint. New padlocks that operate with a universal key should also be installed, as needed.

REFERENCES

Baker Environmental, Inc. (Baker). September 1993. Record of Decision for Operable Unit No. 2 (Sites 6, 9, and 82). Final. Prepared for the Navy Atlantic Division Naval Facilities Engineering Command, Norfolk, Virginia.

Baker Environmental, Inc. (Baker). December 1996. Long-Term Monitoring Work Plans for Remedial Investigation Sites. Prepared for the Navy Atlantic Division Naval Facilities Engineering Command, Norfolk, Virginia.

TABLES

TABLE 1

SUMMARY OF WELL CONSTRUCTION DETAILS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

Well No.	Date Installed	Top of Casing Elevation (feet, msl)	Ground Surface Elevation (feet, msl)	Boring Depth (feet, bgs)	Well Depth (feet, bgs)	Screen Interval Depth (feet, bgs)	Sand Pack Interval Depth (feet, bgs)	Bentonite Interval Depth (feet, bgs)	Stick-Up (feet, ags)
06-GW01	10-21-86	35.18	32.7	25	25	5.0 - 25.0	3.0 - 25.0	2.0 - 3.0	2.48
06-GW01D	11-07-92	35.31	32.8	117	113	102.7 - 111.7	99.5 - 117.0	96.0 - 99.5	2.51
06-GW01DA	04-03-93	35.23	32.7	230	230	220.0 - 230.0	215.0 - 230.0	190.0 - 230.0	2.53
06-GW01DB	09-10-93	NA	NA	263	262	247.0 - 262.0	240.0 - 263.0	234.0 - 240.0	2.50
06-GW02DW	11-07-92	37.61	35.1	122	122	108.1 - 118.1	105.0 - 122.0	101.0 - 105.0	2.51
06-GW03	10-24-86	31.32	28.8	26	25	5.0 - 25.5	3.0 - 25.5	2.0 - 3.0	2.52
06-MW03D	03-31-93	35.18	34.2	202	118	97.6 - 117.6	94.0 - 118.0	898.0 - 94.0	0.98
06-GW15D	04-06-93	28.0	25.2	160	155	145.0 - 155.0	141.0 - 155.0	139.0 - 141.0	2.80
06-GW16	11-07-92	27.63	24.9	20	20	5.4 - 19.8	3.0 - 20.0	1.6 - 3.0	2.73
06-GW17	09-25-92	28.10	25.7	19	18	2.3 - 17.1	1.5 - 18.5	0.5 - 1.5	2.40
06-GW21	09-24-92	30.30	27.9	24	23	8.0 - 22.0	6.0 - 24.0	4.5 - 6.0	2.40
06-GW27DW	10-12-92	24.47	22.5	112	110	100.1 - 109.1	97.0 - 112.0	94.5 - 97.0	1.97
06-GW27DA	08-13-93	NA	NA	236	236	226.0 - 236.0	224.0 - 236.0	100.0 - 224.0	2.5
06-GW28	10-10-92	30.20	27.6	33	32	17.5 - 31.7	15.0 - 32.5	13.3 - 15.0	2.60
06-GW28DW	10-20-92	31.74	28.7	115	115	104.7 - 113.6	99.0 - 115.0	95.0 - 99.0	3.04
06-GW30	11-07-92	12.60	9.9	21	20	5.3 - 19.7	3.0 - 21.0	1.5 - 3.0	2.70
06-GW30DW	03-04-93	11.90	9.9	162	100	89.6 - 99.6	83.0 - 100.0	76.5 - 83.0	2.00
06-GW32	04-01-93	21.79	19.6	27	27	11.0 - 26.0	10.0 - 27.0	7.0 - 10.0	2.19
06-GW33	04-01-93	22.42	20.0	22	22	6.0 - 21.0	4.5 - 22.0	3.0 - 4.5	2.42
06-GW34	03-05-93	32.01	29.0	36	35	19.0 - 34.0	17.5 - 35.0	15.0 - 17.5	3.01
06-GW35D	03-07-93	14.29	12.0	201	105	95.0 - 105.0	90.0 - 105.0	87.0 - 90.0	2.29
06-GW36D	04-01-93	17.61	15.6	202	95	75.0 - 95.0	66.0 - 95.0	62.0 - 66.0	2.01
06-GW37D	04-01-93	15.96	14.0	112	95	75.0 - 95.0	73.0 - 95.0	70.0 - 73.0	1.96
06-GW38D	08-28-93	NA	NA	277	275	255.0 - 275.0	253.0 - 277.0	248.0 - 253.0	2.50

TABLE 1 (Continued)

SUMMARY OF WELL CONSTRUCTION DETAILS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

Well No.	Date Installed	Top of Casing Elevation (feet, msl)	Ground Surface Elevation (feet, msl)	Boring Depth (feet, bgs)	Well Depth (feet, bgs)	Screen Interval Depth (feet, bgs)	Sand Pack Interval Depth (feet, bgs)	Bentonite Interval Depth (feet, bgs)	Stick-Up (feet, ags)
06-GW40DW	12-04-94	NA	NA	250	246	230.0 - 245.0	225.0 - 250.0	198.0 - 225.0	2.50
06-GW40DWA	12-06-94	NA	NA	120	116	100.0 - 115.0	92.0 - 120.0	87.0 - 92.0	2.50
82-MW02	06-17-91	6.28	3.71	13	13	3.0 - 13.0	2.0 - 13.0	2.0 - 1.0	2.57
82-MW03	06-18-91	24.57	21.98	22	21	11.0 - 21.0	9.0 - 21.5	7.0 - 9.0	2.59

Notes:

ags = above ground surface
bgs = below ground surface
msl = mean sea level
NA = Information not available

TABLE 2

SUMMARY OF GROUNDWATER FIELD PARAMETERS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

Well Number (Sample Date)	Measuring Time	Well Volumes	Field Parameters			
			Specific Conductance (µmhos/cm)	Temperature (°C)	pH (S.U.)	Turbidity (N.T.U.)
06-GW01 (10-24-97)	0920	1.0	304	17.9	5.65	9.8
	0924	2.0	259	19.0	5.65	8.0
	0930	3.0	230	18.1	5.36	7.3
	0935	4.0	186	18.6	5.12	6.7
	0938	5.0	182	18.7	5.18	5.8
06-GW01D (10-24-97)	1750	1.0	684	18.2	8.45	45
	1823	2.0	676	18.2	8.30	14
	1855	3.0	679	18.3	8.18	9.0
06-GW01DA (10-24-97)	1045	1.0	302	17.4	7.03	38
	1057	1.5	302	17.7	7.22	25
	1118	2.0	301	17.8	7.29	18
	1136	2.5	297	18.2	7.50	2.2
	1155	3.0	299	18.3	7.62	3.8
06-GW01DB (10-24-97)	1315	1.0	1109	18.9	8.59	5.3
	1345	1.5	1118	18.9	8.59	3.8
	1415	2.0	1121	18.9	8.63	3.5
	1445	2.5	1121	19.1	8.64	3.3
	1515	3.0	1120	18.8	8.67	2.5
06-GW02D (10-27-97)	0910	1.0	278	18.6	9.91	170
	0940	1.5	270	18.5	8.70	110
	1013	2.0	274	18.6	8.83	48
	1045	2.5	278	18.6	9.01	33
	1112	3.0	279	18.7	9.16	29
06-GW03 (10-25-97)	1645	1.0	224	21.7	6.55	2.5
	1653	2.0	218	21.5	6.52	0.4
	1702	3.0	216	21.4	6.51	0.2
	1708	4.0	214	21.3	6.49	1.0
06-MW03D (10-26-97)	0912	1.0	246	18.1	7.68	72
	0920	1.5	246	18.1	7.69	100
	0928	2.0	246	18.1	7.68	25
	0935	2.5	247	18.1	7.72	17
	0944	3.0	244	18.2	7.72	11
06-GW15D (10-29-97)	0850	1.0	206	16.6	6.56	3.2
	0905	1.5	202	17.0	6.67	2.3
	0915	2.0	203	17.2	6.88	1.8
	0926	2.5	203	16.7	7.10	1.5
	0940	3.0	201	17.5	7.25	1.5

TABLE 2 (Continued)

SUMMARY OF GROUNDWATER FIELD PARAMETERS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

Well Number (Sample Date)	Measuring Time	Well Volumes	Field Parameters			
			Specific Conductance (µmhos/cm)	Temperature (°C)	pH (S.U.)	Turbidity (N.T.U.)
06-GW16 (10/23/97)	1735	1.0	138	19.4	5.25	7.6
	1750	1.5	142	18.6	5.28	5.2
	1807	2.0	147	18.6	5.31	4.0
	1823	2.5	154	18.2	5.27	2.7
	1840	3.0	156	18.0	5.27	2.6
06-GW17 (10-26-97)	1035	1.0	188	19.1	5.60	11
	1042	1.5	185	19.0	5.57	9.8
	1049	2.0	180	18.9	5.39	8.0
	1057	2.5	178	18.9	5.34	6.8
	1105	3.0	175	18.9	5.17	5.2
06-GW21 (10-26-97)	1137	1.0	101	20.6	5.58	1.4
	1145	1.5	96	20.6	5.25	2.1
	1153	2.0	94	20.5	5.16	1.6
	1159	2.5	92	20.5	5.07	1.2
	1107	3.0	90	20.4	5.07	1
06-GW27DA (10-28-97)	1630	1.0	636	16.7	9.68	36
	1655	1.5	662	16.6	9.84	>200
(10-29-97)	0700	2.0	651	14.9	9.48	37
	0830	3.0	653	14.9	9.52	13
06-GW27DW (10-28-97)	1815	1.0	283	15.7	7.95	21
	1900	1.5	280	15.9	7.74	6.0
	1930	2.0	280	16.2	7.75	3.0
(10-29-97)	0655	3.0	282	16.4	7.26	1.0
06-GW28 (10-26-97)	1318	1.0	107	18.8	5.45	2.8
	1334	1.5	107	18.7	5.48	2.1
	1346	2.0	108	18.6	5.59	2.8
	1358	2.5	107	18.8	5.59	2.8
	1410	3.0	108	18.5	5.51	1.5
06-GW28DW (10-28-97)	1225	1.0	307	16.9	8.01	32
	1300	1.3	283	18.0	7.57	20
	1330	1.6	286	18.0	7.77	17
	1347	3.0	290	17.9	7.78	15
06-GW30 (10-25-97)	0950	1.0	166	18.9	5.74	7.0
	1002	1.5	162	19.0	5.74	7.7
	1013	2.0	160	19.0	5.74	4.9
	1024	2.5	165	19.1	5.76	3.7
	1034	3.0	162	19.1	5.79	0.1

TABLE 2 (Continued)

SUMMARY OF GROUNDWATER FIELD PARAMETERS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

Well Number (Sample Date)	Measuring Time	Well Volumes	Field Parameters			
			Specific Conductance (µmhos/cm)	Temperature (°C)	pH (S.U.)	Turbidity (N.T.U.)
06-GW30DW (10-25-97)	0935	1.0	318	18.1	7.20	1.8
	0945	1.5	315	18.1	7.19	1.9
	0955	2.0	316	18.0	7.20	0.1
	1005	2.5	314	18.1	7.20	1.8
	1015	3.0	311	18.1	7.20	0.1
06-GW32 (10-26-97)	1434	1.0	109	18.9	4.14	2.9
	1441	2.0	118	18.6	5.07	1.2
	1445	2.5	124	18.6	5.30	1.1
	1450	3.0	128	18.7	5.35	1.0
06-GW33 (10-24-97)	1607	1.0	118	20.1	3.93	1.3
	1622	2.0	114	19.9	3.97	0.6
	1640	3.0	115	19.8	4.01	0.1
06-GW34 (10-24-97)	1412	1.0	193	19.7	4.06	0.5
	1420	1.5	199	20.2	4.13	0.2
	1428	2.0	202	20.5	4.12	0.1
	1436	2.5	204	20.4	4.13	0.1
	1444	3.0	205	20.5	4.15	0.1
06-GW35D (10-26-97)	0752	1.0	350	17.7	7.68	20
	0757	1.5	351	17.1	7.66	13
	0803	2.0	355	17.6	7.62	9.0
	0808	2.5	352	17.6	7.62	8.5
	0813	3.0	352	17.6	7.64	4.6
06-GW36D (10-25-97)	1445	1.0	262	19.0	7.90	0.5
	1452	1.5	247	18.6	7.72	0.4
	1457	2.0	242	18.5	7.79	5.5
	1502	2.5	239	18.4	7.77	4.5
	1508	3.0	238	18.4	7.77	3.4
06-GW37D (10-25-97)	0752	1.0	320	18.0	7.10	0.6
	0758	1.5	279	18.1	7.18	0.4
	0810	2.0	265	18.3	7.27	0.6
	0815	2.5	266	18.3	7.29	0.4
	0820	3.0	261	18.2	7.31	0.1
06-GW38D (10-25-97)	1512	1.0	845	19.3	9.18	123
	1528	1.5	838	19.3	9.58	38
	1545	2.0	838	19.5	9.94	12
	1603	2.5	833	19.3	9.92	8.0
	1620	3.0	830	19.2	9.93	4.4

TABLE 2 (Continued)

SUMMARY OF GROUNDWATER FIELD PARAMETERS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

Well Number (Sample Date)	Measuring Time	Well Volumes	Field Parameters			
			Specific Conductance (µmhos/cm)	Temperature (°C)	pH (S.U.)	Turbidity (N.T.U.)
06-GW40DW (10-28-97)	0800	1.0	310	15.2	7.12	26
	0817	1.5	300	15.6	7.25	22
	0830	2.0	298	16.1	7.41	20
	0847	2.5	299	15.7	7.45	77
	0900	3.0	299	16.0	7.47	51
06-GW40DWA (10-28-97)	0914	1.0	2,480	16.2	7.96	9.0
	0928	1.5	2,499	16.3	8.23	8.5
	0941	2.0	2,509	16.0	8.19	23
	0954	2.5	2,508	16.0	8.41	83
	1007	3.0	2,460	16.4	8.46	>200
82-MW02 (10-25-97)	1123	1.0	651	18.9	5.97	1.8
	1139	2.0	656	19.1	6.02	23
	1145	2.5	657	18.9	6.02	1.7
	1152	3.0	657	19.0	6.00	1.5
82-MW03 (10-28-97)	1514	1.0	202	18.3	3.83	27
	1520	2.0	208	17.7	3.91	2.0
	1526	3.0	210	17.7	3.92	0.9
	1532	4.0	212	17.7	4.01	0.4

Notes:

N.T.U. = Nephlometric Turbidity Units
S.U. = Standard Units
µmhos/cm = micro ohms per centimeter
°C = Degrees Centigrade
mg/L = milligrams per liter

TABLE 3

GROUNDWATER SAMPLING SUMMARY
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

Location	Media	CLP Volatiles[1]	CLP Metals[2]	Total Dissolved Solids[3]	Total Suspended Solids[3]	Laboratory Sample Identification
06-GW01	GW	X	X	X	X	IR06-GW01-97D
06-GW01D	GW	X	X	X	X	IR06-GW01D-97D
06-GW01DA	GW	X	X	X	X	IR06-GW01DA-97D
06-GW01DB	GW	X	X	X	X	IR06-GW1DB-97D
06-GW02DW	GW	X	X	X	X	IR06-GW02DW-97D
06-GW03	GW	X	X	X	X	IR06-GW03-97D
06-MW03D	GW	X	X	X	X	IR06-GW03D-97D
06-GW15D	GW	X	X	X	X	IR06-GW15D-97D
06-GW16	GW	X	X	X	X	IR06-GW16-97D
06-GW17	GW	X	X	X	X	IR06-GW17-97D
06-GW21	GW	X	X	X	X	IR06-GW21-97D
06-GW27DW	GW	X	X	X	X	IR06-GW27DW-97D
06-GW27DA	GW	X	X	X	X	IR06-GW27DA-97D
06-GW28S	GW	X	X	X	X	IR06-GW28S-97D
06-GW28DW	GW	X	X	X	X	IR06-GW28DW-97D
06-GW30	GW	X	X	X	X	IR06-GW30-97D
06-GW30DW	GW	X	X	X	X	IR06-GW30DW-97D
06-GW32	GW	X	X	X	X	IR06-GW32-97D
06-GW33	GW	X	X	X	X	IR06-GW33-97D
06-GW34	GW	X	X	X	X	IR06-GW34-97D
06-GW35D	GW	X	X	X	X	IR06-GW35D-97D
06-GW36D	GW	X	X	X	X	IR06-GW36D-97D
06-GW37D	GW	X	X	X	X	IR06-GW37D-97D
06-GW38D	GW	X	X	X	X	IR06-GW38D-97D
06-GW40DW	GW	X	X	X	X	IR06-GW40DW-97D
06-GW40DWA	GW	X	X	X	X	IR06-GW40DWA-97D
82-MW02	GW	X	X	X	X	IR06-82GW02-97C
82-MW03	GW	X	X	X	X	IR06-82GW03-97C

Notes:

(1) Volatiles by U.S. Environmental Protection Agency, Contract laboratory Program, Statement of Work, Document Number OLM01.8.

(2) Metals by U.S. Environmental Protectoin Agency, Contract Laboratory Protocol, Statement of Work, Document Number ILM03.0.

(3) Total Suspended and Dissolved Solids by Solid Waste Method 160.1 and 160.2.

X = Requested analysis
GW = Groundwater

TABLE 4

SUMMARY OF WATER LEVEL MEASUREMENTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

Well ID	Reference Elevation[1]	SWL 08/05/97	SWE 08/05/97	SWL 10/29/97	SWE 10/29/97
6GW01	35.18	21.35	13.83	NA	NA
6GW01D	35.31	28.76	6.55	31.90	3.41
6GW01DA	35.23	29.55	5.68	31.50	3.73
6GW01DB	NS	28.86	NA	30.53	NA
6GW02	38.37	14.47	23.9	NA	NA
6GW02D	37.61	22.57	15.04	NA	NA
6GW03	31.32	17.05	14.27	17.44	13.88
6GW04	27.99	7.33	20.66	7.92	20.07
6GW06	26.74	6.95	19.79	7.45	19.29
6GW07	17.83	5.08	12.75	5.44	12.39
6GW07DW	20.08	7.35	12.73	7.56	12.52
6GW08	22.35	6.42	15.93	6.72	15.63
6GW11	35.05	16.58	18.47	19.82	15.23
6GW12	18.29	5.25	13.04	5.44	12.85
6GW13	20.1	6.07	13.94	6.31	13.79
6GW15D	28	20.17	7.83	21.76	6.24
6GW16	27.63	7.3	20.33	7.34	20.29
6GW17	28.1	7.35	20.75	7.88	20.22
6GW21	30.3	13.21	17.09	13.52	16.78
6GW23	26.96	7.6	19.36	8.21	18.75
6GW26	23.66	11.45	12.21	11.69	11.97
6GW27D	24.47	22.8	1.67	24.45	0.02
6GW27DA	NS	20.79	NA	22.37	NA
6GW28	30.2	23.56	6.64	24.27	5.93
6GW28DW	31.74	27.54	4.2	32.63	-0.89
6GW30	12.6	6.31	6.29	6.06	6.54
6GW30D	11.9	2.77	9.13	4.36	7.54
6GW31	30.26	11.18	19.08	11.87	18.39
6GW32	21.79	17.63	4.16	17.85	3.94
6GW33	22.42	12.3	10.12	12.84	9.58
6GW34	32.01	21.48	10.53	22.05	9.96
6GW35D	14.29	9.62	4.67	9.97	4.32
6GW36D	17.61	9.98	7.63	10.82	6.79
6GW37DW	15.96	10.37	5.59	10.74	5.22
6GW38D	31.89	23.29	8.6	23.23	8.66
6GW40DW	19.07	16.37	2.7	18.31	0.76
6GW40DWA	28.26	15.39	12.87	16.90	11.36
6MW03	31.32	6.13	25.19	16.90	14.42
6MW3D	35.18	21.36	13.69	22.14	13.04

TABLE 4 (Continued)

SUMMARY OF WATER LEVEL MEASUREMENTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

Well ID	Reference Elevation[1]	SWL 08/05/97	SWE 08/05/97	SWL 10/29/97	SWE 10/29/97
82MW2	6.03	5.35	0.68	4.80	1.23
82MW3	24.31	16.51	7.8	16.90	7.41
82MW30	32.19	10.91	21.28	9.98	22.21

Notes:

[1] Top of well casing expressed in feet above mean sea level

SWL - Static water level taken from top of well casing.
SWE - Static water elevation expressed in feet above mean sea level.
NS - Not surveyed
NA - Not applicable or data not available.

TABLE 5

TRIP BLANK ANALYTICAL RESULTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

SAMPLE ID	IR06-TB01-97D	IR06-TB02-97D	IR06-TB03-97D
DATE SAMPLED	10-24-1997	10-27-1997	10-28-1997
VOLATILES (ug/L)			
1,1,1-Trichloroethane	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U	10 U
1,1-Dichloroethane	10 U	10 U	10 U
1,1-Dichloroethene	10 U	10 U	10 U
1,2-Dichloroethane	10 U	10 U	10 U
1,2-Dichloroethene (total)	10 U	10 U	10 U
1,2-Dichloropropane	10 U	10 U	10 U
2-Butanone	10 U	10 U	10 U
2-Hexanone	10 U	10 U	10 U
4-Methyl-2-pentanone	10 U	10 U	10 U
Acetone	10 U	10 U	10 U
Benzene	10 U	10 U	10 U
Bromodichloromethane	10 U	10 U	10 U
Bromoform	10 U	10 U	10 U
Bromomethane	10 U	10 U	10 U
Carbon disulfide	10 U	10 U	10 U
Carbon tetrachloride	10 U	10 U	10 U
Chlorobenzene	10 U	10 U	10 U
Chloroethane	10 U	10 U	10 U
Chloroform	10 U	10 U	10 U
Chloromethane	10 U	10 U	10 U
cis-1,3-Dichloropropene	10 U	10 U	10 U
Dibromochloromethane	10 U	10 U	10 U
Ethylbenzene	10 U	10 U	10 U
Methylene chloride	1.2 J	1 J	10 U
Styrene	10 U	10 U	10 U
Tetrachloroethene	10 U	10 U	10 U
Toluene	10 U	10 U	10 U
trans-1,3-Dichloropropene	10 U	10 U	10 U
Trichloroethene	10 U	10 U	10 U
Vinyl chloride	10 U	10 U	10 U
Xylenes (total)	10 U	10 U	10 U

NOTES
J = estimated
ug/L = micrograms per liter
U = not detected

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

Fraction	Detected Contaminants or Analytes	Comparison Criteria		Concentration Range		Location of Maximum Detection	Detection Frequency	Detections Above	
		NCWQS	MCL	Min.	Max.			NCWQS	MCL
Volatiles	Vinyl Chloride	0.015	2.0	1.6 J	520 J	06-GW01D	5/28	5	4
	1,1,2-Trichloroethane	NE	5.0	45 J	45 J	06-GW34	1/28	NA	1
	Methylene Chloride	5.0	NE	1.1 J	140 JB	06-GW01D	13/28	0	NA
	Trichloroethene	2.8	5.0	2.1 J	140,000	06-GW01D	8/28	7	6
	Tetrachloroethene	0.7	5.0	3.4 J	1,600	06-GW01D	8/28	7	8
	Benzene	1.0	5.0	7.8 J	7.8 J	06-GW37	1/28	1	1
	Chloroform	0.2	100.0	3.5 J	3.5 J	06-GW03	1/28	1	1
	Chlorobenzene	50	100	6,300	6,300	06-GW16	1/28	1	1
	1,1,2,2-Tetrachloroethane	NE	NE	2.6 J	8,500	06-GW34	4/28	NA	NA
	1,2-Dichloroethene (total) [2]	70	70	1.5 J	36,000	06-GW01D	8/28	6	6
Total Metals	Aluminum	NE	200 [1]	20.3 B	4,330	06-GW27DA	27/28	NA	7
	Cadmium	5.0	5.0	5.8	5.8	06-GW03	1/28	1	1
	Chromium	50	100	4.7 B	18.6	06-GW27DA	7/28	0	0
	Iron	300	300 [1]	7.6 B	5,490	82-MW02	27/28	18	18
	Lead	15	15	1.2 B	6.2	06-GW27DA	12/28	0	0
	Manganese	50	50 [1]	2.9 B	124	06-GW16	27/28	3	3
	Selenium	50	50	3.9 B	17.2	06-GW34	3/28	0	0
	Zinc	2,100	5,000 [1]	5.3 B	803	06-GW16	28/28	0	0
Wet Chemistry	Total Dissolved Solids	500	500 [1]	79	1,500	06-GW40DWA	28/28	2	2
	Total Suspended Solids	NE	NE	4	190	06-GW27DA	7/28	NA	NA

Notes:

Organic and Metal concentrations presented in micrograms per liter (µg/L) or parts per billion.
Wet chemistry concentrations presented in milligrams per liter (mg/L) or parts per million.

