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NAVAL AIR STATION, ALAMEDA
ALAMEDA, CALIFORNIA

QUALITY CONTROL SUMMARY REPORT SOLID WASTE WATER QUALITY ASSESSMENT TEST (SWAT) AND DATA SUMMARY REPORT FOR RI/FS PHASES 5 AND 6 VOLUME I of IV

FINAL

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FINAL
QUALITY CONTROL SUMMARY REPORT
SOLID WASTE WATER QUALITY ASSESSMENT
TEST AND DATA SUMMARY REPORT FOR
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
PHASES 5 AND 6

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NAVAL AIR STATION, ALAMEDA
SOLID WASTE WATER QUALITY ASSESSMENT
TEST (SWAT) QCSR DRAFT REPORT
RI/FS PHASES 5 AND 6

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1.0 ANALYTICAL QUALITY CONTROL PROGRAM

1.1 INTRODUCTION

This quality control summary report (QCSR) document is to be used in conjunction with the Solid Waste Water Quality Assessment Test Report for CTO 107 at Naval Air Station, Alameda, Sites 1, 2, and the Runway Area.

This section describes the guidelines utilized to evaluate the field program's chemical data. The quality control (QC) program and data quality objectives (DQO) were defined in the Quality Assurance Project Plan (QAPjP) published by Canonie 1990 and the JMM QAPjP Addendum. The DQO and QC program described in the QAPjP provided the structure by which the chemical data results were reviewed. This section will also address any deviations from the QAPjP.

Environmental Science and Engineering, Inc. (ESE), approved by Navy for this project, performed all of the required analyses. Analytical methods performed on both water and soil samples are presented in Table 1.

For review and comparison, Appendix A contains a table of field and laboratory sample identification numbers, batch identification number, and analytical parameters. This appendix also identifies the type of QC and quality assurance (QA) samples collected at the site. The three areas sampled during this project included soil surface and boring samples, surface waters, and quarterly groundwater monitoring. This report addresses soil data, surface water data, and groundwater data through the fourth quarter groundwater sampling event.

1.2 DATA QUALITY OBJECTIVES

DQOs are qualitative and quantitative statements that specify the quality of the data required to meet the goals of the investigation and to support decisions made in remedial response activities. DQOs are expressed in terms of precision, accuracy, representativeness, completeness, and comparability (PARCC) which were developed for this project based on U.S. Environmental Protection Agency (USEPA) procedures and James M. Montgomery Consulting Engineers, Incorporated (JMM) previous experience. DQOs are satisfied if QC samples meet the acceptance criteria established in the QAPjP. Unacceptable QC samples not meeting criteria will serve as flags to identify data that must be qualified or replaced through corrective procedures. The QAPjP identifies specific DQO for field sample and QC data. The following sections describe each of the PARCC criteria.

TABLE 1
ANALYTICAL METHODS

Parameter	Soil Samples	Water Samples
VOC (withTICs)	CLP RAS	CLP SAS
SVOC (withTICs)	CLP RAS	CLP RAS
Pesticides/PCBs	CLP RAS	CLP RAS
Petroleum Hydrocarbons	SW9071/EPA 418.1	EPA 418.1
Oil and Grease	SW9071/413.2	NA
Metals	CLP RAS	CLP RAS
Total Cyanide	CLP RAS	CLP RAS
Acidity	NA	EPA 305.1
Alkalinity	NA	SM 403
Chemical Oxygen Demand	NA	EPA 410.1
Chloride, Fluoride, Sulfate	NA	EPA 300
Hardness	NA	EPA 130.2
Nitrate, Nitrite	NA	EPA 353.2
pH	SW 9040	NA
Percent Moisture, Solids	ASTM D2216	NA
Specific Conductivity	NA	EPA 120.1
Total Dissolved Solids	NA	EPA 160.1
Total Suspended Solids	NA	EPA 160.2
Total Organic Carbon	ASTM D2974	EPA 415.2
Gross Alpha and Beta	EPA 900	EPA 900
Radium 226 and 228	EPA 900	EPA 900
Asbestos	PLM/Bulk	TEM

1.2.1 Precision and Accuracy

Precision is a measurement of mutual agreement among individual measurements of the same property usually under prescribed similar conditions. Precision data consist of results from the analysis of field duplicates, matrix spike duplicates, laboratory control samples (LCS), and blind samples. Precision is expressed in terms of a relative percent difference (RPD). These parameters are evaluated in Section 2.

Accuracy is the nearness of the mean of a set of results to the true value. Accuracy is assessed through the analysis of spiked laboratory control samples, internal and surrogate standards, and matrix spike samples. Accuracy is expressed as percent recovery. These parameters are evaluated in Section 2.

Precision and accuracy are evaluated mainly on the analysis of the matrix spike and matrix spike duplicate (MS/MSD) samples. Whenever the MS/MSD criteria are unacceptable, due to matrix effects, the evaluation will continue with the associated LCS. The LCS samples allow analytical bias and precision to be evaluated in a controlled matrix, making it possible to isolate analytical bias and precision from field sampling and matrix interference problems. Section 2 provides evaluation information on these parameters.

Precision and accuracy results for each water and soil sample batch analyzed are provided in Appendix A with the sample data. The QC tables include method blank, LCS, MS/MSD, and surrogate recovery summaries. A diagram is provided at the beginning of the appendix to illustrate the use of the summary tables. Some MS/MSD sample results are noted in these tables also to supplement unacceptable LCS results.

1.2.1.1 Laboratory Control Samples. The frequency of the LCS preparation and analyses are within guidelines stated in the QAPjP and the JMM QAPjP Addendum. All analyses have associated LCS data except asbestos analyses. LCS values are identified as the Standard Matrix Spike Recovery Summaries located above the MS/MSD or replicate QC data.

LCS analyses provide the precision and accuracy data for target analytes from an interference-free matrix. Therefore, the evaluation of data for this project will initially focus on MS/MSD results; if these are unacceptable, the LCS results will be assessed to distinguish a matrix interference from a laboratory performance problem. Sample batches with criteria issues are addressed in Section 2.

1.2.1.2 Surrogates. Evaluation of field sample accuracy were assessed through the percent recoveries of surrogate compounds. Surrogate compounds measure the efficiency of all analytical procedures used to analyze volatile organic compounds (VOC), semivolatile organic compounds (SVOC), and pesticide/polychlorinated biphenyls (PCBs). These compounds mimic the behavior of the target analytes. Surrogate compounds for applicable water and soil analyses were analyzed following CLP protocol. Surrogate results are provided with the

LCS data in Appendix A. If the precision and accuracy of the MS, the accuracy of the LCS, and the sample surrogate recovery was met, the data were acceptable and were not qualified. If the sample surrogate recovery exceeded the specified limits of the method, then the sample data may result in a positive bias and positive results would be qualified as estimates. If a sample surrogates were below the criteria limits, then both the positive results and the non-detect results may have a negative bias and both were qualified as estimates. If the sample surrogates are below a 10% recovery, then the non-detect data were qualified as unusable. A detailed evaluation of surrogate recoveries for each parameter is summarized on a per batch basis.

1.2.1.3 Matrix Spike and Matrix Spike Duplicate Samples. Matrix spike and matrix spike duplicate (MS/MSD) samples were collected and analyzed as outlined in the QAPjP and the JMM QAPjP Addendum. Appendix A contains a summary of the MS/MSD precision and accuracy acceptance limits. The RPD of the MS/MSD recoveries provided the tools to evaluate the precision while analytical accuracy was evaluated using the MS/MSD recoveries.

The MS/MSD precision and accuracy results aided in the assessment of matrix effects on the water and soil sample results for this project. Those recoveries not meeting acceptable limits were identified by an underlined value in Appendix A. In cases where MS/MSD results were unacceptable, the LCS results were evaluated for their acceptability. In this manner a matrix effect was distinguished from a laboratory performance problem. The MS/MSD criteria were met in QC batches unless noted. If the MS/MSD recoveries were found higher than the method recovery limits and the LCS had elevated recoveries, there is a positive bias to sample concentration due to both matrix affects and laboratory accuracy. Positive sample results were qualified as estimates. If MS/MSD recoveries were found below the specified recovery limits, then both the positive and non-detect results within the sample batch were estimates. But if recoveries were found to be equal or less than 10%, the positive results were estimates and non-detect results were rejected within the sample batch for the compound or analyte out of compliance.

For metal and general chemistry analyses, laboratory duplicates are implemented rather than a MS/MSD. The duplicate samples are compared for precision.

1.2.1.4 Field Duplicate Samples. Field duplicate sample were collected to aid in determining the precision of the analytical results. The duplicates were collected concurrently with the field samples, but were given a unique sample identification number. Therefore, the laboratory was unable to correlate the two samples, and the duplicates were kept "blind". The collection frequency established in the QAPjP and the JMM QAPjP Addendum was met.

Appendix B tables summarize analytical results and precision values for water and soil field duplicate samples. Any samples which had results less than the detection limit were included in the table. Samples that had

one positive result and one result less than detection limit were also included and were evaluated by considering how close the positive result was to the detection limit and the established criteria to evaluate precision.

There are no review criteria for field duplicate analyses comparability. Guidelines established by ESE follow 30% limit for water and 50% for soil matrices. Many of the field samples compared to the field duplicate samples produced high RPD values. These samples demonstrate possible non-homogeneity that may not be reflected upon the laboratory's analytical performance. The RPD values were not calculated for non-detectable analytes or compounds.

1.2.1.5 Blind Samples. Control samples were prepared by Analytical Products Group, Inc (APG) of Ohio. The values are analyzed by a network of laboratories to derive confidence limits and deviations of the true values. These samples were prepared with a known concentration of analytes or compounds in order to assess the accuracy of ESE results. Accuracy of ESE samples varied against the true values of the APG results. The results do not bias the results of the blind samples MWE-1 through MWE-6. Summary tables which demonstrate comparison of the APG true values against the ESE results are found in Appendix C.

Many of the ESE sample results compared to the APG true values produced high RPD values. RPD values ranged from zero to 199.6. These samples demonstrate possible confidence variations, due to instrument sensitivity or preparation of standards that may not be reflected upon the laboratory's analytical performance. The RPD values were not calculated for non-detectable analytes or compounds.

1.2.2 Representativeness

Representativeness displays the degree to which sample data accurately and precisely represent the characteristics of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is assessed based on the analysis of method blanks, trip blanks, equipment rinsate blanks, water source, and LCS. The evaluation of these samples is discussed in Section 2.

Representativeness is the reliability with which a measurement or measurements system reflects the true conditions under investigation. It is influenced by the number and location of the sampling points, sample timing and frequency in monitoring efforts, and by the field sampling and laboratory analytical procedures. By assessment of the sampling plan, with regards to the sample sites and sampling points, it was assessed that the sampling events that occurred at NAS Alameda were well representative of the conditions of the RI/FS conducted. Sampling points were placed with regard to possible contamination. Analytical methods and their units that were used for this RI/FS were effective in contaminant measurement.

Representativeness was also evaluated from the analysis of the water source, equipment rinsate blank, trip blank, and method blank quality control samples. Through the evaluation of these samples, it is possible to determine if analytes detected in water and soil samples are representative of site conditions or if positive values are indicative of contamination introduced during sampling or analysis. If a compound or analyte is found in a blank and the associated samples, then the amount in the samples is assessed to determine whether the value is a laboratory artifact or an altered value. If the compound is a common laboratory contaminant, methylene chloride, acetone, toluene, 2-butanone, or one of the phthalate esters, the value in the blank is multiplied by ten. If the sample value is greater than the multiplied value, then the sample amount is not qualified. If the sample value is less than the multiplied amount, then the sample value is qualified as an undetected estimate. Additionally, if the compound is not one of the common laboratory contaminants, then the value is multiplied by five and the sample is compared in the same format.

LCS is a useful tool in determining if recoveries are non-compliant due to matrix affect indicative of the site or if they are due to laboratory error.

1.2.2.1 Source Sample. One representative sample was taken from the on-site water source used for equipment decontamination before the final purified water is poured on and through the equipment. Source water samples allow determination of target compound background levels in equipment rinsate blanks. Appendix D lists the analytical methods and results obtained from the water source. Metal, as aluminum, calcium, iron, and sodium were detected in the sample. These metals were also detected in most of the field and equipment rinsate blanks and were qualified as estimates. This source water was taken from a fire hydrant located on base.

The concentrations found in the water source had an impact on the data; the calcium and iron results were above the method reporting limits. Due to the presence of these analytes in the water source, the corresponding field results may be positively biased. Decontamination procedures required a distilled/deionized (DI) rinse after the source water decontamination which may limit the extent of the bias but not eliminate it.

1.2.2.2 Equipment Rinsate Blanks. The equipment rinsate blanks for this project were obtained by pouring purified water over and through cleaned and decontaminated field equipment. These blanks measure the cumulative contamination from field sampling equipment, source water, sample storage, and the site itself.

Alhambra Water provided the purified water source used for CTO 107 equipment rinsates. Appendix E contains the laboratory analysis report of water quality from Alhambra. Purified water provided is produced by reverse osmosis and triple deionization.

Equipment rinsate blanks were collected within the guidelines of the QAPjP and the JMM QAPjP Addendum were analyzed for all the parameters under investigation. The equipment rinsate blanks were collected

for both water and soil sampling portions of the field program. Various metals, chloroform, methylene chloride, and acetone were found in several of the equipment rinsate blanks. The three organic compounds listed are known laboratory contaminates, but the associated laboratory method blanks do not contain these contaminants. Due to the presence of these analytes in the equipment rinsate blanks, the corresponding field results may be positively biased. The qualifying contamination rule performed on the method blanks is also applied for equipment rinsates. The results are presented in Appendix F.

1.2.2.3 Trip Blanks. Trip blanks were shipped and analyzed with the VOC samples. Trip blanks provide information on the cumulative contamination derived from trip blank source water, sample transit, and sample storage. Trip blanks were shipped and analyzed with every cooler containing samples for VOC analyses. Appendix G lists all the trip blanks and associated results.

Two soil trip blanks contained low detectable levels of acetone, but due to method blank contamination; the values were qualified as undetected estimates. The contamination may not be from sample transport but from laboratory contamination.

The first quarter groundwater trip blanks had some acetone values qualified as undetected estimate values due to method blank contamination. Trip blanks from 6/27/91, 7/8/91, and 7/11/91 contained valid concentrations of acetone. Methylene chloride was detected in TB*113 from 6/18/91. Second quarter groundwater trip blanks contained valid levels of carbon disulfide, but acetone was qualified as an undetected estimate due to laboratory contamination. Third quarter groundwater trip blanks were free from contaminants. Several trip blanks within fourth quarter groundwater sampling event contained acetone.

1.2.2.4 Method Blanks. Method blanks are ultra-pure water samples that contain all the reagents and have been through all the processing necessary for an analytical procedure. These blanks serve to measure the contamination from the laboratory water, instrumentation, reagents, and sample procedure. A method blank aids in distinguishing low level field contamination from lab contamination.

Method blank results for each analytical batch are included in their respective laboratory sample batch found in Appendix A. All method blank analyses were performed within guidelines of the QAPjP and the JMM QAPjP Addendum.

According to CLP protocol, for the following five compounds, the results are qualified by elevating the limit of detection when the sample concentration is less than ten times the blank concentration. The five common laboratory contaminants are methylene chloride, acetone, toluene, 2-butanone, and common phthalate esters. Other analytes or compounds are qualified based upon five times the method blank value. This CLP rule also applies to field blanks.

At every site, several samples were in QC batches that had detectable quantities of common laboratory contaminants in the associated method blank. The contaminants found in the VOC method blanks were acetone and methylene chloride. Bis (2-ethyl hexyl) phthalate was present in several SVOC method blanks.

Detectable quantities of these analytes in the associated samples were qualified due to the positive bias. The sample results are not corrected by subtracting the blank value. Rather, they are assessed by comparing the result to a value 10 times the analyte concentration found in the method blank (USEPA, 1988). Samples that contain the contaminant at a concentration of 10 times or less than the method blank concentration are flagged with a "UJ" qualifier indicating an undetected estimated value. Samples that were qualified as estimates are listed on Table 2 and Section 2.

1.2.3 Completeness and Comparability

Completeness is defined as the percentage of valid data relative to the total number of sample tests conducted. The goal set for completeness for all QC parameters, except sample holding times, is 90 percent. Although Canonie's QAPjP does not specify, the goal set for holding time is 95 percent. The comparability criterion is a characteristic which expresses that one data set can be compared to another. Comparability is a prime concern when existing data are being integrated into a continuing project data base.

The primary level of concern with regard to comparability is whether the field sampling techniques, analytical procedures, and concentration units of one data set can be compared with another. To ensure this comparability, field procedures are standardized by adhering to the standard operating procedures; laboratory procedures will follow USEPA analytical methods which utilize standard units of measurements. These criteria are evaluated in Section 2.

In this section, completeness of data was evaluated by assuring all analytical requests were met, samples were received in proper condition, and all the analyses were performed within analytical holding time. The analytical data were then evaluated for comparability of detection limits and associated dilution factors.

1.2.3.1 Completeness of Scheduled Analyses. Completeness is a comparison of the number of valid data obtained from a sample to the total number necessary to obtain project goals. The sample data were considered as valid if the data were not qualified or if the data were qualified as estimates. There was a few sample parameters or analytes that were rejected due to QC recoveries; qualified samples are listed on Table 2 of this document. There were no completely rejected samples within CTO 107, only parameters or specific compounds were rejected. All scheduled analyses were performed and the criteria of 90% for completeness and comparability was surpassed for the water and soil program.

Table 2 - Site 2 - Analytical Results for We . Surface Water Samples - General Chemicals

Parameter Reported	323SW 05/31/91 0.0 ft		
	Results	Val	Com
Physical Parameters-Lab			
Acidity,Total (mg/L-Cac03)	76.8		
Alkalinity,T. (mg/L-Caco3)	390		
Hardness (mg/L-Caco3)	7400		
Total Dissolved Solids (mg/L)	34900	J	d
Specific Cond.,Lab (µmhos/cm)	53200		
Physical Parameters-Field			
Ph,Field (Std Units)	6.5		
Sp.Cond.,Field@25C (µmhos/cm)	60000		
Water Temp (C)	NA		
Total Organic Carbon (mg/L)			
Carbon,Toc	41.4		
Anions			
Chloride (mg/L)	18570		
Fluoride (mg/L)	0.3	UJ	a
Sulfate (mg/L)	4334		

Notes: NA = Not analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qaulified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Surface Water Samples - General Chemicals

Parameter Reported	319SW 05/29/91 0.0 ft			320SW 05/29/91 0.0 ft			321SW 05/29/91 0.0 ft			322SW 05/29/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
Acidity,Total (mg/L-Cac03)	< 1.0			12.5			< 1.0			< 1.0		
Alkalinity,T. (mg/L-Caco3)	238			211			3390			1820		
Hardness (mg/L-Caco3)	8000			7400			13700			2600		
Total Dissolved Solids (mg/L)	39400	J	d	37200	J	d	91500	J	d	10900	J	d
Specific Cond.,Lab (µmhos/cm)	61800			58600			105000			19600		
Physical Parameters-Field												
Ph,Field (Std Units)	7			6			9			9		
Sp.Cond.,Field@25C (µmhos/cm)	65000			60000			140000			20000		
Water Temp (C)	NA			NA			NA			NA		
Total Organic Carbon (mg/L)												
Carbon,Toc	< 20.0			< 20.0			424			274		
Anions												
Chloride (mg/L)	22610			21740			56950			5342		
Fluoride (mg/L)	< 20.0			< 20.0			< 20.0			< 10.00		
Sulfate (mg/L)	3093			2903			7625			< 25.00		

Notes: NA = Not analyzed
UJ = Qualified, estimated not detected
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R = Qaulified, not usable
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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wet Surface Water Samples - General Chemicals

Parameter Reported	315SW 05/28/91 0.0 ft			316SW 05/28/91 0.0 ft			317SW 05/28/91 0.0 ft			318SW 05/28/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
Acidity,Total (mg/L-Cac03)	< 1.0			< 1.0			3.2			< 1.0		
Alkalinity,T. (mg/L-Caco3)	125			148			312			187		
Hardness (mg/L-Caco3)	12200			13300			6200			7000		
Total Dissolved Solids (mg/L)	53400	J	d	58600	J	d	28300	J	d	35900	J	d
Specific Cond.,Lab (µmhos/cm)	72900			83800			48400			55800		
Physical Parameters-Field												
Ph,Field (Std Units)	8			8			8			6		
Sp.Cond.,Field@25C (µmhos/cm)	72000			80000			40000			60000		
Water Temp (C)	NA			NA			NA			NA		
Total Organic Carbon (mg/L)												
Carbon,Toc	119			132			21.9			< 20.0		
Anions												
Chloride (mg/L)	30400			32020			16140			20930		
Fluoride (mg/L)	< 20.0			0.13	UJ	a	0.67	UJ	a	0.69	UJ	a
Sulfate (mg/L)	7118			7597			2073			2781		

Notes: NA = Not analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qaulified, not usable
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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Surface Water Samples - General Chemicals

Parameter Reported	Duplicate 311SW 05/24/91 0.0 ft			312SW 05/24/91 0.0 ft			313SW 05/24/91 0.0 ft			314SW 05/28/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
Acidity,Total (mg/L-Cac03)	< 1.0			< 1.0			< 1.0			< 1.0		
Alkalinity,T. (mg/L-Caco3)	140			144			145			136		
Hardness (mg/L-Caco3)	10000			10000			10800			11200		
Total Dissolved Solids (mg/L)	49000	J	d	48300	J	d	49200	J	d	52400	J	d
Specific Cond.,Lab (µmhos/cm)	62300			62500			62900			72400		
Physical Parameters-Field												
Ph,Field (Std Units)	8			8			8			8		
Sp.Cond.,Field@25C (µmhos/cm)	75000			70000			70000			65000		
Water Temp (C)	23			22			24			NA		
Total Organic Carbon (mg/L)												
Carbon,Toc	94.1			115			111			103		
Anions												
Chloride (mg/L)	25760			26570			25060			28660		
Fluoride (mg/L)	< 20.0			0.14	UJ	a	< 20.0			< 20.0		
Sulfate (mg/L)	6092			6085			6095			6766		

Notes: NA = Not analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qaulified, not usable
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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wet Surface Water Samples - General Chemicals

Parameter Reported	308SW 05/23/91 0.0 ft			309SW 05/24/91 0.0 ft			310SW 05/24/91 0.0 ft			311SW 05/24/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
Acidity,Total (mg/L-Cac03)	< 1.0			< 1.0			< 1.0			< 1.0		
Alkalinity,T. (mg/L-Caco3)	137			146			144			142		
Hardness (mg/L-Caco3)	11000			11000			10000			11600		
Total Dissolved Solids (mg/L)	47200	J	d	48600	J	d	48100	J	d	47500	J	d
Specific Cond.,Lab (µmhos/cm)	62300			61700			62200			61700		
Physical Parameters-Field												
Ph,Field (Std Units)	9			8			8			8		
Sp.Cond.,Field@25C (µmhos/cm)	70000			75000			70000			75000		
Water Temp (C)	20			23			19			23		
Total Organic Carbon (mg/L)												
Carbon,Toc	87.9			81.5			89.8			98.3		
Anions												
Chloride (mg/L)	25620			26150			25640			25930		
Fluoride (mg/L)	< 20.0			0.15	UJ	a	0.15	UJ	a	0.14	UJ	a
Sulfate (mg/L)	6073			6051			6066			6080		

Notes: NA = Not analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qaulified, not usable
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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Surface Water Samples - General Chemicals

Parameter Reported	304SW 05/23/91 0.0 ft			305SW 05/23/91 0.0 ft			306SW 05/23/91 0.0 ft			307SW 05/23/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
Acidity,Total (mg/L-Cac03)	< 1.0			< 1.0			< 1.0			< 1.0		
Alkalinity,T. (mg/L-Caco3)	111			82			136			149		
Hardness (mg/L-Caco3)	9900			10000			12400			10000		
Total Dissolved Solids (mg/L)	46400	J	d	47500	J	d	47200	J	d	44800	J	d
Specific Cond.,Lab (µmhos/cm)	60600			61600			61800			61300		
Physical Parameters-Field												
Ph,Field (Std Units)	8			8			9			8		
Sp.Cond.,Field@25C (µmhos/cm)	70000			70000			70000			70000		
Water Temp (C)	20			20			20			20		
Total Organic Carbon (mg/L)												
Carbon,Toc	98.9			91.3			104			96.1		
Anions												
Chloride (mg/L)	26330			25630			25890			25700		
Fluoride (mg/L)	< 20.0			0.14	UJ	a	< 20.0			0.15	UJ	a
Sulfate (mg/L)	5951			5967			6018			6018		

Notes: NA = Not analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qaulified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wet Surface Water Samples - General Chemicals

Parameter Reported	301SW 05/22/91 0.0 ft			302SW 05/22/91 0.0 ft			303SW 05/23/91 0.0 ft			Duplicate 303SW 05/23/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
Acidity,Total (mg/L-Cac03)	< 1.0			< 1.0			< 1.0			< 1.0	UJ	
Alkalinity,T. (mg/L-Caco3)	116			115			111			110		
Hardness (mg/L-Caco3)	9900			10000			10000			10100		
Total Dissolved Solids (mg/L)	46800	J	d	46600	J	d	46600	J	d	47600	J	d
Specific Cond.,Lab (µmhos/cm)	60400			60100			61700			61700		
Physical Parameters-Field												
Ph,Field (Std Units)	9			10			8			9		
Sp.Cond.,Field@25C (µmhos/cm)	70000			70000			70000			70000		
Water Temp (C)	NA			NA			20			20		
Total Organic Carbon (mg/L)												
Carbon,Toc	100			104			93.4			80.5		
Anions												
Chloride (mg/L)	24970			25110			25340			25330		
Fluoride (mg/L)	0.15	UJ	a	< 20.0			0.14	UJ	a	0.15	UJ	a
Sulfate (mg/L)	5806			5795			5836			5880		

Notes: NA = Not analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qaulified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	Duplicate N-207 05/16/91 0.0 ft			N-208 05/16/91 0.0 ft			N-209 05/16/91 0.0 ft			N-210 05/16/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	98.5			98.7			97.9			99.2		
Moisture (% Wet Wt)	1.5			1.3			2.1			0.8		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	2.1			4.2			0.5			3.1		
Alpha,Gross, Count Error	0.91			1.01			0.51			0.81		
Beta,Gross	< 0.305			< 0.304			< 0.306			0.302		
Beta,Gross, Count Error	0.7			0.6			0.5			0.6		
Radium 226	2	UJ	a	2	UJ	a	2	UJ	a	3		
Radium 226, Count Error	0.41			0.52			0.51			0.49		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.5			0.4			0.4			0.6		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results f[illegible]rface Soil Samples - General Chemicals

Parameter Reported	N-203 05/15/91 0.0 ft			N-204 05/15/91 0.0 ft			N-205 05/16/91 0.0 ft			N-206 05/16/91 0.0 ft			N-207 05/16/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	97.4			96.2			96.5			96			98.2		
Moisture (% Wet Wt)	2.6			3.8			3.5			4			1.8		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	3.1			2			2.3			1.8			4		
Alpha,Gross, Count Error	1.03			0.62			0.83			0.63			1.22		
Beta,Gross	2.01			0.624			0.415			0.417			0.305		
Beta,Gross, Count Error	0.7			0.6			0.6			0.6			0.8		
Radium 226	2			5			9			4	UJ	a	4	UJ	a
Radium 226, Count Error	0.41			0.76			1.04			0.6			0.64		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.5			0.4			0.4			0.4			0.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	M-210 05/15/91 0.0 ft			N-200 05/15/91 0.0 ft			N-201 05/15/91 0.0 ft			Duplicate N-201 05/15/91 0.0 ft			N-202 05/15/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	87.5			96.1			98			98			90.7		
Moisture (% Wet Wt)	12.5			3.9			2			2			9.3		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	3.1			0.6			2			2.2			2.9		
Alpha,Gross, Count Error	1.37			0.73			1.02			0.92			1.32		
Beta,Gross	2.29			0.624			< 0.306			1.02			2.43		
Beta,Gross, Count Error	0.9			0.6			0.6			0.8			0.8		
Radium 226	7			7			4	UJ	a	6			5		
Radium 226, Count Error	0.95			0.94			0.61			0.83			0.88		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4			0.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results f[illegible]rface Soil Samples - General Chemicals

Parameter Reported	M-206 05/15/91 0.0 ft			M-207 05/15/91 0.0 ft			Duplicate M-207 05/15/91 0.0 ft			M-208 05/15/91 0.0 ft			M-209 05/15/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	84.6			60.6			86.4			94.6			82.5		
Moisture (% Wet Wt)	15.4			39.4			13.6			5.4			17.5		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.8			4.8			1.7			3			5.7		
Alpha,Gross, Count Error	0.59			4.46			0.58			0.85			1.94		
Beta,Gross	< 0.355			5.78			< 0.347			< 0.317			5.7		
Beta,Gross, Count Error	0.6			1.3			0.6			0.6			1.1		
Radium 226	3			7			4			6			2		
Radium 226, Count Error	0.67			1.07			0.59			0.77			0.42		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.5			0.4			0.5			0.3			0.6		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	M-201 05/15/91 0.0 ft			M-202 05/15/91 0.0 ft			M-203 05/15/91 0.0 ft			M-204 05/15/91 0.0 ft			M-205 05/15/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	89.9			95.5			92.1			83.7			87.7		
Moisture (% Wet Wt)	10.1			4.5			7.9			16.3			12.3		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.2			0.8			3.1			2.3			1.5		
Alpha,Gross, Count Error	1.11			0.63			0.87			0.62			0.68		
Beta,Gross	3.23			0.628			0.543			< 0.597			< 0.342		
Beta,Gross, Count Error	0.9			0.6			0.7			0.7			0.6		
Radium 226	7			4			6			2			4		
Radium 226, Count Error	0.98			0.68			0.77			0.44			0.68		
Radium 228	< 0.3			0.5	UJ	a	0.5	UJ	a	< 0.3			< 0.3		
Radium 228, Count Error	0.5			0.4			0.4			0.5			0.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results f[illegible]rface Soil Samples - General Chemicals

Parameter Reported	L-206 05/14/91 0.0 ft			L-207 05/14/91 0.0 ft			L-208 05/14/91 0.0 ft			L-209 05/14/91 0.0 ft			L-210 05/15/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	89.4			60.8			96.9			88.6			93.4		
Moisture (% Wet Wt)	10.6			39.2			3.1			11.4			6.6		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	3.4			4.1			0.8			3.2			1.2		
Alpha,Gross, Count Error	1.12			1.65			0.93			1.13			0.86		
Beta,Gross	0.895			3.49			0.619			1.24			1.39		
Beta,Gross, Count Error	0.8			1.1			0.6			0.7			0.6		
Radium 226	2	UJ	a	2			2	UJ	a	4			4		
Radium 226, Count Error	0.48			0.54			0.38			0.64			0.71		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.5			0.4			0.4			0.5		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	L-202 05/14/91 0.0 ft			L-203 05/14/91 0.0 ft			L-204 05/14/91 0.0 ft			Duplicate L-204 05/14/91 0.0 ft			L-205 05/14/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	96			97			92.8			94.7			91.9		
Moisture (% Wet Wt)	4			3			7.2			5.3			8.1		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.4			1.5			0.6			0.8			1		
Alpha,Gross, Count Error	0.42			0.62			0.43			0.42			0.54		
Beta,Gross	3.54			< 0.309			0.431			< 0.317			< 0.326		
Beta,Gross, Count Error	0.7			0.7			0.8			0.6			0.5		
Radium 226	4			4			3	UJ	a	5			4		
Radium 226, Count Error	0.65			0.61			0.53			0.73			0.7		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4			0.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo face Soil Samples - General Chemicals

Parameter Reported	K-209 05/14/91 0.0 ft			Duplicate K-209 05/14/91 0.0 ft			K-210 05/15/91 0.0 ft			L-200 05/14/91 0.0 ft			L-201 05/14/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	95.8			83.1			95			94.6			78		
Moisture (% Wet Wt)	4.2			16.9			5			5.4			22		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.5			3			2.4			1.1			< 0.4		
Alpha,Gross, Count Error	0.63			0.96			0.63			0.53			2.18		
Beta,Gross	1.25			< 0.361			0.632			1.9			< 0.385		
Beta,Gross, Count Error	0.7			0.7			0.5			0.7			0.8		
Radium 226	7			3	UJ	a	4			4			8		
Radium 226, Count Error	0.94			0.6			0.69			0.57			1		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4			0.4		

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c = matrix spike
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h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	K-204 05/14/91 0.0 ft			K-205 05/14/91 0.0 ft			K-206 05/14/91 0.0 ft			K-207 05/14/91 0.0 ft			K-208 05/14/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	96.9			83.6			83.7			88.8			96.6		
Moisture (% Wet Wt)	3.1			16.4			16.3			11.2			3.4		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.8			6.6			1.9			2.4			2.3		
Alpha,Gross, Count Error	0.62			2.03			0.84			0.79			0.75		
Beta,Gross	< 0.310			3.83			1.08			2.14			1.83		
Beta,Gross, Count Error	0.6			0.8			0.7			0.7			0.7		
Radium 226	4			13			10			7			3		
Radium 226, Count Error	0.73			1.3			1.18			0.9			0.46		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4			0.6		

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a = method blank
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c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results f[illegible]face Soil Samples - General Chemicals

Parameter Reported	J-210 05/13/91 0.0 ft			K-200 05/14/91 0.0 ft			K-201 05/14/91 0.0 ft			K-202 05/14/91 0.0 ft			K-203 05/14/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	86.2			87.2			96.4			96.6			95.1		
Moisture (% Wet Wt)	13.8			12.8			3.6			3.4			4.9		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	4.6			2.9			2.9			2			1.6		
Alpha,Gross, Count Error	1.62			0.92			0.73			0.68			0.53		
Beta,Gross	3.02			0.459			< 0.311			1.35			< 0.315		
Beta,Gross, Count Error	0.9			0.7			0.6			0.6			0.6		
Radium 226	3			3			2			2			2		
Radium 226, Count Error	0.43			0.46			0.34			0.4			0.39		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.5			0.5			0.4		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	J-205 05/13/91 0.0 ft			J-206 05/13/91 0.0 ft			J-207 05/13/91 0.0 ft			J-208 05/13/91 0.0 ft			J-209 05/13/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	71.1			80.1			87.2			94.6			92		
Moisture (% Wet Wt)	28.9			19.9			12.8			5.4			8		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	6.6			2.9			2.4			3.6			3		
Alpha,Gross, Count Error	2.57			0.87			0.92			1.16			0.87		
Beta,Gross	7.57			7.37			3.9			2.96			0.543		
Beta,Gross, Count Error	1.6			1			0.8			0.7			0.7		
Radium 226	3			3			3			2			3		
Radium 226, Count Error	0.53			0.52			0.52			0.45			0.52		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.5			0.5			0.4			0.4			0.4		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
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Table 2 - Site 2 - Analytical Results f face Soil Samples - General Chemicals

Parameter Reported	J-200 05/13/91 0.0 ft			J-201 05/13/91 0.0 ft			Duplicate J-201 05/13/91 0.0 ft			J-202 05/13/91 0.0 ft			J-204 05/13/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	93			75.6			74.3			74.2			77.4		
Moisture (% Wet Wt)	7			24.4			25.7			25.8			22.6		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.3			2.1			9.3			2.4			3.5		
Alpha,Gross, Count Error	0.86			0.79			2.83			0.94			1.03		
Beta,Gross	0.753			3.57			5.38			4.31			5.04		
Beta,Gross, Count Error	0.8			0.9			1.3			1.1			0.9		
Radium 226	4			3			4			5			3		
Radium 226, Count Error	0.6			0.48			0.71			0.69			0.56		
Radium 228	< 0.3			< 0.3			< 0.3			0.5			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4			0.4		

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b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	I-207 05/13/91 0.0 ft			I-208 05/13/91 0.0 ft			Duplicate I-208 05/13/91 0.0 ft			I-209 05/13/91 0.0 ft			I-210 05/13/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	95.6			95.7			96.7			94.7			95.4		
Moisture (% Wet Wt)	4.4			4.3			3.3			5.3			4.6		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.2			2			2.2			1.3			1.9		
Alpha,Gross, Count Error	0.52			0.63			0.79			0.74			0.73		
Beta,Gross	1.15			1.12			1.99			1.9			1.15		
Beta,Gross, Count Error	0.6			0.7			0.7			0.7			0.7		
Radium 226	4			0.6	UJ	a	2			4			3		
Radium 226, Count Error	0.52			0.21			0.39			0.54			0.5		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.6			0.5			0.4			0.4		

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b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
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Table 2 - Site 2 - Analytical Results f[illegible]rface Soil Samples - General Chemicals

Parameter Reported	I-202 05/13/91 0.0 ft			I-203 05/13/91 0.0 ft			I-204 05/13/91 0.0 ft			I-205 05/13/91 0.0 ft			I-206 05/13/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	82.7			79.9			83.7			81.3			87.5		
Moisture (% Wet Wt)	17.3			20.1			16.3			18.7			12.5		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	6.8			13.6			7			6.8			5.3		
Alpha,Gross, Count Error	2.2			3.38			2.75			1.97			1.26		
Beta,Gross	5			6.01			7.29			5.9			4.11		
Beta,Gross, Count Error	1.1			1.4			1.3			1			1		
Radium 226	2			9			8			10			3		
Radium 226, Count Error	0.41			1.08			0.88			1.11			0.47		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.6			0.4			0.4			0.4			0.4		

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	H-209 05/10/91 0.0 ft			H-210 05/10/91 0.0 ft			Duplicate H-210 05/10/91 0.0 ft			I-200 05/13/91 0.0 ft			I-201 05/13/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	96.7			95.8			95.5			92.3			71.7		
Moisture (% Wet Wt)	3.3			4.2			4.5			7.7			28.3		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	2.7			7.1			3.7			0.8			4.6		
Alpha,Gross, Count Error	0.91			2.65			0.94			0.86			1.53		
Beta,Gross	2.77			5.28			2.09			2.69			3.49		
Beta,Gross, Count Error	0.8			0.8			0.7			0.7			1		
Radium 226	1	UJ	a	2			3	UJ	a	4	UJ	a	12		
Radium 226, Count Error	0.3			0.39			0.64			0.7			1.35		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.2			0.4			0.4			0.4			0.4		

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
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Table 2 - Site 2 - Analytical Results rface Soil Samples - General Chemicals

Parameter Reported	H-204 05/10/91 0.0 ft			H-205 05/10/91 0.0 ft			H-206 05/10/91 0.0 ft			H-207 05/10/91 0.0 ft			H-208 05/10/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	61.3			83.6			96.3			92.1			90.1		
Moisture (% Wet Wt)	38.7			16.4			3.7			7.9			9.9		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	13.8			8.8			3.2			6			6.9		
Alpha,Gross, Count Error	4.73			2.89			0.84			1.32			2.94		
Beta,Gross	12.5			7.89			4.25			3.87			7.14		
Beta,Gross, Count Error	1.9			1.2			0.9			1.1			0.9		
Radium 226	5			4			3			2			5		
Radium 226, Count Error	0.75			0.56			0.46			0.45			0.69		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.3			0.3			0.3			0.3			0.3		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	G-210 05/09/91 0.0 ft			H-200 05/10/91 0.0 ft			H-201 05/10/91 0.0 ft			H-202 05/10/91 0.0 ft			H-203 05/10/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	96.1			98.1			70			65.7			75.7		
Moisture (% Wet Wt)	3.9			1.9			30			34.3			24.3		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.2			1.3			3.5			5.8			14.1		
Alpha,Gross, Count Error	0.57			0.75			2.34			2.02			4.02		
Beta,Gross	0.739			0.795			6.47			5.53			10.4		
Beta,Gross, Count Error	0.7			0.7			1.1			1.1			1.4		
Radium 226	2			2			5			5			6		
Radium 226, Count Error	0.41			0.4			0.71			0.84			0.7		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.3			0.3			0.3			0.3			0.3		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	G-207 05/10/91 0.0 ft			G-208 05/09/91 0.0 ft			Duplicate G-208 05/09/91 0.0 ft			G-209 05/09/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	98.2			98.3			98.2			98.7		
Moisture (% Wet Wt)	1.8			1.7			1.8			1.3		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	2.1			1.7			1.5			1.9		
Alpha,Gross, Count Error	0.68			0.57			0.51			0.66		
Beta,Gross	0.916			0.366			0.916			1.57		
Beta,Gross, Count Error	0.6			0.6			0.5			0.6		
Radium 226	1	UJ	a	2			4			2		
Radium 226, Count Error	0.36			0.32			0.54			0.39		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.3			0.3			0.4			0.3		