[1] Secondary Federal Maximum Contaminant Level (Refer to MCL Note Below).

[2] Screening Standards for 1,2-Dichloroethene (total) from the lower isomer, cis1,2-Dichloroethene.

B = Organics: Method Blank Contamination.
Inorganics: Estimated Result.
J = Estimated Value
MCL = Federal Maximum Contaminant Level. Maximum permissible level of a contaminant in water which is delivered users of public water systems (U.S. Environmental Protection Agency - Drinking Water Regulations and Health Advisories).
NA = Not Applicable
NCWQS = North Carolina Water Quality Standards (North Carolina Administrative Code, Title 15A, Subchapter 2L).
NE = Not Established

TABLE 7

POSITIVE DETECTIONS IN GROUNDWATER
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

SAMPLE ID	IR06-GW01-97D	IR06-GW01D-97D	IR06-GW01DA-97D	IR06-GW01DB-97D	IR06-GW02DW-97D	IR06-GW03-97D
DATE SAMPLED	10-24-1997	10-27-1997	10-24-1997	10-24-1997	10-27-1997	10-25-1997
VOLATILES (ug/L)						
1,1,2,2-Tetrachloroethane	10 U	1000 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	1000 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	10 U	36000 D	10 U	10 U	10 U	1.5 J
Benzene	10 U	1000 U	10 U	10 U	10 U	10 U
Chlorobenzene	10 U	1000 U	10 U	10 U	10 U	10 U
Chloroform	10 U	1000 U	10 U	10 U	10 U	3.5 J
Methylene chloride	10 U	140 JB	10 U	10 U	10 U	10 U
Tetrachloroethene	12	1600	10 U	10 U	10 U	10 U
Trichloroethene	10 U	140000 D	2.1 J	10 U	10 U	10 U
Vinyl chloride	10 U	520 J	10 U	10 U	10 U	10 U
TOTAL METALS (ug/L)						
Aluminum	45.7 B	142 B	74.1 B	47.3 B	85.5 B	59 B
Cadmium	5 U	5 U	5 U	5 U	5 U	5.8
Calcium	37000	153000	37000	5470	68700	45100
Chromium	10 U	8.5 B	6.4 B	10 U	10 U	4.7 B
Iron	299	1280	137	46.1 B	569	164
Lead	2.2 B	4.6	3 U	1.8 B	3 U	3 U
Magnesium	1830 B	3550 B	3650 B	2540 B	1590 B	3310 B
Manganese	4.4 B	45.5	21	15 U	10.8 B	3 B
Potassium	2320 B	1980 B	9940	12400	1950 B	4670 B
Selenium	3.9 B	5 U	5 U	5 U	5 U	7.5
Sodium	4180 B	5190	26800	275000	4630 B	4010 B
Zinc	8.4 B	35.3	5.3 B	29.4	41	619
WET CHEMISTRY (mg/L)						
Total Dissolved Solids	150	440	220	740	180	170
Total Suspended Solids	4 U	12	7	4 U	4 U	4 U

NOTES
B = detected in blank
D = sample dilution required
U = not detected
J = estimated value
ug/L = micrograms per liter
mg/L = milligrams per liter

TABLE 7

POSITIVE DETECTIONS IN GROUNDWATER
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

SAMPLE ID	IR06-GW03D-97D	IR06-GW15D-97D	IR06-GW16-97D	IR06-GW17-97D	IR06-GW21-97D	IR06-GW27DA-97D
DATE SAMPLED	10-26-1997	10-29-1997	10-23-1997	10-26-1997	10-26-1997	10-29-1997
VOLATILES (ug/L)						
1,1,2,2-Tetrachloroethane	10 U	10 U	500 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U	500 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	10 U	10 U	500 U	10 U	10 U	10 U
Benzene	10 U	10 U	500 U	10 U	10 U	10 U
Chlorobenzene	10 U	10 U	6300	10 U	10 U	10 U
Chloroform	10 U	10 U	500 U	10 U	10 U	10 U
Methylene chloride	10 U	1.1 J B	500 U	10 U	10 U	1.1 J B
Tetrachloroethene	10 U	10 U	500 U	10 U	10 U	10 U
Trichloroethene	10 U	10 U	500 U	10 U	10 U	10 U
Vinyl chloride	10 U	10 U	500 U	10 U	10 U	10 U
TOTAL METALS (ug/L)						
Aluminum	145 B	44.5 B	807	1250	175 B	4330
Cadmium	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	53700	45900	17600	21700	5400	46700
Chromium	10 U	10 U	10 U	5.3 B	10 U	18.6
Iron	996	319	1370	1390	100 U	3480
Lead	3 U	3 U	3 U	2.5 B	3 U	6.2
Magnesium	1110 B	1020 B	1620 B	915 B	1610 B	1320 B
Manganese	28.8	12.8 B	124	7.4 B	12.3 B	35.1
Potassium	1140 B	1090 B	1130 B	2030 B	879 B	8790
Selenium	5 U	5 U	5 U	5 U	5 U	5 U
Sodium	3920 B	3890 B	9650	10500	8040	157000
Zinc	8.9 B	30.3	803	25.3	15.4 B	37
WET CHEMISTRY (mg/L)						
Total Dissolved Solids	140	100	220	170	86	380
Total Suspended Solids	4 U	4 U	4 U	4	4 U	190

NOTES
B = detected in blank
D = sample dilution required
U = not detected
J = estimated value
ug/L = micrograms per liter
mg/L = r ams per liter

TABLE 7

POSITIVE DETECTIONS IN GROUNDWATER
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

SAMPLE ID	IR06-GW27DW-97D	IR06-GW28DW-97D	IR06-GW28-97D	IR06-GW30-97D	IR06-GW30DW-97D	IR06-GW32-97D
DATE SAMPLED	10-29-1997	10-28-1997	10-26-1997	10-25-1997	10-25-1997	10-26-1997
VOLATILES (ug/L)						
1,1,2,2-Tetrachloroethane	500 U	500 U	2.6 J	10 U	10 U	12 J
1,1,2-Trichloroethane	500 U	500 U	10 U	10 U	10 U	50 U
1,2-Dichloroethene (total)	4300	3500 D	15	10 U	10 U	320
Benzene	500 U	500 U	10 U	10 U	10 U	50 U
Chlorobenzene	500 U	500 U	10 U	10 U	10 U	50 U
Chloroform	500 U	500 U	10 U	10 U	10 U	50 U
Methylene chloride	73 JB	69 JB	1.1 J	1.2 JB	1.1 JB	50 U
Tetrachloroethene	500 U	140 J	37	3.4 J	10 U	33 J
Trichloroethene	2900	9600 D	49	10 U	10 U	670
Vinyl chloride	84 J	75 J	10 U	10 U	10 U	50 U
TOTAL METALS (ug/L)						
Aluminum	20.3 B	77.8 B	92 B	110 B	20.3 B	30.6 B
Cadmium	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	63500	75600	7760	24100	62200	18300
Chromium	10 U	10 U	10 U	10 U	10 U	10 U
Iron	521	863	7.6 B	335	1130	14 B
Lead	3 U	1.6 B	6.2	3 U	3 U	3 U
Magnesium	1310 B	1510 B	2010 B	1610 B	1510 B	1540 B
Manganese	11.6 B	21.4	11.4 B	24.4	34.1	8.7 B
Potassium	960 B	1310 B	1260 B	1380 B	1050 B	1270 B
Selenium	5 U	5 U	5 U	5 U	5 U	5 U
Sodium	4590 B	4850 B	10500	6210	5920	7030
Zinc	23.3	17.2 B	21.3	80.6	16.2 B	12.3 B
WET CHEMISTRY (mg/L)						
Total Dissolved Solids	150	170	99	85	200	79
Total Suspended Solids	4 U	9	4 U	4 U	4 U	4 U

NOTES
B = detected in blank
D = sample dilution required
U = not detected
J = estimated value
ug/L = micrograms per liter
mg/L = milligrams per liter

TABLE 7

POSITIVE DETECTIONS IN GROUNDWATER
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

SAMPLE ID	IR06-GW33-97D	IR06-GW34-97D	IR06-GW35D-97D	IR06-GW36D-97D	IR06-GW37D-97D	IR06-GW38D-97D
DATE SAMPLED	10-24-1997	10-24-1997	10-26-1997	10-25-1997	10-25-1997	10-27-1997
VOLATILES (ug/L)						
1,1,2,2-Tetrachloroethane	10 U	8500 D	2.9 J	10 U	50 U	10 U
1,1,2-Trichloroethane	10 U	45 J	10 U	10 U	50 U	10 U
1,2-Dichloroethene (total)	10 U	170	10 U	10 U	230	10 U
Benzene	10 U	100 U	10 U	10 U	7.8 J	10 U
Chlorobenzene	10 U	100 U	10 U	10 U	50 U	10 U
Chloroform	10 U	100 U	10 U	10 U	50 U	10 U
Methylene chloride	10 U	100 U	10 U	1.1 J B	50 U	1.2 J B
Tetrachloroethene	5 J	120	10 U	10 U	50 U	10 U
Trichloroethene	10 U	400	10 U	10 U	8 J	10 U
Vinyl chloride	10 U	100 U	10 U	10 U	16 J	10 U
TOTAL METALS (ug/L)						
Aluminum	715	822	118 B	42.3 B	200 U	142 B
Cadmium	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	1690 B	7030	75200	64200	53600	3940 B
Chromium	10 U	10 U	10 U	6.3 B	10 U	10 U
Iron	258	19.4 B	733	824	469	43.7 B
Lead	3 U	4.6	3 U	3 U	3 U	3 U
Magnesium	4010 B	7420	2030 B	1490 B	1320 B	1350 B
Manganese	10.9 B	30.8	31	35.5	9.2 B	2.9 B
Potassium	768 B	10200	1960 B	1740 B	1400 B	10600
Selenium	5 U	17.2	5 U	5 U	5 U	5 U
Sodium	12900	15500	7350	5630	5160	215000
Zinc	12 B	87.6	7.8 B	11.3 B	10.1 B	23.1
WET CHEMISTRY (mg/L)						
Total Dissolved Solids	100	150	210	180	160	520
Total Suspended Solids	4 U	4 U	4 U	4 U	4 U	4 U

NOTES
B = detected in blank
D = sample dilution required
U = not detected
J = estimated value
ug/L = micrograms per liter
mg/L = r ams per liter

TABLE 7

POSITIVE DETECTIONS IN GROUNDWATER
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

SAMPLE ID	IR06-GW40DW-97D	IR06-GW40DWA-97D	IR06-82GW02-97D	IR06-82GW03-97D
DATE SAMPLED	10-28-1997	10-28-1997	10-25-1997	10-28-1997
VOLATILES (ug/L)				
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	10 U	10 U	10 U	10 U
Benzene	10 U	10 U	10 U	10 U
Chlorobenzene	10 U	10 U	10 U	10 U
Chloroform	10 U	10 U	10 U	10 U
Methylene chloride	1.5 J B	1.4 J B	10 U	1.1 J B
Tetrachloroethene	10 U	10 U	10 U	10 U
Trichloroethene	10 U	10 U	10 U	10 U
Vinyl chloride	10 U	10 U	1.6 J	10 U
TOTAL METALS (ug/L)				
Aluminum	53.6 B	356	112 B	4330
Cadmium	5 U	5 U	5 U	5 U
Calcium	73800	29200	82200	3860 B
Chromium	5.1 B	10 U	10 U	10 U
Iron	740	497	5490	793
Lead	1.2 B	2.6 B	1.7 B	1.5 B
Magnesium	1530 B	11200	5980	5380
Manganese	21.6	13.5 B	58.4	116
Potassium	1370 B	24100	603 B	1120 B
Selenium	5 U	5 U	5 U	5 U
Sodium	4690 B	585000	53300	9010
Zinc	16.3 B	33	15.2 B	62.2
WET CHEMISTRY (mg/L)				
Total Dissolved Solids	180	1500	420	110
Total Suspended Solids	10	27	4 U	4 U

NOTES
B = detected in blank
D = sample dilution required
U = not detected
J = estimated value
ug/L = micrograms per liter
mg/L = milligrams per liter

TABLE 8

TREATMENT SYSTEM SAMPLING RESULTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA

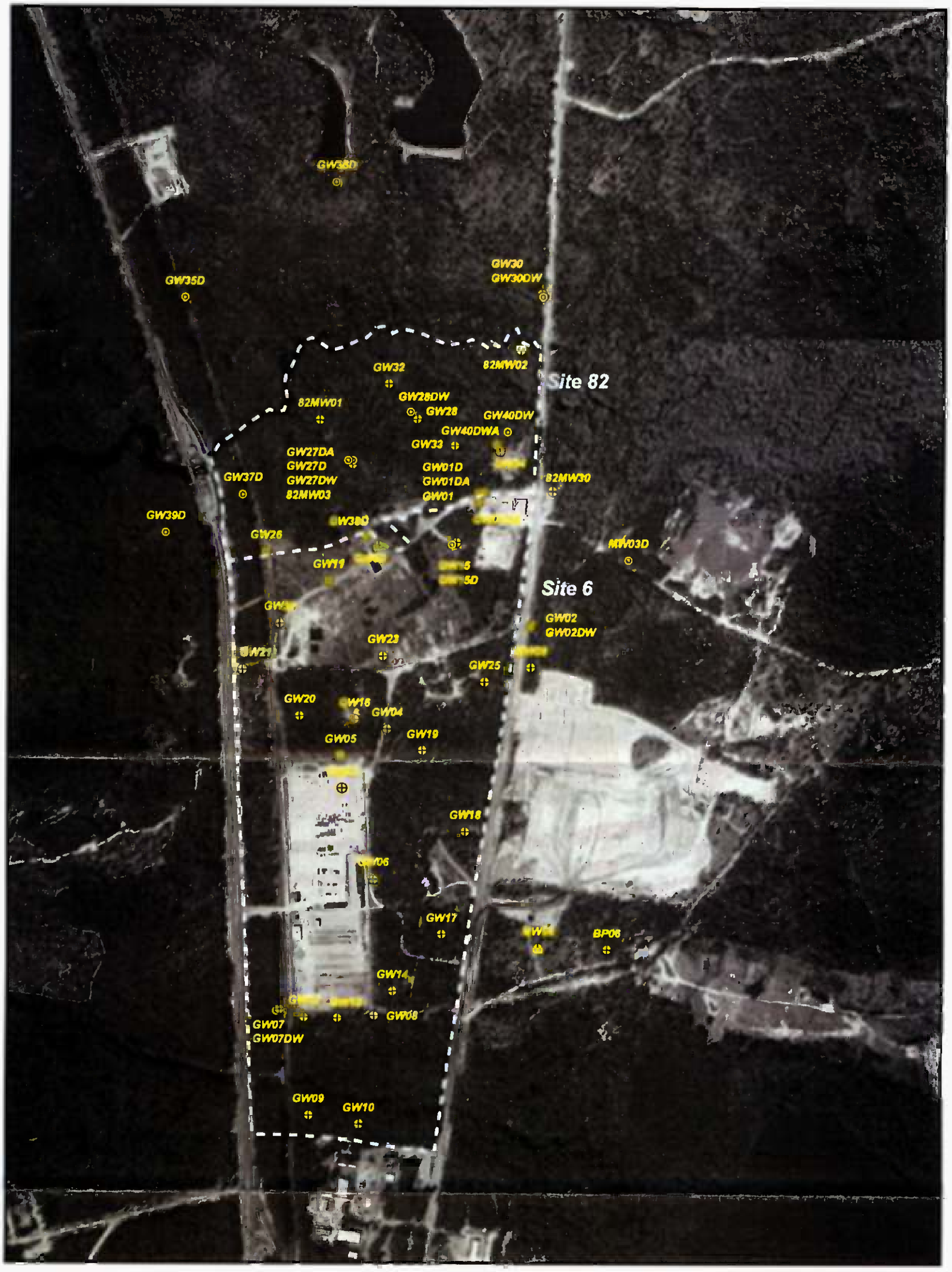
Contaminant	October 1997				November 1997				December 1997			
	Shallow Aquifer Influent	Deep Aquifer Influent	Air Stripper Effluent	Final Effluent	Shallow Aquifer Influent	Deep Aquifer Influent	Air Stripper Effluent	Final Effluent	Shallow Aquifer Influent	Deep Aquifer Influent	Air Stripper Effluent	Final Effluent
Volatiles[1]												
1,2-Dichloroethane	21	<100	<1.0	<1.0	1.3	2.1	<1.0	<1.0	3.1	20	<1.0	<1.0
trans-1,2-Dichloroethene	340	1,800	<1.0	<1.0	150	710	<1.0	<1.0	322	2,600	<1.0	<1.0
Tetrachloroethene	230	360	<1.0	<1.0	140	230	<1.0	<1.0	224	540	<1.0	<1.0
Trichloroethene	1,220	11,000	93	44	499	1,800	7.3	53	981	14,900	<1.0	<57
Vinyl Chloride	<20	<100	<1.0	<1.0	7.2	86	<1.0	<1.0	10	96	<1.0	<1.0
Ethylbenzene	<2.0	<2.0	<2.0	<2.0	<2.0	6.3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total Metals[1]												
Arsenic	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium	<20	<20	<20	<20	7	9.1	9.1	9.2	7.6	10	12	<9.7
Beryllium	<3.0	<3.0	<3.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<70	<70	<70	<70	<10	<10	<10	<10	<10	<10	<10	<10
Iron	579	707	259	2,680	717	649	281	<100	342	70	2,880	<100
Lead	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Manganese	40	<20	<20	<20	347	15	13	<5.0	37.8	17	38	<5.0
Mercury	<0.2	<0.2	<2.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Vanadium	<80	<80	<80	<80	<10	<10	<10	<10	<10	<10	<10	<10
Wet Chemistry[2]												
Total Dissolved Solids	160	265	N/A	290	150	255	N/A	225	180	260	NA	240
Total Suspended Solids	<10	<10	N/A	<10	<10	<10	N/A	<10	<10	<10	NA	<10
pH	6.20	6.9	N/A	7.10	6.50	7.0	N/A	7.60	7.40	7.40	NA	7.80

Notes:

(1) Volatile and Metal concentrations reported in micrograms per liter (µg/L) or parts per billion.
(2) Wet chemistry concentrations reported in milligrams per liter (mg/L) or parts per million.

NA = Not analyzed or not available.

FIGURES



LEGEND

GW08
⊕ Shallow Monitoring Well Location

GW27DW
◎ Deep Monitoring Well Location

NOTE:

1. Figure depicts all monitoring wells at Sites 6 and 82

Scale

500 0 500 1000 1500 Feet

N
W E
S

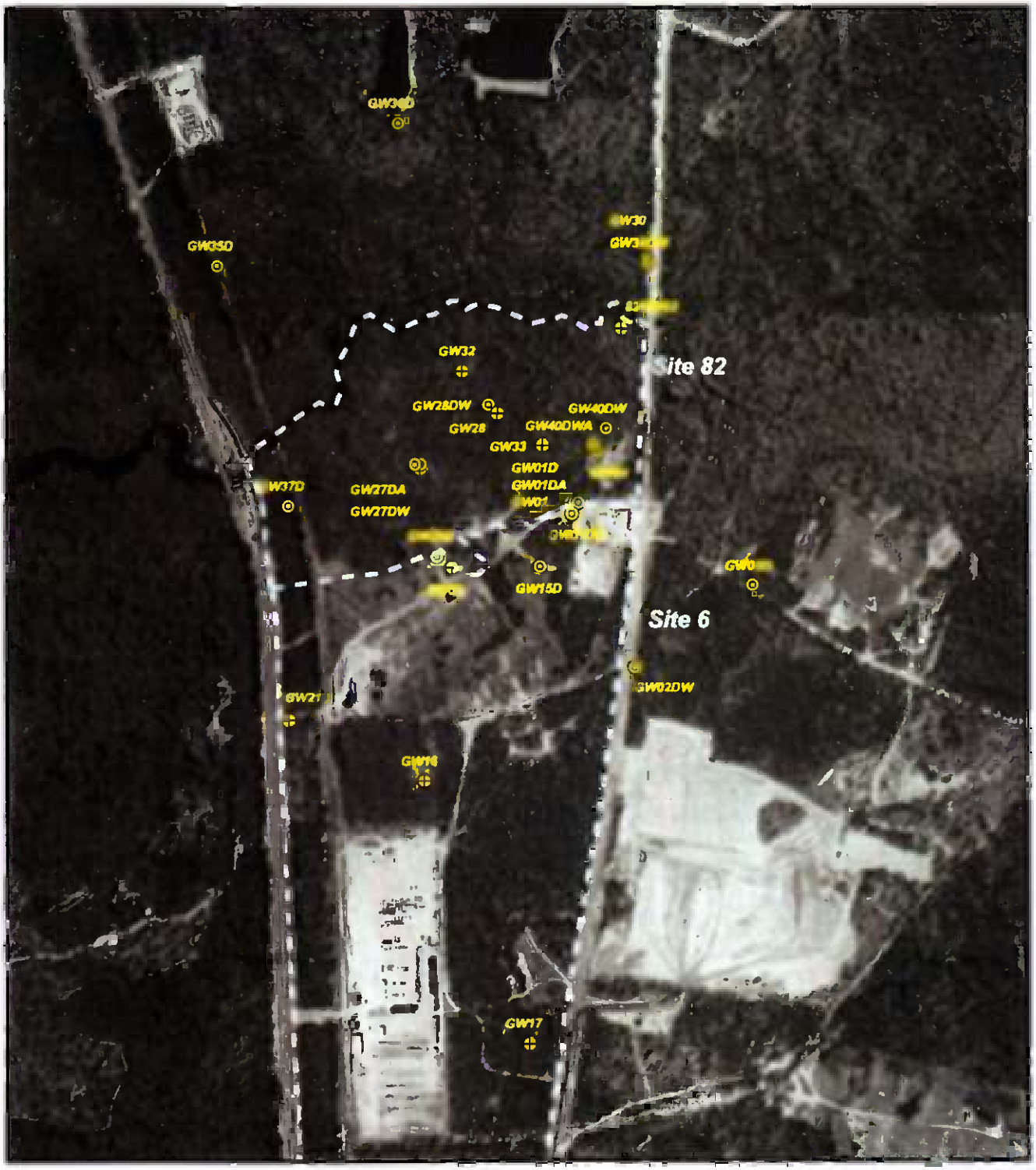
MARINE CORPS BASE, CAMP LEJEUNE
NORTH CAROLINA

Monitoring Well Location Map
Operable Unit No. 2 - Sites 6 and 82
Monitoring and O&M Support
CTO-0367

Baker

FIGURE 1

01978.J.T.B1V



LEGEND

GW06
⊕ Shallow Monitoring Well Location

GW27DW
◎ Deep Monitoring Well Location

NOTE:
1. Figure depicts monitoring wells included in the Monitoring Program at Sites 6 and 82

Scale

500 0 500 1000 1500 Feet

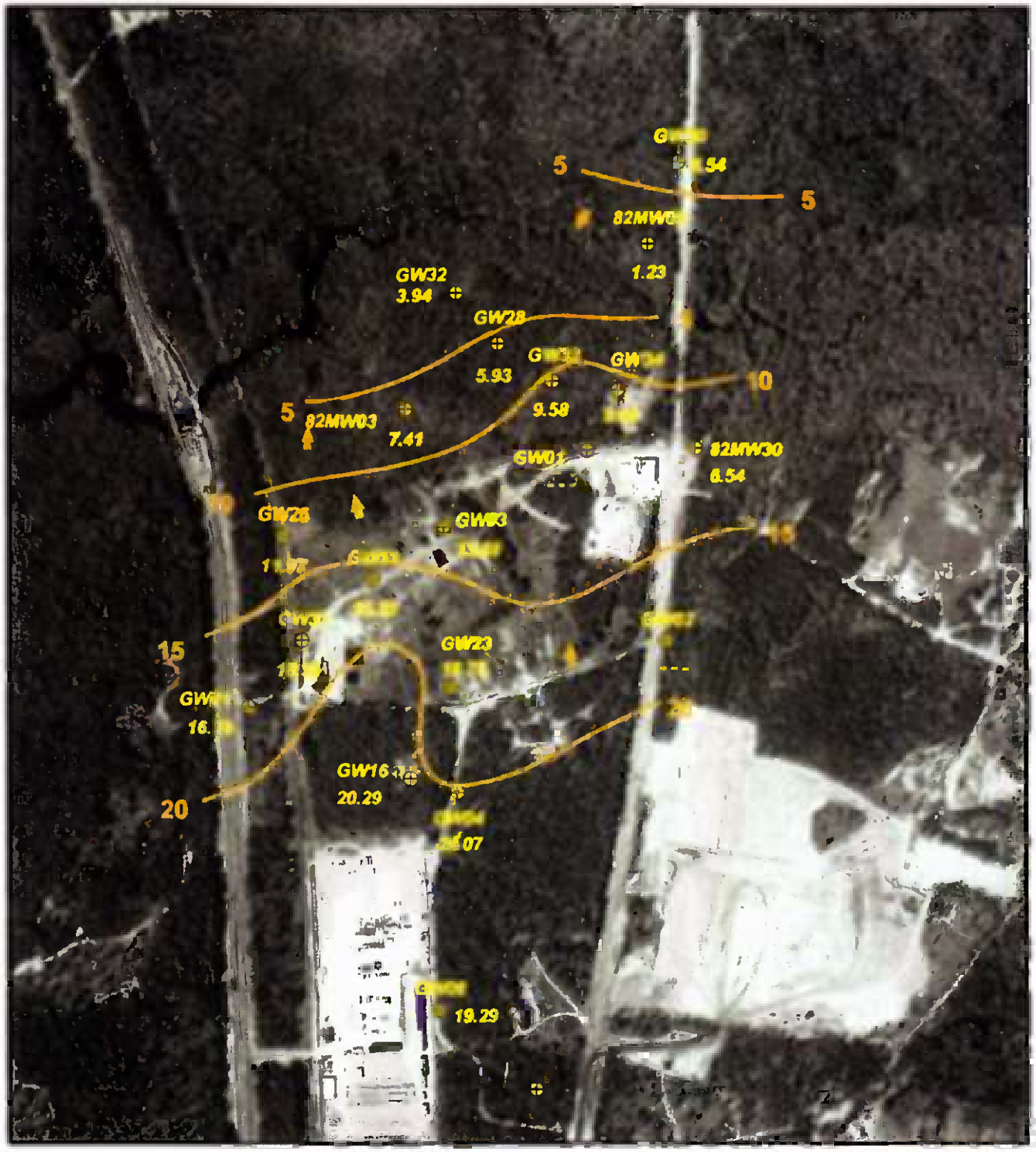
N
W E
S

MARINE CORPS BASE, CAMP LEJEUNE
NORTH CAROLINA

Long-Term Monitoring Well
Location Map
Operable Unit No. 2 - Sites 6 and 82
Monitoring and O&M Support
CTO-0367

Baker

FIGURE 2



LEGEND

GW08 0.00 — Shallow Monitoring Well Location with Static Groundwater Elevation

Groundwater Elevation Contour

Approximate Direction of Groundwater Flow

NOTES:
1. Static readings collected on October 29, 1997
2. Contours expressed in feet above mean sea level

Scale
500 0 500 1000 1500 feet

N
W E
S

MARINE CORPS BASE, CAMP LEJEUNE
NORTH CAROLINA

Shallow Groundwater Contour Map
Operable Unit No. 2 - Sites 6 and 82
Monitoring and O&M Support
CTO-0367

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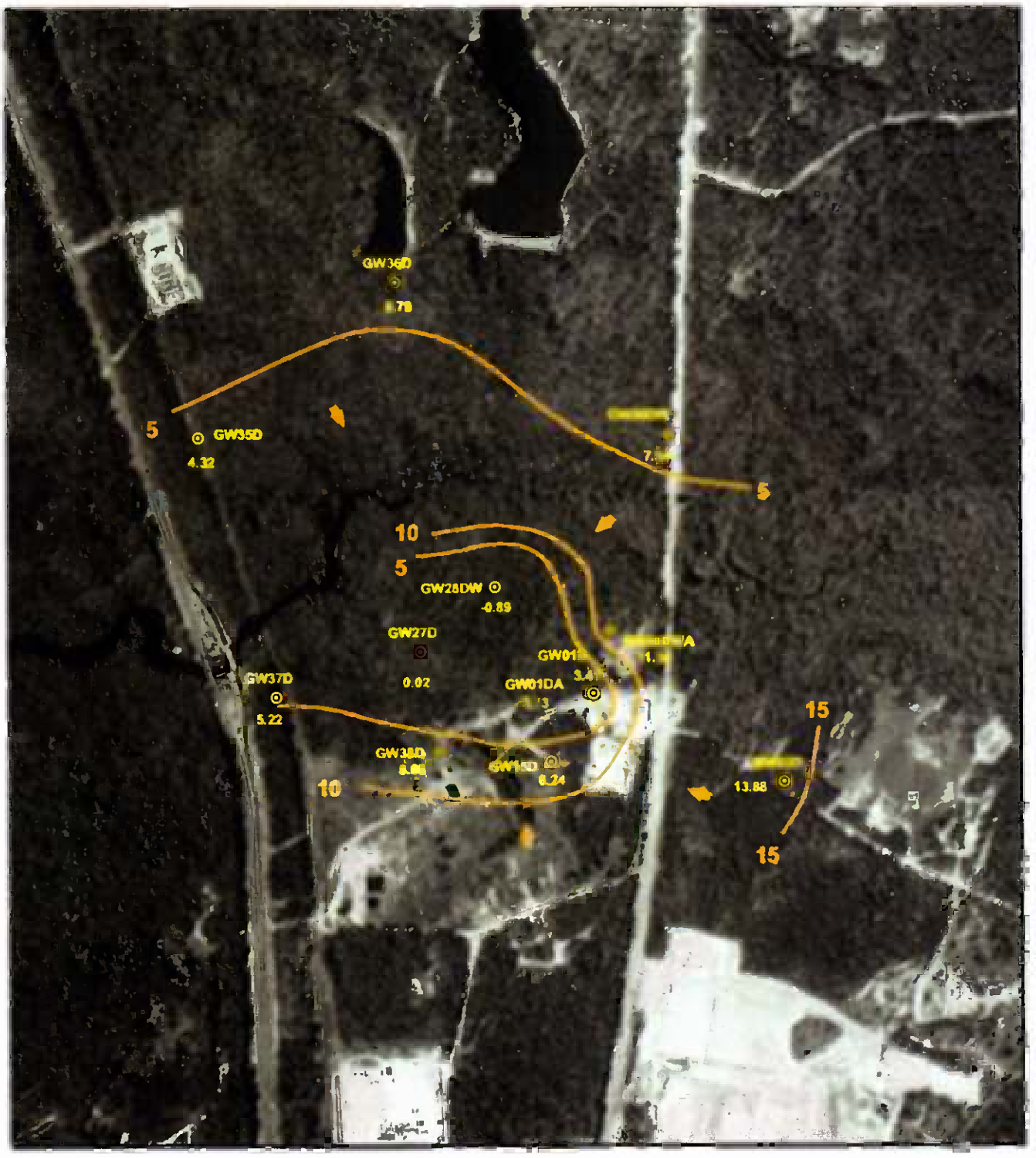
FIGURE 3



LEGEND

GW27D / 0.00 — Deep Monitoring Well Location with Static Groundwater Elevation

Groundwater Elevation Contour

Approximate Direction of Groundwater Flow

NOTES:

1. Static readings collected on October 29, 1997
2. Contours expressed in feet above mean sea level

Scale

500 0 500 1000 1500 Feet

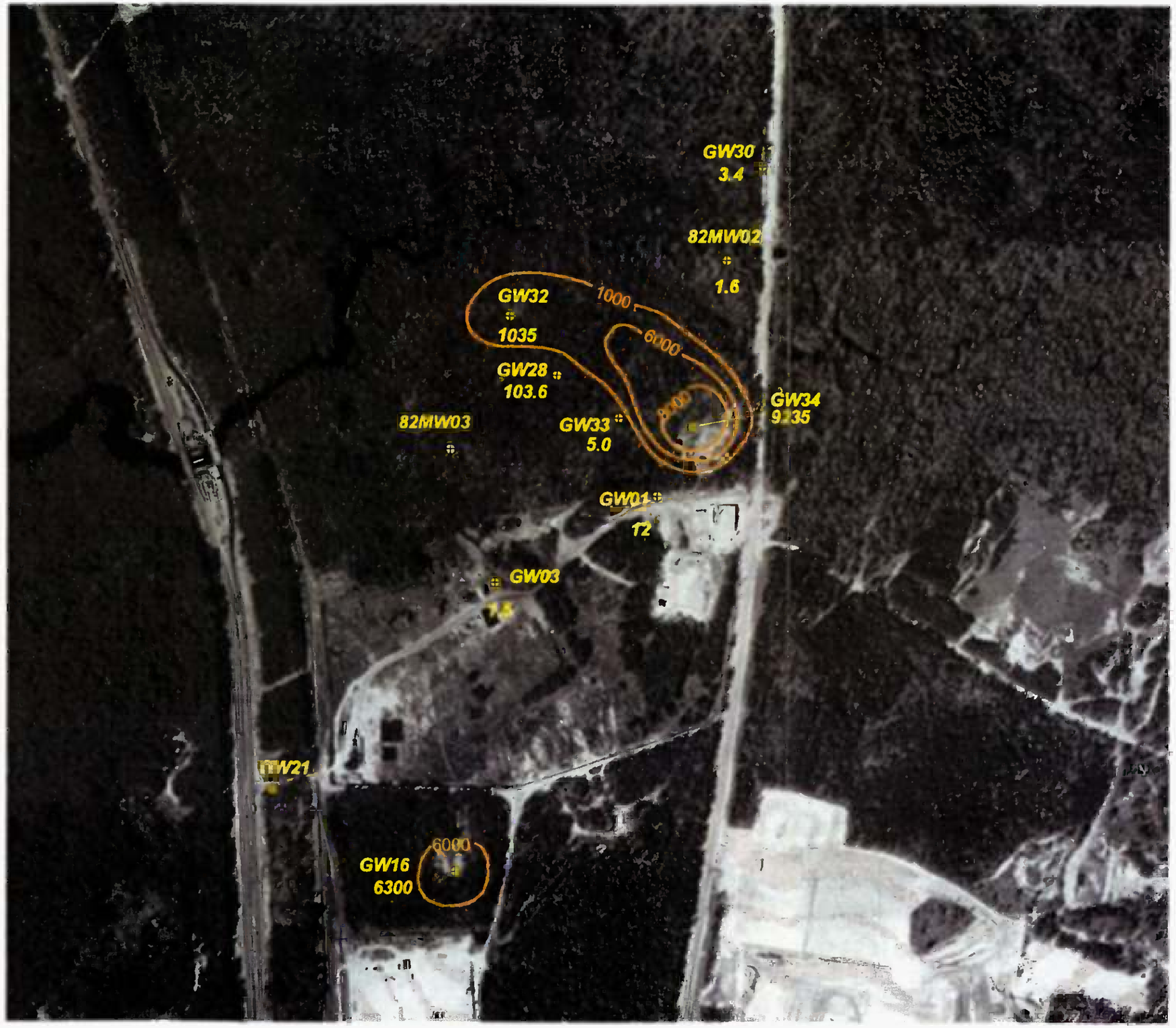
N W E S

MARINE CORPS BASE, CAMP LEJEUNE
NORTH CAROLINA

Deep Groundwater Contour Map
Operable Unit No. 2 - Sites 6 and 82
Monitoring and O&M Support
CTO-0367

Baker

FIGURE 4



LEGEND

GW08 ⊕ 4426.00 — Shallow Monitoring Well Location with Total VOC Concentration

Estimated Extent of Contaminant Concentrations

NOTES:

1. Concentrations presented in micrograms per liter

Scale

500 0 500 1000 Feet

N
W E
S

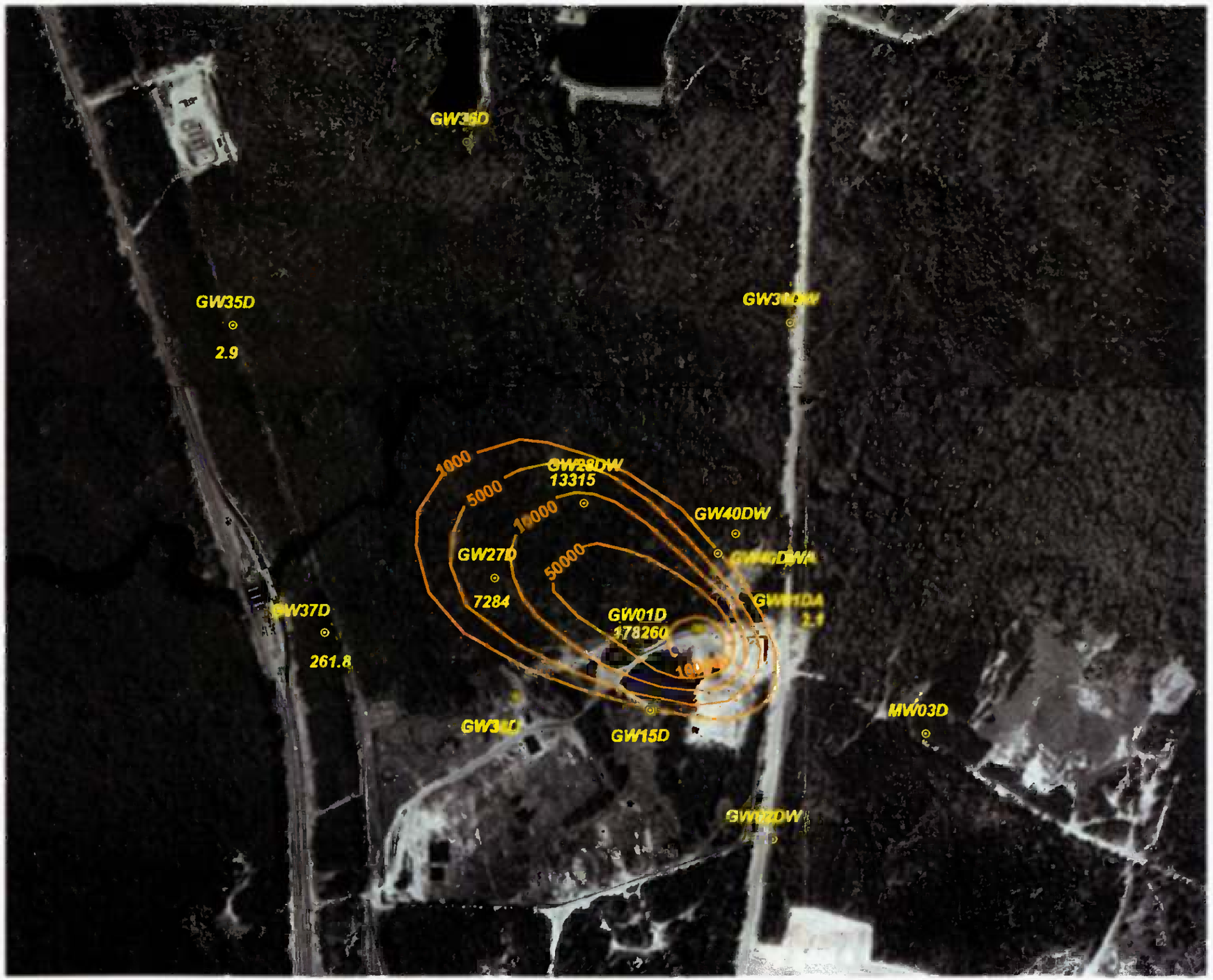
Loc ID	Parameter	Result	Units	Date
IR06-GW01	TETRACHLOROETHENE	12	UG/L	10/24/97
IR06-82GW02	VINYL CHLORIDE	1.6	UG/L	10/25/97
IR06-GW03	1,2-DICHLOROETHENE (TOTAL)	1.5	UG/L	10/25/97
IR06-GW16	CHLOROBENZENE	6300	UG/L	10/23/97
IR06-GW28	1,1,2,2-TETRACHLOROETHANE	2.6	UG/L	10/26/97
	1,2-DICHLOROETHENE (TOTAL)	15	UG/L	10/26/97
	TETRACHLOROETHENE	37	UG/L	10/26/97
	TRICHLOROETHENE	49	UG/L	10/26/97
IR06-GW30	TETRACHLOROETHENE	3.4	UG/L	10/25/97
IR06-GW32	1,1,2,2-TETRACHLOROETHANE	12	UG/L	10/26/97
	1,2-DICHLOROETHENE (TOTAL)	320	UG/L	10/26/97
	TETRACHLOROETHENE	33	UG/L	10/26/97
	TRICHLOROETHENE	670	UG/L	10/26/97
IR06-GW33	TETRACHLOROETHENE	5	UG/L	10/24/97
IR06-GW34	1,1,2,2-TETRACHLOROETHANE	8500	UG/L	10/24/97
	1,1,2-TRICHLOROETHANE	45	UG/L	10/24/97
	1,2-DICHLOROETHENE (TOTAL)	170	UG/L	10/24/97
	TETRACHLOROETHENE	120	UG/L	10/24/97
	TRICHLOROETHENE	400	UG/L	10/24/97

MARINE CORPS BASE, CAMP LEJEUNE NORTH CAROLINA

Volatile Organic Compounds in Shallow Groundwater
Operable Unit No. 2 - Sites 6 and 82
Monitoring and O&M Support
CTO-0367

Baker

FIGURE 5



LEGEND

GW28DW 13315 — Deep Monitoring Well Location with Total VOC Concentration

Estimated Extent of Contaminant Concentrations

NOTES:

1. Concentrations presented in micrograms per liter

Scale

300 0 300 600 900 1200 Feet

N W E S

Loc ID	Parameter	Result	Units	Date
IR06-GW01D	1,2-DICHLOROETHENE (TOTAL)	36000	UG/L	10/27/97
	TETRACHLOROETHENE	1600	UG/L	10/27/97
	TRICHLOROETHENE	140000	UG/L	10/27/97
	VINYL CHLORIDE	520	UG/L	10/27/97
IR06-GW01DA	TRICHLOROETHENE	2.1	UG/L	10/24/97
IR06-GW27DW	1,2-DICHLOROETHENE (TOTAL)	4300	UG/L	10/29/97
	TRICHLOROETHENE	2900	UG/L	10/29/97
	VINYL CHLORIDE	84	UG/L	10/29/97
IR06-GW28DW	1,2-DICHLOROETHENE (TOTAL)	3500	UG/L	10/28/97
	TETRACHLOROETHENE	140	UG/L	10/28/97
	TRICHLOROETHENE	9600	UG/L	10/28/97
	VINYL CHLORIDE	75	UG/L	10/28/97
IR06-GW35D	1,1,2,2-TETRACHLOROETHANE	2.9	UG/L	10/26/97
IR06-GW37D	1,2-DICHLOROETHENE (TOTAL)	230	UG/L	10/25/97
	BENZENE	7.8	UG/L	10/25/97
	TRICHLOROETHENE	8	UG/L	10/25/97
	VINYL CHLORIDE	16	UG/L	10/25/97

MARINE CORPS BASE, CAMP LEJEUNE NORTH CAROLINA

Volatile Organic Compounds in Deep Groundwater
Operable Unit No. 2 - Sites 6 and 82
Monitoring and O&M Support
CTO-0367

Baker

FIGURE 6

LEGEND

GW08 ⊕ Shallow Monitoring Well Location

GW27D ◎ Deep Monitoring Well Location

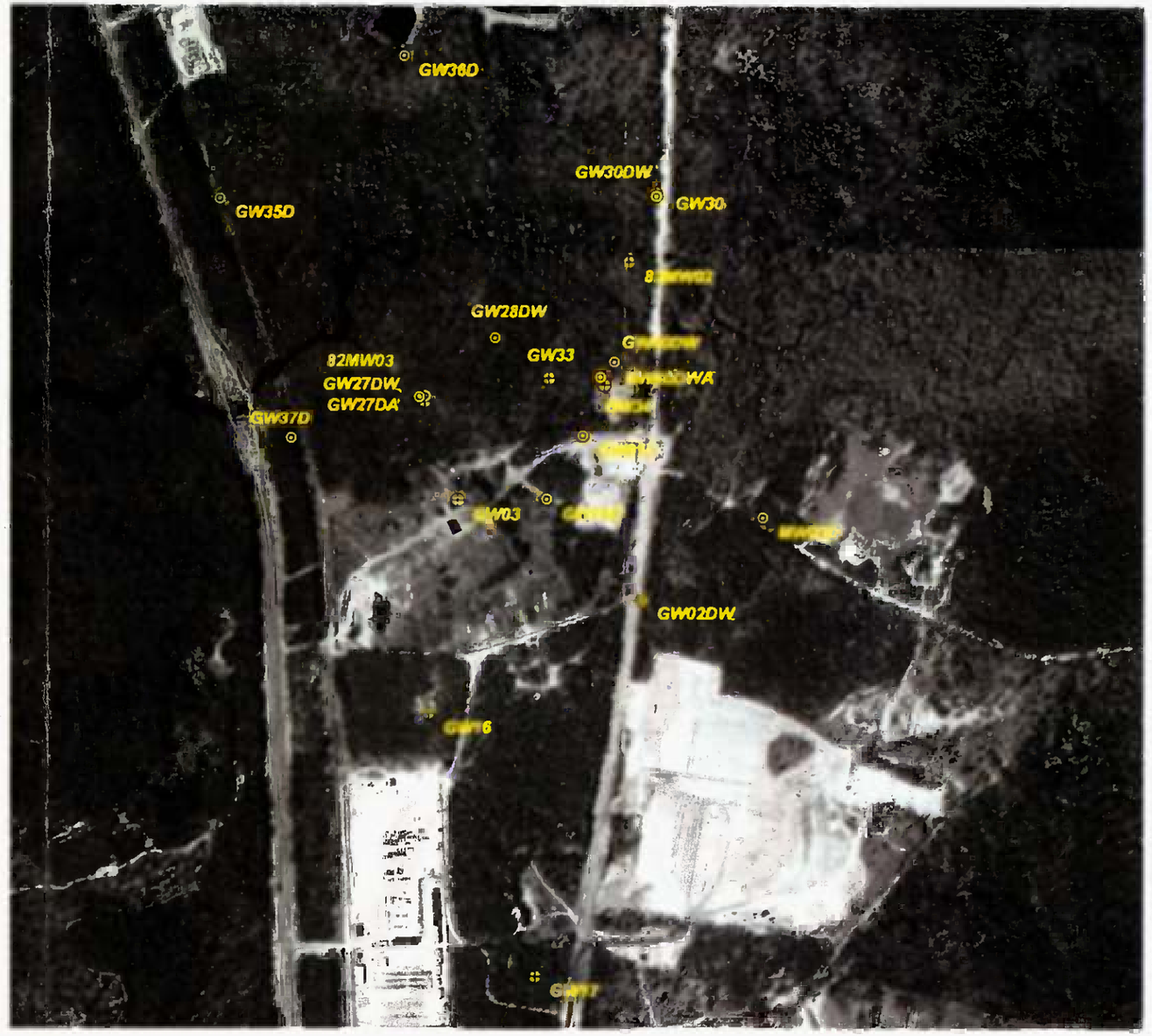
NOTES:

1. NCWQS = North Carolina Water Quality Standard
2. P_MCL = Primary Federal Maximum Contaminant Level
3. S_MCL = Secondary Federal Maximum Contaminant Level
4. Concentrations presented in micrograms per liter.