Qualifiers:

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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	G-202 05/10/91 0.0 ft			G-203 05/10/91 0.0 ft			G-204 05/10/91 0.0 ft			G-205 05/10/91 0.0 ft			G-206 05/10/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	67.4			64.5			92.9			89			84.5		
Moisture (% Wet Wt)	32.6			35.5			7.1			11			15.5		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	9.2			8.3			3.6			3.9			6.6		
Alpha,Gross, Count Error	3.68			4.68			1.09			1.19			2		
Beta,Gross	8.78			9.38			2.33			3.08			5.5		
Beta,Gross, Count Error	1.5			1.7			0.7			0.8			0.9		
Radium 226	3			4			2			3			4		
Radium 226, Count Error	0.62			0.68			0.43			0.52			0.57		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.3			0.3			0.3			0.3			0.3		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo face Soil Samples - General Chemicals

Parameter Reported	F-208 05/09/91 0.0 ft			F-209 05/09/91 0.0 ft			F-210 05/09/91 0.0 ft			G-200 05/10/91 0.0 ft			G-201 05/10/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	89.8			97.4			94.5			98.1			82.1		
Moisture (% Wet Wt)	10.2			2.6			5.5			1.9			17.9		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	3.4			1.7			2.8			3.2			3.9		
Alpha,Gross, Count Error	1.12			0.61			0.8			0.91			1.71		
Beta,Gross	3.22			1.33			1.47			1.95			5.54		
Beta,Gross, Count Error	0.8			0.6			0.7			0.7			0.9		
Radium 226	5			3			3			3			3		
Radium 226, Count Error	0.75			0.64			0.56			0.46			0.62		
Radium 228	0.4	UJ	a	0.3	UJ	a	0.6	UJ	a	< 0.3			< 0.3		
Radium 228, Count Error	0.3			0.3			0.3			0.5			0.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	F-203 05/09/91 0.0 ft			F-204 05/09/91 0.0 ft			F-205 05/09/91 0.0 ft			F-206 05/09/91 0.0 ft			F-207 05/09/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	94.9			85.1			89.1			96.5			92.4		
Moisture (% Wet Wt)	5.1			14.9			10.9			3.5			7.6		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	2.2			4.5			6.4			1.9			1.9		
Alpha,Gross, Count Error	0.66			1.52			1.59			0.64			0.71		
Beta,Gross	1.26			3.38			3.4			0.881			2.24		
Beta,Gross, Count Error	0.7			0.9			0.8			0.7			0.7		
Radium 226	4			4			4			3			4		
Radium 226, Count Error	0.57			0.71			0.7			0.51			0.7		
Radium 228	< 0.3			< 0.3			0.5	UJ	a	< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.3			0.3			0.3			0.3		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	E-210 05/08/91 0.0 ft			F-200 05/09/91 0.0 ft			F-201 05/09/91 0.0 ft			F-202 05/09/91 0.0 ft			Duplicate F-202 05/09/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	97.7			89.4			74.5			82.4			82.8		
Moisture (% Wet Wt)	2.3			10.6			25.5			17.6			17.2		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.5			1	UJ	a	3.1			2.2			1.3		
Alpha,Gross, Count Error	0.6			0.56			0.94			0.7			0.57		
Beta,Gross	1.22			1.97			1.3			< 0.364			< 0.362		
Beta,Gross, Count Error	0.6			0.6			0.9			0.7			0.6		
Radium 226	4			3	UJ	a	3			3			3	UJ	a
Radium 226, Count Error	0.58			0.54			0.62			0.61			0.58		
Radium 228	< 0.3			0.4			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.3			0.3			0.4		

Qualifiers:

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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	Duplicate E-205 05/09/91 0.0 ft			E-206 05/09/91 0.0 ft			E-207 05/09/91 0.0 ft			E-208 05/09/91 0.0 ft			E-209 05/09/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	88.8			94.2			90.1			96.3			92.1		
Moisture (% Wet Wt)	11.2			5.8			9.9			3.7			7.9		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	3.3			3.5			4.3			2.3			2.9		
Alpha,Gross, Count Error	1.63			0.97			1.11			0.92			0.93		
Beta,Gross	6.88			2.98			4.59			2.47			2.88		
Beta,Gross, Count Error	1.1			0.7			0.9			0.8			0.8		
Radium 226	3	UJ	a	6			5			5			6		
Radium 226, Count Error	0.53			0.8			0.8			0.72			0.8		
Radium 228	< 0.3			1	UJ	a	0.5	UJ	a	0.8	UJ	a	< 0.3		
Radium 228, Count Error	0.5			0.3			0.3			0.3			0.3		

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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	E-201 05/28/91 0.0 ft			E-202 05/09/91 0.0 ft			E-203 05/09/91 0.0 ft			E-204 05/09/91 0.0 ft			E-205 05/09/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	NA			96.7			92.7			87.5			91.2		
Moisture (% Wet Wt)	7.6			3.3			7.3			12.5			8.8		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	NA			3			3.9			4.2			5.2		
Alpha,Gross, Count Error	NA			0.79			1.53			1.61			2.14		
Beta,Gross	NA			2.64			4.03			5.14			5.41		
Beta,Gross, Count Error	NA			0.8			0.9			0.9			0.9		
Radium 226	NA			3			2	UJ	a	3	UJ	a	5		
Radium 226, Count Error	NA			0.49			0.33			0.46			0.7		
Radium 228	NA			0.3			< 0.3			< 0.3			0.7	UJ	a
Radium 228, Count Error	NA			0.4			0.4			0.4			0.3		

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	D-208 05/08/91 0.0 ft			D-209 05/08/91 0.0 ft			D-210 05/08/91 0.0 ft			E-200 05/09/91 0.0 ft			E-201 05/09/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	94.7			91.7			98.4			92.8			93.8		
Moisture (% Wet Wt)	5.3			8.3			1.6			7.2			6.2		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.1			1			2.7			2.9			2		
Alpha,Gross, Count Error	0.42			0.55			0.71			0.88			0.71		
Beta,Gross	1.16			2.73			1.73			2.32			1.49		
Beta,Gross, Count Error	0.5			0.8			0.6			0.8			0.7		
Radium 226	3			2			3			2	UJ	a	2	UJ	a
Radium 226, Count Error	0.49			0.43			0.45			0.34			0.36		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4			0.4		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo face Soil Samples - General Chemicals

Parameter Reported	D-204 05/08/91 0.0 ft			D-205 05/08/91 0.0 ft			Duplicate D-205 05/08/91 0.0 ft			D-206 05/08/91 0.0 ft			D-207 05/08/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	92.9			96.9			96.4			95.4			93		
Moisture (% Wet Wt)	7.1			3.1			3.6			4.6			7		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	3			2.4			1.2			2.3			1.2		
Alpha,Gross, Count Error	1.08			0.72			0.61			0.84			0.65		
Beta,Gross	2.05			< 0.516			1.06			1.15			2.8		
Beta,Gross, Count Error	0.6			0.6			0.6			0.6			0.6		
Radium 226	3			3			1	UJ	a	3			4		
Radium 226, Count Error	0.5			0.49			0.34			0.46			0.65		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.5			0.4			0.4		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	C-210 05/07/91 0.0 ft			D-200 05/08/91 0.0 ft			D-201 05/08/91 0.0 ft			D-202 05/08/91 0.0 ft			D-203 05/08/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	98.3			97.1			94.7			99.1			95		
Moisture (% Wet Wt)	1.7			2.9			5.3			0.9			5		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	2.1			2.6			1.9			2.1			2.1		
Alpha,Gross, Count Error	0.61			1.13			0.63			0.81			0.84		
Beta,Gross	< 0.509			0.721			0.528			1.01			2.42		
Beta,Gross, Count Error	0.6			0.7			0.6			0.5			0.6		
Radium 226	2			4			4			3			3		
Radium 226, Count Error	0.43			0.54			0.6			0.41			0.46		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.5			0.5			0.4			0.4		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo face Soil Samples - General Chemicals

Parameter Reported	C-205 05/07/91 0.0 ft			C-206 05/07/91 0.0 ft			C-207 05/07/91 0.0 ft			C-208 05/07/91 0.0 ft			C-209 05/07/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	93.3			97.4			91.2			91.5			96.1		
Moisture (% Wet Wt)	6.7			2.6			8.8			8.5			3.9		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	2.4			1.6			3.7			5			1.6		
Alpha,Gross, Count Error	0.86			0.62			1.54			1.31			0.52		
Beta,Gross	1.07			2.16			4.39			1.2			< 0.520		
Beta,Gross, Count Error	0.9			0.6			0.9			0.8			0.5		
Radium 226	3	UJ	a	5			4			4			2		
Radium 226, Count Error	0.57			0.72			0.58			0.61			0.42		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.5			0.5			0.4			0.4			0.4		

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	C-201 05/07/91 0.0 ft			C-202 05/07/91 0.0 ft			C-203 05/07/91 0.0 ft			Duplicate C-203 05/07/91 0.0 ft			C-204 05/07/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	98.2			94.6			96.8			97.5			91.2		
Moisture (% Wet Wt)	1.8			5.4			3.2			2.5			8.8		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	5			1			4			3			2		
Alpha,Gross, Count Error	1.02			0.74			1.34			0.98			0.88		
Beta,Gross	2.75			2.85			3.72			2.8			2.85		
Beta,Gross, Count Error	0.8			0.6			0.8			0.8			0.7		
Radium 226	2	UJ	a	4			5			2			4		
Radium 226, Count Error	0.42			0.66			0.66			0.38			0.67		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4			0.4		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo ace Soil Samples - General Chemicals

Parameter Reported	B-208 05/07/91 0.0 ft			B-209 05/07/91 0.0 ft			Duplicate B-209 05/07/91 0.0 ft			B-210 05/07/91 0.0 ft			C-200 05/07/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	93.3			92.4			89.6			99.4			90		
Moisture (% Wet Wt)	6.7			7.6			10.4			0.6			10		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	10.9			2.2			3.1			1.2			4.1		
Alpha,Gross, Count Error	1.61			0.76			0.89			0.4			1.44		
Beta,Gross	3.64			< 0.541			3.24			0.503	J		5		
Beta,Gross, Count Error	0.9			0.6			0.8			0.5			1		
Radium 226	1	UJ	a	2			4			2			4		
Radium 226, Count Error	0.31			0.4			0.65			0.39			0.67		
Radium 228	< 0.3			< 0.3			0.3	UJ	a	< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.5			0.3			0.4			0.4		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	B-203 05/07/91 0.0 ft			B-204 05/07/91 0.0 ft			B-205 05/07/91 0.0 ft			B-206 05/07/91 0.0 ft			B-207 05/07/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	92.3			83.9			92.2			92.8			94.9		
Moisture (% Wet Wt)	7.7			16.1			7.8			7.2			5.1		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	3.1			5.6			2.5			7.3			2.6		
Alpha,Gross, Count Error	1.19			2.15			1.08			2.26			0.95		
Beta,Gross	2.93			6.08			2.17			2.69			1.48		
Beta,Gross, Count Error	0.9			1.1			0.8			0.9			0.7		
Radium 226	2			3			2			1	UJ	a	1	UJ	a
Radium 226, Count Error	0.42			0.52			0.38			0.3			0.31		
Radium 228	< 0.3			0.4			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.5			0.5			0.5			0.4			0.4		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	Duplicate A-208 05/07/91 0.0 ft			A-209 05/07/91 0.0 ft			A-210 05/07/91 0.0 ft			B-201 05/07/91 0.0 ft			B-202 05/07/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	95.2			87.8			92			92.9			88.1		
Moisture (% Wet Wt)	4.8			12.2			8			7.1			11.9		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.3			1.2			1.4			2.7			3.3		
Alpha,Gross, Count Error	0.53			0.47			0.51			0.86			1.02		
Beta,Gross	1.58			1.2			1.11			0.538			2.95		
Beta,Gross, Count Error	0.6			0.5			0.6			0.6			0.8		
Radium 226	1	UJ	a	1	UJ	a	2			2			2		
Radium 226, Count Error	0.3			0.34			0.46			0.47			0.39		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.3			0.4			0.5			0.5			0.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - General Chemicals

Parameter Reported	A-204 05/07/91 0.0 ft			A-205 05/07/91 0.0 ft			A-206 05/07/91 0.0 ft			A-207 05/07/91 0.0 ft			A-208 05/07/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	97.8			91.1			97			90.7			94.2		
Moisture (% Wet Wt)	2.2			8.9			3			9.3			5.8		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	2.5			1.9			1.4			1.8			2		
Alpha,Gross, Count Error	0.64			0.58			0.47			0.6			0.56		
Beta,Gross	1.11			2.39			0.659			1.69			1.11		
Beta,Gross, Count Error	0.6			0.6			0.6			0.7			0.5		
Radium 226	3			2			1	UJ	a	2			2		
Radium 226, Count Error	0.46			0.41			0.31			0.4			0.39		
Radium 228	0.3			0.5			< 0.3			< 0.3			0.4		
Radium 228, Count Error	0.4			0.5			0.5			0.4			0.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo face Soil Samples - General Chemicals

Parameter Reported	A-201 05/06/91 0.0 ft			A-202 05/06/91 0.0 ft			Resample A-202 05/28/91 0.0 ft			A-203 05/06/91 0.0 ft			Resample A-203 05/28/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt	98.1			98.7			NA			82.9			NA		
Moisture (% Wet Wt)	1.9			1.3			0.6			17.1			1.2		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.9			3			NA			2.8			NA		
Alpha,Gross, Count Error	0.94			1.17			NA			0.94			NA		
Beta,Gross	0.479			3			NA			2.53			NA		
Beta,Gross, Count Error	1			1.4			NA			1.2			NA		
Radium 226	2	UJ	a	2	UJ	a	NA			1	UJ	a	NA		
Radium 226, Count Error	0.36			0.39			NA			0.32			NA		
Radium 228	0.8			0.4			NA			0.4			NA		
Radium 228, Count Error	0.4			0.4			NA			0.4			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples from Late Pleistocene and Holocene Alluvial/Eolian Deposits - General Chemicals

Parameter Reported	M-013C-070 05/24/91 70.0 ft			M-020B-058 05/20/91 57.0 ft			M-021C-092 05/16/91 92.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab									
% Solids (% Of Wet Wt)	81.4			82.7			65.5		
Moisture (% Wet Wt)	18.6			17.3			34.5		
pH (Std.Units)	8.2			8.8			8.3		
Total Organic Carbon (% Dry Wt)									
Carbon,TOC,As %Om/1.724	< 0.290			0.464			< 0.290		
Organic Content,Total At 440 C	< 0.5			0.8			< 0.5		
Asbestos (%)									
Asbestos,Total	NFAD			NFAD			NFAD		
Radiochemicals (Pci/G-Dry)									
Alpha,Gross	1			1			5.3		
Alpha,Gross, Count Error	0.49			0.52			2.09		
Beta,Gross	< 0.369			< 0.605			43.5		
Beta,Gross, Count Error	0.6			0.6			3.1		
Radium 226	5			2			5		
Radium 226, Count Error	0.74			0.37			0.81		
Radium 228	< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.5			0.4			0.5		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
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g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Samples in Fill - General Chemicals

Parameter Reported	M-023E-025 05/08/91 20.0 ft			M-024A-000 05/03/91 0.0 ft			M-024A-003 05/03/91 1.0 ft			M-024E-010 05/06/91 10.0 ft			M-024E-019 05/06/91 17.2 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt)	81.9			96.2			92.3			81.1			82.2		
Moisture (% Wet Wt)	18.1			3.8			7.7			18.9			17.8		
pH (Std.Units)	9			NA			8.1			8.5			9.2		
Total Organic Carbon (% Dry Wt)															
Carbon,TOC,As %Om/1.724	< 0.290			NA			< 0.290			NA			0.522		
Organic Content,Total At 440 C	< 0.5			NA			< 0.5			NA			0.9		
Asbestos (%)															
Asbestos,Total	NFAD			NA			NFAD			NA			NFAD		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	3			1.7			1.8			NA			5.2		
Alpha,Gross, Count Error	1.04			1.08			0.96			NA			1.68		
Beta,Gross	3.02			2.15			0.791			NA			1.48		
Beta,Gross, Count Error	0.7			1.3			1.3			NA			0.8		
Radium 226	4			0.3			0.9	UJ	a	NA			6		
Radium 226, Count Error	0.71			0.14			0.26			NA			0.75		
Radium 228	< 0.3			< 0.3			< 0.3			NA			< 0.3		
Radium 228, Count Error	0.5			0.5			0.4			NA			0.4		

Qualifiers:

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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	Duplicate M-022A-005 05/10/91 2.0 ft			M-022B-000 05/03/91 0.0 ft			M-022E-035 05/09/91 32.0 ft			M-023A-000 05/03/91 0.0 ft			M-023A-004 05/07/91 3.5 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt)	85.1			89.9			87.1			95.1			90.3		
Moisture (% Wet Wt)	14.9			10.1			12.9			4.9			9.7		
pH (Std.Units)	8.7			NA			8.7			NA			8.6		
Total Organic Carbon (% Dry Wt)															
Carbon,TOC,As %Om/1.724	0.812			NA			< 0.290			NA			< 0.290		
Organic Content,Total At 440 C	1.4			NA			< 0.5			NA			< 0.5		
Asbestos (%)															
Asbestos,Total	NFAD			NA			NFAD			NA			NFAD		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	2.2			1.5			4			1.1			2.3		
Alpha,Gross, Count Error	0.82			0.87			1.03			1.1			0.82		
Beta,Gross	2			2.86			2.64			3.38			< 0.332		
Beta,Gross, Count Error	0.7			1			0.9			1.7			0.6		
Radium 226	4			< 0.1			3	UJ	a	0.2			3		
Radium 226, Count Error	0.63			0.12			0.57			0.12			0.48		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.5			0.4		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Samples in Fill - General Chemicals

Parameter Reported	M-021A-005 05/15/91 3.0 ft			M-021C-000 05/03/91 0.0 ft			M-021C-092 05/16/91 92.0 ft			M-021E-034 05/14/91 34.0 ft			M-022A-005 05/10/91 2.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt)	90.8			94.7			65.5			80.9			83.7		
Moisture (% Wet Wt)	9.2			5.3			34.5			19.1			16.3		
pH (Std.Units)	9.2			NA			8.3			9.5			8.4		
Total Organic Carbon (% Dry Wt)															
Carbon,TOC,As %Om/1.724	< 0.058			NA			< 0.290			0.406			0.29		
Organic Content,Total At 440 C	< 0.1			NA			< 0.5			0.7			0.5		
Asbestos (%)															
Asbestos,Total	NFAD			NA			NFAD			NFAD			2		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	0.9			3.5			5.3			1.5			2.5		
Alpha,Gross, Count Error	0.51			1.05			2.09			0.53			1.19		
Beta,Gross	0.628			< 0.317			43.5			< 0.618			3.23		
Beta,Gross, Count Error	0.7			1.6			3.1			0.7			1		
Radium 226	1	UJ	a	0.2			5			2			3	UJ	a
Radium 226, Count Error	0.32			0.13			0.81			0.41			0.57		
Radium 228	< 0.3			0.6			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.6			0.5			0.5			0.5			0.4		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	M-019E-034 05/20/91 34.0 ft			M-020A-004 05/16/91 3.0 ft			M-020B-000 05/03/91 0.0 ft			M-020B-058 05/20/91 57.0 ft			M-020E-033 05/16/91 32.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt)	83.6			95.6			97.1			82.7			81.7		
Moisture (% Wet Wt)	16.4			4.4			2.9			17.3			18.3		
pH (Std.Units)	9.2			9.7			NA			8.8			8.7		
Total Organic Carbon (% Dry Wt)															
Carbon,TOC,As %Om/1.724	0.058			< 0.290			NA			0.464			< 0.290		
Organic Content,Total At 440 C	0.1			< 0.5			NA			0.8			< 0.5		
Asbestos (%)															
Asbestos,Total	NFAD			NFAD			NA			NFAD			NFAD		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1			2			4.3			1			2.1		
Alpha,Gross, Count Error	0.54			0.64			1.2			0.52			0.69		
Beta,Gross	0.61			< 0.314			3.53			< 0.605			< 0.367		
Beta,Gross, Count Error	0.6			0.7			1.1			0.6			0.7		
Radium 226	2			3			0.2			2			3		
Radium 226, Count Error	0.51			0.49			0.17			0.37			0.58		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.5			0.4			0.5		