Scale

500 0 500 1000 1500 Feet

N W E S



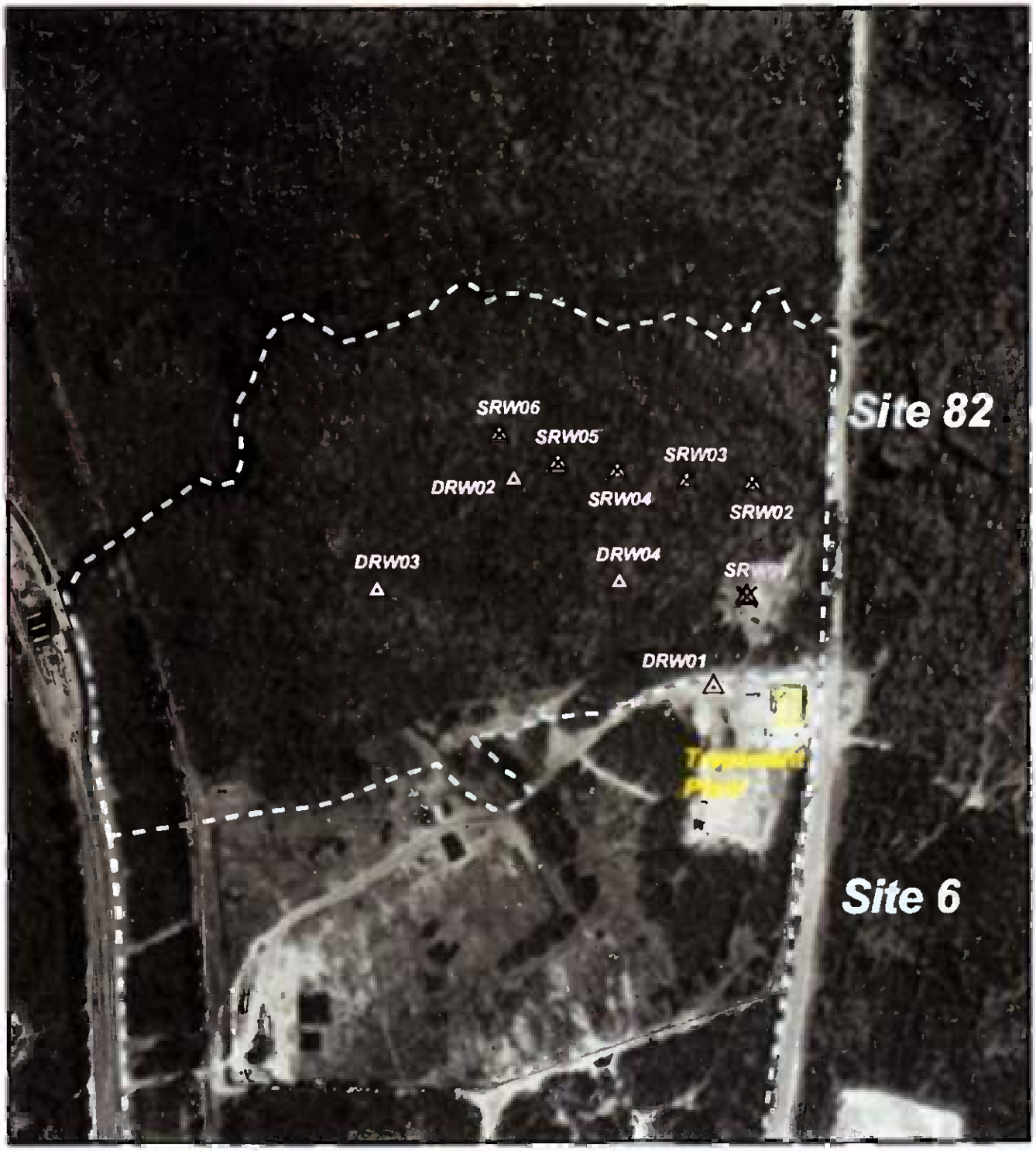
Location ID	Date	Units	Parameter	Result	NCWQS	P_MCL	S_MCL
IR06-GW01D	10/27/97	UG/L	IRON	1,280	300	NE	300
IR06-GW02DW	10/27/97	UG/L	IRON	569	300	NE	300
IR06-GW03	10/25/97	UG/L	CADMIUM	5.8	5.0	5	NE
IR06-GW03D	10/26/97	UG/L	IRON	996	300	NE	300
IR06-GW15D	10/29/97	UG/L	IRON	319	300	NE	300
IR06-GW16	10/23/97	UG/L	ALUMINUM	807	NE	NE	200
	10/23/97	UG/L	IRON	1,370	300	NE	300
	10/23/97	UG/L	MANGANESE	124	50	NE	50
IR06-GW17	10/26/97	UG/L	ALUMINUM	1,250	NE	NE	200
	10/26/97	UG/L	IRON	1,390	300	NE	300
IR06-GW27DW	10/29/97	UG/L	IRON	521	300	NE	300
IR06-GW27DA	10/29/97	UG/L	ALUMINUM	4,330	NE	NE	200
	10/29/97	UG/L	IRON	3,480	300	NE	300
IR06-GW28DW	10/28/97	UG/L	IRON	863	300	NE	300
IR06-GW30	10/25/97	UG/L	IRON	335	300	NE	300
IR06-GW30DW	10/25/97	UG/L	IRON	1,130	300	NE	300
IR06-GW33	10/24/97	UG/L	ALUMINUM	715	NE	NE	200
IR06-GW34	10/24/97	UG/L	ALUMINUM	822	NE	NE	200
IR06-GW35D	10/26/97	UG/L	IRON	733	300	NE	300
IR06-GW36D	10/25/97	UG/L	IRON	824	300	NE	300
IR06-GW40DWA	10/28/97	UG/L	ALUMINUM	356	NE	NE	200
	10/28/97	UG/L	IRON	497	300	NE	300
IR06-82GW03	10/28/97	UG/L	ALUMINUM	4,330	NE	NE	200
	10/28/97	UG/L	IRON	793	300	NE	300
	10/28/97	UG/L	MANGANESE	116	50	NE	50
IR06-82GW02	10/28/97	UG/L	IRON	5,490	300	NE	300
	10/28/97	UG/L	MANGANESE	58.4	50	NE	50
IR06-GW37D	10/25/97	UG/L	IRON	469	300	NE	300
IR06-GW40DW	10/28/97	UG/L	IRON	740	300	NE	300

MARINE CORPS BASE, CAMP LEJEUNE
NORTH CAROLINA

Metals in Groundwater
above Screening Standards
Operable Unit No. 2 - Sites 6 and 82
Monitoring and O&M Support
CTO-0367

Baker

FIGURE 7



LEGEND

SRW05 — Shallow Recovery Well Location

DRW05 — Deep Recovery Well Location

Scale

200 0 200 400 800 Feet

N
W E
S

MARINE CORPS BASE, CAMP LEJEUNE
NORTH CAROLINA

Installed Treatment System
Operable Unit No. 2 - Sites 6 and 82
Monitoring and O&M Support
CTO-0367

Baker

FIGURE 8

ATTACHMENTS

ATTACHMENT A
CHAIN-OF-CUSTODY DOCUMENTATION

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 2 *

Quanterra

Client	Project Manager	Date	Page
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	Page ~~2~~ 1 of ~~3~~ 4

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL

City	State	Zip Code	Site Contact
420 Rouser Rd	PA	15108	Baker Environmental, Inc.

Project Number/Name	Carrier/Waybill Number
Camp LeJeune	FedEx 5253096155

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : QUOTE: 21108

Sample I.D. Number and Description	Date 1997	Time	Sample Type	Containers Volume	Containers Type	No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP3O;L	MTCLP3OL	TDS	TSS
IR06-GW01-97D	10-24	0940	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW01-97D	10-24	0940	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW01-97D	10-24	0940	WATER	1000mL	PLASTIC	1	None					X	X
[redacted]			WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			WATER	500mL	PLASTIC	1	None					X	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
[redacted]			WATER	1000mL	PLASTIC	1	None						X
IR06-GW01DA-97D	10-24	1200	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW01DA-97D	10-24	1200	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW01DA-97D	10-24	1200	WATER	1000mL	PLASTIC	1	None					X	X
IR06-GW01DB-97D	10-24	1520	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW01DB-97D	10-24	1520	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW01DB-97D	10-24	1520	WATER	1000mL	PLASTIC	1	None					X	X

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
[signature]	10-24-97	1730	Fed Ex	10-24-97	1730
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

IR06-GW01DA & IR06-GW01DB have had chlorinated solvent conc. > 1000 ppb

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 6 *

Quanterra

QUA-4149-1

Client	Project Manager	Date
Baker Environmental, Inc.	Jamie McKinney	10/06/1997

Page 2 of 4

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL

City	State	Zip Code	Site Contact
420 Rouser Rd	PA	15108	Baker Environmental, Inc.

Project Number/Name	Carrier/Waybill Number
Camp LeJeune	FedEx 5253096155

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : QUOTE: 21108

Analysis

Sample I.D. Number and Description	Date 1997	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP3:L	MTCLP3OL	TDS	TSS
[redacted]			WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			WATER	500mL	PLASTIC	1	None					X	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
[redacted]			WATER	1000mL	PLASTIC	1	None						X
[redacted]			WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			WATER	500mL	PLASTIC	1	None					X	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
[redacted]			WATER	1000mL	PLASTIC	1	None						X
[redacted]			WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			WATER	500mL	PLASTIC	1	None					X	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
[redacted]			WATER	1000mL	PLASTIC	1	None						X
IR06-GW33-97D	10-24	1645	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
IR06-GW33-97D	10-24	1645	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW33-97D	10-24	1645	WATER	1000mL	PLASTIC	1	None					X	X

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

Relinquished By	Date	Time	Received By	Date	Time
[signature]	10-24-97	1730	1. FedEx	10-24-97	1730
			2.		
			3.		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 4 *

Quanterra

QUA-4149-1

Client: Baker Environmental, Inc.	Project Manager: Jamie McKinney	Date: 10/06/1997	Page 3 of 4
Address: Airport Office Park Bldg 3	Telephone Number (Area Code)/Fax Number: (412) 269-6000	Lab Location: QUANTERRA - KNOXVILL	Analysis
City: 420 Rouser Rd / State: PA / Zip Code: 15108	Site Contact: Baker Environmental, Inc.		
Project Number/Name: Camp LeJeune	Carrier/Waybill Number: 5253096155		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # :		QUOTE: 21108	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP3O:L	MTCLP3OL	TDS	TSS
[redacted]			WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			WATER	500mL	PLASTIC	1	None					X	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
[redacted]			WATER	1000mL	PLASTIC	1	None						X
IR06-GW16-97D	10-23	1845	WATER	40mL	VIAL	3	1:1 HCL		X				
~~IR06-GW16-97D~~			~~WATER~~	~~500mL~~	~~PLASTIC~~							~~X~~	
IR06-GW16-97D	10-23	1845	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW16-97D	10-23	1845	WATER	1000mL	PLASTIC	1	None					X	X
[redacted]			WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			WATER	500mL	PLASTIC	1	None					X	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
[redacted]			WATER	1000mL	PLASTIC	1	None						X
[redacted]			WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			WATER	500mL	PLASTIC	1	None					X	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
[redacted]			WATER	1000mL	PLASTIC	1	None						X

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

Relinquished By	Date	Time	Received By	Date	Time
1. [signature]	10-24-97	1730	1. Fed Ex	10-24-97	1730
2.			2.		
3.			3.		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

[redacted]

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 7 *

Quanterra

Client	Project Manager	Date	Page 4 of 4
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
Airport Office Park Bldg.3	(412) 269-6000	QUANTERRA - KNOXVILL	
City / **State** / **Zip Code**	**Site Contact**		
420 Rouser Rd / PA / 15108	Baker Environmental, Inc.		
Project Number/Name	**Carrier/Waybill Number**		
Camp LeJeune	FedEx 5253096155		
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # :		QUOTE: 21108	

Sample I.D. Number and Description	Date (1997)	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP30:L	MTCLP3OL	TDS	TSS
IR06-GW34-97D	10-24	1445	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW34-97D	10-24	1445	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW34-97D	10-24	1445	WATER	1000mL	PLASTIC	1	None					X	X
[redacted]			WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			WATER	500mL	PLASTIC	1	None					X	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
[redacted]			WATER	1000mL	PLASTIC	1	None						X
[redacted]			WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			WATER	500mL	PLASTIC	1	None					X	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
[redacted]			WATER	1000mL	PLASTIC	1	None						X
[redacted] IR06-TB01-97D	10-24	1700	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			WATER	500mL	PLASTIC	1	None					X	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
I[redacted]			WATER	1000mL	PLASTIC	1	None						X

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

Relinquished By	Date	Time	Received By	Date	Time
1. [signature]	10-24-97	1730	1. FedEx	10-24-97	1730
2.			2.		
3.			3.		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 7 *

Quanterra

Client	Project Manager	Date	Page
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	Page 1 of 5

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL

City	State	Zip Code	Site Contact
420 Rouser Rd	PA	15108	Baker Environmental, Inc.

Project Number/Name	Carrier/Waybill Number
Camp LeJeune	FedEx 5253096181

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : QUOTE: 21108

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP3O!L	MTCLP3OL	TDSS	TSS
[redacted]			[redacted]						[redacted]				
[redacted]			[redacted]						[redacted]				
[redacted]			[redacted]						[redacted]				
[redacted]			[redacted]						[redacted]				
[redacted]			[redacted]						[redacted]				
[redacted]			[redacted]						[redacted]				
IR06-GW35D-97D	10-26	0815	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW35D-97D	10-26	0815	WATER	1000mL	PLASTIC	1	None					X	X
[redacted]			[redacted]						[redacted]				
[redacted]			[redacted]						[redacted]				
IR06-GW36D-97D	10-25	1520	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW36D-97D	10-25	1520	WATER	1000mL	PLASTIC	1	None					X	X
[redacted]			[redacted]						[redacted]				
[redacted]			[redacted]						[redacted]				
IR06-GW37D-97D	10-25	0845	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW37D-97D	10-25	0845	WATER	1000mL	PLASTIC	1	None					X	X

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	10-27-97	1700	1. Received By: FedEx	10-27-97	1700
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 6 *

Quanterra

QUA-4149-1

Client	Project Manager	Date	Page 2 of 5
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL

City	State	Zip Code	Site Contact
420 Rouser Rd	PA	15108	Baker Environmental, Inc.

Project Number/Name: Camp LeJeune

Carrier/Waybill Number: Fed Ex 5253096181

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # :   QUOTE: 21108

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP3OL	MTCLP3OL	TDS	TSS
[redacted]													
IR06-GW30-97D	10-25	1040	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW30-97D	10-25	1040	WATER	1000mL	PLASTIC	1	None					X	X
[redacted]													
IR06-GW30DW-97D	10-25	1020	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW30DW-97D	10-25	1020	WATER	1000mL	PLASTIC	1	None					X	X
[redacted]													
IR06-GW32-97D	10-26	1500	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW32-97D	10-26	1500	WATER	1000mL	PLASTIC	1	None					X	X
[redacted]													

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

Relinquished By	Date	Time	Received By	Date	Time
[signature]	10-27-97	1700	1. Fed Ex	10-27-97	1700
			2.		
			3.		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

Quanterra

CHAIN OF CUSTODY NUMBER

* 0 0 0 0 3 6 1 - 0 0 3 *

IA-4149-1

Client	Project Manager	Date	Page 3 of 5
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL	
City / **State** / **Zip Code**	**Site Contact**		
20 Rouser Rd / PA / 15108	Baker Environmental, Inc.		
Project Number/Name	**Carrier/Waybill Number**		
Camp LeJeune			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # :

QUOTE: 21108

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
[redacted]			WATER	40ml	VIAL	3	1:1 HCl	
[redacted]			WATER	500mL	PLASTIC	1	None	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3	
[redacted]			WATER	1000mL	PLASTIC	1	None	
[redacted]			WATER	40ml	VIAL	3	1:1 HCl	
[redacted]			WATER	500mL	PLASTIC	1	None	
IR06-GW03-97D	10-25	1715	WATER	1000mL	PLASTIC	1	Conc HNO3	
IR06-GW03-97D	10-25	1715	WATER	1000mL	PLASTIC	1	None	
[redacted]			WATER	40ml	VIAL	3	1:1 HCl	
[redacted]			WATER	500mL	PLASTIC	1	None	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3	
[redacted]			WATER	1000mL	PLASTIC	1	None	
[redacted]			WATER	40ml	VIAL	3	1:1 HCl	
[redacted]			WATER	500mL	PLASTIC	1	None	
[redacted]			WATER	1000mL	PLASTIC	1	Conc HNO3	
[redacted]			WATER	1000mL	PLASTIC	1	None	

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

Relinquished By	Date	Time	1. Received By	Date	Time
[signature]	10-27-97	1700	Fed Ex	10-27-97	1700
Relinquished By	Date	Time	2. Received By	Date	Time
Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

Quanterra

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 1 *

QUA-4149-1

Client	Project Manager	Date	Page 4 of 5
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL	
City / State / Zip Code	**Site Contact**		
420 Rouser Rd / PA / 15108	Baker Environmental, Inc.		
Project Number/Name	**Carrier/Waybill Number**		
Camp LeJeune			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # :

QUOTE: 21108

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	MS	MC	MV	TC	TD	TS
[redacted]														
IR82-MW02-97D	10-25	1200	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X			
IR82-MW02-97D	10-25	1200	WATER	1000mL	PLASTIC	1	None					X		X
[redacted]														

Special Instructions

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level

☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	10-27-97	1700	1. Received By: FedEx	10-27-97	1700
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

Quanterra

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 3 *

OUA-4149-1

Client	Project Manager	Date
Baker Environmental, Inc.	Jamie McKinney	10/06/1997
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL
City / **State** / **Zip Code**	**Site Contact**	
420 Rouser Rd / PA / 15108	Baker Environmental, Inc.	
Project Number/Name	**Carrier/Waybill Number**	
Camp LeJeune	FedEx 525309618 1	

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # :

QUOTE: 21108

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis
[illegible]			[illegible]	40ml	VIAL	3	1:1 HCl		X
[illegible]			[illegible]	[illegible]	PLASTIC	1	None		X
[illegible]			[illegible]	1000ml	PLASTIC	1	[illegible]		X
[illegible]			[illegible]	1000ml	PLASTIC	1	None		X
[illegible]			WATER	[illegible]	[illegible]	[illegible]	1:1 HCl		X
[illegible]			[illegible]	[illegible]	PLASTIC	1	None		X
[illegible]			[illegible]	[illegible]	PLASTIC	1	Conc HNO3		X X
[illegible]			[illegible]	[illegible]	PLASTIC	1	None		X
[illegible]			[illegible]	40ml	VIAL	3	1:1 HCl		X
[illegible]			[illegible]	[illegible]	PLASTIC	[illegible]	[illegible]		X
IRO6-GW03D-97D	10-26	0950	WATER	1000mL	PLASTIC	1	Conc HNO3		X X
IRO6-GW03D-97D	10-26	0950	WATER	1000mL	PLASTIC	1	None		X
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	1:1 HCl		X
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	None		X
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	Conc HNO3		X
[illegible]			[illegible]	1000ml	PLASTIC	1	None		X

Special Instructions

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level

☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	10-27-97	1700	1. Received By: FedEx	10-27-97	1700
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

000361-001

Quanterra

Client	Project Manager	Date	Page 1 of 6
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Airport Office Park Bldg.3	(412) 269-6000	QUANTERRA - KNOXVILL

City	State	Zip Code	Site Contact
420 Rouser Rd	PA	15108	Baker Environmental, Inc.

Project Number/Name	Carrier/Waybill Number
Camp LeJeune	FedEx 52[illegible]5309181

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : QUOTE: 21108

Analysis

Sample I.D. Number and Description	Date 1997	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP30:L	MTCLP30L	TDSS	TSS
[redacted]													
IR82-MW02-97D	10-25	1200	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	10-27-97	1700	1. Received By FedEx	10-27-97	1700
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 3 *

Quanterra

Client	Project Manager	Date	Page 2 of 6
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL

City	State	Zip Code	Site Contact
420 Rouser Rd	PA	15108	Baker Environmental, Inc.

Project Number/Name	Carrier/Waybill Number
Camp LeJeune	Fed Ex 5253096181

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : QUOTE: 21108

Sample I.D. Number and Description	Date 1997	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: MSVCLP31	MCLP30:L	MTCLP30L	TDS	TSS
IR06-GW02DW-97D	10-27	1130	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW02DW-97D	10-27	1130	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW02DW-97D	10-27	1130	WATER	1000mL	PLASTIC	1	None					X	X
IR06-GW03-97D	10-25	1715	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW03D-97D	10-26	0956	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
[signature]	10-27-97	1700	Fed Ex	10-27-97	1700
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 4 *

Quanterra

Client	Project Manager	Date	Page 3 of 6
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL

City	State	Zip Code	Site Contact
420 Rouser Rd	PA	15108	Baker Environmental, Inc.

Project Number/Name	Carrier/Waybill Number
Camp LeJeune	Fed Ex 5253096181

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # :   QUOTE: 21108

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP3O:L	MTCLP3OL	TDSS	TSS
[redacted]													
IR06-GW17-97D	10-26	1115	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW21-97D	10-26	1210	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													

Special Instructions

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other ______

QC Level ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

Relinquished By	Date	Time	Received By	Date	Time
[signature]	10-27-97	1700	1. Fed Ex	10-27-97	1700
			2.		
			3.		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 5 *

Quanterra

Client	Project Manager	Date	Page 4 of 6
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL

City	State	Zip Code	Site Contact
420 Rouser Rd	PA	15108	Baker Environmental, Inc.

Project Number/Name	Carrier/Waybill Number
Camp LeJeune	Fed Ex 5253096181

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : QUOTE: 21108

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: MSVCLP31	Analysis: MCLP3O!L	Analysis: MTCLP3OL	Analysis: TDS	Analysis: TSS
[redacted]													
IR06-GW28S-97D	10-26	1415	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													

Special Instructions

Possible Hazard Identification	Sample Disposal
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown	☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required	QC Level	Project Specific Requirements (Specify)
☒ Normal ☐ Rush ☐ Other ______	☐ I. ☐ II. ☐ III.	

Relinquished By	Date	Time	Received By	Date	Time
[signature]	10-27-97	1700	1. FedEx	10-27-97	1700
			2.		
			3.		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 6 *

Quanterra

Client: Baker Environmental, Inc.	Project Manager: Jamie McKinney	Date: 10/06/1997	Page 5 of 6
Address: Airport Office Park Bldg 3	Telephone Number (Area Code)/Fax Number: (412) 269-6000	Lab Location: QUANTERRA - KNOXVILL	Analysis
City: 420 Rouser Rd · State: PA · Zip Code: 15108	Site Contact: Baker Environmental, Inc.		
Project Number/Name: Camp LeJeune	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # :	QUOTE: 21108		

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP3O;L	MTCLP3OL	TDS	TSS
IR06-GW30-97D	10-25	1040	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			[redacted]						[redacted]				
IR06-GW30DW-97D	10-25	1020	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			[redacted]						[redacted]				
IR06-GW32-97D	10-26	1500	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]			[redacted]						[redacted]				

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

Relinquished By: [signature]	Date: 10-27-97	Time: 1700	1. Received By: Fed Ex	Date: 10-27-97	Time: 1700
Relinquished By	Date	Time	2. Received By	Date	Time
Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 7 *

Quanterra

Client: Baker Environmental, Inc.	Project Manager: Jamie McKinney	Date: 10/06/1997	Page 6 of 6
Address: Airport Office Park Bldg 3	Telephone Number (Area Code)/Fax Number: (412) 269-6000	Lab Location: QUANTERRA - KNOXVILL	
City: 420 Rouser Rd / State: PA / Zip Code: 15108	Site Contact: Baker Environmental, Inc.		
Project Number/Name: Camp LeJeune	Carrier/Waybill Number: FedEx 5253096181		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # :		QUOTE: 21108	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: MSVCLP31	Analysis: MCLP3O:L	Analysis: MTCLP3OL	Analysis: TDS	Analysis: TSS
[redacted]													
IR06-GW35D-97D	10-26	0815	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW36D-97D	10-25	1520	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW37D-97D	10-25	0845	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	10-27-97	1700	1. Received By: FedEx	10-27-97	1700
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - ...

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 1 *

Quanterra

QUA-4149-1

Client: Baker Environmental, Inc.	Project Manager: Jamie McKinney	Date: 10/06/1997	Page 1 of 5
Address: Airport Office Park Bldg.3	Telephone Number (Area Code)/Fax Number: (412) 269-6000	Lab Location: QUANTERRA - KNOXVILL	Analysis
City: 420 Rouser Rd / State: PA / Zip Code: 15108	Site Contact: Baker Environmental, Inc.		
Project Number/Name: Camp LeJeune	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # :		QUOTE: 21108	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP3O;L	MTCLP3OL	TDS	TSS
IR06-GW40DW-97D	10-28	0930	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW40DW-97D	10-28	0930	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW40DW-97D	10-28	0930	WATER	1000mL	PLASTIC	1	None					X	X
IR06-GW40DWA-97D	10-28	1200	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
[redacted]													
[redacted]													
[redacted]													
[redacted]													
[redacted]													
[redacted]													
IR82-MW03-97D	10-28	1535	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
[redacted]													
[redacted]													

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By: [signature]	Date: 10-29-97	Time: 1700	1. Received By: FedEx	Date: 10-29-97	Time: 1700
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

Both GW4ØDW and GW40DWA have had + detections of VOAs > 1000 ppb

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 4 *

Quanterra

Client	Project Manager	Date	Page 2 of 5
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL

City	State	Zip Code	Site Contact
420 Rouser Rd	PA	15108	Baker Environmental, Inc.

Project Number/Name	Carrier/Waybill Number
Camp LeJeune	Fed Ex 5253096166

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : QUOTE: 21108

Sample I.D. Number and Description	Date 1997	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis MSVCLP31	MCLP3O:L	MTCLP3OL	TDSS	TSS
IR06-GW15D-97D	10-29	1030	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW17-97D	10-26	1115	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW17-97D	10-26	1115	WATER	1000mL	PLASTIC	1	None					X	X
[redacted]													
IR06-GW21-97D	10-26	1210	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW21-97D	10-26	1210	WATER	1000mL	PLASTIC	1	None					X	X

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	10-29-97	1700	1. Received By Fed Ex	10-29-97	1700
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: W[illegible] - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

Quanterra

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 8 *

QUA-4149-1

Client	Project Manager	Date	Page 3 of 5
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL	
City / **State** / **Zip Code**	**Site Contact**		
420 Rouser Rd / PA / 15108	Baker Environmental, Inc.		
Project Number/Name	**Carrier/Waybill Number**		
Camp LeJeune	FedEx 525309616 6		
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # :	QUOTE: 21108		

Sample I.D. Number and Description	Date 1997	Time	Sample Type	Containers: Volume	Type	No.	Preservative	Condition on Receipt/Comments	MS	MC	MC	TS	TS
IR06-GW38D-97D	10-27	1645	WATER	40mL	VIAL	3	1:1 HCL		X				
~~IR06-GW70D-97D~~			~~WATER~~	~~500mL~~	~~PLASTIC~~	~~1~~	~~None~~					X	
IR06-GW38D-97D	10-27	1645	WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW38D-97D	10-27	1645	WATER	1000mL	PLASTIC	1	None					X	X
IR06-TB03-97D	10-28	0700	Water	40 mL	vial	3	1:1 HCL		X				

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Th F. Tuhill	10-29-97	1700	1. Received By: FedEx	10-29-97	1700
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 5 *

Quanterra

Client: Baker Environmental, Inc.	Project Manager: Jamie McKinney	Date: 10/06/1997	Page 4 of 5
Address: Airport Office Park Bldg 3	Telephone Number (Area Code)/Fax Number: (412) 269-6000	Lab Location: QUANTERRA - KNOXVILL	Analysis
City: 420 Rouser Rd; State: PA; Zip Code: 15108	Site Contact: Baker Environmental, Inc.		
Project Number/Name: Camp LeJeune	Carrier/Waybill Number: FedEx 525 3096166		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # :		QUOTE: 21108	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP3O:L	MTCLP3OL	TDS	TSS
IR06-GW27DW-97D	10-29	0700	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW27DA-97D	10-29	0745	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW28S-97D	10-26	1415	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													
IR06-GW28DW-97D	10-28	1400	WATER	40mL	VIAL	3	1:1 HCL		X				
[redacted]													

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By: [signature]	Date: 10-29-97	Time: 1700	1. Received By: FedEx	Date: 10-29-97	Time: 1700
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

GWZ' W and GW28DW have had + det tions of VOAs > 1000 ppb

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

QUA-4149-1

CHAIN OF CUSTODY NUMBER

* 0 0 0 3 6 1 - 0 0 2 *

Quanterra

Client	Project Manager	Date	Page 5 of 5
Baker Environmental, Inc.	Jamie McKinney	10/06/1997	

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Airport Office Park Bldg 3	(412) 269-6000	QUANTERRA - KNOXVILL

City	State	Zip Code	Site Contact
420 Rouser Rd	PA	15108	Baker Environmental, Inc.

Project Number/Name	Carrier/Waybill Number
Camp LeJeune	FedEx 5253096166

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : QUOTE: 21108

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MSVCLP31	MCLP3O:L	MTCLP3OL	TDS	TSS
[illegible]			WATER	40mL	VIAL	3	1:1 HCL		X				
IR06-GW01-97D			[illegible]	[illegible]	PLASTIC	1	None					X	
IR06-[illegible]			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
[illegible]			WATER	[illegible]	PLASTIC	1	None						X
IR06-GW01D-97D	10-27	1915	WATER	40mL	VIAL	3	1:1 HCL		X				
[illegible]			WATER	500mL	PLASTIC	1	None					X	
IR06-GW01D-97D			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR[illegible]GW01D-97D			WATER	1000mL	PLASTIC	1	None						X
IR06-GW01[illegible]			WATER	40mL	VIAL	[illegible]	[illegible]		X				
IR06-GW01DA-97D			WATER	[illegible]	PLASTIC	1	None					X	
IR06-GW01DA-97D			[illegible]	1000mL	PLASTIC	1	Conc HNO3			X	X		
IR06-GW01DA-97D			WATER	[illegible]	[illegible]	1	None						X
IR06-GW01DB-97D			WATER	40mL	VIAL	3	1:1 [illegible]		X				
IR06-GW01D[illegible]			WATER	500mL	PLASTIC	1	None					X	
IR0[illegible]01DB-97D			WATER	1000mL	PLASTIC	1	Conc HNO3			X	X		
[illegible]			WATER	1000mL	PLASTIC	[illegible]	[illegible]						

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
[signature]	10-29-97	1700	FedEx	10-29-97	1700
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

GWØ1D has had + detections of VOAs > 10,000 ppb

ATTACHMENT B
MONITORING PROGRAM ANALYTICAL RESULTS - OCTOBER 1997

GROUNDWATER ANALYTICAL RESULTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA
VOLATILE ORGANICS

SAMPLE ID	IR06-GW01-97D	IR06-GW01D-97D	IR06-GW01DA-97D	IR06-GW01DB-97D	IR06-GW02DW-97D	IR06-GW03-97D	IR06-GW03D-97D
LAB ID	H7J270114001	H7J300160013	H7J270114002	H7J270114003	H7J280132002	H7J280132003	H7J280132004
DATE SAMPLED	10-24-1997	10-27-1997	10-24-1997	10-24-1997	10-27-1997	10-25-1997	10-26-1997
VOLATILES (ug/L)							
1,1,1-Trichloroethane	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	10 U	36000 D	10 U	10 U	10 U	1.5 J	10 U
1,2-Dichloropropane	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Acetone	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Benzene	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Bromoform	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10 U	1000 U	10 U	10 U	10 U	3.5 J	10 U
Chloromethane	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	10 U	140 J B	10 U	10 U	10 U	10 U	10 U
Styrene	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	12	1600	10 U	10 U	10 U	10 U	10 U
Toluene	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10 U	1000 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	10 U	140000 D	2.1 J	10 U	10 U	10 U	10 U
Vinyl chloride	10 U	520 J	10 U	10 U	10 U	10 U	10 U
Xylenes (total)	10 U	1000 U	10 U	10 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA
VOLATILE ORGANICS

SAMPLE ID	IR06-GW15D-97D	IR06-GW16-97D	IR06-GW17-97D	IR06-GW21-97D	IR06-GW27DA-97D	IR06-GW27DW-97D	IR06-GW28DW-97D
LAB ID	H7J300160004	H7J270114005	H7J280132005	H7J280132006	H7J300160010	H7J300160009	H7J300160012
DATE SAMPLED	10-29-1997	10-23-1997	10-26-1997	10-26-1997	10-29-1997	10-29-1997	10-28-1997
VOLATILES (ug/L)							
1,1,1-Trichloroethane	10 U	500 U	10 U	10 U	10 U	500 U	500 U
1,1,2,2-Tetrachloroethane	10 U	500 U	10 U	10 U	10 U	500 U	500 U
1,1,2-Trichloroethane	10 U	500 U	10 U	10 U	10 U	500 U	500 U
1,1-Dichloroethane	10 U	500 U	10 U	10 U	10 U	500 U	500 U
1,1-Dichloroethene	10 U	500 U	10 U	10 U	10 U	500 U	500 U
1,2-Dichloroethane	10 U	500 U	10 U	10 U	10 U	500 U	500 U
1,2-Dichloroethene (total)	10 U	500 U	10 U	10 U	10 U	4300	3500 D
1,2-Dichloropropane	10 U	500 U	10 U	10 U	10 U	500 U	500 U
2-Butanone	10 U	500 U	10 U	10 U	10 U	500 U	500 U
2-Hexanone	10 U	500 U	10 U	10 U	10 U	500 U	500 U
4-Methyl-2-pentanone	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Acetone	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Benzene	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Bromodichloromethane	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Bromoform	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Bromomethane	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Carbon disulfide	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Carbon tetrachloride	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Chlorobenzene	10 U	6300	10 U	10 U	10 U	500 U	500 U
Chloroethane	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Chloroform	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Chloromethane	10 U	500 U	10 U	10 U	10 U	500 U	500 U
cis-1,3-Dichloropropene	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Dibromochloromethane	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Ethylbenzene	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Methylene chloride	1.1 J B	500 U	10 U	10 U	1.1 J B	73 J B	69 J B
Styrene	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Tetrachloroethene	10 U	500 U	10 U	10 U	10 U	500 U	140 J
Toluene	10 U	500 U	10 U	10 U	10 U	500 U	500 U
trans-1,3-Dichloropropene	10 U	500 U	10 U	10 U	10 U	500 U	500 U
Trichloroethene	10 U	500 U	10 U	10 U	10 U	2900	9600 D
Vinyl chloride	10 U	500 U	10 U	10 U	10 U	84 J	75 J
Xylenes (total)	10 U	500 U	10 U	10 U	10 U	500 U	500 U

GROUNDWATER ANALYTICAL RESULTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA
VOLATILE ORGANICS

SAMPLE ID	IR06-GW28-97D	IR06-GW30-97D	IR06-GW30DW-97D	IR06-GW32-97D	IR06-GW33-97D	IR06-GW34-97D	IR06-GW35D-97D
LAB ID	H7J280132007	H7J280132008	H7J280132009	H7J280132010	H7J270114004	H7J270114006	H7J280132011
DATE SAMPLED	10-26-1997	10-25-1997	10-25-1997	10-26-1997	10-24-1997	10-24-1997	10-26-1997
VOLATILES (ug/L)							
1,1,1-Trichloroethane	10 U	10 U	10 U	50 U	10 U	100 U	10 U
1,1,2,2-Tetrachloroethane	2.6 J	10 U	10 U	12 J	10 U	8500 D	2.9 J
1,1,2-Trichloroethane	10 U	10 U	10 U	50 U	10 U	45 J	10 U
1,1-Dichloroethane	10 U	10 U	10 U	50 U	10 U	100 U	10 U
1,1-Dichloroethene	10 U	10 U	10 U	50 U	10 U	100 U	10 U
1,2-Dichloroethane	10 U	10 U	10 U	50 U	10 U	100 U	10 U
1,2-Dichloroethene (total)	15	10 U	10 U	320	10 U	170	10 U
1,2-Dichloropropane	10 U	10 U	10 U	50 U	10 U	100 U	10 U
2-Butanone	10 U	10 U	10 U	50 U	10 U	100 U	10 U
2-Hexanone	10 U	10 U	10 U	50 U	10 U	100 U	10 U
4-Methyl-2-pentanone	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Acetone	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Benzene	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Bromodichloromethane	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Bromoform	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Bromomethane	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Carbon disulfide	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Carbon tetrachloride	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Chlorobenzene	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Chloroethane	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Chloroform	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Chloromethane	10 U	10 U	10 U	50 U	10 U	100 U	10 U
cis-1,3-Dichloropropene	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Dibromochloromethane	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Ethylbenzene	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Methylene chloride	1.1 J	1.2 J B	1.1 J B	50 U	10 U	100 U	10 U
Styrene	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Tetrachloroethene	37	3.4 J	10 U	33 J	5 J	120	10 U
Toluene	10 U	10 U	10 U	50 U	10 U	100 U	10 U
trans-1,3-Dichloropropene	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Trichloroethene	49	10 U	10 U	670	10 U	400	10 U
Vinyl chloride	10 U	10 U	10 U	50 U	10 U	100 U	10 U
Xylenes (total)	10 U	10 U	10 U	50 U	10 U	100 U	10 U

GROUNDWATER ANALYTICAL RESULTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA
VOLATILE ORGANICS

SAMPLE ID	IR06-GW36D-97D	IR06-GW37D-97D	IR06-GW38D-97D	IR06-GW40DW-97D	IR06-GW40DWA-97D
LAB ID	H7J280132012	H7J280132013	H7J300160007	H7J300160001	H7J300160002
DATE SAMPLED	10-25-1997	10-25-1997	10-27-1997	10-28-1997	10-28-1997
VOLATILES (ug/L)					
1,1,1-Trichloroethane	10 U	50 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	50 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	50 U	10 U	10 U	10 U
1,1-Dichloroethane	10 U	50 U	10 U	10 U	10 U
1,1-Dichloroethene	10 U	50 U	10 U	10 U	10 U
1,2-Dichloroethane	10 U	50 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	10 U	230	10 U	10 U	10 U
1,2-Dichloropropane	10 U	50 U	10 U	10 U	10 U
2-Butanone	10 U	50 U	10 U	10 U	10 U
2-Hexanone	10 U	50 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10 U	50 U	10 U	10 U	10 U
Acetone	10 U	50 U	10 U	10 U	10 U
Benzene	10 U	7.8 J	10 U	10 U	10 U
Bromodichloromethane	10 U	50 U	10 U	10 U	10 U
Bromoform	10 U	50 U	10 U	10 U	10 U
Bromomethane	10 U	50 U	10 U	10 U	10 U
Carbon disulfide	10 U	50 U	10 U	10 U	10 U
Carbon tetrachloride	10 U	50 U	10 U	10 U	10 U
Chlorobenzene	10 U	50 U	10 U	10 U	10 U
Chloroethane	10 U	50 U	10 U	10 U	10 U
Chloroform	10 U	50 U	10 U	10 U	10 U
Chloromethane	10 U	50 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10 U	50 U	10 U	10 U	10 U
Dibromochloromethane	10 U	50 U	10 U	10 U	10 U
Ethylbenzene	10 U	50 U	10 U	10 U	10 U
Methylene chloride	1.1 J B	50 U	1.2 J B	1.5 J B	1.4 J B
Styrene	10 U	50 U	10 U	10 U	10 U
Tetrachloroethene	10 U	50 U	10 U	10 U	10 U
Toluene	10 U	50 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10 U	50 U	10 U	10 U	10 U
Trichloroethene	10 U	8 J	10 U	10 U	10 U
Vinyl chloride	10 U	16 J	10 U	10 U	10 U
Xylenes (total)	10 U	50 U	10 U	10 U	10 U

GROUNDWATER ANALYTICAL RESULTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS AND WET CHEMISTRY

SAMPLE ID	IR06-GW01-97D	IR06-GW01D-97D	IR06-GW01DA-97D	IR06-GW01DB-97D	IR06-GW02DW-97D	IR06-GW03-97D	IR06-GW03D-97D
LAB ID	H7J270114001	H7J300160013	H7J270114002	H7J270114003	H7J280132002	H7J280132003	H7J280132004
DATE SAMPLED	10-24-1997	10-27-1997	10-24-1997	10-24-1997	10-27-1997	10-25-1997	10-26-1997
TOTAL METALS (ug/L)							
Aluminum	45.7 B	142 B	74.1 B	47.3 B	85.5 B	59 B	145 B
Antimony	60 U	25.9 B	60 U	60 U	60 U	60 U	60 U
Arsenic	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	23.9 B	33.2 B	2.2 B	0.74 B	8.1 B	45.1 B	13.9 B
Beryllium	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5 U	5 U	5 U	5 U	5 U	5.8	5 U
Calcium	37000	153000	37000	5470	68700	45100	53700
Chromium	10 U	8.5 B	6.4 B	10 U	10 U	4.7 B	10 U
Cobalt	50 U	3.1 B	50 U	50 U	50 U	50 U	50 U
Copper	25 U	25 U	25 U	25 U	25 U	2.4 B	25 U
Iron	299	1280	137	46.1 B	569	164	996
Lead	2.2 B	4.6	3 U	1.8 B	3 U	3 U	3 U
Magnesium	1830 B	3550 B	3650 B	2540 B	1590 B	3310 B	1110 B
Manganese	4.4 B	45.5	21	15 U	10.8 B	3 B	28.8
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Potassium	2320 B	1980 B	9940	12400	1950 B	4670 B	1140 B
Selenium	3.9 B	5 U	5 U	5 U	5 U	7.5	5 U
Silver	4.4 B	10 U	5.1 B	10 U	10 U	3.3 B	10 U
Sodium	4180 B	5190	26800	275000	4630 B	4010 B	3920 B
Thallium	5.8 B	3.1 B	5.1 B	4 B	3.4 B	3.9 B	10 U
Vanadium	6.4 B	23.9 B	6.6 B	50 U	13.9 B	8.4 B	13.2 B
Zinc	8.4 B	35.3	5.3 B	29.4	41	619	8.9 B
WET CHEMISTRY (mg/L)							
Total Dissolved Solids	150	440	220	740	180	170	140
Total Suspended Solids	4 U	12	7	4 U	4 U	4 U	4 U

GROUNDWATER ANALYTICAL RESULTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS AND WET CHEMISTRY

SAMPLE ID	IR06-GW15D-97D	IR06-GW16-97D	IR06-GW17-97D	IR06-GW21-97D	IR06-GW27DA-97D	IR06-GW27DW-97D	IR06-GW28DW-97D
LAB ID	H7J300160004	H7J270114005	H7J300160005	H7J300160006	H7J300160010	H7J300160009	H7J300160012
DATE SAMPLED	10-29-1997	10-23-1997	10-26-1997	10-26-1997	10-29-1997	10-29-1997	10-28-1997
TOTAL METALS (ug/L)							
Aluminum	44.5 B	807	1250	175 B	4330	20.3 B	77.8 B
Antimony	60 U	60 U	60 U	60 U	60 U	60 U	60 U
Arsenic	10 U	10 U	10 U	10 U	6.2 B	10 U	10 U
Barium	2.9 B	45.3 B	105 B	49.5 B	40.6 B	7.5 B	7.6 B
Beryllium	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	45900	17600	21700	5400	46700	63500	75600
Chromium	10 U	10 U	5.3 B	10 U	18.6	10 U	10 U
Cobalt	50 U	50 U	50 U	50 U	3.3 B	50 U	50 U
Copper	25 U	25 U	3.1 B	25 U	7.8 B	25 U	25 U
Iron	319	1370	1390	100 U	3480	521	863
Lead	3 U	3 U	2.5 B	3 U	6.2	3 U	1.6 B
Magnesium	1020 B	1620 B	915 B	1610 B	1320 B	1310 B	1510 B
Manganese	12.8 B	124	7.4 B	12.3 B	35.1	11.6 B	21.4
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Potassium	1090 B	1130 B	2030 B	879 B	8790	960 B	1310 B
Selenium	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	3890 B	9650	10500	8040	157000	4590 B	4850 B
Thallium	10 U	10 U	4.2 B	10 U	3 B	10 U	3.8 B
Vanadium	50 U	50 U	9.8 B	50 U	18 B	10 B	14.5 B
Zinc	30.3	803	25.3	15.4 B	37	23.3	17.2 B
WET CHEMISTRY (mg/L)							
Total Dissolved Solids	100	220	170	86	380	150	170
Total Suspended Solids	4 U	4 U	4	4 U	190	4 U	9

GROUNDWATER ANALYTICAL RESULTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS AND WET CHEMISTRY

SAMPLE ID	IR06-GW28S-97D	IR06-GW30-97D	IR06-GW30DW-97D	IR06-GW32-97D	IR06-GW33-97D	IR06-GW34-97D	IR06-GW35D-97D
LAB ID	H7J300160011	H7J280132008	H7J280132009	H7J280132010	H7J270114004	H7J270114006	H7J280132011
DATE SAMPLED	10-26-1997	10-25-1997	10-25-1997	10-26-1997	10-24-1997	10-24-1997	10-26-1997
TOTAL METALS (ug/L)							
Aluminum	92 B	110 B	20.3 B	30.6 B	715	822	118 B
Antimony	60 U	60 U	60 U	60 U	60 U	60 U	60 U
Arsenic	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	23.8 B	12.8 B	4 B	17.3 B	80.1 B	97.9 B	10.7 B
Beryllium	5 U	0.51 B	5 U	5 U	5 U	0.42 B	5 U
Cadmium	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	7760	24100	62200	18300	1690 B	7030	75200
Chromium	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Iron	7.6 B	335	1130	14 B	258	19.4 B	733
Lead	6.2	3 U	3 U	3 U	3 U	4.6	3 U
Magnesium	2010 B	1610 B	1510 B	1540 B	4010 B	7420	2030 B
Manganese	11.4 B	24.4	34.1	8.7 B	10.9 B	30.8	31
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	40 U	12.9 B	40 U	40 U	40 U	40 U	40 U
Potassium	1260 B	1380 B	1050 B	1270 B	768 B	10200	1960 B
Selenium	5 U	5 U	5 U	5 U	5 U	17.2	5 U
Silver	10 U	3.7 B	10 U	10 U	3.5 B	10 U	10 U
Sodium	10500	6210	5920	7030	12900	15500	7350
Thallium	10 U	10 U	10 U	3.3 B	3.8 B	4.5 B	10 U
Vanadium	50 U	6.4 B	6.4 B	50 U	50 U	50 U	9.3 B
Zinc	21.3	80.6	16.2 B	12.3 B	12 B	87.6	7.8 B
WET CHEMISTRY (mg/L)							
Total Dissolved Solids	99	85	200	79	100	150	210
Total Suspended Solids	4 U	4 U	4 U	4 U	4 U	4 U	4 U

GROUNDWATER ANALYTICAL RESULTS
OPERABLE UNIT NO. 2 - SITES 6 AND 82
MONITORING AND O&M SUPPORT, CTO-0367
MCB, CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS AND WET CHEMISTRY

SAMPLE ID	IR06-GW36D-97D	IR06-GW37D-97D	IR06-GW38D-97D	IR06-GW40DW-97D	IR06-GW40DWA-97D
LAB ID	H7J280132012	H7J280132013	H7J300160007	H7J300160001	H7J300160002
DATE SAMPLED	10-25-1997	10-25-1997	10-27-1997	10-28-1997	10-28-1997
TOTAL METALS (ug/L)					
Aluminum	42.3 B	200 U	142 B	53.6 B	356
Antimony	60 U	60 U	60 U	60 U	60 U
Arsenic	10 U	10 U	10 U	10 U	10 U
Barium	6.3 B	8.5 B	200 U	8.3 B	7.2 B
Beryllium	5 U	5 U	5 U	5 U	5 U
Cadmium	5 U	5 U	5 U	5 U	5 U
Calcium	64200	53600	3940 B	73800	29200
Chromium	6.3 B	10 U	10 U	5.1 B	10 U
Cobalt	50 U	50 U	50 U	50 U	50 U
Copper	25 U	25 U	25 U	2.5 B	2.3 B
Iron	824	469	43.7 B	740	497
Lead	3 U	3 U	3 U	1.2 B	2.6 B
Magnesium	1490 B	1320 B	1350 B	1530 B	11200
Manganese	35.5	9.2 B	2.9 B	21.6	13.5 B
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	40 U	40 U	40 U	40 U	40 U
Potassium	1740 B	1400 B	10600	1370 B	24100
Selenium	5 U	5 U	5 U	5 U	5 U
Silver	10 U	10 U	10 U	10 U	10 U
Sodium	5630	5160	215000	4690 B	585000
Thallium	10 U	10 U	4.5 B	10 U	5.3 B
Vanadium	10.3 B	9.1 B	50 U	12.3 B	50 U
Zinc	11.3 B	10.1 B	23.1	16.3 B	33
WET CHEMISTRY (mg/L)					
Total Dissolved Solids	180	160	520	180	1500
Total Suspended Solids	4 U	4 U	4 U	10	27

ATTACHMENT C

ANALYTICAL LABORATORY DATA SHEETS - OCTOBER 1997

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 001
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMHK101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW01-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	**Tetrachloroethene**	**12**	
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 001
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMHK101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW01-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01-97D

TOTAL Metals

Lot-Sample #...: H7J270114-001 **Matrix.....:** WATER
Date Sampled...: 10/24/97 **Date Received..:** 10/25/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	10/31/97	CDMHK10R
		Dilution Factor: 1				
Prep Batch #...: 7304124						
Aluminum	**45.7 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHK102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHK10M
		Dilution Factor: 1				
Lead	**2.2 B**	**3.0**	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDMHK10N**
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	10/31/97	CDMHK103
		Dilution Factor: 1				
Barium	**23.9 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHK104**
		Dilution Factor: 1				
Selenium	**3.9 B**	**5.0**	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDMHK10P**
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDMHK105
		Dilution Factor: 1				
Thallium	**5.8 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDMHK10Q**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDMHK106
		Dilution Factor: 1				
Calcium	**37000**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHK107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDMHK108
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDMHK109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	10/31/97	CDMHK10A
		Dilution Factor: 1				

(Continued on next page)

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01-97D

TOTAL Metals

Lot-Sample #...: H7J270114-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	299	100	ug/L	ICLP ILM03.0	10/31/97	CDMHK10C
		Dilution Factor: 1				
Magnesium	1830 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDMHK10D
		Dilution Factor: 1				
Manganese	4.4 B	15.0	ug/L	ICLP ILM03.0	10/31/97	CDMHK10E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDMHK10F
		Dilution Factor: 1				
Potassium	2320 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDMHK10G
		Dilution Factor: 1				
Silver	4.4 B	10.0	ug/L	ICLP ILM03.0	10/31/97	CDMHK10H
		Dilution Factor: 1				
Sodium	4180 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDMHK
		Dilution Factor: 1				
Vanadium	6.4 B	50.0	ug/L	ICLP ILM03.0	10/31/97	CDMHK10K
		Dilution Factor: 1				
Zinc	8.4 B	20.0	ug/L	ICLP ILM03.0	10/31/97	CDMHK10L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01-97D