Qualifiers:

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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
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Table 2 - Site 2 - Analytical Results for Samples in Fill - General Chemicals

Parameter Reported	M-018A-006 05/22/91 3.0 ft			M-018E-046 05/21/91 45.0 ft			Duplicate M-018E-046 05/21/91 45.0 ft			M-019A-000 05/03/91 0.0 ft			M-019E-004 05/20/91 4.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt)	96.5			82.2			85.8			96.8			95.1		
Moisture (% Wet Wt)	3.5			17.8			14.2			3.2			4.9		
pH (Std.Units)	8			8.3			8.3			NA			9.3		
Total Organic Carbon (% Dry Wt)															
Carbon,TOC,As %Om/1.724	0.058			< 0.058			1.04			NA			0.348		
Organic Content,Total At 440 C	0.1			< 0.1			1.8			NA			0.6		
Asbestos (%)															
Asbestos,Total	NFAD			NFAD			NFAD			NA			NFAD		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.3			2.4			1.5			1.5			2.2		
Alpha,Gross, Count Error	0.53			1			0.71			0.82			0.66		
Beta,Gross	< 0.518			< 0.608			0.991			1.91			1.86		
Beta,Gross, Count Error	0.7			1.4			0.6			1			0.8		
Radium 226	3			3			2			< 0.1			2		
Radium 226, Count Error	0.46			0.55			0.42			0.11			0.42		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4			0.4		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	M-016A-004 05/22/91 4.0 ft			M-016A-004 08/09/91 4.0 ft			M-017A-000 05/16/91 0.0 ft			M-017A-005 05/22/91 5.0 ft			M-018A-000 05/03/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt)	96.3			BK			94			95.7			96.7		
Moisture (% Wet Wt)	3.7			3.8			6			4.3			3.3		
pH (Std.Units)	8			NA			NA			9			NA		
Total Organic Carbon (% Dry Wt)															
Carbon,TOC,As %Om/1.724	0.116			NA			NA			0.116			NA		
Organic Content,Total At 440 C	0.2			NA			NA			0.2			NA		
Asbestos (%)															
Asbestos,Total	NFAD			NA			NA			NFAD			NA		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.2			NA			2.1			1.5			1.4		
Alpha,Gross, Count Error	0.51			NA			0.78			0.56			0.8		
Beta,Gross	< 0.519			NA			2.84			0.94			2.74		
Beta,Gross, Count Error	0.6			NA			0.8			0.6			1.2		
Radium 226	4			NA			4			4			0.2		
Radium 226, Count Error	0.51			NA			0.76			0.53			0.16		
Radium 228	< 0.3			NA			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			NA			0.5			0.4			0.4		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Samples in Fill - General Chemicals

Parameter Reported	M-013C-000 05/16/91 0.0 ft			M-014B-000 12/1/90 0.5 ft			M-015A-000 05/16/91 0.0 ft			M-015A-005 05/28/91 2.0 ft			M-016A-000 05/16/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt)	98.3			99.1			96.8			94			93.8		
Moisture (% Wet Wt)	1.7			NA			3.2			6			6.2		
pH (Std.Units)	NA			6.3			NA			8.3			NA		
Total Organic Carbon (% Dry Wt)															
Carbon,TOC,As %Om/1.724	NA			NA			NA			0.232			NA		
Organic Content,Total At 440 C	NA			NA			NA			0.4			NA		
Asbestos (%)															
Asbestos,Total	NA			NA			NA			NFAD			NA		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	1.1			1.5			1.4			0.6			3.2		
Alpha,Gross, Count Error	0.54			0.8			0.61			0.43			0.9		
Beta,Gross	< 0.305			1			0.713			0.638			2.96		
Beta,Gross, Count Error	0.7			0.5			0.6			0.5			0.7		
Radium 226	4			0.67			3			4			3		
Radium 226, Count Error	0.62			0.21			0.61			0.55			0.59		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0			0.5			0.5			0.5		

Qualifiers:

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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	M-010B-000 11/28/90 0.5 ft			M-011A-000 05/16/91 0.0 ft			M-011A-004 05/28/91 2.0 ft			M-012B-000 12/1/90 0.5 ft			M-013A-003 05/28/91 1.5 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt)	95.6			98.2			89.7			98.4			90.8		
Moisture (% Wet Wt)	NA			1.8			10.3			NA			9.2		
pH (Std.Units)	7.3			NA			8.7			7.4			7.6		
Total Organic Carbon (% Dry Wt)															
Carbon,TOC,As %Om/1.724	NA			NA			0.29			NA			0.232		
Organic Content,Total At 440 C	NA			NA			0.5			NA			0.4		
Asbestos (%)															
Asbestos,Total	NA			NA			NFAD			NA			NFAD		
Radiochemicals (Pci/G-Dry)															
Alpha,Gross	< 0.5			3.9			2.5			< 0.6			2.2		
Alpha,Gross, Count Error	0			0.84			0.67			0			0.55		
Beta,Gross	57.2			0.764			5.57			1.7			0.661		
Beta,Gross, Count Error	2.9			0.7			0.9			1.1			0.7		
Radium 226	0.6			3			4			0.79			3		
Radium 226, Count Error	0.2			0.55			0.62			0.28			0.52		
Radium 228	< 0.2			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0			0.5			0.5			0			0.5		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Sediment Samples - General Chemicals

Parameter Reported	Duplicate 310SD 05/30/91 0.0 ft			311SD 05/30/91 0.0 ft			312SD 05/30/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab									
% Solids (% Of Wet Wt)	50.4			77.2			52.3		
Moisture (% Wet Wt)	49.6			22.8			47.7		
Total Organic Carbon (% Dry Wt)									
Carbon,TOC,As %Om/1.724	4.29			0.232			1.39		
Organic Content,Total At 440 C	7.4			0.4			2.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Sediment Samples - General Chemicals

Parameter Reported	306SD 05/30/91 0.0 ft			307SD 05/30/91 0.0 ft			308SD 05/30/91 0.0 ft			309SD 05/30/91 0.0 ft			310SD 05/30/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt)	72.9			52.9			75.9			50			55.3		
Moisture (% Wet Wt)	27.1			47.1			24.1			50			44.7		
Total Organic Carbon (% Dry Wt)															
Carbon,TOC,As %Om/1.724	0.986			3.36			0.812			2.96			3.02		
Organic Content,Total At 440 C	1.7			5.8			1.4			5.1			5.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Sediment Samples - General Chemicals

Parameter Reported	301SD 05/31/91 0.0 ft			302SD 05/31/91 0.0 ft			303SD 05/31/91 0.0 ft			304SD 05/31/91 0.0 ft			305SD 05/31/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab															
% Solids (% Of Wet Wt)	81.2			59.3			65			52.7			53.3		
Moisture (% Wet Wt)	18.8			40.7			35			47.3			46.7		
Total Organic Carbon (% Dry Wt)															
Carbon,TOC,As %Om/1.724	0.58			1.74			1.97			2.49			2.44		
Organic Content,Total At 440 C	1			3			3.4			4.3			4.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Soil Samples from Late Pleistocene and Holocene Alluvial/Eolian Deposits - General Chemicals

Parameter Reported	M-027C-090 05/31/91 88.0 ft		
	Results	Val	Com
Physical Parameters-Lab			
% Solids (% Of Wet Wt	78		
Moisture (% Wet Wt)	22		
pH (Std.Units)	8.7		
Total Organic Carbon (% Dry Wt)			
Carbon,TOC,As %Om/1.724	0.812		
Organic Content,Total At 440 C	1.4		
Asbestos (%)			
Asbestos,Total	NFAD		
Radiochemicals (Pci/G-Dry)			
Alpha,Gross	3.2		
Alpha,Gross, Count Error	1.03		
Beta,Gross	1.15		
Beta,Gross, Count Error	0.9		
Radium 226	7		
Radium 226, Count Error	0.76		
Radium 228	< 0.3		
Radium 228, Count Error	0.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Soil Samples from Late Pleistocene and Holocene Alluvial/Eolian Deposits - General Chemicals

Parameter Reported	M-001B-057 05/10/91 57.0 ft			M-007C-078 06/03/91 78.0 ft			Duplicate M-007C-078 06/03/91 78.0 ft			M-025C-080 05/22/91 80.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	82.6			79.8			83.4			85.4		
Moisture (% Wet Wt)	17.4			20.2			16.6			14.6		
pH (Std.Units)	6.2			7.3			8.3			8		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	< 0.290			0.406			0.464			0.116		
Organic Content,Total At 440 C	< 0.5			0.7			0.8			0.2		
Asbestos (%)												
Asbestos,Total	NFAD			NFAD			NFAD			NFAD		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	1			1.6			2.3			5.7		
Alpha,Gross, Count Error	0.73			0.63			0.72			1.41		
Beta,Gross	< 0.605			0.501			1.44			4.92		
Beta,Gross, Count Error	1.2			0.6			0.7			0.9		
Radium 226	2	UJ	a	4			3			3		
Radium 226, Count Error	0.52			0.63			0.6			0.54		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4		

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R = Qualified, not usable
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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
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h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	M-028E-006 05/01/91 3.0 ft			M-029A-000 04/24/91 0.0 ft			M-029A-004 04/29/91 4.0 ft			M-029E-002 04/29/91 2.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	76.7			91.8			91.2			93.2		
Moisture (% Wet Wt)	23.3			8.2			8.8			6.8		
pH (Std.Units)	7.1			NA			7.5			7.9		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	1.28			NA			0.754			< 0.290		
Organic Content,Total At 440 C	2.2			NA			1.3			< 0.5		
Asbestos (%)												
Asbestos,Total	6			NA			TACE			NFAD		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	2.3			1.2			1.5			1.9		
Alpha,Gross, Count Error	3.65			0.88			1.55			0.7		
Beta,Gross	4.58			2.43			1.13			1.59		
Beta,Gross, Count Error	5.7			1.1			2.2			0.7		
Radium 226	9			0.2			1	UJ	a	< 0.1		
Radium 226, Count Error	0.79			0.14			0.34			0.11		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.5			0.4			0.4		

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a = method blank
b = surrogate spike
c = matrix spike
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Table 2 - Site 1 - Analytical Results for Samples in Fill - General Chemicals

Parameter Reported	M-027C-090 05/31/91 88.0 ft			M-027E-019 05/13/91 16.5 ft			M-028A-000 04/25/91 0.0 ft			M-028A-007 04/30/91 2.5 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	78			78.6			98.7			84.8		
Moisture (% Wet Wt)	22			21.4			1.3			15.2		
pH (Std.Units)	8.7			9.4			NA			8.4		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	0.812			0.348			NA			1.16		
Organic Content,Total At 440 C	1.4			0.6			NA			2		
Asbestos (%)												
Asbestos,Total	NFAD			NFAD			NA			NFAD		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	3.2			1.9			1			6.8		
Alpha,Gross, Count Error	1.03			0.66			0.52			2.7		
Beta,Gross	1.15			< 0.636			0.314			3.16		
Beta,Gross, Count Error	0.9			0.8			0.6			3		
Radium 226	7			0.9	UJ	a	0.2			< 0.1		
Radium 226, Count Error	0.76			0.33			0.16			0.16		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.5			0.4			0.5		

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b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
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Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	Duplicate M-026E-020 05/02/91 15.0 ft			M-027A-003 05/13/91 0.5 ft			M-027B-005 04/29/91 5.5 ft			M-027C-000 04/25/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	80			93			82.5			94.7		
Moisture (% Wet Wt)	20			7			17.5			5.3		
pH (Std.Units)	8.7			8.3			6.9			NA		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	0.87			0.522			0.522			NA		
Organic Content,Total At 440 C	1.5			0.9			0.9			NA		
Asbestos (%)												
Asbestos,Total	NFAD			NFAD			NFAD			NA		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	4.5			2.6			1.6			1.8		
Alpha,Gross, Count Error	0.94			0.82			0.78			0.87		
Beta,Gross	3.9			0.774			1.79			1.13		
Beta,Gross, Count Error	0.9			0.7			0.7			1		
Radium 226	1	UJ	a	2			2	UJ	a	0.2		
Radium 226, Count Error	0.33			0.39			0.37			0.14		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.6			0.4			0.5		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Samples in Fill - General Chemicals

Parameter Reported	M-025E-022 05/24/91 22.0 ft			M-026A-000 04/25/91 0.0 ft			M-026A-004 05/02/91 2.0 ft			M-026E-020 05/02/91 15.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	80.8			95			89.9			83		
Moisture (% Wet Wt)	19.2			5			10.1			17		
pH (Std.Units)	9.5			NA			9.3			8.8		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	0.696			NA			0.696			0.638		
Organic Content,Total At 440 C	1.2			NA			1.2			1.1		
Asbestos (%)												
Asbestos,Total	NFAD			NA			NFAD			NFAD		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	1.9			0.9			3.3			0.8		
Alpha,Gross, Count Error	0.62			0.61			0.89			0.41		
Beta,Gross	< 0.371			0.989			0.867			0.542		
Beta,Gross, Count Error	0.6			0.9			0.8			0.7		
Radium 226	3			< 0.1			1	UJ	a	1	UJ	a
Radium 226, Count Error	0.53			0.13			0.33			0.28		
Radium 228	1			< 0.3			0.3			< 0.3		
Radium 228, Count Error	0.6			0.5			0.4			0.4		

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	M-009A-000 05/16/91 0.0 ft			M-009A-003 05/30/91 2.0 ft			M-025A-004 05/24/91 4.0 ft			M-025C-000 04/25/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	93.9			88.2			92.5			91.8		
Moisture (% Wet Wt)	6.1			11.8			7.5			8.2		
pH (Std.Units)	NA			9.2			9.4			NA		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	NA			0.522			0.348			NA		
Organic Content,Total At 440 C	NA			0.9			0.6			NA		
Asbestos (%)												
Asbestos,Total	NA			NFAD			NFAD			NA		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	0.6			1.5			2.1			1.4		
Alpha,Gross, Count Error	0.51			0.57			0.65			0.72		
Beta,Gross	1.51			< 0.340			0.432			1.86		
Beta,Gross, Count Error	0.6			0.6			0.5			0.8		
Radium 226	2	UJ	a	3			3			0.2		
Radium 226, Count Error	0.45			0.54			0.52			0.16		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.5			0.4			0.5			0.5		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	M-007A-000 05/17/91 0.0 ft			M-007A-004 05/29/91 1.0 ft			M-008A-000 05/17/91 0.0 ft			M-008A-004 05/29/91 0.5 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	95.5			85.6			96.8			84.2		
Moisture (% Wet Wt)	4.5			14.4			3.2			15.8		
pH (Std.Units)	NA			9.1			NA			7.6		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	NA			0.348			NA			0.29		
Organic Content,Total At 440 C	NA			0.6			NA			0.5		
Asbestos (%)												
Asbestos,Total	NA			NFAD			NA			NFAD		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	1.3			0.7			3.1			0.8		
Alpha,Gross, Count Error	0.6			0.47			0.75			0.36		
Beta,Gross	< 0.314			< 0.350			2.74			< 0.356		
Beta,Gross, Count Error	0.8			0.5			0.9			0.6		
Radium 226	4			2			2	UJ	a	3		
Radium 226, Count Error	0.61			0.42			0.49			0.46		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.5			0.4			0.5			0.4		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	Duplicate M-005A-000 05/17/91 0.0 ft			M-005A-003 05/29/91 0.5 ft			M-006A-000 05/17/91 0.0 ft			M-006A-005 05/29/91 2.5 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	98.8			96.9			97.5			89.7		
Moisture (% Wet Wt)	1.2			3.1			2.5			10.3		
pH (Std.Units)	NA			9			NA			8.5		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	NA			0.696			NA			0.522		
Organic Content,Total At 440 C	NA			1.2			NA			0.9		
Asbestos (%)												
Asbestos,Total	NA			NFAD			NA			NFAD		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	3.1			1.4			4.6			1.2		
Alpha,Gross, Count Error	0.91			0.72			1.14			0.56		
Beta,Gross	2.84			0.413			3.12			2.56		
Beta,Gross, Count Error	0.8			0.5			0.8			0.8		
Radium 226	1	UJ	a	2			2	UJ	a	2		
Radium 226, Count Error	0.29			0.36			0.35			0.43		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.5			0.4		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Samples in Fill - General Chemicals

Parameter Reported	M-003A-005 05/23/91 5.0 ft			M-004A-000 05/17/91 0.0 ft			M-004A-004 05/28/91 2.0 ft			M-005A-000 05/17/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	85.3			97.5			75.5			98.7		
Moisture (% Wet Wt)	14.7			2.5			24.5			1.3		
pH (Std.Units)	9			NA			9.2			NA		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	0.116			NA			1.1			NA		
Organic Content,Total At 440 C	0.2			NA			1.9			NA		
Asbestos (%)												
Asbestos,Total	NFAD			NA			NFAD			NA		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	2.8			2.8			3.6			2.8		
Alpha,Gross, Count Error	0.79			0.97			1.72			0.81		
Beta,Gross	0.739			2.74			1.19			3.41		
Beta,Gross, Count Error	0.8			0.7			0.9			0.8		
Radium 226	5			3			4			3		
Radium 226, Count Error	0.68			0.5			0.62			0.5		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.5			0.4			0.5		

Qualifiers:

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	Duplicate M-002A-000 05/16/91 0.0 ft			M-002A-006 05/23/91 6.0 ft			M-002E-022 05/23/91 22.0 ft			M-003A-000 05/17/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	97.9			94.9			67.5			98.8		
Moisture (% Wet Wt)	2.1			5.1			32.5			1.2		
pH (Std.Units)	NA			9.1			8.5			NA		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	NA			< 0.058			0.116			NA		
Organic Content,Total At 440 C	NA			< 0.1			0.2			NA		
Asbestos (%)												
Asbestos,Total	NA			NFAD			NFAD			NA		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	4.3			0.5			7			4		
Alpha,Gross, Count Error	1.36			0.47			1.94			1.12		
Beta,Gross	5.12			2.24			1.67			2.74		
Beta,Gross, Count Error	0.8			0.7			1.1			0.7		
Radium 226	3			8			9			4		
Radium 226, Count Error	0.57			0.79			0.95			0.54		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for . Samples in Fill - General Chemicals

Parameter Reported	M-001A-013 04/24/91 13.0 ft			M-001B-000 04/24/91 0.0 ft			M-001E-005 04/26/91 5.0 ft			M-002A-000 05/16/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt	73.9			94.6			80.9			97.9		
Moisture (% Wet Wt)	26.1			5.4			19.1			2.1		
pH (Std.Units)	7			NA			6.9			NA		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	0.383			NA			3.36			NA		
Organic Content,Total At 440 C	0.7			NA			5.8			NA		
Asbestos (%)												
Asbestos,Total	NFAD			NA			6			NA		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	1.7			2.9			4.7			5.5		
Alpha,Gross, Count Error	1.53			0.9			1.69			1.18		
Beta,Gross	< 0.406			1.2			3			3.75		
Beta,Gross, Count Error	2.8			0.9			1.9			0.8		
Radium 226	< 0.1			0.1			0.1			4		
Radium 226, Count Error	0.15			0.14			0.14			0.57		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results for Soil Samples from Late Pleistocene and Holocene Alluvial/Eolian Deposits- General Chemicals

Parameter Reported	M-104C-062 05/29/91 62.0 ft		
	Results	Val	Com
Physical Parameters-Lab			
% Solids (% Of Wet Wt)	81.4		
Moisture (% Wet Wt)	18.6		
pH, (Std.Units)	8.9		
Total Organic Carbon (% Dry Wt)			
Carbon,TOC,As %Om/1.724	0.348		
Organic Content,Total At 440 C	0.6		
Asbestos (%)			
Asbestos,Total	NFAD		
Radiochemicals (Pci/G-Dry)			
Alpha,Gross	1.2		
Alpha,Gross, Count Error	0.49		
Beta,Gross	0.369		
Beta,Gross,Count Error	0.6		
Radium 226	3		
Radium 226, Count Error	0.52		
Radium 228	< 0.3		
Radium 228, Count Error	0.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results - Soil Samples in Fill - General Chemicals

Parameter Reported	M-109A-007 05/30/91 5.5 ft			M-110A-003 05/30/91 1.5 ft			M-111A-000 05/31/91 0.5 ft			M-111A-003 05/31/91 2.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt)	95.3			91			94.4			92.9		
Moisture (% Wet Wt)	4.7			9			5.6			7.1		
pH (Std.Units)	9.7			9			NA			8.5		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	0.174			0.174			NA			0.116		
Organic Content,Total At 440 C	0.3			0.3			NA			0.2		
Asbestos (%)												
Asbestos,Total	NFAD			NFAD			NA			NFAD		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	0.4			1.2			1.4			1.7		
Alpha,Gross, Count Error	0.31			0.66			0.42			0.54		
Beta,Gross	< 0.315			3.52			0.424			< 0.323		
Beta,Gross,Count Error	0.5			0.8			0.5			0.5		
Radium 226	2			2			1	UJ	a	2		
Radium 226, Count Error	0.38			0.37			0.36			0.39		
Radium 228	< 0.3			< 0.3			0.4	UJ	a	< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	M-108A-000 06/03/91 0.5 ft			M-108B-000 06/03/91 0.5 ft			M-37 (DUP) 06/03/91 0.5 ft			M-109A-000 05/16/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt)	82.3			97.1			97			94.7		
Moisture (% Wet Wt)	NA			NA			NA			5.3		
pH (Std.Units)	8.6			7.2			7.9			NA		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	333			NA			NA			NA		
Organic Content,Total At 440 C	NA			NA			NA			NA		
Asbestos (%)												
Asbestos,Total	ND			NA			NA			NA		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	< 0.6			1.1			1.6			0.5		
Alpha,Gross, Count Error	0			0.8			0.9			0.75		
Beta,Gross	2			4.5			5			1.67		
Beta,Gross,Count Error	1			1.2			1.2			0.7		
Radium 226	0.64			0.4			0.4			5		
Radium 226, Count Error	0.14			0.1			0.1			0.72		
Radium 228	< 0.3			< 0.2			< 0.2			< 0.3		
Radium 228, Count Error	0			0			0			0.4		

Qualifiers:

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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results - Soil Samples in Fill - General Chemicals

Parameter Reported	M-106A-000 05/16/91 0.0 ft			M-106A-003 06/03/91 2.0 ft			M-107A-000 05/16/91 0.0 ft			M-107A-002 06/03/91 0.5 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt)	99.8			82.6			98.6			96.9		
Moisture (% Wet Wt)	< 0.5			17.4			1.4			3.1		
pH (Std.Units)	NA			8.3			NA			8.2		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	NA			0.116			NA			0.174		
Organic Content,Total At 440 C	NA			0.2			NA			0.3		
Asbestos (%)												
Asbestos,Total	NA			NFAD			NA			NFAD		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	1.9			1.1			3.5			2.5		
Alpha,Gross, Count Error	0.6			0.48			0.77			0.62		
Beta,Gross	< 0.302			< 0.363			2.8			0.516		
Beta,Gross,Count Error	0.7			0.6			0.9			0.6		
Radium 226	6			2			2			2		
Radium 226, Count Error	0.85			0.4			0.5			0.43		
Radium 228	0.5	UJ	a	< 0.3			< 0.3			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.5		

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g = post-digestion spike recovery
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Table 2 - Runway Area - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	M-104C-000 05/16/91 0.0 ft			Duplicate M-104C-000 05/16/91 0.0 ft			M-105A-000 12/10/90 5.5 ft			M-105B-000 11/28/90 0.5 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt)	97.3			98			82.4			97.5		
Moisture (% Wet Wt)	2.7			2			NA			NA		
pH (Std.Units)	NA			NA			8.8			7.1		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	NA			NA			302			NA		
Organic Content,Total At 440 C	NA			NA			NA			NA		
Asbestos (%)												
Asbestos,Total	NA			NA			ND			NA		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	1.7			2.6			1.1			< 0.5		
Alpha,Gross, Count Error	0.53			0.69			0.7			0		
Beta,Gross	0.37			1.7			2.5			3.4		
Beta,Gross,Count Error	0.6			0.7			1.1			1.1		
Radium 226	4			5			0.53			0.6		
Radium 226, Count Error	0.64			0.72			0.25			0.2		
Radium 228	< 0.3			< 0.3			< 0.3			0.6		
Radium 228, Count Error	0.5			0.5			0			0.3		

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Resul[illegible] Soil Samples in Fill - General Chemicals

Parameter Reported	M-103A-000 12/12/90 5.5 ft			M-103B-000 11/28/90 0.5 ft			M-104A-002 05/30/91 0.5 ft			Duplicate M-104A-002 05/30/91 0.5 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt)	82.9			98.4			89.4			86.7		
Moisture (% Wet Wt)	NA			NA			10.6			13.3		
pH (Std.Units)	7.5			6			8			8.3		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	222			NA			0.696			0.232		
Organic Content,Total At 440 C	NA			NA			1.2			0.4		
Asbestos (%)												
Asbestos,Total	ND			NA			NFAD			NFAD		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	0.5			1			1.1			2.4		
Alpha,Gross, Count Error	0.3			0.7			0.56			0.58		
Beta,Gross	1.6			3.8			< 0.336			0.346		
Beta,Gross,Count Error	1			1.2			0.6			0.6		
Radium 226	0.31			0.5			3			2		
Radium 226, Count Error	0.1			0.1			0.46			0.43		
Radium 228	< 0.3			0.6			0.4	UJ	a	< 0.3		
Radium 228, Count Error	0			0.2			0.4			0.4		

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R = Qualified, not usable
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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results for Soil Samples in Fill - General Chemicals

Parameter Reported	M-101A-000 05/30/91 0.0 ft			M-101A-004 06/03/91 2.0 ft			M-102A-000 05/30/91 0.0 ft			M-102A-004 06/03/91 2.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Physical Parameters-Lab												
% Solids (% Of Wet Wt)	99.2			87.1			99.8			83.7		
Moisture (% Wet Wt)	0.8			12.9			< 0.5			16.3		
pH (Std.Units)	NA			9.2			NA			8.4		
Total Organic Carbon (% Dry Wt)												
Carbon,TOC,As %Om/1.724	NA			0.522			NA			0.174		
Organic Content,Total At 440 C	NA			0.9			NA			0.3		
Asbestos (%)												
Asbestos,Total	NA			NFAD			NA			NFAD		
Radiochemicals (Pci/G-Dry)												
Alpha,Gross	1.3			4.9			1.8			1		
Alpha,Gross, Count Error	0.6			1.38			0.5			0.48		
Beta,Gross	1.01			< 0.344			3.62			0.597		
Beta,Gross,Count Error	0.6			1			0.6			0.6		
Radium 226	2			1	UJ	a	0.9	UJ	a	2		
Radium 226, Count Error	0.37			0.31			0.29			0.42		
Radium 228	< 0.3			< 0.3			0.4			< 0.3		
Radium 228, Count Error	0.4			0.4			0.4			0.4		

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Table 2 - Site 2 - Analytical Results for Wetland Surface Water Samples - Metals

Parameter Reported	319SW 05/29/91 0.0 ft			320SW 05/29/91 0.0 ft			321SW 05/29/91 0.0 ft			322SW 05/29/91 0.0 ft			323SW 05/31/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (µg/L)															
Aluminum	384	J	h	129	J	h	266	J	h	259	J	h	262		
Antimony	181	J	f,h	193	J	f,h	148	J	f,h	47.7	J	f,h	< 25.1		
Arsenic	4.7			4.1			14.8			12.9			7.5		
Barium	91.6	J	h	58.4	J	h	141	J	h	35.8	J	h	54.2		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	370000	J	h	336000	J	h	47700	J	h	35800	J	h	580000		
Chromium,Total	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h	7.8	J	h	< 5.7		
Cobalt	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h	17.8		
Copper	4.3	J	h	4.1	J	h	17.2	J	h	9.1	J	h	3.2		
Iron	380			134			451			889			732		
Lead	< 10.0			< 10.0			< 20.0			11.4			< 20.0		
Magnesium	1390000	J	f,h	1220000	J	f,h	2410000	J	f,h	368000	J	f,h	908000		
Manganese	251			264			151			69.5			13300		
Mercury	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c
Nickel	< 13.2	UJ	f,h	< 13.2	UJ	f,h	89	J	f,h	26.8	J	f,h	50.4		
Potassium	427000			402000			894000			174000			362000		
Selenium	< 21.0			< 21.0			< 42.0	UJ		< 10.5			< 10.5		
Silver	7.1	J	h	7.8	J	h	9.1	J	h	5.9	J	h	9		
Sodium	11000000			9870000			26500000			2900000			10100000	J	c
Thallium	< 13.5	UJ	g	< 13.5	UJ	g	< 27.0	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g
Vanadium	76	J	h	70	J	h	23	J	h	15.6	J	h	< 4.2		
Zinc	< 11.5			< 11.5			< 11.5			< 2.3			< 2.3		

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e = LCS
f = replicate
g = post-digestion spike recovery
h = serial dilution

Table 2 - Site 2 - Analytical Results fo[illegible]tland Surface Water Samples - Metals

Parameter Reported	314SW 05/28/91 0.0 ft			315SW 05/28/91 0.0 ft			316SW 05/28/91 0.0 ft			317SW 05/28/91 0.0 ft			318SW 05/28/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (µg/L)															
Aluminum	49.3	J	h	< 31.0	UJ	h	149	J	h	62.9	J	h	230	J	h
Antimony	177	J	f,h	210	J	f,h	138	J	f,h	< 126	UJ	f,h	169	J	f,h
Arsenic	5.7	J	g	5.4			14.5			3.3			6		
Barium	78.1	J	h	84.7	J	h	93.9	J	h	47	J	h	55.8	J	h
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	630000	J	h	678000	J	h	716000	J	h	275000	J	h	319000	J	h
Chromium,Total	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h
Cobalt	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h
Copper	4.1	J	h	7.5	J	h	4.8	J	h	< 2.1	UJ	h	< 2.1	UJ	h
Iron	< 6.2			< 6.2			93.1			60.3			238		
Lead	< 10.0			< 10.0			< 10.0			11			12.5		
Magnesium	1660000	J	f,h	1770000	J	f,h	1920000	J	f,h	957000	J	f,h	1070000	J	f,h
Manganese	167			44			103			147			196		
Mercury	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c
Nickel	13.6	J	f,h	16.2	J	f,h	22.1	J	f,h	< 13.2	UJ	f,h	< 13.2	UJ	f,h
Potassium	521000			578000			629000			320000			369000		
Selenium	< 21.0			< 21.0	UJ	g	< 21.0			< 10.5			< 10.5		
Silver	10.1	J	h	8.9	J	h	8.4	J	h	9.1	J	h	9.6	J	h
Sodium	13800000			14700000			17700000			8350000			9690000		
Thallium	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g
Vanadium	50.5	J	h	63	J	h	36.5	J	h	61	J	h	68	J	h
Zinc	< 11.5			< 11.5			< 11.5			< 11.5			< 11.5		

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g = post-digestion spike recovery
h = serial dilution

Table 2 - Site 2 - Analytical Results for Wetland Surface Water Samples - Metals

Parameter Reported	310SW 05/24/91 0.0 ft			311SW 05/24/91 0.0 ft			Duplicate 311SW 05/24/91 0.0 ft			312SW 05/24/91 0.0 ft			313SW 05/24/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (µg/L)															
Aluminum	< 31.0	UJ	h	< 31.0	UJ	h	35.1	J	h	< 31.0	UJ	h	< 31.0	UJ	h
Antimony	< 126	UJ	f,h	158	J	f,h	208	J	f,h	218	J	f,h	192	J	f,h
Arsenic	6.1	J	g	5.8	J	g	7.1		g	5.4	J	g	4.9	J	g
Barium	57.5	J	h	56.9	J	h	60.3	J	h	57.6	J	h	58.2	J	h
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	556000	J	h	551000	J	h	580000	J	h	555000	J	h	581000	J	h
Chromium,Total	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h
Cobalt	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h
Copper	5.4	J	h	4.8	J	h	5.5	J	h	6.9	J	h	5.8	J	h
Iron	< 6.2			< 6.2			< 6.2			< 6.2			< 6.2		
Lead	< 10.0			17.5			< 10.0			16.5			< 10.0		
Magnesium	1430000	J	f,h	1500000	J	f,h	1490000	J	f,h	1430000	J	f,h	1440000	J	f,h
Manganese	22.5			8			36			< 4.5			< 4.5		
Mercury	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c
Nickel	17.6	J	f,h	18	J	f,h	21.3	J	f,h	< 13.2	UJ	f,h	17.6	J	f,h
Potassium	456000			441000			470000			444000			465000		
Selenium	< 10.5	UJ	g	18.5	J	g	< 21.0	UJ	g	< 10.5	UJ	g	< 21.0		
Silver	8	J	h	9.4	J	h	7.5	J	h	9.1	J	h	10.2	J	h
Sodium	11500000			11700000			12300000			11500000			12100000		
Thallium	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g
Vanadium	47	J	h	71.5	J	h	63	J	h	64	J	h	73	J	h
Zinc	< 11.5			< 11.5			< 11.5			< 11.5			< 11.5		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = serial dilution

Table 2 - Site 2 - Analytical Results fo etland Surface Water Samples - Metals

Parameter Reported	305SW 05/23/91 0.0 ft			306SW 05/23/91 0.0 ft			307SW 05/23/91 0.0 ft			308SW 05/23/91 0.0 ft			309SW 05/24/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (µg/L)															
Aluminum	< 31.0	UJ	h	< 31.0	UJ	h	< 31.0	UJ	h	< 31.0	UJ	h	< 31.0	UJ	h
Antimony	173	J	f,h	204	J	f,h	150	J	f,h	190	J	f,h	142	J	f,h
Arsenic	7.2	J	g	5.6	J	g	5.6	J	g	5.9	J	g	5.7	J	g
Barium	62.3	J	h	59.7	J	h	60.5	J	h	65.7	J	h	62.5	J	h
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	564000	J	h	577000	J	h	566000	J	h	593000	J	h	570000	J	h
Chromium,Total	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h
Cobalt	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h
Copper	2.4	J	h	4.1	J	h	2.2	J	h	5.1	J	h	7.4	J	h
Iron	< 6.2			< 6.2			< 6.2			< 6.2			< 6.2		
Lead	< 10.0			< 10.0			11.5			18.5			< 10.0		
Magnesium	1520000	J	f,h	1470000	J	f,h	1500000	J	f,h	1580000	J	f,h	1540000	J	f,h
Manganese	206			< 4.5			< 4.5			< 4.5			< 4.5		
Mercury	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c
Nickel	< 13.2	UJ	f,h	16.2	J	f,h	18.4	J	f,h	15.1	J	f,h	18	J	f,h
Potassium	469000			480000			470000			506000			480000		
Selenium	< 10.5	UJ	g	< 10.5	UJ	g	< 10.5	UJ	g	30.5	J	g	10.5	J	g
Silver	8.7	J	h	8.8	J	h	7.7	J	h	5.5	J	h	6.2	J	h
Sodium	11900000			12900000			12900000			13200000			12500000		
Thallium	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g
Vanadium	63	J	h	72	J	h	56	J	h	51	J	h	50	J	h
Zinc	< 11.5			< 11.5			< 11.5			< 11.5			< 11.5		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = serial dilution

Table 2 - Site 2 - Analytical Results for Wetland Surface Water Samples - Metals

Parameter Reported	301SW 05/22/91 0.0 ft			302SW 05/22/91 0.0 ft			303SW 05/23/91 0.0 ft			Duplicate 303SW 05/23/91 0.0 ft			304SW 05/23/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (µg/L)															
Aluminum	< 31.0	UJ	h	< 31.0	UJ	h	< 31.0	UJ	h	< 31.0	UJ	h	< 31.0	UJ	h
Antimony	127	J	f,h	161	J	f,h	191	J	f,h	173	J	f,h	< 126	UJ	f,h
Arsenic	< 13.0			6	J	g	3.3	J	g	5.9	J	g	7.3	J	g
Barium	57.8	J	h	61.2	J	h	63	J	h	64	J	h	62.9	J	h
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	550000	J	h	572000	J	h	566000	J	h	569000	J	h	570000	J	h
Chromium,Total	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h	< 5.7	UJ	h
Cobalt	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h	< 6.1	UJ	h
Copper	4.2	J	h	2.6	J	h	< 2.1	UJ	h	< 2.1	UJ	h	2.5	J	h
Iron	< 6.2			< 6.2			< 6.2			< 6.2			< 6.2		
Lead	< 10.0			< 10.0			< 20.0			< 10.0			< 10.0		
Magnesium	1540000	J	f,h	1540000	J	f,h	1500000	J	f,h	1540000	J	f,h	1560000	J	f,h
Manganese	81			< 4.5			110			161			165		
Mercury	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c
Nickel	16.9	J	f,h	17.3	J	f,h	18.4	J	f,h	19.5	J	f,h	16.9	J	f,h
Potassium	438000			475000			475000			472000			477000		
Selenium	< 10.5	UJ	g	< 10.5	UJ	g	< 21.0			< 21.0	UJ	g	< 10.5	UJ	g
Silver	7	J	h	8.7	J	h	7.3	J	h	7.6	J	h	7.9	J	h
Sodium	12700000			12100000			12700000			12300000			12800000		
Thallium	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g
Vanadium	35.5	J	h	62.5	J	h	61	J	h	67.5	J	h	41.5	J	h
Zinc	< 11.5			< 11.5			< 11.5			< 11.5			< 11.5		

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = serial dilution

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	N-208			N-209			N-210		
Date Sampled	05/16/91			05/16/91			05/16/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)									
Aluminum	6880	J	c	6060	J	c	5370	J	c
Antimony	< 2.4			< 2.1			< 2.5		
Arsenic	2.25			1.91			2.15		
Barium	125			29.2			41.4		
Beryllium	0.626			0.558			0.622		
Cadmium	1.66			0.392			< 0.296		
Calcium	3250	J	c	8890	J	c	2700	J	c
Chromium	32.1			60.5			26		
Cobalt	6.74			6.4			5.33		
Copper	24.3			14.7			9.78		
Iron	11400	J	c	11400	J	c	9810	J	c
Lead	81.6			136			8.29		
Magnesium	4260			4220			2830		
Manganese	223	J	c	222	J	c	184	J	c
Mercury	0.079			0.05			0.154		
Nickel	34.1			28.2			24.8		
Potassium	993			1140			1070		
Selenium	< 0.210	UJ	g	< 0.190			< 0.194		
Silver	0.479			< 0.416			< 0.483		
Sodium	745			677			464		
Thallium	< 0.270			< 0.244			< 0.249		
Vanadium	26.7			24.8			21.1		
Zinc	77.9	J	c	44.1	J	c	32.9	J	c

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c = matrix spike
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e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	N-204			N-205			N-206			N-207			Duplicate N-207		
Date Sampled	05/15/91			05/16/91			05/16/91			05/16/91			05/16/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	7840	J	c	8260	J	c	5370	J	c	8020	J	c	7480	J	c
Antimony	< 2.3			< 2.6			< 2.5			< 2.4			< 2.5		
Arsenic	3.05			3.58			2.56			2.89			1.89		
Barium	57.5			41.2			25.7			34.7			30.2		
Beryllium	0.639			0.595			0.39			0.643			1.03		
Cadmium	1.38			1.49			0.316			0.863			0.908		
Calcium	4630	J	c	2930	J	c	2240	J	c	2550	J	c	2260	J	c
Chromium	35			40.9			30.4			38.5			39.2		
Cobalt	6.89			7.69			5.3			7.51			7.3		
Copper	13			15.7			12.2			16.2			16.2		
Iron	12900	J	c	14200	J	c	9660	J	c	13800	J	c	13200	J	c
Lead	12.1			20.6			10.5			14.5			15.8		
Magnesium	4360			4910			3380			4940			4840		
Manganese	191	J	c	206	J	c	138	J	c	221	J	c	205	J	c
Mercury	0.153			0.148			0.07			0.09			0.095		
Nickel	34.7			39			29.2			36.9			36.3		
Potassium	1110			1250			992			1450			1380		
Selenium	< 0.213			< 0.216	UJ	g	< 0.207			< 0.214			< 0.205	UJ	g
Silver	< 0.450			< 0.502			< 0.489			< 0.477			0.53		
Sodium	1010			1290			667			1020			1050		
Thallium	< 0.274			< 0.278			< 0.267			< 0.275			< 0.263		
Vanadium	28.3			29			21.2			28.5			27.5		
Zinc	39.1	J	c	49.9	J	c	35.3	J	c	46.7	J	c	43.7	J	c