General Chemistry

Lot-Sample #...: H7J270114-001 **Work Order #...:** CDMHK **Matrix.....:** WATER
Date Sampled...: 10/24/97 **Date Received..:** 10/25/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**150**	**10**	**mg/L**	**MCAWW 160.1**	**10/29-10/30/97**	**7303151**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/29/97	7303162
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 013
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQA101 Date Extracted:11/03/97
Dilution factor: 100 Date Analyzed: 11/04/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW01D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	1000	U
74-83-9	Bromomethane	1000	U
75-01-4	**Vinyl chloride**	**520**	**J**
75-00-3	Chloroethane	1000	U
75-09-2	**Methylene chloride**	**140**	**J B**
67-64-1	Acetone	1000	U
75-15-0	Carbon disulfide	1000	U
75-35-4	1,1-Dichloroethene	1000	U
75-34-3	1,1-Dichloroethane	1000	U
540-59-0	**1,2-Dichloroethene (total)**	**43000**	**E**
67-66-3	Chloroform	1000	U
107-06-2	1,2-Dichloroethane	1000	U
78-93-3	2-Butanone	1000	U
71-55-6	1,1,1-Trichloroethane	1000	U
56-23-5	Carbon tetrachloride	1000	U
75-27-4	Bromodichloromethane	1000	U
78-87-5	1,2-Dichloropropane	1000	U
10061-01-5	cis-1,3-Dichloropropene	1000	U
79-01-6	**Trichloroethene**	**110000**	**E**
124-48-1	Dibromochloromethane	1000	U
79-00-5	1,1,2-Trichloroethane	1000	U
71-43-2	Benzene	1000	U
10061-02-6	trans-1,3-Dichloropropene	1000	U
75-25-2	Bromoform	1000	U
108-10-1	4-Methyl-2-pentanone	1000	U
591-78-6	2-Hexanone	1000	U
127-18-4	**Tetrachloroethene**	**1600**	
79-34-5	1,1,2,2-Tetrachloroethane	1000	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER

Lab Sample ID:H7J300160 013

Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL

Date Received: 10/30/97

Work Order: CDPQA101

Date Extracted:11/03/97

Dilution factor: 100

Date Analyzed: 11/04/97

Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW01D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	1000	U
108-90-7	Chlorobenzene	1000	U
100-41-4	Ethylbenzene	1000	U
100-42-5	Styrene	1000	U
1330-20-7	Xylenes (total)	1000	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01D-97D

TOTAL Metals

Lot-Sample #...: H7J300160-013 Matrix.....: WATER
Date Sampled...: 10/27/97 Date Received..: 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**142 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQA10M
		Dilution Factor: 1				
Lead	**4.6**	**3.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPQA10N**
		Dilution Factor: 1				
Antimony	**25.9 B**	**60.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA103**
		Dilution Factor: 1				
Barium	**33.2 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQA
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQA105
		Dilution Factor: 1				
Thallium	**3.1 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPQA10Q**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQA106
		Dilution Factor: 1				
Calcium	**153000**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA107**
		Dilution Factor: 1				
Chromium	**8.5 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA108**
		Dilution Factor: 1				
Cobalt	**3.1 B**	**50.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA109**
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	11/04/97	CDPQA10A
		Dilution Factor: 1				
Iron	**1280**	**100**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA10C**
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01D-97D

TOTAL Metals

Lot-Sample #...: H7J300160-013 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**3550 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA10D**
		Dilution Factor: 1				
Manganese	**45.5**	**15.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA10E**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	11/04/97	CDPQA10F
		Dilution Factor: 1				
Potassium	**1980 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA10G**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPQA10H
		Dilution Factor: 1				
Sodium	**5190**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA10J**
		Dilution Factor: 1				
Vanadium	**23.9 B**	**50.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA10K**
		Dilution Factor: 1				
Zinc	**35.3**	**20.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQA10L**
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPQA10R
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01D-97D

General Chemistry

Lot-Sample #...: H7J300160-013 Work Order #...: CDPQA Matrix.....: WATER
Date Sampled...: 10/27/97 Date Received..: 10/30/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	440	10	mg/L	MCAWW 160.1	10/31-11/03/97	7304226
	Dilution Factor: 1					
Total Suspended Solids	12	4.0	mg/L	MCAWW 160.2	10/31-11/03/97	7304223
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 013
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQA201 Date Extracted:11/05/97
Dilution factor: 1000 Date Analyzed: 11/05/97
Moisture %:NA

QC Batch: 7309185

Client Sample Id: IR06-GW01D-97D -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10000	U
74-83-9	Bromomethane	10000	U
75-01-4	Vinyl chloride	10000	U
75-00-3	Chloroethane	10000	U
75-09-2	**Methylene chloride**	**1500**	**J BD**
67-64-1	Acetone	10000	U
75-15-0	Carbon disulfide	10000	U
75-35-4	1,1-Dichloroethene	10000	U
75-34-3	1,1-Dichloroethane	10000	U
540-59-0	**1,2-Dichloroethene (total)**	**36000**	**D**
67-66-3	Chloroform	10000	U
107-06-2	1,2-Dichloroethane	10000	U
78-93-3	2-Butanone	10000	U
71-55-6	1,1,1-Trichloroethane	10000	U
56-23-5	Carbon tetrachloride	10000	U
75-27-4	Bromodichloromethane	10000	U
78-87-5	1,2-Dichloropropane	10000	U
10061-01-5	cis-1,3-Dichloropropene	10000	U
79-01-6	**Trichloroethene**	**140000**	**D**
124-48-1	Dibromochloromethane	10000	U
79-00-5	1,1,2-Trichloroethane	10000	U
71-43-2	Benzene	10000	U
10061-02-6	trans-1,3-Dichloropropene	10000	U
75-25-2	Bromoform	10000	U
108-10-1	4-Methyl-2-pentanone	10000	U
591-78-6	2-Hexanone	10000	U
127-18-4	**Tetrachloroethene**	**1400**	**J D**
79-34-5	1,1,2,2-Tetrachloroethane	10000	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 013
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQA201 Date Extracted:11/05/97
Dilution factor: 1000 Date Analyzed: 11/05/97
Moisture %:NA

QC Batch: 7309185

Client Sample Id: IR06-GW01D-97D -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10000	U
108-90-7	Chlorobenzene	10000	U
100-41-4	Ethylbenzene	10000	U
100-42-5	Styrene	10000	U
1330-20-7	Xylenes (total)	10000	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER

Lab Sample ID:H7J270114 002

Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL
Work Order: CDMHN101
Dilution factor: 1
Moisture %:NA

Date Received: 10/25/97
Date Extracted:10/31/97
Date Analyzed: 10/31/97

QC Batch: 7304153

Client Sample Id: IR06-GW01DA-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	**Trichloroethene**	**2.1**	**J**
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 002
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMHN101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW01DA-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01DA-97D

TOTAL Metals

Lot-Sample #...: H7J270114-002 **Matrix.....:** WATER
Date Sampled...: 10/24/97 **Date Received..:** 10/25/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	10/31/97	CDMHN10R
		Dilution Factor: 1				
Prep Batch #...: 7304124						
Aluminum	**74.1 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHN102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHN10M
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHN10N
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	10/31/97	CDMHN103
		Dilution Factor: 1				
Barium	**2.2 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHN104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHN10P
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDMHN105
		Dilution Factor: 1				
Thallium	**5.1 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDMHN10Q**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDMHN106
		Dilution Factor: 1				
Calcium	**37000**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHN107**
		Dilution Factor: 1				
Chromium	**6.4 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHN108**
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDMHN109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	10/31/97	CDMHN10A
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01DA-97D

TOTAL Metals

Lot-Sample #...: H7J270114-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	137	100	ug/L	ICLP ILM03.0	10/31/97	CDMHN10C
		Dilution Factor: 1				
Magnesium	3650 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDMHN10D
		Dilution Factor: 1				
Manganese	21.0	15.0	ug/L	ICLP ILM03.0	10/31/97	CDMHN10E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDMHN10F
		Dilution Factor: 1				
Potassium	9940	5000	ug/L	ICLP ILM03.0	10/31/97	CDMHN10G
		Dilution Factor: 1				
Silver	5.1 B	10.0	ug/L	ICLP ILM03.0	10/31/97	CDMHN10H
		Dilution Factor: 1				
Sodium	26800	5000	ug/L	ICLP ILM03.0	10/31/97	CDMHN1.
		Dilution Factor: 1				
Vanadium	6.6 B	50.0	ug/L	ICLP ILM03.0	10/31/97	CDMHN10K
		Dilution Factor: 1				
Zinc	5.3 B	20.0	ug/L	ICLP ILM03.0	10/31/97	CDMHN10L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01DA-97D

General Chemistry

Lot-Sample #...: H7J270114-002 Work Order #...: CDMHN Matrix.....: WATER
Date Sampled...: 10/24/97 Date Received..: 10/25/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	220	10	mg/L	MCAWW 160.1	10/29-10/30/97	7303151
	Dilution Factor: 1					
Total Suspended Solids	7.0	4.0	mg/L	MCAWW 160.2	10/29/97	7303162
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 003
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMHP101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW01DB-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 003
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMHP101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW01DB-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01DB-97D

TOTAL Metals

Lot-Sample #...: H7J270114-003 **Matrix.....:** WATER
Date Sampled...: 10/24/97 **Date Received..:** 10/25/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHP10R
Prep Batch #...: 7304124						
Aluminum	**47.3 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHP102**
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHP10M
Lead	**1.8 B**	**3.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDMHP10N**
Antimony	ND	60.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHP103
Barium	**0.74 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHP104**
Selenium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHP10P
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHP105
Thallium	**4.0 B**	**10.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDMHP10Q**
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHP106
Calcium	**5470**	**5000** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHP107**
Chromium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHP108
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHP109
Copper	ND	25.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHP10A

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01DB-97D

TOTAL Metals

Lot-Sample #...: H7J270114-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	**46.1 B**	**100**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHP10C**
		Dilution Factor: 1				
Magnesium	**2540 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHP10D**
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	ICLP ILM03.0	10/31/97	CDMHP10E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDMHP10F
		Dilution Factor: 1				
Potassium	**12400**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHP10G**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDMHP10H
		Dilution Factor: 1				
Sodium	**275000**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHP10J**
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDMHP10K
		Dilution Factor: 1				
Zinc	**29.4**	**20.0**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHP10L**
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW01DB-97D

General Chemistry

Lot-Sample #...: H7J270114-003 **Work Order #...:** CDMHP **Matrix.....:** WATER
Date Sampled...: 10/24/97 **Date Received..:** 10/25/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**740**	**10**	**mg/L**	**MCAWW 160.1**	**10/29-10/30/97**	**7303151**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/29/97	7303162
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 002
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN82101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW02DW-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER
Lab Sample ID:H7J280132 002
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL
Work Order: CDN82101
Dilution factor: 1
Moisture %:NA

Date Received: 10/28/97
Date Extracted:10/31/97
Date Analyzed: 10/31/97

QC Batch: 7304153

Client Sample Id: IR06-GW02DW-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW02DW-97D

TOTAL Metals

Lot-Sample #...: H7J280132-002 **Matrix.....:** WATER
Date Sampled...: 10/27/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8210R
Prep Batch #...: 7304124						
Aluminum	**85.5 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN82102**
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8210M
Lead	ND	3.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8210N
Antimony	ND	60.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN82103
Barium	**8.1 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN82104**
Selenium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8210P
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN82105
Thallium	**3.4 B**	**10.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDN8210Q**
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN82106
Calcium	**68700**	**5000** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN82107**
Chromium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN82108
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN82109
Copper	ND	25.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8210A

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW02DW-97D

TOTAL Metals

Lot-Sample #...: H7J280132-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	569	100	ug/L	ICLP ILM03.0	10/31/97	CDN8210C
		Dilution Factor: 1				
Magnesium	1590 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8210D
		Dilution Factor: 1				
Manganese	10.8 B	15.0	ug/L	ICLP ILM03.0	10/31/97	CDN8210E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDN8210F
		Dilution Factor: 1				
Potassium	1950 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8210G
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8210H
		Dilution Factor: 1				
Sodium	4630 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN821
		Dilution Factor: 1				
Vanadium	13.9 B	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8210K
		Dilution Factor: 1				
Zinc	41.0	20.0	ug/L	ICLP ILM03.0	10/31/97	CDN8210L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW02DW-97D

General Chemistry

Lot-Sample #...: H7J280132-002 **Work Order #...:** CDN82 **Matrix.....:** WATER
Date Sampled...: 10/27/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**180**	**10**	**mg/L**	**MCAWW 160.1**	**10/30-10/31/97**	**7303154**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/30-10/31/97	7303158
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 003
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN83101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW03-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	**1,2-Dichloroethene (total)**	**1.5**	**J**
67-66-3	**Chloroform**	**3.5**	**J**
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 003
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN83101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW03-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW03-97D

TOTAL Metals

Lot-Sample #...: H7J280132-003 Matrix.....: WATER
Date Sampled...: 10/25/97 Date Received..: 10/28/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8310R
Prep Batch #...: 7304124						
Aluminum	**59.0 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN83102**
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8310M
Lead	ND	3.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8310N
Antimony	ND	60.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN83103
Barium	**45.1 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN83104**
Selenium	**7.5**	**5.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDN8310P**
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN83105
Thallium	**3.9 B**	**10.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDN8310Q**
Cadmium	**5.8**	**5.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN83106**
Calcium	**45100**	**5000** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN83107**
Chromium	**4.7 B**	**10.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN83108**
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN83109
Copper	**2.4 B**	**25.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8310A**

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW03-97D

TOTAL Metals

Lot-Sample #...: H7J280132-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	164	100	ug/L	ICLP ILM03.0	10/31/97	CDN8310C
		Dilution Factor: 1				
Magnesium	3310 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8310D
		Dilution Factor: 1				
Manganese	3.0 B	15.0	ug/L	ICLP ILM03.0	10/31/97	CDN8310E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDN8310F
		Dilution Factor: 1				
Potassium	4670 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8310G
		Dilution Factor: 1				
Silver	3.3 B	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8310H
		Dilution Factor: 1				
Sodium	4010 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8310J
		Dilution Factor: 1				
Vanadium	8.4 B	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8310K
		Dilution Factor: 1				
Zinc	619	20.0	ug/L	ICLP ILM03.0	10/31/97	CDN8310L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW03-97D

General Chemistry

Lot-Sample #...: H7J280132-003 **Work Order #...:** CDN83 **Matrix.....:** WATER
Date Sampled...: 10/25/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**170**	**10**	**mg/L**	**MCAWW 160.1**	**10/30-10/31/97**	**7303154**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/30-10/31/97	7303158
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 004
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN84101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW03D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 004
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN84101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW03D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW03D-97D

TOTAL Metals

Lot-Sample #...: H7J280132-004 Matrix.....: WATER
Date Sampled...: 10/26/97 Date Received..: 10/28/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8410R
Prep Batch #...: 7304124						
Aluminum	**145 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN84102**
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8410M
Lead	ND	3.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8410N
Antimony	ND	60.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN84103
Barium	**13.9 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN84104**
Selenium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8410P
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN84105
Thallium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8410Q
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN84106
Calcium	**53700**	**5000** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN84107**
Chromium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN84108
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN84109
Copper	ND	25.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8410A

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW03D-97D

TOTAL Metals

Lot-Sample #...: H7J280132-004 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	996	100	ug/L	ICLP ILM03.0	10/31/97	CDN8410C
		Dilution Factor: 1				
Magnesium	1110 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8410D
		Dilution Factor: 1				
Manganese	28.8	15.0	ug/L	ICLP ILM03.0	10/31/97	CDN8410E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDN8410F
		Dilution Factor: 1				
Potassium	1140 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8410G
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8410H
		Dilution Factor: 1				
Sodium	3920 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN84[illegible]
		Dilution Factor: 1				
Vanadium	13.2 B	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8410K
		Dilution Factor: 1				
Zinc	8.9 B	20.0	ug/L	ICLP ILM03.0	10/31/97	CDN8410L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW03D-97D

General Chemistry

Lot-Sample #...: H7J280132-004 **Work Order #...:** CDN84 **Matrix.....:** WATER
Date Sampled...: 10/26/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**140**	**10**	**mg/L**	**MCAWW 160.1**	**10/30-10/31/97**	**7303154**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/30-10/31/97	7303158
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 004
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPPK101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/04/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW15D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	**1.1**	**J B**
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 004
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPPK101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/04/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW15D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW15D-97D

TOTAL Metals

Lot-Sample #...: H7J300160-004 **Matrix.....:** WATER
Date Sampled...: 10/29/97 **Date Received..:** 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**44.5 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPK102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPPK10M
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPPK10N
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	11/04/97	CDPPK103
		Dilution Factor: 1				
Barium	**2.9 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPK104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPPK
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPPK105
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPPK10Q
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPPK106
		Dilution Factor: 1				
Calcium	**45900**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPK107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPPK108
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPPK109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	11/04/97	CDPPK10A
		Dilution Factor: 1				
Iron	**319**	**100**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPK10C**
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW15D-97D

TOTAL Metals

Lot-Sample #...: H7J300160-004 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**1020 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPK10D**
		Dilution Factor: 1				
Manganese	**12.8 B**	**15.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPK10E**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	11/04/97	CDPPK10F
		Dilution Factor: 1				
Potassium	**1090 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPK10G**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPPK10H
		Dilution Factor: 1				
Sodium	**3890 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPK10J**
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPPK10K
		Dilution Factor: 1				
Zinc	**30.3**	**20.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPK10L**
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPPK10R
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW15D-97D

General Chemistry

Lot-Sample #...: H7J300160-004 **Work Order #...:** CDPPK **Matrix.....:** WATER
Date Sampled...: 10/29/97 **Date Received..:** 10/30/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**100**	**10**	**mg/L**	**MCAWW 160.1**	**11/04-11/05/97**	**7308168**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	11/04/97	7308173
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 005
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMHR101 Date Extracted:10/31/97
Dilution factor: 50 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW16-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	500	U
74-83-9	Bromomethane	500	U
75-01-4	Vinyl chloride	500	U
75-00-3	Chloroethane	500	U
75-09-2	Methylene chloride	500	U
67-64-1	Acetone	500	U
75-15-0	Carbon disulfide	500	U
75-35-4	1,1-Dichloroethene	500	U
75-34-3	1,1-Dichloroethane	500	U
540-59-0	1,2-Dichloroethene (total)	500	U
67-66-3	Chloroform	500	U
107-06-2	1,2-Dichloroethane	500	U
78-93-3	2-Butanone	500	U
71-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon tetrachloride	500	U
75-27-4	Bromodichloromethane	500	U
78-87-5	1,2-Dichloropropane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
79-01-6	Trichloroethene	500	U
124-48-1	Dibromochloromethane	500	U
79-00-5	1,1,2-Trichloroethane	500	U
71-43-2	Benzene	500	U
10061-02-6	trans-1,3-Dichloropropene	500	U
75-25-2	Bromoform	500	U
108-10-1	4-Methyl-2-pentanone	500	U
591-78-6	2-Hexanone	500	U
127-18-4	Tetrachloroethene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 005
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMHR101 Date Extracted:10/31/97
Dilution factor: 50 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW16-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	500	U
108-90-7	**Chlorobenzene**	**6300**	
100-41-4	Ethylbenzene	500	U
100-42-5	Styrene	500	U
1330-20-7	Xylenes (total)	500	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW16-97D

TOTAL Metals

Lot-Sample #...: H7J270114-005 **Matrix.....:** WATER
Date Sampled...: 10/23/97 **Date Received..:** 10/25/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHR10R
Prep Batch #...: 7304124						
Aluminum	**807**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHR102**
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHR10M
Lead	ND	3.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHR10N
Antimony	ND	60.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHR103
Barium	**45.3 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHR104**
Selenium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHR10P
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHR105
Thallium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHR10Q
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHR106
Calcium	**17600**	**5000** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHR107**
Chromium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHR108
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHR109
Copper	ND	25.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHR10A

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW16-97D

TOTAL Metals

Lot-Sample #...: H7J270114-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	**1370**	**100**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHR10C**
		Dilution Factor: 1				
Magnesium	**1620 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHR10D**
		Dilution Factor: 1				
Manganese	**124**	**15.0**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHR10E**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDMHR10F
		Dilution Factor: 1				
Potassium	**1130 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHR10G**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDMHR10H
		Dilution Factor: 1				
Sodium	**9650**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHR**
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDMHR10K
		Dilution Factor: 1				
Zinc	**803**	**20.0**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHR10L**
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW16-97D

General Chemistry

Lot-Sample #...: H7J270114-005 **Work Order #...:** CDMHR **Matrix.....:** WATER
Date Sampled...: 10/23/97 **Date Received..:** 10/25/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**220**	**10**	**mg/L**	**MCAWW 160.1**	**10/29-10/30/97**	**7303151**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/29/97	7303162
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 005
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN85101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW17-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 005
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN85101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW17-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW17-97D

TOTAL Metals

Lot-Sample #...: H7J300160-005 **Matrix.....:** WATER
Date Sampled...: 10/26/97 **Date Received..:** 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**1250**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPP102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPPP10M
		Dilution Factor: 1				
Lead	**2.5 B**	**3.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPPP10N**
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	11/04/97	CDPPP103
		Dilution Factor: 1				
Barium	**105 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPP104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPPP
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPPP105
		Dilution Factor: 1				
Thallium	**4.2 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPPP10Q**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPPP106
		Dilution Factor: 1				
Calcium	**21700**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPP107**
		Dilution Factor: 1				
Chromium	**5.3 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPP108**
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPPP109
		Dilution Factor: 1				
Copper	**3.1 B**	**25.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPP10A**
		Dilution Factor: 1				
Iron	**1390**	**100**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPP10C**
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW17-97D

TOTAL Metals

Lot-Sample #...: H7J300160-005 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	915 B	5000	ug/L	ICLP ILM03.0	11/04/97	CDPPP10D
		Dilution Factor: 1				
Manganese	7.4 B	15.0	ug/L	ICLP ILM03.0	11/04/97	CDPPP10E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	11/04/97	CDPPP10F
		Dilution Factor: 1				
Potassium	2030 B	5000	ug/L	ICLP ILM03.0	11/04/97	CDPPP10G
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPPP10H
		Dilution Factor: 1				
Sodium	10500	5000	ug/L	ICLP ILM03.0	11/04/97	CDPPP10J
		Dilution Factor: 1				
Vanadium	9.8 B	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPPP10K
		Dilution Factor: 1				
Zinc	25.3	20.0	ug/L	ICLP ILM03.0	11/04/97	CDPPP10L
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPPP10R
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW17-97D

General Chemistry

Lot-Sample #...: H7J300160-005 **Work Order #...:** CDPPP **Matrix.....:** WATER
Date Sampled...: 10/26/97 **Date Received..:** 10/30/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	170	10	mg/L	MCAWW 160.1	10/31-11/01/97	7304226
	Dilution Factor: 1					
Total Suspended Solids	4.0	4.0	mg/L	MCAWW 160.2	10/31-11/03/97	7304223
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER

Lab Sample ID:H7J280132 006

Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL
Work Order: CDN86101
Dilution factor: 1
Moisture %:NA

Date Received: 10/28/97
Date Extracted:10/31/97
Date Analyzed: 10/31/97

QC Batch: 7304153

Client Sample Id: IR06-GW21-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 006
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN86101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW21-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW21-97D

TOTAL Metals

Lot-Sample #...: H7J300160-006 Matrix.....: WATER
Date Sampled...: 10/26/97 Date Received..: 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**175 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ1102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ110M
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ110N
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ1103
		Dilution Factor: 1				
Barium	**49.5 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ1104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ110P
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ1105
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ110Q
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ1106
		Dilution Factor: 1				
Calcium	**5400**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ1107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ1108
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ1109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ110A
		Dilution Factor: 1				
Iron	ND	100	ug/L	ICLP ILM03.0	11/04/97	CDPQ110C
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW21-97D

TOTAL Metals

Lot-Sample #...: H7J300160-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**1610 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ110D**
		Dilution Factor: 1				
Manganese	**12.3 B**	**15.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ110E**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ110F
		Dilution Factor: 1				
Potassium	**879 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ110G**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ110H
		Dilution Factor: 1				
Sodium	**8040**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ110J**
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ110K
		Dilution Factor: 1				
Zinc	**15.4 B**	**20.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ110L**
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPQ110R
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW21-97D

General Chemistry

Lot-Sample #...: H7J300160-006 **Work Order #...:** CDPQ1 **Matrix.....:** WATER
Date Sampled...: 10/26/97 **Date Received..:** 10/30/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**86**	**10**	**mg/L**	**MCAWW 160.1**	**10/31-11/01/97**	**7304226**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/31-11/03/97	7304223
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 010
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQ7101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/04/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW27DA-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	1.1	J B
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 010
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQ7101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/04/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW27DA-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW27DA-97D