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h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	N-200			N-201			Duplicate N-201			N-202			N-203		
Date Sampled	05/15/91			05/15/91			05/15/91			05/15/91			05/15/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	8740	J	c	8980	J	c	8240	J	c	12200	J	c	12600	J	c
Antimony	< 2.5			< 2.5			2.4			3			3.5		
Arsenic	3.48			5.21			4.3	J	g	6.56			12.8		
Barium	57.7			50.4			48.3			77.3			64	J	c
Beryllium	0.872			1.02			0.633			1.3			1.77		
Cadmium	36.4			9.5			9.95			1.16			3.27		
Calcium	3570	J	c	5120	J	c	5090	J	c	2370	J	c	3740	J	c
Chromium	49			44.1			40.2			38.5			55.7	J	c
Cobalt	9.16			9.68			8.93			9.62			10.3		
Copper	28.9			24			25.1			24.7			28.1	J	c
Iron	15300	J	c	16100	J	c	16100	J	c	23300	J	c	20100	J	c
Lead	50.6			43.6			42.2			33.4			41.3		
Magnesium	5280			5290			4910			5750			7280		
Manganese	264	J	c	300	J	c	300	J	c	442	J	c	341	J	c
Mercury	0.242			0.363			0.343			0.197			0.172		
Nickel	49.7			40.1			35.6			40.3			53.6		
Potassium	1340			1320			1230			1650			1870		
Selenium	< 0.218			< 0.206	UJ	c,g	< 0.184	UJ	g	< 0.214	UJ	g	< 0.211	UJ	c,g
Silver	0.588			0.587			0.59			< 0.501			0.681		
Sodium	659			988			984			2100			1430		
Thallium	< 0.280			< 0.265			< 0.236			< 0.275			< 0.272		
Vanadium	28.4			36			37.1			39.1			38.7		
Zinc	79.6	J	c	87	J	c	83.5	J	c	91.2	J	c	71.8	J	c

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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	M-207			Duplicate M-207			M-208			M-209			M-210		
Date Sampled	05/15/91			05/15/91			05/15/91			05/15/91			05/15/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	18200	J	c	4170	J	c	7800	J	c	18400	J	c	12400	J	c
Antimony	4.7			< 2.3			< 2.6			6.2			< 2.9		
Arsenic	33.6			1.45			10.6			16.8			21.7		
Barium	61.6			26			33.8			50.7	J		56.5		
Beryllium	3.78			0.191			1.86			2.39			2.45		
Cadmium	0.698			< 0.279			0.427			1.51			0.836		
Calcium	4720	J	c	1920	J	c	9560	J	c	4020	J	c	3280	J	c
Chromium	83.9			24.8			38.6			85.3	J		61.7		
Cobalt	13.8			4.4			7.6			11.8			11.7		
Copper	51.4			4.31			15.9			42.3	J		32.6		
Iron	33600	J	c	7170	J	c	13300	J	c	28000	J	c	22500	J	c
Lead	50			2.1			21.3			63.6			31.7		
Magnesium	12000			2560			4140			9180			7470		
Manganese	499	J	c	90.3	J	c	251	J	c	300	J	c	331	J	c
Mercury	0.68			< 0.054			0.187			0.566			0.293		
Nickel	77.2			23.7			34.3			68.1			61.2		
Potassium	3800			654			1210			2490			1960		
Selenium	< 0.338	UJ	g	< 0.231			< 0.222			< 0.243	UJ	c,g	< 0.235	UJ	c,g
Silver	1.25			< 0.456			< 0.508			1.34			0.691		
Sodium	10500			657			576			2000			540		
Thallium	< 0.435			< 0.297			< 0.285			< 0.313			< 0.302		
Vanadium	60.5			17.6			27.6			56			43.3		
Zinc	136	J	c	16.6	J	c	60.3	J	c	121			92.6	J	c

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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	M-202			M-203			M-204			M-205			M-206		
Date Sampled	05/15/91			05/15/91			05/15/91			05/15/91			05/15/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	4900	J	c	6780	J	c	5360	J	c	4100	J	c	3850	J	c
Antimony	< 2.6			< 2.5			< 2.9			< 2.7			< 2.7		
Arsenic	3.14			11.6			2.95			2.38			1.79		
Barium	26.9			33.3			21.5	J	c	31.8			25.7		
Beryllium	0.884			1.64			0.653			0.605			0.911		
Cadmium	0.757			0.505			< 0.347			< 0.326			< 0.326		
Calcium	1850	J	c	1890	J	c	2720	J	c	2270	J	c	2010	J	c
Chromium	29			40.3			35.2	J	c	25.2			24.2		
Cobalt	5.54			7.82			6.18			5.7			4.93		
Copper	9.31			18.7			5.99	J	c	5.33			5.03		
Iron	21200	J	c	13100	J	c	10100	J	c	8030	J	c	7310	J	c
Lead	12.5			18			4.33			3.67			2.01		
Magnesium	3160			4570			2910			2910			3300		
Manganese	119	J	c	211	J	c	110	J	c	100	J	c	101	J	c
Mercury	0.068			0.212			< 0.050			< 0.056			< 0.052		
Nickel	29.1			42.3			28.9			26.9			29.4		
Potassium	783			1370			913			708			727		
Selenium	< 0.211			< 0.224	UJ	g	< 0.242	UJ	c	< 0.206			< 0.244		
Silver	< 0.509			< 0.495			0.631			< 0.532			< 0.533		
Sodium	368			559			604			910			609		
Thallium	< 0.271			< 0.288			< 0.311			< 0.264			< 0.314		
Vanadium	20.7			26.4			24.7			17.2			16.1		
Zinc	34.6	J	c	54.9	J	c	23.4			25.3	J	c	21.3	J	c

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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	L-207			L-208			L-209			L-210			M-201		
Date Sampled	05/14/91			05/14/91			05/14/91			05/15/91			05/15/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	23100	J	c	6060	J	c	10500	J	c	6710	J	c	12000	J	c
Antimony	4			< 2.6			< 2.8			< 2.6			3		
Arsenic	21.8			3.45			18.7			12.3			19.9		
Barium	61.8	J	c	179			49.9			46.3			49.2		
Beryllium	3.08			1.71			1.63			1.67			2.34		
Cadmium	0.921			0.808			0.834			0.66			0.869		
Calcium	6670	J	c	3820	J	c	2970	J	c	2200	J	c	2700	J	c
Chromium	92.2	J	c	53.6			52.8			41.1			59.2		
Cobalt	15.3			6.87			9.89			8.22			10.1		
Copper	52	J	c	34.2			27.1			20.2			29.9		
Iron	35300	J	c	14500	J	c	18800	J	c	13800	J	c	21200	J	c
Lead	52.9			67.7			28			20.9			28.9		
Magnesium	15100			4030			6290			4600			7130		
Manganese	484	J	c	242	J	c	289	J	c	228	J	c	233	J	c
Mercury	0.436			0.094			0.273			0.19			0.249		
Nickel	86.3			39.5			52.2			39.7			56.2		
Potassium	3980			1080			1920			1420			2430		
Selenium	< 0.327	UJ	c,g	< 0.208			< 0.221	UJ	g	< 0.218	UJ	g	< 0.234	UJ	g
Silver	1.41			< 0.502			0.619			0.613			0.733		
Sodium	16200			331			541			501			1570		
Thallium	< 0.421			< 0.268			< 0.284			< 0.281			< 0.300		
Vanadium	65.3			23.1			36.8			27			40.9		
Zinc	149			134	J	c	89.9	J	c	63.3	J	c	89.4	J	c

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e = LCS
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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	L-203			L-204			Duplicate L-204			L-205			L-206		
Date Sampled	05/14/91			05/14/91			05/14/91			05/14/91			05/14/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	4270	J	c	3680	J	c	4000	J	c	3350	J	c	3670	J	c
Antimony	< 2.5	UJ	c	< 2.7	UJ	c	< 2.4			< 2.6			< 2.8		
Arsenic	1.84			1.46	J	g	1.41			1.84			61		
Barium	25.5			20.2			24.2			15.9			26.9		
Beryllium	0.288			0.468			0.184			0.698			0.735		
Cadmium	< 0.300			< 0.318			< 0.283			< 0.310			< 0.333		
Calcium	1570	J	c	1560	J	c	1890	J	c	1390	J	c	1620	J	c
Chromium	26.9	J	c	24.1	J	c	27.9			23.3			24.8		
Cobalt	5.42			4.73			4.65			4.47			5.27		
Copper	7.29			4.11			4.14			4.74			6.15		
Iron	8410	J	c	7200	J	c	7310	J	c	7020	J	c	7630	J	c
Lead	4.92			2.49			3.25	J	f	2.28			17.1		
Magnesium	2920			2410			2590			2360			2680		
Manganese	122	J	c	97.3	J	c	108	J	c	83.5	J	c	93.8	J	c
Mercury	< 0.048			< 0.048			0.056			< 0.052			0.169		
Nickel	27.3			24.5			25.8			23.8			24.9		
Potassium	541			518			513			642			684		
Selenium	< 0.209	UJ	c	< 0.219	UJ	c	< 0.203			< 0.219			< 0.214	UJ	g
Silver	< 0.490			< 0.519			< 0.462			< 0.506			< 0.544		
Sodium	273			555			445			605			832		
Thallium	< 0.268			< 0.281			< 0.260			< 0.281			< 0.276		
Vanadium	18.7			16.6			18.1			15.4			17.1		
Zinc	22			16.8			17	J	c	23.1	J	c	34	J	c

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e = LCS
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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	Duplicate K-209			K-210			L-200			L-201			L-202		
Date Sampled	05/14/91			05/15/91			05/14/91			05/14/91			05/14/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	11300	J	c	7750	J	c	7750	J	c	19900	J	c	3960	J	c
Antimony	2.9			< 2.6	UJ	c	2.9	UJ	c	3.9	UJ	c	< 2.5	UJ	c
Arsenic	13.2			2.9			3.99			13.5			2.12		
Barium	55.5			30.8			32.4			85.3			14.4		
Beryllium	1.16			0.742			0.793			2.32			0.253		
Cadmium	2.72			0.681			2.15			1.68			< 0.303		
Calcium	3960	J	c	2290	J	c	2850	J	c	3060	J	c	1520	J	c
Chromium	62.5			41.4	J	c	42.4	J	c	92.6	J	c	24.1	J	c
Cobalt	10.6			8.03			7.9			21.7			5.4		
Copper	27			15.3			19.9			60.2			7.74		
Iron	21200	J	c	14300	J	c	14500	J	c	42100	J	c	7940	J	c
Lead	46.9			17.3			26			57.9			6.3		
Magnesium	5600			4190			5080			12200			2560		
Manganese	257	J	c	171	J	c	207	J	c	869	J	c	99.4	J	c
Mercury	0.287			0.135			0.126			0.685			0.241		
Nickel	52.7			38.7			39.9			91.1			25.4		
Potassium	1660			1260			1450			3410			640		
Selenium	< 0.221	UJ	g	< 0.215	UJ	c,g	< 0.217	UJ	c,g	< 0.260	UJ	c,g	< 0.215	UJ	c
Silver	0.75			0.68			0.506			1.29			< 0.495		
Sodium	983			396			3600			4500			330		
Thallium	< 0.284			< 0.276			< 0.279			< 0.334			< 0.277		
Vanadium	38.9			29.7			29			65.6			17.3		
Zinc	85.2	J	c	53.2			56.2			173			26		

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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	K-205			K-206			K-207			K-208			K-209		
Date Sampled	05/14/91			05/14/91			05/14/91			05/14/91			05/14/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	17200	J	c	3550	J	c	8790	J	c	8080	J	c	8150	J	c
Antimony	4.5	UJ	c	< 3.0	UJ	c	< 2.8	UJ	c	5.4			< 2.6	UJ	c
Arsenic	9.72			2.66			4.59			4.35			4.91		
Barium	58.8			16.1			34.6			33.6	J	c	43.3		
Beryllium	1.57			0.517			0.838			1.25			0.683		
Cadmium	0.678			< 0.355			0.42			0.816			2.47		
Calcium	5330	J	c	1430	J	c	2610	J	c	3370	J	c	2930	J	c
Chromium	84.8	J	c	23	J	c	48.2	J	c	42.3	J	c	52	J	c
Cobalt	15			4.59			9			7.86			8.46		
Copper	49.4			5.98			21.2			20.5	J	c	23.2		
Iron	31300	J	c	7150	J	c	16800	J	c	14400	J	c	17500	J	c
Lead	51.4			10.3			23.3			23.9			40.4		
Magnesium	10900			2690			5320			4570			4600		
Manganese	368	J	c	83.4	J	c	209	J	c	244	J	c	221	J	c
Mercury	0.455			< 0.058			0.326			0.14			0.209		
Nickel	77			23.7			42.8			37.8			44		
Potassium	2800			780			1450			1180			1250		
Selenium	< 0.242	UJ	c,g	< 0.246	UJ	c	< 0.229	UJ	c,g	< 0.208	UJ	c,g	< 0.217	UJ	c,g
Silver	1.43			< 0.579			< 0.545			0.651			0.655		
Sodium	6210			2940			700			337			802		
Thallium	< 0.312			< 0.316			< 0.294			< 0.268			< 0.279		
Vanadium	59.3			16.2			32.9			29.3			30		
Zinc	132			22.5			71			62.5			76.7		

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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	K-200			K-201			K-202			K-203			K-204		
Date Sampled	05/14/91			05/14/91			05/14/91			05/14/91			05/14/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	11600	J	c	6520	J	c	6640	J	c	5250	J	c	3820	J	c
Antimony	3.1	J	c	< 2.6	UJ	c	< 2.5	UJ	c	2.7	J	c	< 2.5	UJ	c
Arsenic	4.41			3.19			2.75			1.97			1.74		
Barium	51.1			26.8			23.8	J	c	26.5			20.7		
Beryllium	1.15			0.956			1.01			0.509			0.343		
Cadmium	5.79			0.534			0.389			< 0.312			< 0.300		
Calcium	4080	J	c	2920	J	c	2680	J	c	2220	J	c	1840	J	c
Chromium	60.6	J	c	36.1	J	c	36.9	J	c	31.3	J	c	28.6	J	c
Cobalt	9.93			6.86			5.88			6.47			4.74		
Copper	37.4			9.56			9.74	J	c	6.15			4.24		
Iron	19800	J	c	11300	J	c	11300	J	c	9180	J	c	7330	J	c
Lead	33.7			12.1			11.4			4.29			2.9		
Magnesium	6510			3280			3750			2940			2130		
Manganese	292	J	c	160	J	c	150	J	c	198	J	c	112	J	c
Mercury	0.146			< 0.051			0.101			< 0.050			< 0.046		
Nickel	52.8			30.6			31.4			27			23.1		
Potassium	1810			879			983			754			553		
Selenium	< 0.233			< 0.212	UJ	c,g	< 0.209	UJ	c,g	< 0.213	UJ	c	< 0.210	UJ	c
Silver	0.706			0.572			< 0.496			0.544			< 0.489		
Sodium	2010			395			326			479			297		
Thallium	< 0.300			< 0.273			< 0.269			< 0.274			< 0.269		
Vanadium	40.2			29.5			27.4			22.9			18.3		
Zinc	72.4			33			33.7			24.6			15.1		

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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	J-206			J-207			J-208			J-209			J-210		
Date Sampled	05/13/91			05/13/91			05/13/91			05/13/91			05/13/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	25400	J	c	18900	J	c	11600	J	c	9400	J	c	13100	J	c
Antimony	6.2	J	c	6.5	J	c	3.6	J	c	3.2	J	c	4.2	J	c
Arsenic	10.5			8.52			4.19			4.56			6.26		
Barium	67			56			46.5			35.8			45.2		
Beryllium	2.66			1.65			1			1.02			0.982		
Cadmium	1.58			1.27			0.991			0.339			1.21		
Calcium	5640	J	c	5850	J	c	3230	J	c	2860	J	c	3660	J	c
Chromium	109	J	c	81.9	J	c	55.7	J	c	48.1	J	c	64.6	J	c
Cobalt	17.8			14.1			10			7.54			10.7		
Copper	64.8			43.7			22.2			18.1			31.3		
Iron	39800	J	c	29300	J	c	18500	J	c	15600	J	c	20800	J	c
Lead	67.8			49.5			25.7			19.1			37.9		
Magnesium	13500			9240			5670			4610			6370		
Manganese	505	J	c	385	J	c	231	J	c	167	J	c	265	J	c
Mercury	0.485			0.455			0.207			0.234			0.226		
Nickel	98			71.2			50.5			39.5			51.8		
Potassium	4730			2660			1800			1410			2140		
Selenium	< 0.262	UJ	c,g	< 0.236	UJ	c,g	< 0.217	UJ	c,g	< 0.224	UJ	c,g	< 0.241	UJ	c,g
Silver	1.44			1.36			0.917			0.792			1.06		
Sodium	8090			2440			644			582			637		
Thallium	< 0.336			< 0.304			< 0.279			< 0.289			< 0.310		
Vanadium	78.7			58.6			39.4			33.3			43.3		
Zinc	198			129			69.6			54			99		

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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	J-201			Duplicate J-201			J-202			J-204			J-205		
Date Sampled	05/13/91			05/13/91			05/13/91			05/13/91			05/13/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	29100	J	c	27000	J	c	23300	J	c	31300	J	c	38200	J	c
Antimony	7.7	J	c	5.4	J	c	5.5	J	c	6.3	J	c	5.6	J	c
Arsenic	7.91			20.5			9.21			13.4			24.3		
Barium	70.7			82			66.4			82.5			96	J	c
Beryllium	2.44			2.09			1.53			2.73			4.68		
Cadmium	1.14			1.25			1.09			1.09			2.03		
Calcium	5220	J	c	6150	J	c	4660	J	c	7630	J	c	6330	J	c
Chromium	111	J	c	109	J	c	95	J	c	117	J	c	181	J	c
Cobalt	20.3			17.7			15.2			18.6			25.3		
Copper	61.8			60			50.3			63			84.2	J	c
Iron	39200	J	c	38600	J	c	34300	J	c	41400	J	c	56000	J	c
Lead	61.7			58			53.5			60.1			93.6		
Magnesium	12900			12700			10900			13300			15800		
Manganese	446	J	c	417	J	c	383	J	c	485	J	c	423	J	c
Mercury	0.579			0.626			0.564			0.461			0.592		
Nickel	93.8			96.4			79.6			98.2			136		
Potassium	3870			3930			3290			4140			5840		
Selenium	< 0.268	UJ	c,g	< 0.281	UJ	c,g	< 0.275	UJ	c,g	< 0.269	UJ	c,g	< 0.284	UJ	c
Silver	1.85			1.5			1.75			1.83			1.89		
Sodium	4180			4140			3880			4170			7510		
Thallium	< 0.344			< 0.361			< 0.354			< 0.345			< 0.365		
Vanadium	81.6			75.8			68.8			84.2			109		
Zinc	161			163			132			170			169		

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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	I-208			Duplicate I-208			I-209			I-210			J-200		
Date Sampled	05/13/91			05/13/91			05/13/91			05/13/91			05/13/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	5440	J	c	7840	J	c	10800	J	c	7880	J	c	7260	J	c
Antimony	< 2.5			< 2.6			2.9	J	c	3	J	c	3.4	J	c
Arsenic	3.58			4.43			4.7			3.34			2.93		
Barium	22.8	J	c	33.1	J	c	56.5			35.6			42.4		
Beryllium	1.06			1.33			0.934			0.761			0.663		
Cadmium	0.458			0.63			0.94			0.444			41.1		
Calcium	3420	J	c	2860	J	c	4050	J	c	2870	J	c	6070	J	c
Chromium	32.1	J	c	42.5	J	c	47.4	J	c	42.4	J	c	61	J	c
Cobalt	7.96			8.42			8.48			7.39			7.4		
Copper	8.94	J		14.6	J		20.2			14			45.7		
Iron	10700	J	c	13800	J	c	17000	J	c	13300	J	c	14200	J	c
Lead	16			20.7			38.8			16.8			125		
Magnesium	2770			3800			4650			3930			4060		
Manganese	499	J	c	297	J	c	219	J	c	168	J	c	226	J	c
Mercury	0.15			0.196			0.772			0.139			< 0.054		
Nickel	26.7			36.3			39.2			35.8			31.5		
Potassium	995			1380			1340			1270			1050		
Selenium	< 0.212	UJ	c,g	< 0.209	UJ	c,g	< 0.218	UJ	c,g	< 0.213	UJ	c,g	< 0.221	UJ	c,g
Silver	0.494			0.61			0.864			0.72			0.857		
Sodium	233			282			706			353			2620		
Thallium	< 0.272			< 0.269			< 0.280			< 0.273			< 0.284		
Vanadium	22.9			28.7			37.3			30.1			30.5		
Zinc	50.3			64.2			72.5			49.5			91.1		

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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	I-203			I-204			I-205			I-206			I-207		
Date Sampled	05/13/91			05/13/91			05/13/91			05/13/91			05/13/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	32700	J	c	25500	J	c	25500	J	c	10800	J	c	7250	J	c
Antimony	7.7	J	c	5.9	J	c	4.9	J	c	4.9	J	c	< 2.6	UJ	c
Arsenic	14.2			11.3			11.6			4.94			2.26		
Barium	74.3			72.5			84.4			59.3			41		
Beryllium	2.65			2.19			2.08			2.87			0.889		
Cadmium	1.76			1.33			1.68			3.63			< 0.309		
Calcium	3850	J	c	4760	J	c	5290	J	c	4500	J	c	2740	J	c
Chromium	128	J	c	107	J	c	104	J	c	67.1	J	c	39.8	J	c
Cobalt	17.9			16.9			17			17.5			6.76		
Copper	71.8			57.4			53.8			233			10.1		
Iron	43900	J	c	38000	J	c	37500	J	c	67800	J	c	11700	J	c
Lead	59.9			57.4			69.4			52.6			10.9		
Magnesium	14800			12800			11700			5220			3780		
Manganese	388	J	c	382	J	c	611	J	c	696	J	c	151	J	c
Mercury	0.517			0.369			0.454			0.239			< 0.051		
Nickel	103			90.8			88.7			123			34.6		
Potassium	4400			3650			3790			1540			1210		
Selenium	< 0.253	UJ	c,g	< 0.244	UJ	c,g	< 0.249	UJ	c,g	< 0.233	UJ	c,g	< 0.217	UJ	c,g
Silver	1.76			1.56			1.34			0.706			< 0.505		
Sodium	5040			4180			1930			592			308		
Thallium	< 0.326			< 0.314			< 0.321			< 0.299			< 0.278		
Vanadium	89.3			74.4			73.4			38.5			28		
Zinc	177			152			168			128			37.7		

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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	H-210			Duplicate H-210			I-200			I-201			I-202		
Date Sampled	05/10/91			05/10/91			05/13/91			05/13/91			05/13/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	7910	J	c	7390	J	c	9630	J	c	24500	J	c	23700	J	c
Antimony	< 2.6	UJ	c	< 2.6	UJ	c	2.8	J	c	5.8	J	c	5.7		
Arsenic	4.65			4.45			3.74			16.9			21.9		
Barium	38.1			40.6			40.8			68.7			62	J	c
Beryllium	0.695			0.461			1.03			1.89			3.1		
Cadmium	0.923			0.776			4.42			1.79			1.34		
Calcium	2870	J	c	2870	R	c	3490	J	c	5450	J	c	4320	J	c
Chromium	47.2	J	c	43.5	R	c	52.1	J	c	113	J	c	102	J	c
Cobalt	8.69			8.32			9.6			19.5			15.6		
Copper	21.4	J	c	20.8			33.8	J	c	72.4	J	c	58.4	J	c
Iron	15100	J	c	14800	J	c	16900	J	c	41700	J	c	36900	J	c
Lead	22.8			24.3			32.9			70.2			57.4		
Magnesium	4780			4760			5740			13800			12400		
Manganese	205			204	J	c	267			541			386	J	c
Mercury	0.198	J	c	0.372	J	f	0.224	J	c	0.867	J	c	0.553		
Nickel	81.6	J	c	41.2		c	44.4	J	c	102	J	c	87.3		
Potassium	1590			1510			1490			4020			3490		
Selenium	< 0.215	UJ	c,g	< 0.214	UJ	c,g	< 0.224	UJ	c,g	< 0.576	UJ	c,g	< 0.251	UJ	c,g
Silver	0.821			< 0.503			0.925			2.09			1.52		
Sodium	359	J	c	394			989	J	c	2720	J	c	1810		
Thallium	< 0.276			< 0.275			< 0.288			< 0.370			< 0.323		
Vanadium	30			29.1			34.2			77.9			71.4		
Zinc	66.9	J	c	68.4			67.7	J	c	187	J	c	156		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	H-205			H-206			H-207			H-208			H-209		
Date Sampled	05/10/91			05/10/91			05/10/91			05/10/91			05/10/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	22800	J	c	5370	J	c	6250	J	c	18100	J	c	7270	J	c
Antimony	4.2	J	c	< 2.5	UJ	c	< 2.7	UJ	c	3.9	J	c	< 2.6	UJ	c
Arsenic	13			2.93			4.4			14.5			5.5		
Barium	63.9			28.5			29.4			58.9			80		
Beryllium	2.41			0.374			0.85			1.71			0.608		
Cadmium	1.36			0.383			0.429			0.93			1.16		
Calcium	3880	J	c	2290	J	c	2390	J	c	4650	J	c	2850	J	c
Chromium	105	J	c	32.7	J	c	35.8	J	c	84.7	J	c	36.8	J	c
Cobalt	20			5.86			7.82			15.9			7.37		
Copper	68.5	J	c	11.1	J	c	16.6	J	c	54.7	J	c	22.6	J	c
Iron	38300	J	c	9970	J	c	12300	J	c	32200	J	c	14400	J	c
Lead	66.6			8.09			16.2			50.1			30		
Magnesium	12900			3600			4250			11900			4530		
Manganese	602			149			191			425			236		
Mercury	0.99	J	c	< 0.097	UJ	c	0.215	J	c	1.03	J	c	0.368	J	c
Nickel	92.5	J	c	31.4	J	c	38.4	J	c	79.5	J	c	35.5	J	c
Potassium	4050			981			1260			3130			1420		
Selenium	< 0.248	UJ	c,g	< 0.216	UJ	c	< 0.223			< 0.225	UJ	c,g	< 0.214	UJ	c,g
Silver	1.48			< 0.497			0.595			1.64			0.583		
Sodium	1950	J	c	271	J	c	313	J	c	831	J	c	442	J	c
Thallium	< 0.319			< 0.278			< 0.287			< 0.290			< 0.276		
Vanadium	71.4			20.6			24.5			62.3			26.8		
Zinc	181	J	c	35.3	J	c	51.2	J	c	142	J	c	254	J	c

Qualifiers:

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UJ = Qualified, estimated not detected
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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	H-200			H-201			H-202			H-203			H-204		
Date Sampled	05/10/91			05/10/91			05/10/91			05/10/91			05/10/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	4890	J	c	30400	J	c	25700	J	c	21600	J	c	26600	J	c
Antimony	< 2.5	UJ	c	8.4	J	c	7	J	c	4.6	J	c	< 4.0	UJ	c
Arsenic	2.44			15.1			13.4	J	g	14.6			19.6		
Barium	23.2			71.7			68.3			87.2			75.4		
Beryllium	0.356			2.21			2.06			1.86			2.31		
Cadmium	0.926	J	c	0.674	J	c	0.665	J	c	1.48			0.94		
Calcium	7140	J	c	4700	J	c	3690	J	c	3140	J	c	6940	J	c
Chromium	31	J	c	121	J	c	105	J	c	116	J	c	116	J	c
Cobalt	4.64			21.7			15.8			21.2			19.6		
Copper	11.5			65.9			58.3			64.1	J	c	70.5	J	c
Iron	8420	J	c	42000	J	c	33500	J	c	39300	J	c	45800	J	c
Lead	11.9	J	c	65.5	J	c	50.8	J	c	67			66.1		
Magnesium	2970			13300			11600			12800			15900		
Manganese	137			609			329			588			716		
Mercury	< 0.101			0.582			0.741			0.726	J	c	1.28	J	c
Nickel	23.1			98.1			83.6			106	J	c	105	J	c
Potassium	691			4120			3610			4050			5000		
Selenium	< 0.210	UJ	c,g	< 0.292	UJ	c,g	< 0.314	UJ	c,g	< 0.540	UJ	c,g	< 0.335	UJ	c,g
Silver	< 0.488			1.29			1.23			1.51			1.72		
Sodium	2150			3830			5200			2500	J	c	6870	J	c
Thallium	< 0.270	UJ	g	< 0.375	UJ	g	< 0.403	UJ	g	< 0.347			< 0.430		
Vanadium	20.7			83.1			72.6			73.3			83.2		
Zinc	27.2	J	c	162	J	c	129	J	c	180	J	c	184	J	c

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	**G-209**			**G-210**		
Date Sampled	**05/09/91**			**05/09/91**		
Parameter Reported	**0.0 ft**			**0.0 ft**		
	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)						
Aluminum	8230	J	c	7170	J	c
Antimony	< 2.5	UJ	c	< 2.5	UJ	c
Arsenic	3.51			3.15		
Barium	43.3			29.5		
Beryllium	1.31			1.09		
Cadmium	0.527	J	c	0.356	J	c
Calcium	3880	J	c	2600	J	c
Chromium	42.8	J	c	39.6	J	c
Cobalt	7.35			6.27		
Copper	17.1			11.1		
Iron	13300	J	c	11600	J	c
Lead	21.6	J	c	9.96	J	c
Magnesium	4200			3470		
Manganese	195			149		
Mercury	0.122			< 0.102		
Nickel	35.5			32		
Potassium	1200			1120		
Selenium	< 0.211	UJ	c,g	< 0.212	UJ	c,g
Silver	0.53			< 0.492		
Sodium	533			261		
Thallium	< 0.272	UJ	g	< 0.273	UJ	g
Vanadium	29.4			27.7		
Zinc	52.9	J	c	37.4	J	c

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Res[illegible] .or Surface Soil Samples - Metals

Sample Number	G-205			G-206			G-207			G-208			Duplicate G-208		
Date Sampled	05/10/91			05/10/91			05/10/91			05/09/91			05/09/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	12700	J	c	24600	J	c	8220	J	c	4940	J	c	4860	J	c
Antimony	3	J	c	7.3	J	c	3.1	J	c	3	J	c	< 2.5	UJ	c
Arsenic	11			15.6			4.26			3.75			3.83		
Barium	41			65.3			67.9			17.4			19		
Beryllium	1.39			2.85			0.941			0.824			0.741		
Cadmium	0.693	J	c	1.17	J	c	1.07	J	c	0.539	J	c	0.463		
Calcium	3650	J	c	3980	J	c	7390	J	c	5540	J	c	2750	J	c
Chromium	57.1	J	c	102	J	c	36.6	J	c	30.1	J	c	31.4	J	c
Cobalt	11.3			15.8			6.81			7.33			8.24		
Copper	25.2			56.2			30.2			8.83			9.44		
Iron	20000	J	c	34900	J	c	14000	J	c	9830	J	c	10400	J	c
Lead	34.8	J	c	58.8	J	c	50.1	J	c	22.9	J	c	17.6		
Magnesium	5860			11100			3700			2590			2610		
Manganese	413			400			235			251			250	J	c
Mercury	0.239			0.574			0.412			0.096			0.087		
Nickel	50			85.8			33.7			26			25.7		
Potassium	1900			3680			1100			796			822		
Selenium	< 0.228	UJ	c,g	< 0.243	UJ	c,g	< 0.213	UJ	c,g	< 0.208	UJ	c,g	< 0.210	UJ	c
Silver	0.634			1.09			< 0.491			< 0.490			< 0.486		
Sodium	434			982			235			131			257		
Thallium	< 0.293			< 0.313	UJ	g	< 0.274			< 0.268	UJ	g	< 0.270		
Vanadium	41.5			70.4			28.8			20.3			20.4		
Zinc	80.5	J	c	154	J	c	126	J	c	49.1	J	c	49.2	J	c

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	G-200			G-201			G-202			G-203			G-204		
Date Sampled	05/10/91			05/10/91			05/10/91			05/10/91			05/10/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	11500	J	c	25600	J	c	27900	J	c	28200	J	c	10100	J	c
Antimony	< 2.5	UJ	c	7.4	J	c	9.2	J	c	8	J	c	6.2	J	c
Arsenic	5.04			19.9			19.5			17.6			7.3	J	
Barium	39.5			66.8			67.4			74.3			94.3		
Beryllium	1.22			3.27			2.72			3.49			1.65		
Cadmium	0.671	J	c	1.87	J	c	< 0.429	UJ	c	0.526	J	c	4.01	J	c
Calcium	3300	J	c	3560	J	c	4240	J	c	5110	J	c	3490	J	c
Chromium	54.9	J	c	116	J	c	114	J	c	112	J	c	54.3	J	c
Cobalt	8.77			18.4			17.6			17.4			8.58		
Copper	29.4			66.5			64.8			63			63.5		
Iron	18300	J	c	40200	J	c	39900	J	c	39200	J	c	17700	J	c
Lead	23.2	J	c	60.7	J	c	64.9	J	c	59.5	J	c	1090	J	c
Magnesium	5820			13100			14100			15300			4800		
Manganese	239			492			419			478			299		
Mercury	0.245			0.514			0.598			0.446			0.193		
Nickel	45.6			99.7			92.4			93.5			42.4		
Potassium	1680			4320			4540			5170			1580		
Selenium	< 0.213	UJ	c,g	< 0.251	UJ	c,g	< 0.301	UJ	c,g	< 0.319	UJ	c,g	< 0.223	UJ	c,g
Silver	< 0.495			1.21			1.01			1.28			0.775		
Sodium	529			2390			17300			14800			304		
Thallium	< 0.274			< 0.323			< 0.387	UJ	g	< 0.424	UJ	g	< 0.287		
Vanadium	38.8			76.7			78.3			78.4			34.4		
Zinc	69.5	J	c	168	J	c	153	J	c	163	J	c	390	J	c

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	F-206			F-207			F-208			F-209			F-210		
Date Sampled	05/09/91			05/09/91			05/09/91			05/09/91			05/09/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	5880	J	c	9290	J	c	14800	J	c	8250	J	c	8910	J	c
Antimony	< 2.6	UJ	c	2.9	J	c	5.6	J	c	< 2.6	UJ	c	< 2.6	UJ	c
Arsenic	2.95	J	g	3.92			12.7			3.97			4.66	J	g
Barium	27.7			53.7			67			43.4			34		
Beryllium	0.791			1.04			1.59			1.22			1.03		
Cadmium	0.422	J	c	0.453	J	c	1.63	J	c	0.665	J	c	0.419	J	c
Calcium	2210	J	c	2480	J	c	3730	J	c	3410	J	c	2670	J	c
Chromium	37	J	c	46.3	J	c	146	J	c	42.8	J	c	48.3	J	c
Cobalt	5.8			8.29			11.8			8.1			8.14		
Copper	10.5			16.8			59.3			18.1			16.7		
Iron	10400	J	c	14800	J	c	25600	J	c	13600	J	c	15100	J	c
Lead	12.4	J	c	15.6	J	c	491	J	c	24.6	J	c	18.9	J	c
Magnesium	3440			4670			6730			4150			4610		
Manganese	145			181			325			202			199		
Mercury	< 0.103			< 0.103			0.611			0.162			0.149		
Nickel	32.8			43			63			36.3			39.7		
Potassium	952			1330			2160			1240			1400		
Selenium	< 0.212	UJ	c,g	< 0.223	UJ	c,g	< 0.232	UJ	c,g	< 0.211	UJ	c,g	< 0.220	UJ	c,g
Silver	< 0.502			< 0.525			1.06			< 0.499			< 0.509		
Sodium	163			199			420			237			342		
Thallium	< 0.273			< 0.287			< 0.299			< 0.272			< 0.283		
Vanadium	23.1			32.2			45.6			29.4			31.9		
Zinc	37.1	J	c	48.8	J	c	209	J	c	56.6	J	c	55.5	J	c

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	F-202			Duplicate F-202			F-203			F-204			F-205		
Date Sampled	05/09/91			05/09/91			05/09/91			05/09/91			05/09/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	3740	J	c	3340	J	c	6640	J	c	14500	J	c	11000	J	c
Antimony	< 3.0	UJ	c	< 3.0	UJ	c	< 2.6	UJ	c	4.1	J	c	2.8	J	c
Arsenic	2.18	J	g	1.92			3.84	J	g	7.95	J	g	8.49	J	g
Barium	15.1			14.3			24.7			44.4			90.7		
Beryllium	0.341			0.587			1.04			1.81			1.16		
Cadmium	< 0.353	UJ	c	< 0.353			< 0.311	UJ	c	0.95	J	c	1.34	J	c
Calcium	1690	J	c	1380	J	c	2670	J	c	3810	J	c	4910	J	c
Chromium	26.4	J	c	22.1	J	c	37	J	c	66.3	J	c	60	J	c
Cobalt	3.84			4.23			6.16			11.3			9.99		
Copper	4.06			5.16	J	c	12.4			38.8			42.9		
Iron	7540	J	c	6990	J	c	11600	J	c	23300	J	c	19700	J	c
Lead	4.51	J	c	3.75			12.9	J	c	40.3	J	c	48.9	J	c
Magnesium	2460			2500			3550			7550			6180		
Manganese	92.5			85.4			142			349			275		
Mercury	< 0.112			< 0.114	UJ	c	< 0.104			0.282			0.261		
Nickel	22.2			23	J	c	33.4			62.3			57.2		
Potassium	632			758			901			2090			1660		
Selenium	< 0.254	UJ	c,g	< 0.251	UJ	c,g	< 0.216	UJ	c,g	< 0.241	UJ	c,g	< 0.235	UJ	c,g
Silver	< 0.576			0.693			< 0.508			0.64			0.665		
Sodium	1060			1000	J	c	248			590			456		
Thallium	< 0.326			< 0.322			< 0.278			< 0.310			< 0.302		
Vanadium	16.2			14.3			26.6			47.8			38.8		
Zinc	18.3	J	c	19.1	J	c	39	J	c	103	J	c	103	J	c

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	E-208			E-209			E-210			F-200			F-201		
Date Sampled	05/09/91			05/09/91			05/08/91			05/09/91			05/09/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	11800	J	c	12700	J	c	4440	J	c	6740	J	c	7760	J	c
Antimony	2.6	J	c	< 2.7	UJ	c	< 2.6	UJ	c	< 2.8	UJ	c	< 3.3	UJ	c
Arsenic	9.09	J	g	11.7			2.52	J	g	2.42			4.34	J	g
Barium	110			57.4			42.7			44.5			28.3		
Beryllium	1.41			1.48			0.508			1.12			1.27		
Cadmium	1.99	J	c	1.07	J	c	< 0.305	UJ	c	9.23	J	c	1.72	J	c
Calcium	5590	J	c	3950	J	c	1850	J	c	4570	J	c	3410	J	c
Chromium	52.2	J	c	57.8	J	c	28.8	J	c	50.8	J	c	47.5	J	c
Cobalt	10.1			10.3			4.52			6.99			7.46		
Copper	51.1			28.6			8.07			24.6			23.9		
Iron	21000	J	c	20700	J	c	8580	J	c	12300	J	c	14100	J	c
Lead	49.2	J	c	43.5	J	c	6.56	J	c	72.8	J	c	23.5	J	c
Magnesium	5000			5460			2540			4460			4720		
Manganese	456			275			108			184			193		
Mercury	0.261			0.157			< 0.100			0.159			0.141		
Nickel	46.1			51.2			25			37.5			45.3		
Potassium	1660			1800			840			1010			1180		
Selenium	< 0.216	UJ	c,g	< 0.227	UJ	c,g	< 0.214	UJ	c,g	< 0.232	UJ	c,g	< 0.275	UJ	c,g
Silver	0.527			0.581			< 0.498			< 0.540			< 0.648		
Sodium	287			479			111			666			1080		
Thallium	< 0.278			< 0.292			< 0.275			< 0.299			< 0.353		
Vanadium	45			40.5			19.4			27.6			33.9		
Zinc	107	J	c	102	J	c	28.8	J	c	97.4	J	c	65.6	J	c