TOTAL Metals

Lot-Sample #...: H7J300160-010 Matrix.....: WATER
Date Sampled...: 10/29/97 Date Received..: 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**4330**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ7102**
		Dilution Factor: 1				
Arsenic	**6.2 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPQ710M**
		Dilution Factor: 1				
Lead	**6.2**	**3.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPQ710N**
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ7103
		Dilution Factor: 1				
Barium	**40.6 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ7104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ7
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ7105
		Dilution Factor: 1				
Thallium	**3.0 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPQ710Q**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ7106
		Dilution Factor: 1				
Calcium	**46700**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ7107**
		Dilution Factor: 1				
Chromium	**18.6**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ7108**
		Dilution Factor: 1				
Cobalt	**3.3 B**	**50.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ7109**
		Dilution Factor: 1				
Copper	**7.8 B**	**25.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ710A**
		Dilution Factor: 1				
Iron	**3480**	**100**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ710C**
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW27DA-97D

TOTAL Metals

Lot-Sample #...: H7J300160-010 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**1320 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ710D**
		Dilution Factor: 1				
Manganese	**35.1**	**15.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ710E**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ710F
		Dilution Factor: 1				
Potassium	**8790**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ710G**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ710H
		Dilution Factor: 1				
Sodium	**157000**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ710J**
		Dilution Factor: 1				
Vanadium	**18.0 B**	**50.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ710K**
		Dilution Factor: 1				
Zinc	**37.0**	**20.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ710L**
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPQ710R
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW27DA-97D

General Chemistry

Lot-Sample #...: H7J300160-010 Work Order #...: CDPQ7 Matrix.....: WATER
Date Sampled...: 10/29/97 Date Received..: 10/30/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	380	20	mg/L	MCAWW 160.1	11/04-11/05/97	7308168
	Dilution Factor: 2					
Total Suspended Solids	190	8.0	mg/L	MCAWW 160.2	11/04/97	7308173
	Dilution Factor: 2					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 009
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQ6101 Date Extracted:11/05/97
Dilution factor: 50 Date Analyzed: 11/05/97
Moisture %:NA

QC Batch: 7309185

Client Sample Id: IR06-GW27DW-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	500	U
74-83-9	Bromomethane	500	U
75-01-4	**Vinyl chloride**	**84**	**J**
75-00-3	Chloroethane	500	U
75-09-2	**Methylene chloride**	**73**	**J B**
67-64-1	Acetone	500	U
75-15-0	Carbon disulfide	500	U
75-35-4	1,1-Dichloroethene	500	U
75-34-3	1,1-Dichloroethane	500	U
540-59-0	**1,2-Dichloroethene (total)**	**4300**	
67-66-3	Chloroform	500	U
107-06-2	1,2-Dichloroethane	500	U
78-93-3	2-Butanone	500	U
71-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon tetrachloride	500	U
75-27-4	Bromodichloromethane	500	U
78-87-5	1,2-Dichloropropane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
79-01-6	**Trichloroethene**	**2900**	
124-48-1	Dibromochloromethane	500	U
79-00-5	1,1,2-Trichloroethane	500	U
71-43-2	Benzene	500	U
10061-02-6	trans-1,3-Dichloropropene	500	U
75-25-2	Bromoform	500	U
108-10-1	4-Methyl-2-pentanone	500	U
591-78-6	2-Hexanone	500	U
127-18-4	Tetrachloroethene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER
Lab Sample ID:H7J300160 009
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL
Work Order: CDPQ6101
Dilution factor: 50
Moisture %:NA

Date Received: 10/30/97
Date Extracted:11/05/97
Date Analyzed: 11/05/97

QC Batch: 7309185

Client Sample Id: IR06-GW27DW-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	500	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	500	U
100-42-5	Styrene	500	U
1330-20-7	Xylenes (total)	500	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW27DW-97D

TOTAL Metals

Lot-Sample #...: H7J300160-009 Matrix.....: WATER
Date Sampled...: 10/29/97 Date Received..: 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**20.3 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ6102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ610M
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ610N
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ6103
		Dilution Factor: 1				
Barium	**7.5 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ6104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ610P
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ6105
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ610Q
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ6106
		Dilution Factor: 1				
Calcium	**63500**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ6107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ6108
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ6109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ610A
		Dilution Factor: 1				
Iron	**521**	**100**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ610C**
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW27DW-97D

TOTAL Metals

Lot-Sample #...: H7J300160-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**1310 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ610D**
		Dilution Factor: 1				
Manganese	**11.6 B**	**15.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ610E**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ610F
		Dilution Factor: 1				
Potassium	**960 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ610G**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ610H
		Dilution Factor: 1				
Sodium	**4590 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ610J**
		Dilution Factor: 1				
Vanadium	**10.0 B**	**50.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ61**
		Dilution Factor: 1				
Zinc	**23.3**	**20.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ610L**
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPQ610R
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW27DW-97D

General Chemistry

Lot-Sample #...: H7J300160-009 **Work Order #...:** CDPQ6 **Matrix.....:** WATER
Date Sampled...: 10/29/97 **Date Received..:** 10/30/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**150**	**10**	**mg/L**	**MCAWW 160.1**	**11/04-11/05/97**	**7308168**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	11/04/97	7308173
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 012
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQ9101 Date Extracted:11/03/97
Dilution factor: 50 Date Analyzed: 11/04/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW28DW-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	500	U
74-83-9	Bromomethane	500	U
75-01-4	**Vinyl chloride**	**75**	**J**
75-00-3	Chloroethane	500	U
75-09-2	**Methylene chloride**	**69**	**J B**
67-64-1	Acetone	500	U
75-15-0	Carbon disulfide	500	U
75-35-4	1,1-Dichloroethene	500	U
75-34-3	1,1-Dichloroethane	500	U
540-59-0	**1,2-Dichloroethene (total)**	**4100**	
67-66-3	Chloroform	500	U
107-06-2	1,2-Dichloroethane	500	U
78-93-3	2-Butanone	500	U
71-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon tetrachloride	500	U
75-27-4	Bromodichloromethane	500	U
78-87-5	1,2-Dichloropropane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
79-01-6	**Trichloroethene**	**11000**	**E**
124-48-1	Dibromochloromethane	500	U
79-00-5	1,1,2-Trichloroethane	500	U
71-43-2	Benzene	500	U
10061-02-6	trans-1,3-Dichloropropene	500	U
75-25-2	Bromoform	500	U
108-10-1	4-Methyl-2-pentanone	500	U
591-78-6	2-Hexanone	500	U
127-18-4	**Tetrachloroethene**	**140**	**J**
79-34-5	1,1,2,2-Tetrachloroethane	500	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 012
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQ9101 Date Extracted:11/03/97
Dilution factor: 50 Date Analyzed: 11/04/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW28DW-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	500	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	500	U
100-42-5	Styrene	500	U
1330-20-7	Xylenes (total)	500	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW28DW-97D

TOTAL Metals

Lot-Sample #...: H7J300160-012 **Matrix.....:** WATER
Date Sampled...: 10/28/97 **Date Received..:** 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**77.8 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ9102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ910M
		Dilution Factor: 1				
Lead	**1.6 B**	**3.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPQ910N**
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ9103
		Dilution Factor: 1				
Barium	**7.6 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ9104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ91
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ9105
		Dilution Factor: 1				
Thallium	**3.8 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPQ910Q**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ9106
		Dilution Factor: 1				
Calcium	**75600**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ9107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ9108
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ9109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ910A
		Dilution Factor: 1				
Iron	**863**	**100**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ910C**
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW28DW-97D

TOTAL Metals

Lot-Sample #...: H7J300160-012 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**1510 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ910D**
		Dilution Factor: 1				
Manganese	**21.4**	**15.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ910E**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ910F
		Dilution Factor: 1				
Potassium	**1310 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ910G**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ910H
		Dilution Factor: 1				
Sodium	**4850 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ910J**
		Dilution Factor: 1				
Vanadium	**14.5 B**	**50.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ910K**
		Dilution Factor: 1				
Zinc	**17.2 B**	**20.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ910L**
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPQ910R
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW28DW-97D

General Chemistry

Lot-Sample #...: H7J300160-012 Work Order #...: CDPQ9 Matrix.....: WATER
Date Sampled...: 10/28/97 Date Received..: 10/30/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	170	10	mg/L	MCAWW 160.1	10/31-11/03/97	7304226
	Dilution Factor: 1					
Total Suspended Solids	9.0	4.0	mg/L	MCAWW 160.2	10/31-11/03/97	7304223
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 012
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQ9201 Date Extracted:11/05/97
Dilution factor: 100 Date Analyzed: 11/05/97
Moisture %:NA
QC Batch: 7309185

Client Sample Id: IR06-GW28DW-97D -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	1000	U
74-83-9	Bromomethane	1000	U
75-01-4	Vinyl chloride	1000	U
75-00-3	Chloroethane	1000	U
75-09-2	**Methylene chloride**	**210**	**J BD**
67-64-1	Acetone	1000	U
75-15-0	Carbon disulfide	1000	U
75-35-4	1,1-Dichloroethene	1000	U
75-34-3	1,1-Dichloroethane	1000	U
540-59-0	**1,2-Dichloroethene (total)**	**3500**	**D**
67-66-3	Chloroform	1000	U
107-06-2	1,2-Dichloroethane	1000	U
78-93-3	2-Butanone	1000	U
71-55-6	1,1,1-Trichloroethane	1000	U
56-23-5	Carbon tetrachloride	1000	U
75-27-4	Bromodichloromethane	1000	U
78-87-5	1,2-Dichloropropane	1000	U
10061-01-5	cis-1,3-Dichloropropene	1000	U
79-01-6	**Trichloroethene**	**9600**	**D**
124-48-1	Dibromochloromethane	1000	U
79-00-5	1,1,2-Trichloroethane	1000	U
71-43-2	Benzene	1000	U
10061-02-6	trans-1,3-Dichloropropene	1000	U
75-25-2	Bromoform	1000	U
108-10-1	4-Methyl-2-pentanone	1000	U
591-78-6	2-Hexanone	1000	U
127-18-4	**Tetrachloroethene**	**110**	**J D**
79-34-5	1,1,2,2-Tetrachloroethane	1000	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 012
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQ9201 Date Extracted:11/05/97
Dilution factor: 100 Date Analyzed: 11/05/97
Moisture %:NA

QC Batch: 7309185

Client Sample Id: IR06-GW28DW-97D -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	1000	U
108-90-7	Chlorobenzene	1000	U
100-41-4	Ethylbenzene	1000	U
100-42-5	Styrene	1000	U
1330-20-7	Xylenes (total)	1000	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 007
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN87101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW28S-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	**1.1**	**J**
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	**1,2-Dichloroethene (total)**	**15**	
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	**Trichloroethene**	**49**	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	**Tetrachloroethene**	**37**	
79-34-5	**1,1,2,2-Tetrachloroethane**	**2.6**	**J**

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Lab Sample ID:H7J280132 007

Sample WT/Vol: 5 / mL
Work Order: CDN87101
Dilution factor: 1
Moisture %:NA

Date Received: 10/28/97
Date Extracted:10/31/97
Date Analyzed: 10/31/97

QC Batch: 7304153

Client Sample Id: IR06-GW28S-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW28S-97D

TOTAL Metals

Lot-Sample #...: H7J300160-011 Matrix.....: WATER
Date Sampled...: 10/26/97 Date Received..: 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**92.0 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ8101**
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ810L
Lead	**6.2**	**3.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPQ810M**
Antimony	ND	60.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	11/04/97	CDPQ8102
Barium	**23.8 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ8103**
Selenium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ810N
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	11/04/97	CDPQ8104
Thallium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ810P
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	11/04/97	CDPQ8105
Calcium	**7760**	**5000** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ8106**
Chromium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	11/04/97	CDPQ8107
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	11/04/97	CDPQ8108
Copper	ND	25.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	11/04/97	CDPQ8109
Iron	**7.6 B**	**100** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ810A**

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW28S-97D

TOTAL Metals

Lot-Sample #...: H7J300160-011 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**2010 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ810C**
		Dilution Factor: 1				
Manganese	**11.4 B**	**15.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ810D**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ810E
		Dilution Factor: 1				
Potassium	**1260 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ810F**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ810G
		Dilution Factor: 1				
Sodium	**10500**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ810H**
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ810[illegible]
		Dilution Factor: 1				
Zinc	**21.3**	**20.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ810K**
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPQ810Q
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW28S-97D

General Chemistry

Lot-Sample #...: H7J300160-011 **Work Order #...:** CDPQ8 **Matrix.....:** WATER
Date Sampled...: 10/26/97 **Date Received..:** 10/30/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**99**	**10**	**mg/L**	**MCAWW 160.1**	**10/31-11/01/97**	**7304226**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/31-11/03/97	7304223
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 008
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN88101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/03/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW30-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	**1.2**	**J B**
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	**Tetrachloroethene**	**3.4**	**J**
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 008
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN88101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/03/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW30-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW30-97D

TOTAL Metals

Lot-Sample #...: H7J280132-008 **Matrix.....:** WATER
Date Sampled...: 10/25/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8810R
Prep Batch #...: 7304124						
Aluminum	**110 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN88102**
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8810M
Lead	ND	3.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8810N
Antimony	ND	60.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN88103
Barium	**12.8 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN88104**
Selenium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8810P
Beryllium	**0.51 B**	**5.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN88105**
Thallium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8810Q
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN88106
Calcium	**24100**	**5000** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN88107**
Chromium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN88108
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN88109
Copper	ND	25.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8810A

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW30-97D

TOTAL Metals

Lot-Sample #...: H7J280132-008 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	335	100	ug/L	ICLP ILM03.0	10/31/97	CDN8810C
		Dilution Factor: 1				
Magnesium	1610 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8810D
		Dilution Factor: 1				
Manganese	24.4	15.0	ug/L	ICLP ILM03.0	10/31/97	CDN8810E
		Dilution Factor: 1				
Nickel	12.9 B	40.0	ug/L	ICLP ILM03.0	10/31/97	CDN8810F
		Dilution Factor: 1				
Potassium	1380 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8810G
		Dilution Factor: 1				
Silver	3.7 B	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8810H
		Dilution Factor: 1				
Sodium	6210	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8810J
		Dilution Factor: 1				
Vanadium	6.4 B	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8810K
		Dilution Factor: 1				
Zinc	80.6	20.0	ug/L	ICLP ILM03.0	10/31/97	CDN8810L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW30-97D

General Chemistry

Lot-Sample #...: H7J280132-008 **Work Order #...:** CDN88 **Matrix.....:** WATER
Date Sampled...: 10/25/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**85**	**10**	**mg/L**	**MCAWW 160.1**	**10/30-10/31/97**	**7303154**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/30-10/31/97	7303158
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 009
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN89101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/03/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW30DW-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	**1.1**	**J B**
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Lab Sample ID:H7J280132.009

Sample WT/Vol: 5 / mL
Work Order: CDN89101
Dilution factor: 1
Moisture %:NA

Date Received: 10/28/97
Date Extracted:11/03/97
Date Analyzed: 11/03/97

QC Batch: 7307260

Client Sample Id: IR06-GW30DW-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW30DW-97D

TOTAL Metals

Lot-Sample #...: H7J280132-009 Matrix.....: WATER
Date Sampled...: 10/25/97 Date Received..: 10/28/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8910R
Prep Batch #...: 7304124						
Aluminum	**20.3 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN89102**
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8910M
Lead	ND	3.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8910N
Antimony	ND	60.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN89103
Barium	**4.0 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN89104**
Selenium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8910P
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN89105
Thallium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8910Q
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN89106
Calcium	**62200**	**5000** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN89107**
Chromium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN89108
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN89109
Copper	ND	25.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8910A

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW30DW-97D

TOTAL Metals

Lot-Sample #...: H7J280132-009 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	1130	100	ug/L	ICLP ILM03.0	10/31/97	CDN8910C
		Dilution Factor: 1				
Magnesium	1510 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8910D
		Dilution Factor: 1				
Manganese	34.1	15.0	ug/L	ICLP ILM03.0	10/31/97	CDN8910E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDN8910F
		Dilution Factor: 1				
Potassium	1050 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8910G
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8910H
		Dilution Factor: 1				
Sodium	5920	5000	ug/L	ICLP ILM03.0	10/31/97	CDN891
		Dilution Factor: 1				
Vanadium	6.4 B	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8910K
		Dilution Factor: 1				
Zinc	16.2 B	20.0	ug/L	ICLP ILM03.0	10/31/97	CDN8910L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW30DW-97D

General Chemistry

Lot-Sample #...: H7J280132-009 **Work Order #...:** CDN89 **Matrix.....:** WATER
Date Sampled...: 10/25/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**200**	**10**	**mg/L**	**MCAWW 160.1**	**10/30-10/31/97**	**7303154**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/30-10/31/97	7303158
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 010
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN8C101 Date Extracted:10/31/97
Dilution factor: 5 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW32-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	50	U
74-83-9	Bromomethane	50	U
75-01-4	Vinyl chloride	50	U
75-00-3	Chloroethane	50	U
75-09-2	Methylene chloride	50	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	**1,2-Dichloroethene (total)**	**320**	
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	50	U
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon tetrachloride	50	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	**Trichloroethene**	**670**	
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	**Tetrachloroethene**	**33**	**J**
79-34-5	**1,1,2,2-Tetrachloroethane**	**12**	**J**

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER

Lab Sample ID:H7J280132 010

Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL

Date Received: 10/28/97

Work Order: CDN8C101

Date Extracted:10/31/97

Dilution factor: 5

Date Analyzed: 10/31/97

Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW32-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylenes (total)	50	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW32-97D

TOTAL Metals

Lot-Sample #...: H7J280132-010 Matrix.....: WATER
Date Sampled...: 10/26/97 Date Received..: 10/28/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8C10R
Prep Batch #...: 7304124						
Aluminum	**30.6 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8C102**
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8C10M
Lead	ND	3.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8C10N
Antimony	ND	60.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8C103
Barium	**17.3 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8C104**
Selenium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8C10P
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8C105
Thallium	**3.3 B**	**10.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDN8C10Q**
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8C106
Calcium	**18300**	**5000** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8C107**
Chromium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8C108
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8C109
Copper	ND	25.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDN8C10A

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW32-97D

TOTAL Metals

Lot-Sample #...: H7J280132-010 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	14.0 B	100	ug/L	ICLP ILM03.0	10/31/97	CDN8C10C
		Dilution Factor: 1				
Magnesium	1540 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8C10D
		Dilution Factor: 1				
Manganese	8.7 B	15.0	ug/L	ICLP ILM03.0	10/31/97	CDN8C10E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDN8C10F
		Dilution Factor: 1				
Potassium	1270 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8C10G
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8C10H
		Dilution Factor: 1				
Sodium	7030	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8C10J
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8C10K
		Dilution Factor: 1				
Zinc	12.3 B	20.0	ug/L	ICLP ILM03.0	10/31/97	CDN8C10L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW32-97D

General Chemistry

Lot-Sample #...: H7J280132-010 **Work Order #...:** CDN8C **Matrix.....:** WATER
Date Sampled...: 10/26/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**79**	**10**	**mg/L**	**MCAWW 160.1**	**10/30-10/31/97**	**7303154**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/30-10/31/97	7303158
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 004
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMHQ101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW33-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	**Tetrachloroethene**	**5.0**	**J**
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Lab Sample ID:H7J270114 004

Sample WT/Vol: 5 / mL
Work Order: CDMHQ101
Dilution factor: 1
Moisture %:NA

Date Received: 10/25/97
Date Extracted:10/31/97
Date Analyzed: 10/31/97

QC Batch: 7304153

Client Sample Id: IR06-GW33-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW33-97D

TOTAL Metals

Lot-Sample #...: H7J270114-004 Matrix.....: WATER
Date Sampled...: 10/24/97 Date Received..: 10/25/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHQ10R
Prep Batch #...: 7304124						
Aluminum	**715**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHQ102**
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHQ10M
Lead	ND	3.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHQ10N
Antimony	ND	60.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHQ103
Barium	**80.1 B**	**200** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHQ104**
Selenium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMHQ10P
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHQ105
Thallium	**3.8 B**	**10.0** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDMHQ10Q**
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHQ106
Calcium	**1690 B**	**5000** Dilution Factor: 1	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMHQ107**
Chromium	ND	10.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHQ108
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHQ109
Copper	ND	25.0 Dilution Factor: 1	ug/L	ICLP ILM03.0	10/31/97	CDMHQ10A

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW33-97D

TOTAL Metals

Lot-Sample #...: H7J270114-004 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	258	100	ug/L	ICLP ILM03.0	10/31/97	CDMHQ10C
		Dilution Factor: 1				
Magnesium	4010 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDMHQ10D
		Dilution Factor: 1				
Manganese	10.9 B	15.0	ug/L	ICLP ILM03.0	10/31/97	CDMHQ10E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDMHQ10F
		Dilution Factor: 1				
Potassium	768 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDMHQ10G
		Dilution Factor: 1				
Silver	3.5 B	10.0	ug/L	ICLP ILM03.0	10/31/97	CDMHQ10H
		Dilution Factor: 1				
Sodium	12900	5000	ug/L	ICLP ILM03.0	10/31/97	CDMHQ1
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDMHQ10K
		Dilution Factor: 1				
Zinc	12.0 B	20.0	ug/L	ICLP ILM03.0	10/31/97	CDMHQ10L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW33-97D

General Chemistry

Lot-Sample #...: H7J270114-004 **Work Order #...:** CDMHQ **Matrix.....:** WATER
Date Sampled...: 10/24/97 **Date Received..:** 10/25/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**100**	**10**	**mg/L**	**MCAWW 160.1**	**10/29-10/30/97**	**7303151**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/29/97	7303162
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 006
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMJ0101 Date Extracted:10/31/97
Dilution factor: 10 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW34-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene chloride	100	U
67-64-1	Acetone	100	U
75-15-0	Carbon disulfide	100	U
75-35-4	1,1-Dichloroethene	100	U
75-34-3	1,1-Dichloroethane	100	U
540-59-0	**1,2-Dichloroethene (total)**	**170**	
67-66-3	Chloroform	100	U
107-06-2	1,2-Dichloroethane	100	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	100	U
56-23-5	Carbon tetrachloride	100	U
75-27-4	Bromodichloromethane	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
79-01-6	**Trichloroethene**	**400**	
124-48-1	Dibromochloromethane	100	U
79-00-5	**1,1,2-Trichloroethane**	**45**	**J**
71-43-2	Benzene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
75-25-2	Bromoform	100	U
108-10-1	4-Methyl-2-pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	**Tetrachloroethene**	**120**	
79-34-5	**1,1,2,2-Tetrachloroethane**	**9700**	**E**

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER

Lab Sample ID:H7J270114 006

Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL
Work Order: CDMJ0101
Dilution factor: 10
Moisture %:NA

Date Received: 10/25/97
Date Extracted:10/31/97
Date Analyzed: 10/31/97

QC Batch: 7304153

Client Sample Id: IR06-GW34-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	100	U
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	100	U
100-42-5	Styrene	100	U
1330-20-7	Xylenes (total)	100	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW34-97D

TOTAL Metals

Lot-Sample #...: H7J270114-006 **Matrix.....:** WATER
Date Sampled...: 10/24/97 **Date Received..:** 10/25/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	10/31/97	CDMJ010R
		Dilution Factor: 1				
Prep Batch #...: 7304124						
Aluminum	**822**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMJ0102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDMJ010M
		Dilution Factor: 1				
Lead	**4.6**	**3.0**	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDMJ010N**
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	10/31/97	CDMJ0103
		Dilution Factor: 1				
Barium	**97.9 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMJ0104**
		Dilution Factor: 1				
Selenium	**17.2**	**5.0**	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDMJ010P**
		Dilution Factor: 1				
Beryllium	**0.42 B**	**5.0**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMJ0105**
		Dilution Factor: 1				
Thallium	**4.5 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDMJ010Q**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDMJ0106
		Dilution Factor: 1				
Calcium	**7030**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDMJ0107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDMJ0108
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDMJ0109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	10/31/97	CDMJ010A
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW34-97D

TOTAL Metals

Lot-Sample #...: H7J270114-006 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	19.4 B	100	ug/L	ICLP ILM03.0	10/31/97	CDMJ010C
		Dilution Factor: 1				
Magnesium	7420	5000	ug/L	ICLP ILM03.0	10/31/97	CDMJ010D
		Dilution Factor: 1				
Manganese	30.8	15.0	ug/L	ICLP ILM03.0	10/31/97	CDMJ010E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDMJ010F
		Dilution Factor: 1				
Potassium	10200	5000	ug/L	ICLP ILM03.0	10/31/97	CDMJ010G
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDMJ010H
		Dilution Factor: 1				
Sodium	15500	5000	ug/L	ICLP ILM03.0	10/31/97	CDMJ010J
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDMJ010K
		Dilution Factor: 1				
Zinc	87.6	20.0	ug/L	ICLP ILM03.0	10/31/97	CDMJ010L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW34-97D

General Chemistry

Lot-Sample #...: H7J270114-006 **Work Order #...:** CDMJ0 **Matrix.....:** WATER
Date Sampled...: 10/24/97 **Date Received..:** 10/25/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**150**	**10**	**mg/L**	**MCAWW 160.1**	**10/29-10/30/97**	**7303151**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/29/97	7303162
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 006
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMJ0201 Date Extracted:10/31/97
Dilution factor: 50 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW34-97D -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	500	U
74-83-9	Bromomethane	500	U
75-01-4	Vinyl chloride	500	U
75-00-3	Chloroethane	500	U
75-09-2	Methylene chloride	500	U
67-64-1	Acetone	500	U
75-15-0	Carbon disulfide	500	U
75-35-4	1,1-Dichloroethene	500	U
75-34-3	1,1-Dichloroethane	500	U
540-59-0	**1,2-Dichloroethene (total)**	**110**	**J D**
67-66-3	Chloroform	500	U
107-06-2	1,2-Dichloroethane	500	U
78-93-3	2-Butanone	500	U
71-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon tetrachloride	500	U
75-27-4	Bromodichloromethane	500	U
78-87-5	1,2-Dichloropropane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
79-01-6	**Trichloroethene**	**360**	**J D**
124-48-1	Dibromochloromethane	500	U
79-00-5	1,1,2-Trichloroethane	500	U
71-43-2	Benzene	500	U
10061-02-6	trans-1,3-Dichloropropene	500	U
75-25-2	Bromoform	500	U
108-10-1	4-Methyl-2-pentanone	500	U
591-78-6	2-Hexanone	500	U
127-18-4	**Tetrachloroethene**	**110**	**J D**
79-34-5	**1,1,2,2-Tetrachloroethane**	**8500**	**D**

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 006
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMJ0201 Date Extracted:10/31/97
Dilution factor: 50 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW34-97D -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	500	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	500	U
100-42-5	Styrene	500	U
1330-20-7	Xylenes (total)	500	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER

Lab Sample ID:H7J280132 011

Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL
Work Order: CDN8E101
Dilution factor: 1
Moisture %:NA

Date Received: 10/28/97
Date Extracted:10/31/97
Date Analyzed: 10/31/97

QC Batch: 7304153

Client Sample Id: IR06-GW35D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	**1,1,2,2-Tetrachloroethane**	**2.9**	**J**

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 011
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN8E101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW35D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW35D-97D

TOTAL Metals

Lot-Sample #...: H7J280132-011 **Matrix.....:** WATER
Date Sampled...: 10/26/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	10/31/97	CDN8E10R
		Dilution Factor: 1				
Prep Batch #...: 7304124						
Aluminum	**118 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8E102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8E10M
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8E10N
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	10/31/97	CDN8E103
		Dilution Factor: 1				
Barium	**10.7 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8E104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8E10P
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDN8E105
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8E10Q
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDN8E106
		Dilution Factor: 1				
Calcium	**75200**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8E107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8E108
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8E109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	10/31/97	CDN8E10A
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW35D-97D

TOTAL Metals

Lot-Sample #...: H7J280132-011 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	733	100	ug/L	ICLP ILM03.0	10/31/97	CDN8E10C
		Dilution Factor: 1				
Magnesium	2030 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8E10D
		Dilution Factor: 1				
Manganese	31.0	15.0	ug/L	ICLP ILM03.0	10/31/97	CDN8E10E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDN8E10F
		Dilution Factor: 1				
Potassium	1960 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8E10G
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8E10H
		Dilution Factor: 1				
Sodium	7350	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8E1
		Dilution Factor: 1				
Vanadium	9.3 B	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8E10K
		Dilution Factor: 1				
Zinc	7.8 B	20.0	ug/L	ICLP ILM03.0	10/31/97	CDN8E10L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW35D-97D

General Chemistry

Lot-Sample #...: H7J280132-011 **Work Order #...:** CDN8E **Matrix.....:** WATER
Date Sampled...: 10/26/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**210**	**10**	**mg/L**	**MCAWW 160.1**	**10/30-10/31/97**	**7303154**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/30-10/31/97	7303158
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 012
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN8F101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/03/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW36D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	**1.1**	**J B**
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 012
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN8F101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/03/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW36D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW36D-97D

TOTAL Metals

Lot-Sample #...: H7J280132-012 Matrix.....: WATER
Date Sampled...: 10/25/97 Date Received..: 10/28/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	10/31/97	CDN8F10R
		Dilution Factor: 1				
Prep Batch #...: 7304124						
Aluminum	**42.3 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8F102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8F10M
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8F10N
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	10/31/97	CDN8F103
		Dilution Factor: 1				
Barium	**6.3 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8F104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8F10P
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDN8F105
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8F10Q
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDN8F106
		Dilution Factor: 1				
Calcium	**64200**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8F107**
		Dilution Factor: 1				
Chromium	**6.3 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8F108**
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8F109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	10/31/97	CDN8F10A
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW36D-97D

TOTAL Metals

Lot-Sample #...: H7J280132-012 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	824	100	ug/L	ICLP ILM03.0	10/31/97	CDN8F10C
		Dilution Factor: 1				
Magnesium	1490 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8F10D
		Dilution Factor: 1				
Manganese	35.5	15.0	ug/L	ICLP ILM03.0	10/31/97	CDN8F10E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDN8F10F
		Dilution Factor: 1				
Potassium	1740 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8F10G
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8F10H
		Dilution Factor: 1				
Sodium	5630	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8F10J
		Dilution Factor: 1				
Vanadium	10.3 B	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8F10K
		Dilution Factor: 1				
Zinc	11.3 B	20.0	ug/L	ICLP ILM03.0	10/31/97	CDN8F10L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW36D-97D

General Chemistry

Lot-Sample #...: H7J280132-012 **Work Order #...:** CDN8F **Matrix.....:** WATER
Date Sampled...: 10/25/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**180**	**10**	**mg/L**	**MCAWW 160.1**	**10/30-10/31/97**	**7303154**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/30-10/31/97	7303158
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 013
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN8G101 Date Extracted:10/31/97
Dilution factor: 5 Date Analyzed: 10/31/97
Moisture %:NA
QC Batch: 7304153

Client Sample Id: IR06-GW37D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	50	U
74-83-9	Bromomethane	50	U
75-01-4	**Vinyl chloride**	**16**	**J**
75-00-3	Chloroethane	50	U
75-09-2	Methylene chloride	50	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	**1,2-Dichloroethene (total)**	**230**	
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	50	U
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon tetrachloride	50	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	**Trichloroethene**	**8.0**	**J**
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	**Benzene**	**7.8**	**J**
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 013
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN8G101 Date Extracted:10/31/97
Dilution factor: 5 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-GW37D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylenes (total)	50	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW37D-97D

TOTAL Metals

Lot-Sample #...: H7J280132-013 **Matrix.....:** WATER
Date Sampled...: 10/25/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	10/31/97	CDN8G10R
		Dilution Factor: 1				
Prep Batch #...: 7304124						
Aluminum	ND	200	ug/L	ICLP ILM03.0	10/31/97	CDN8G102
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8G10M
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8G10N
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	10/31/97	CDN8G103
		Dilution Factor: 1				
Barium	**8.5 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8G104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8G10P
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDN8G105
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8G10Q
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDN8G106
		Dilution Factor: 1				
Calcium	**53600**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN8G107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8G108
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8G109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	10/31/97	CDN8G10A
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW37D-97D

TOTAL Metals

Lot-Sample #...: H7J280132-013 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	469	100	ug/L	ICLP ILM03.0	10/31/97	CDN8G10C
		Dilution Factor: 1				
Magnesium	1320 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8G10D
		Dilution Factor: 1				
Manganese	9.2 B	15.0	ug/L	ICLP ILM03.0	10/31/97	CDN8G10E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDN8G10F
		Dilution Factor: 1				
Potassium	1400 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8G10G
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8G10H
		Dilution Factor: 1				
Sodium	5160	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8G1
		Dilution Factor: 1				
Vanadium	9.1 B	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8G10K
		Dilution Factor: 1				
Zinc	10.1 B	20.0	ug/L	ICLP ILM03.0	10/31/97	CDN8G10L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW37D-97D

General Chemistry

Lot-Sample #...: H7J280132-013 **Work Order #...:** CDN8G **Matrix.....:** WATER
Date Sampled...: 10/25/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**160**	**10**	**mg/L**	**MCAWW 160.1**	**10/30-10/31/97**	**7303154**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/30-10/31/97	7303158
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 007
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQ2101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/04/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW38D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	**1.2**	**J B**
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 007
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQ2101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/04/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-GW38D-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW38D-97D

TOTAL Metals

Lot-Sample #...: H7J300160-007 Matrix.....: WATER
Date Sampled...: 10/27/97 Date Received..: 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**142 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ2102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ210M
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ210N
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ2103
		Dilution Factor: 1				
Barium	ND	200	ug/L	ICLP ILM03.0	11/04/97	CDPQ2104
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPQ2
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ2105
		Dilution Factor: 1				
Thallium	**4.5 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPQ210Q**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ2106
		Dilution Factor: 1				
Calcium	**3940 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ2107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ2108
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ2109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ210A
		Dilution Factor: 1				
Iron	**43.7 B**	**100**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ210C**
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW38D-97D

TOTAL Metals

Lot-Sample #...: H7J300160-007 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**1350 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ210D**
		Dilution Factor: 1				
Manganese	**2.9 B**	**15.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ210E**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ210F
		Dilution Factor: 1				
Potassium	**10600**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ210G**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ210H
		Dilution Factor: 1				
Sodium	**215000**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ210J**
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPQ210K
		Dilution Factor: 1				
Zinc	**23.1**	**20.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPQ210L**
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPQ210R
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW38D-97D

General Chemistry

Lot-Sample #...: H7J300160-007 **Work Order #...:** CDPQ2 **Matrix.....:** WATER
Date Sampled...: 10/27/97 **Date Received..:** 10/30/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**520**	**10**	**mg/L**	**MCAWW 160.1**	**10/31-11/03/97**	**7304226**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/31-11/03/97	7304223
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER

Lab Sample ID:H7J300160 001

Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL

Date Received: 10/30/97

Work Order: CDPNW101

Date Extracted:11/05/97

Dilution factor: 1

Date Analyzed: 11/05/97

Moisture %:NA

QC Batch: 7309185

Client Sample Id: IR06-GW40DW-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	**1.5**	**J B**
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 001
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPNW101 Date Extracted:11/05/97
Dilution factor: 1 Date Analyzed: 11/05/97
Moisture %:NA

QC Batch: 7309185

Client Sample Id: IR06-GW40DW-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW40DW-97D

TOTAL Metals

Lot-Sample #...: H7J300160-001 Matrix.....: WATER
Date Sampled...: 10/28/97 Date Received..: 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**53.6 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPNW102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPNW10M
		Dilution Factor: 1				
Lead	**1.2 B**	**3.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPNW10N**
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	11/04/97	CDPNW103
		Dilution Factor: 1				
Barium	**8.3 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPNW104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPNW10P
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPNW105
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPNW10Q
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPNW106
		Dilution Factor: 1				
Calcium	**73800**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPNW107**
		Dilution Factor: 1				
Chromium	**5.1 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPNW108**
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPNW109
		Dilution Factor: 1				
Copper	**2.5 B**	**25.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPNW10A**
		Dilution Factor: 1				
Iron	**740**	**100**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPNW10C**
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW40DW-97D

TOTAL Metals

Lot-Sample #...: H7J300160-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	1530 B	5000	ug/L	ICLP ILM03.0	11/04/97	CDPNW10D
		Dilution Factor: 1				
Manganese	21.6	15.0	ug/L	ICLP ILM03.0	11/04/97	CDPNW10E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	11/04/97	CDPNW10F
		Dilution Factor: 1				
Potassium	1370 B	5000	ug/L	ICLP ILM03.0	11/04/97	CDPNW10G
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPNW10H
		Dilution Factor: 1				
Sodium	4690 B	5000	ug/L	ICLP ILM03.0	11/04/97	CDPNW10J
		Dilution Factor: 1				
Vanadium	12.3 B	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPNW-
		Dilution Factor: 1				
Zinc	16.3 B	20.0	ug/L	ICLP ILM03.0	11/04/97	CDPNW10L
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPNW10R
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW40DW-97D

General Chemistry

Lot-Sample #...: H7J300160-001 Work Order #...: CDPNW Matrix.....: WATER
Date Sampled...: 10/28/97 Date Received..: 10/30/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	180	10	mg/L	MCAWW 160.1	10/31-11/03/97	7304226
	Dilution Factor: 1					
Total Suspended Solids	10	4.0	mg/L	MCAWW 160.2	10/31-11/03/97	7304223
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 002
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPP8101 Date Extracted:11/05/97
Dilution factor: 1 Date Analyzed: 11/05/97
Moisture %:NA

QC Batch: 7309185

Client Sample Id: IR06-GW40DWA-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	**1.4**	**J B**
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER

Lab Sample ID:H7J300160 002

Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL

Date Received: 10/30/97

Work Order: CDPP8101

Date Extracted:11/05/97

Dilution factor: 1

Date Analyzed: 11/05/97

Moisture %:NA

QC Batch: 7309185

Client Sample Id: IR06-GW40DWA-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW40DWA-97D

TOTAL Metals

Lot-Sample #...: H7J300160-002 **Matrix.....:** WATER
Date Sampled...: 10/28/97 **Date Received..:** 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**356**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPP8102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPP810M
		Dilution Factor: 1				
Lead	**2.6 B**	**3.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPP810N**
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	11/04/97	CDPP8103
		Dilution Factor: 1				
Barium	**7.2 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPP8104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPP8?
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPP8105
		Dilution Factor: 1				
Thallium	**5.3 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPP810Q**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPP8106
		Dilution Factor: 1				
Calcium	**29200**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPP8107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPP8108
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPP8109
		Dilution Factor: 1				
Copper	**2.3 B**	**25.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPP810A**
		Dilution Factor: 1				
Iron	**497**	**100**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPP810C**
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW40DWA-97D

TOTAL Metals

Lot-Sample #...: H7J300160-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**11200**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPP810D**
		Dilution Factor: 1				
Manganese	**13.5 B**	**15.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPP810E**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	11/04/97	CDPP810F
		Dilution Factor: 1				
Potassium	**24100**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPP810G**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPP810H
		Dilution Factor: 1				
Sodium	**585000**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPP810J**
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPP810K
		Dilution Factor: 1				
Zinc	**33.0**	**20.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPP810L**
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPP810R
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR06-GW40DWA-97D

General Chemistry

Lot-Sample #...: H7J300160-002 Work Order #...: CDPP8 Matrix.....: WATER
Date Sampled...: 10/28/97 Date Received..: 10/30/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	1500	10	mg/L	MCAWW 160.1	10/31-11/03/97	7304226
	Dilution Factor: 1					
Total Suspended Solids	27	4.0	mg/L	MCAWW 160.2	10/31-11/03/97	7304223
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER

Lab Sample ID:H7J270114 007

Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL
Work Order: CDMJ2101
Dilution factor: 1
Moisture %:NA

Date Received: 10/25/97
Date Extracted:10/31/97
Date Analyzed: 10/31/97

QC Batch: 7304153

Client Sample Id: IR06-TB01-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	**1.2**	**J**
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J270114 007
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/25/97
Work Order: CDMJ2101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-TB01-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 014
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN8T101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-TB02-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	**1.0**	**J**
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 014
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN8T101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR06-TB02-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 008
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPQ4101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/09/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-TB03-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER

Lab Sample ID:H7J300160 008

Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL

Date Received: 10/30/97

Work Order: CDPQ4101

Date Extracted:11/03/97

Dilution factor: 1

Date Analyzed: 11/09/97

Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR06-TB03-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 001
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN80101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR82-MW02-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	**Vinyl chloride**	**1.6**	**J**
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J280132 001
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/28/97
Work Order: CDN80101 Date Extracted:10/31/97
Dilution factor: 1 Date Analyzed: 10/31/97
Moisture %:NA

QC Batch: 7304153

Client Sample Id: IR82-MW02-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR82-MW02-97D

TOTAL Metals

Lot-Sample #...: H7J280132-001 **Matrix.....:** WATER
Date Sampled...: 10/25/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303110						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	10/31/97	CDN8010R
		Dilution Factor: 1				
Prep Batch #...: 7304124						
Aluminum	**112 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN80102**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8010M
		Dilution Factor: 1				
Lead	**1.7 B**	**3.0**	**ug/L**	**ICLP ILM03.0**	**10/31-11/04/97**	**CDN8010N**
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	10/31/97	CDN80103
		Dilution Factor: 1				
Barium	**33.4 B**	**200**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN80104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8010P
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDN80105
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	ICLP ILM03.0	10/31-11/04/97	CDN8010Q
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	10/31/97	CDN80106
		Dilution Factor: 1				
Calcium	**82200**	**5000**	**ug/L**	**ICLP ILM03.0**	**10/31/97**	**CDN80107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN80108
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN80109
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	10/31/97	CDN8010A
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR82-MW02-97D

TOTAL Metals

Lot-Sample #...: H7J280132-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	5490	100	ug/L	ICLP ILM03.0	10/31/97	CDN8010C
		Dilution Factor: 1				
Magnesium	5980	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8010D
		Dilution Factor: 1				
Manganese	58.4	15.0	ug/L	ICLP ILM03.0	10/31/97	CDN8010E
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	ICLP ILM03.0	10/31/97	CDN8010F
		Dilution Factor: 1				
Potassium	603 B	5000	ug/L	ICLP ILM03.0	10/31/97	CDN8010G
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	10/31/97	CDN8010H
		Dilution Factor: 1				
Sodium	53300	5000	ug/L	ICLP ILM03.0	10/31/97	CDN80.
		Dilution Factor: 1				
Vanadium	13.5 B	50.0	ug/L	ICLP ILM03.0	10/31/97	CDN8010K
		Dilution Factor: 1				
Zinc	15.2 B	20.0	ug/L	ICLP ILM03.0	10/31/97	CDN8010L
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR82-MW02-97D

General Chemistry

Lot-Sample #...: H7J280132-001 **Work Order #...:** CDN80 **Matrix.....:** WATER
Date Sampled...: 10/25/97 **Date Received..:** 10/28/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**420**	**10**	**mg/L**	**MCAWW 160.1**	**10/30-10/31/97**	**7303154**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/30-10/31/97	7303158
	Dilution Factor: 1					

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:H7J300160 003
Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL Date Received: 10/30/97
Work Order: CDPPC101 Date Extracted:11/03/97
Dilution factor: 1 Date Analyzed: 11/04/97
Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR82-MW03-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	**Methylene chloride**	**1.1**	**J B**
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

BAKER ENVIRONMENTAL, INC.

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER

Lab Sample ID:H7J300160 003

Method: OCLP OLM03.1
Volatile Organics, GC/MS (CLP -OLM03.1)

Sample WT/Vol: 5 / mL

Date Received: 10/30/97

Work Order: CDPPC101

Date Extracted:11/03/97

Dilution factor: 1

Date Analyzed: 11/04/97

Moisture %:NA

QC Batch: 7307260

Client Sample Id: IR82-MW03-97D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR82-MW03-97D

TOTAL Metals

Lot-Sample #...: H7J300160-003 Matrix.....: WATER
Date Sampled...: 10/28/97 Date Received..: 10/30/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7308111						
Aluminum	**4330**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC102**
		Dilution Factor: 1				
Arsenic	**2.5 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPPC10M**
		Dilution Factor: 1				
Lead	**1.5 B**	**3.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPPC10N**
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	ICLP ILM03.0	11/04/97	CDPPC103
		Dilution Factor: 1				
Barium	**69.3 B**	**200**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC104**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	ICLP ILM03.0	11/04-11/11/97	CDPPC
		Dilution Factor: 1				
Beryllium	**0.78 B**	**5.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC105**
		Dilution Factor: 1				
Thallium	**3.1 B**	**10.0**	**ug/L**	**ICLP ILM03.0**	**11/04-11/11/97**	**CDPPC10Q**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	ICLP ILM03.0	11/04/97	CDPPC106
		Dilution Factor: 1				
Calcium	**3860 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC107**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPPC108
		Dilution Factor: 1				
Cobalt	**9.3 B**	**50.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC109**
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	ICLP ILM03.0	11/04/97	CDPPC10A
		Dilution Factor: 1				
Iron	**793**	**100**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC10C**
		Dilution Factor: 1				

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BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR82-MW03-97D

TOTAL Metals

Lot-Sample #...: H7J300160-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**5380**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC10D**
		Dilution Factor: 1				
Manganese	**116**	**15.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC10E**
		Dilution Factor: 1				
Nickel	**11.1 B**	**40.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC10F**
		Dilution Factor: 1				
Potassium	**1120 B**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC10G**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	ICLP ILM03.0	11/04/97	CDPPC10H
		Dilution Factor: 1				
Sodium	**9010**	**5000**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC10J**
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	ICLP ILM03.0	11/04/97	CDPPC10K
		Dilution Factor: 1				
Zinc	**62.2**	**20.0**	**ug/L**	**ICLP ILM03.0**	**11/04/97**	**CDPPC10L**
		Dilution Factor: 1				
Prep Batch #...: 7309113						
Mercury	ND	0.20	ug/L	ICLP ILM03.0	11/06/97	CDPPC10R
		Dilution Factor: 1				

NOTE(S):

B Estimated result. Result is less than RL.

BAKER ENVIRONMENTAL, INC.

Client Sample ID: IR82-MW03-97D

General Chemistry

Lot-Sample #...: H7J300160-003 **Work Order #...:** CDPPC **Matrix.....:** WATER
Date Sampled...: 10/28/97 **Date Received..:** 10/30/97

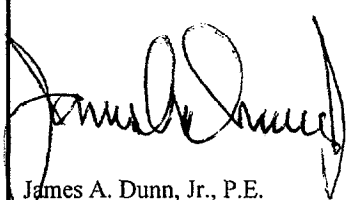
PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**110**	**10**	**mg/L**	**MCAWW 160.1**	**10/31-11/03/97**	**7304226**
	Dilution Factor: 1					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	10/31-11/03/97	7304223
	Dilution Factor: 1					

ATTACHMENT D
MONTHLY REMEDIAL SYSTEM PROGRESS REPORTS

Monthly Report – November 1997

Groundwater Treatment Plant

Lot 203

Contract N62420-93-D-3032 **Delivery Order 015**	
Period of Performance	11/1 -11/30/97
Duration	30 days
Product Recovery	0
Previously reported	0
Current period	0
Total to date	0
Treated Groundwater	
Estimated rate	285.7 gpm
Duration	23.50 days
Estimated Total treated this period	9,668,500 gallons
Treatment System Performance	
1. Changed cartridge filters 5 times. 2. Plant was down a total of 154 hours due to flow indicator sensor malfunction and cartridge change outs. 3. Normal maintenance has included filter changes weekly , oil changes for air compressor, back-washing sand filters and carbon units, and solids management. 4. At month end all wells were on-line and operating.	
Comments and Recommendations	
1. The volumes of treated groundwater have been based upon actual readings from the flowmeter. 2. Attached is tabular analytical data for the sampling events which occurred during the reporting period.	
Prepared by:  James A. Dunn, Jr., P.E. Date: January 5, 1998 Senior Project Manager	

Monthly Report – October 1997
Groundwater Treatment Plant
Lot 203

Contract N62420-93-D-3032 **Delivery Order 015**	
Period of Performance Duration	10/1 -10/30/97 30 days
Product Recovery Previously reported Current period Total to date	0 0 0 0
Treated Groundwater	
Estimated rate Duration Estimated Total treated this period	278.1 gpm 25.25 days 10,113,500 gallons
Treatment System Performance	
1. Changed cartridge filters 6 times. 2. Plant was down a total of 114 hours due to power outages and FCV switch. 3. Normal maintenance has included filter changes weekly , oil changes for air compressor, back-washing sand filters and carbon units, and solids management. 4. At month end all wells were on-line and operating.	
Comments and Recommendations	
1. The volumes of treated groundwater have been based upon actual readings from the flowmeter. 2. Attached is tabular analytical data for the sampling events which occurred during the reporting period.	
Prepared by: James A. Dunn, Jr., P.E. Date: December 5, 1997 Senior Project Manager	

Monthly Report – December 1997

Groundwater Treatment Plant

Lot 203

Contract N62420-93-D-3032 Delivery Order 015	
Period of Performance Duration	12/1 -12/31/97 31 days
Product Recovery Previously reported Current period Total to date	0 0 0 0
Treated Groundwater	
Estimated rate Duration Estimated Total treated this period	308.1 gpm 28.00 days 12,423,200 gallons
Treatment System Performance	
1. Changed cartridge filters 7 times. 2. Plant was down a total of 65 hours due to flow indicator sensor malfunction and cartridge change outs. 3. Normal maintenance has included filter changes weekly , oil changes for air compressor, back-washing sand filters and carbon units, and solids management. 4. At month end all wells were on-line and operating.	
Comments and Recommendations	
1. The volumes of treated groundwater have been based upon actual readings from the flowmeter. 2. Attached is tabular analytical data for the sampling events which occurred during the reporting period.	
Prepared by: James E. Dunn, Jr., P.E. Date February 5, 1998 Senior Project Manager	