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	E-204			E-205			Duplicate E-205			E-206			E-207		
Date Sampled	05/09/91			05/09/91			05/09/91			05/09/91			05/09/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	16800	J	c	19400	J	c	16400	J	c	11100	J	c	11700	J	c
Antimony	3.6	J	c	4.9	J	c	5.1	J	c	6.4	J	c	3.4	J	c
Arsenic	17			22.3			19.2			7.37	J	g	6.31	J	g
Barium	96.8			112			85.6			72.2			44.7		
Beryllium	1.94			1.97			1.51			2.03			1.23		
Cadmium	2.06	J	c	0.97	J	c	1.76			9.59	J	c	0.744	J	c
Calcium	5220	J	c	4290	J	c	3830	J	c	4080	J	c	3470	J	c
Chromium	71	J	c	71.8	J	c	76.2	J	c	79.3	J	c	52.1	J	c
Cobalt	12.6			13.3			15			12.9			9.03		
Copper	45.8			43.5			51.1			97.5			20.1		
Iron	27900	J	c	29400	J	c	30100	J	c	33300	J	c	16900	J	c
Lead	55.2	J	c	53.5	J	c	59.7			125	J	c	22.2	J	c
Magnesium	8070			8210			9240			5030			5460		
Manganese	402			395			477			409			300		
Mercury	0.263			0.392			0.577	J	c	1.47			0.122		
Nickel	65.6			65.7			73.8	J	c	66.8			49.5		
Potassium	2640			2850			2910			1570			1670		
Selenium	< 0.236	UJ	c,g	0.245	UJ	c,g	< 0.228	UJ	c,g	< 0.221	UJ	c,g	< 0.226	UJ	c,g
Silver	0.65			0.771			1.69			0.979			0.584		
Sodium	806			701			1170	J	c	297			384		
Thallium	< 0.304			< 0.287			< 0.293			< 0.284	UJ	g	< 0.291		
Vanadium	52			56.7			53.1			42.5			38.7		
Zinc	109	J	c	108	J	c	134	J	c	332	J	c	64.5	J	c

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	D-210			E-200			E-201			E-202			E-203		
Date Sampled	05/08/91			05/09/91			05/09/91			05/09/91			05/09/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	4930	J	c	8640	J	c	8880	J	c	5690	J	c	12000	J	c
Antimony	3.5			3.7	J	c	2.7	J	c	< 2.6	UJ	c	3.5	J	c
Arsenic	2.14			13.1			4.76	J	g	3.86	J	g	13.2		
Barium	28.8			46.7			31.8			28.2			101		
Beryllium	0.592	J	c	2.73			1.87			1.46			1.31		
Cadmium	3.1			2.74	J	c	0.451	J	c	1.35	J	c	2.57	J	c
Calcium	3150	J	c	4180	J	c	2500	J	c	3330	J	c	4840	J	c
Chromium	35.7	J	c	48	J	c	45.2	J	c	36.6	J	c	54.9	J	c
Cobalt	6.04			8.35			7.83			6.55			11		
Copper	21.8			49.7			17.6			17.5			40.7		
Iron	10200	J	c	25600	J	c	14800	J	c	10700	J	c	21300	J	c
Lead	36.7	J	c	68.7	J	c	15.3	J	c	22.3	J	c	71.5	J	c
Magnesium	2530	J	c	3940			4800			3110			5920		
Manganese	148	J	c	271			213			164			335		
Mercury	0.118			< 0.100			< 0.102			0.248			0.251		
Nickel	28.8			37.8			41.4			30.7			54		
Potassium	709			1150			1320			747			1940		
Selenium	< 0.211	UJ	c,g	< 0.222	UJ	c,g	< 0.219	UJ	c,g	< 0.214	UJ	c,g	< 0.219	UJ	c,g
Silver	0.918	J	c	< 0.521			< 0.516			< 0.504			< 0.514		
Sodium	211			693			771			161			327		
Thallium	< 0.271			< 0.285			< 0.282			< 0.275			< 0.281		
Vanadium	22.2			34.3			32.6			31.3			40.4		
Zinc	111			151	J	c	51	J	c	41.8	J	c	101	J	c

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	Duplicate D-205			D-206			D-207			D-208			D-209		
Date Sampled	05/08/91			05/08/91			05/08/91			05/08/91			05/08/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	5150	J	c	11200	J	c	6450	J	c	7530	J	c	12100	J	c
Antimony	< 2.5	UJ	c	3.4			4.7			3.8			3.6		
Arsenic	2.15			23			3.49			2.69			4.05		
Barium	26.3			74.1			69.9			47.6			39.2		
Beryllium	0.696			1.49	J	c	0.975	J	c	0.875	J	c	1.09	J	c
Cadmium	1.73	J	c	0.427			2.19			6.74			0.559		
Calcium	2450	J	c	4800	J	c	7560	J	c	2620	J	c	2990	J	c
Chromium	36	J	c	47.9	J	c	37.1	J	c	41.4	J	c	56.7	J	c
Cobalt	5.64			9.71			6.49			6.51			10.4		
Copper	19.8			30.7			39.9			176			25.4		
Iron	9930	J	c	20400	J	c	13200	J	c	13400	J	c	20300	J	c
Lead	32.4	J	c	113	J	c	75.1	J	c	45.7	J	c	26.7	J	c
Magnesium	2810			5220	J	c	4160	J	c	3250	J	c	6320	J	c
Manganese	123			313	J	c	195	J	c	170	J	c	268	J	c
Mercury	0.739			0.108			0.275			0.812			0.178		
Nickel	31.9			48			38.5			36.3			51.9		
Potassium	731			1460			881			1120			1800		
Selenium	< 0.211	UJ	c,g	< 0.218	UJ	c,g	< 0.223	UJ	c,g	< 0.214	UJ	c,g	< 0.226	UJ	c,g
Silver	< 0.497	UJ	c	0.654	J	c	0.697	J	c	0.931	J	c	1.08	J	c
Sodium	106			497			321			238			494		
Thallium	< 0.271			< 0.280	UJ	g	< 0.286			< 0.276			< 0.291		
Vanadium	22.7			39.8			27.5			24.7			41.4		
Zinc	92.4	J	c	92.7			88.9			165			74.1		

Qualifiers:

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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	D-201			D-202			D-203			D-204			D-205		
Date Sampled	05/08/91			05/08/91			05/08/91			05/08/91			05/08/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	9130	J	c	10600	J	c	10500	J	c	13600	J	c	7370	J	c
Antimony	4.2			5.2			2.9			4.3			6.1		
Arsenic	11.1			14			18.2			26.2			2.43		
Barium	43			72.3			64.5			112			46.2		
Beryllium	1.09	J	c	1.5	J	c	1.14	J	c	1.59	J	c	1.03	J	c
Cadmium	0.522			2.08			5.11			0.848			4.86		
Calcium	2780	J	c	4900	J	c	4490	J	c	4080	J	c	3330	J	c
Chromium	47.4	J	c	39.5	J	c	51.3	J	c	50.3	J	c	53.1	J	c
Cobalt	7.94			8.81			9.7			11			7.7		
Copper	23.5			33.2			32.7			33.9			49.3		
Iron	14800	J	c	21500	J	c	19100	J	c	23400	J	c	14400	J	c
Lead	22	J	c	70.5	J	c	67.7	J	c	50.4	J	c	85.7	J	c
Magnesium	4400	J	c	5900	J	c	4890	J	c	6600	J	c	3420	J	c
Manganese	180	J	c	510	J	c	303	J	c	327	J	c	179	J	c
Mercury	0.198			0.188			0.268			0.345			0.797		
Nickel	41.7			37.5			47.2			54.4			41.8		
Potassium	1320			1030			1500			2110			984		
Selenium	< 0.217	UJ	c,g	< 0.206	UJ	c,g	< 0.216	UJ	c,g	< 0.220	UJ	c,g	< 0.211	UJ	c,g
Silver	0.922	J	c	1.11	J	c	0.672	J	c	0.72	J	c	1.27	J	c
Sodium	624			294			310			591			237		
Thallium	< 0.280			< 0.265			< 0.278			< 0.283			< 0.271		
Vanadium	32.7			34.9			36.4			43.2			32.5		
Zinc	59.5			128			92.4			85.3			216		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	C-207			C-208			C-209			C-210			D-200		
Date Sampled	05/07/91			05/07/91			05/07/91			05/07/91			05/08/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	21400	J	c	11600	J	c	5450	J	c	5290	J	c	11600	J	c
Antimony	6.3			3.9			2.6			4			3.6		
Arsenic	21.2			16.2			1.91			2.02			12.2		
Barium	68.8			45.6			30.9			44.2			63.7		
Beryllium	2.16	J	c	1.56	J	c	0.81	J	c	0.531	J	c	1.29	J	c
Cadmium	12.4			0.832			0.577			5.28			6.83		
Calcium	4990	J	c	3550	J	c	2140	J	c	4140	J	c	6960	J	c
Chromium	92.2	J	c	52.3	J	c	32.8	J	c	38.6	J	c	52.2	J	c
Cobalt	15.5			9.36			5.19			5.62			9.18		
Copper	47.1			24.7			10.6			16.9			34.6		
Iron	31200	J	c	18800	J	c	9980	J	c	14200	J	c	19800	J	c
Lead	55.8	J	c	32.8	J	c	17.8	J	c	31.1	J	c	122	J	c
Magnesium	9870	J	c	5660	J	c	2780	J	c	2300	J	c	5520	J	c
Manganese	481	J	c	244	J	c	136	J	c	151	J	c	241	J	c
Mercury	0.757			0.254			0.1			0.28			0.117		
Nickel	76.6			49			27.9			27.6			43.2		
Potassium	2640			1700			912			781			1710		
Selenium	< 0.224	UJ	c,g	< 0.225	UJ	c,g	< 0.213	UJ	c,g	< 0.209	UJ	c,g	< 0.215	UJ	c,g
Silver	1.41	J	c	0.955	J	c	0.827	J	c	1.04	J	c	1.21	J	c
Sodium	505			686			194			236			2090		
Thallium	< 0.288			< 0.289			< 0.274			< 0.269			< 0.276		
Vanadium	62.4			39.2			23.4			25.3			40.4		
Zinc	136			72.5			42.1			104			176		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	C-203			Duplicate C-203			C-204			C-205			C-206		
Date Sampled	05/07/91			05/07/91			05/07/91			05/07/91			05/07/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	7850	J	c	10100	J	c	11200	J	c	6690	J	c	7150	J	c
Antimony	< 2.6			3.4	J	c	2.8			3.1			5.7		
Arsenic	3.94			4.54			13.6			5.77			11.1		
Barium	56.2			69.7			57.1			46.5			57.8		
Beryllium	0.971	J	c	0.752			1.09	J	c	0.908	J	c	1.21	J	c
Cadmium	9.02			8.52	J	c	0.548			< 0.306			9.69		
Calcium	3650	J	c	4870	J	c	3850	J	c	2560	J	c	3890	J	c
Chromium	58.9	J	c	61.3	J	c	52.5	J	c	36.2	J	c	69.4	J	c
Cobalt	8.17			9.27			10.8			7.28			7.49		
Copper	31.8			32.5			25.5			11.6			63.3		
Iron	16200	J	c	17700	J	c	20200	J	c	12700	J	c	15800	J	c
Lead	58.5	J	c	53.3	J	c	27.3	J	c	14	J	c	153	J	c
Magnesium	5100	J	c	5740			6250	J	c	4130	J	c	3390	J	c
Manganese	277	J	c	558			308	J	c	187	J	c	218	J	c
Mercury	0.304			0.257			0.177			0.399			1.42		
Nickel	42.8			45.1			51.5			37.6			46.4		
Potassium	1160			1380			1500			961			907		
Selenium	< 0.212	UJ	c,g	< 0.211	UJ	c,g	< 0.226	UJ	c,g	< 0.218	UJ	c,g	< 0.209	UJ	c,g
Silver	0.831	J	c	0.699			0.951	J	c	0.705	J	c	1.57	J	c
Sodium	485			432			682			329			241		
Thallium	< 0.272			< 0.271	UJ	g	< 0.291			< 0.280			< 0.269		
Vanadium	28.8			34.8			39.9			26.5			31.2		
Zinc	88.7			87	J	c	74.5			38.8			260		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	Duplicate B-209			B-210			C-200			C-201			C-202		
Date Sampled	05/07/91			05/07/91			05/07/91			05/07/91			05/07/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	12900	J	c	4340	J	c	12600	J	c	4530	J	c	6870	J	c
Antimony	4.4			< 2.4			3.1			< 2.5			3.7		
Arsenic	14			2.29			13.7			1.52			18.3		
Barium	46.3			31.4			42.7			29.1			116		
Beryllium	0.834	J	c	0.687	J	c	1.28	J	c	0.457	J	c	1.52	J	c
Cadmium	0.685			1.02			0.79			< 0.298			0.902		
Calcium	3540	J	c	2640	J	c	3440	J	c	2020	J	c	3140	J	c
Chromium	59.6	J	c	29.7	J	c	64.3	J	c	29.1	J	c	32.3	J	c
Cobalt	9.81			5.5			11.8			5.19			6.47		
Copper	24.6			11.6			35.1			6.37			37.5		
Iron	19700	J	c	10300	J	c	23100	J	c	8580	J	c	24100	J	c
Lead	27.3			37.3	J	c	38.5	J	c	4.32	J	c	35.7	J	c
Magnesium	5800			2300	J	c	7370	J	c	2430	J	c	3640	J	c
Manganese	236	J	c	150	J	c	320	J	c	108	J	c	208	J	c
Mercury	0.243	J	f	< 0.095			0.336			< 0.098			0.784		
Nickel	50.1			23.8			60.7			26.1			30		
Potassium	1840			814			2050			722			1230		
Selenium	< 0.232	UJ	c,g	< 0.205	UJ	c,g	< 0.230	UJ	c,g	< 0.212	UJ	c,g	0.303	UJ	c,g
Silver	1.12	J	c	0.622	J	c	1.23	J	c	< 0.487	UJ	c	0.865	J	c
Sodium	352			219			1900			190			274		
Thallium	< 0.298			< 0.264			< 0.296			< 0.272			< 0.282		
Vanadium	41.6			21.5			45.2			19.7			28.7		
Zinc	71.9			77.5			99.8			18.8			56.7		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	B-205			B-206			B-207			B-208			B-209		
Date Sampled	05/07/91			05/07/91			05/07/91			05/07/91			05/07/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	9370	J	c	11400	J	c	9890	J	c	7690	J	c	8870	J	c
Antimony	3			3.5			3.6			6.7			3.3		
Arsenic	15.1			26			23.1			3.36			3.31		
Barium	88.9			102			89.5			75.9			39.2		
Beryllium	1.28	J	c	1.2	J	c	1.19	J	c	0.798	J	c	0.989	J	c
Cadmium	0.614			10.8			1.36			4.8			0.538		
Calcium	4760	J	c	4130	J	c	4550	J	c	3640	J	c	4650	J	c
Chromium	39.4	J	c	40.8	J	c	43.1	J	c	59.4	J	c	47.7	J	c
Cobalt	8.93			11.5			9.89			7.85			8.01		
Copper	50.7			35.5			30.7			39.4			19.7		
Iron	17900	J	c	21700	J	c	19400	J	c	16300	J	c	15500	J	c
Lead	55.6	J	c	65.5	J	c	43.4	J	c	78.9	J	c	21.7	J	c
Magnesium	5520	J	c	5880	J	c	5370	J	c	4260	J	c	4670	J	c
Manganese	326	J	c	413	J	c	322	J	c	234	J	c	194	J	c
Mercury	0.157			0.196			0.2			0.821			0.333		
Nickel	40.4			48.9			47.4			42.9			42.7		
Potassium	1300			2000			1620			1200			1380		
Selenium	< 0.225	UJ	c,g	< 0.224	UJ	c,g	< 0.219	UJ	c,g	< 0.221	UJ	c,g	< 0.224	UJ	c,g
Silver	0.793	J	c	0.709	J	c	0.551	J	c	1.27	J	c	0.758	J	c
Sodium	566			713			350			391			302		
Thallium	< 0.290	UJ	g	< 0.288	UJ	g	< 0.282			< 0.285			< 0.288		
Vanadium	32.3			38.4			35			29.6			31.5		
Zinc	97.5			98.8			75.7			189			58.5		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number Date Sampled Parameter Reported	A-210 05/07/91 0.0 ft			B-201 05/07/91 0.0 ft			B-202 05/07/91 0.0 ft			B-203 05/07/91 0.0 ft			B-204 05/07/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	3230	J	c	7930	J	c	9480	J	c	10400	J	c	19100	J	c
Antimony	< 2.5			< 2.7			< 2.6			< 2.6			6.3		
Arsenic	1.69			3			11.5			4.71			18		
Barium	24			49.1			32.4			36.1			61.1		
Beryllium	< 0.131			1.26	J	c	1.12	J	c	1.31	J	c	1.37	J	c
Cadmium	0.537	J	c	1.27			0.487			0.775			1.27		
Calcium	5740	J	c	3490	J	c	2460	J	c	2650	J	c	3910	J	c
Chromium	21	J	c	31.2	J	c	49.4	J	c	54.2	J	c	88.1	J	c
Cobalt	3.93			6.79			8.63			9.79			15.4		
Copper	5.56	J	c	14.5			20.8			24.1			48.3		
Iron	6170	J	c	14200	J	c	17000	J	c	18300	J	c	31700	J	c
Lead	16.2	J	c	12.3	J	c	21.7	J	c	25.3	J	c	52	J	c
Magnesium	1900			3660	J	c	5380	J	c	5890	J	c	9920	J	c
Manganese	115	J	c	240	J	c	238	J	c	232	J	c	442	J	c
Mercury	< 0.102			0.141			0.216			0.146			0.688		
Nickel	22.1			29			45.5			48.9			80.1		
Potassium	492			964			1430			1470			2990		
Selenium	< 0.218	UJ	g	< 0.222	UJ	c,g	< 0.234	UJ	c,g	< 0.221	UJ	c,g	< 0.245	UJ	c,g
Silver	< 0.494			0.595	J	c	0.683	J	c	0.806	J	c	1.31	J	c
Sodium	312			858			443			572			1360		
Thallium	< 0.280			< 0.286	UJ	g	< 0.301			< 0.284	UJ	g	< 0.315	UJ	g
Vanadium	15.3			26.6			33.7			36.7			60.7		
Zinc	39.8	J	c	49.1			62.7			71			135		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	A-206			A-207			A-208			Duplicate A-208			A-209		
Date Sampled	05/07/91			05/07/91			05/07/91			05/07/91			05/07/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	6560	J	c	4340	J	c	4020	J	c	4730	J	c	3470	J	c
Antimony	< 2.5			< 2.6			< 2.6			3.4			< 2.4		
Arsenic	1.43			1.37			1.81			2.39			1.16		
Barium	35.8			21.4			27.4			33			20.8		
Beryllium	< 0.130			0.606			< 0.134			0.191	J	c	< 0.127		
Cadmium	1.69	J	c	0.611	J	c	2.67	J	c	2.46			0.702	J	c
Calcium	5710	J	c	2400	J	c	2800	J	c	3110	J	c	2280	J	c
Chromium	23.9	J	c	25	J	c	26.5	J	c	31.1	J	c	22.8	J	c
Cobalt	5.13			4.06			4.81			5.24			4.09		
Copper	22.2	J	c	12.8	J	c	9.41	J	c	11.2			6.21	J	c
Iron	7650	J	c	6840	J	c	6870	J	c	9280	J	c	6870	J	c
Lead	51.1	J	c	24.5	J	c	48.2	J	c	65.1	J	c	20	J	c
Magnesium	2370			2110			2210			2600	J	c	2220		
Manganese	119	J	c	95	J	c	152	J	c	161	J	c	111	J	c
Mercury	< 0.089			< 0.110			< 0.103			< 0.104			< 0.107		
Nickel	23.1			22.8			22.8			25.1			22.7		
Potassium	592			566			465			652			499		
Selenium	< 0.214	UJ	g	< 0.216	UJ	g	< 0.203			< 0.218	UJ	c,g	< 0.220		
Silver	< 0.492			< 0.510			< 0.505			2.15	J	c	< 0.477		
Sodium	713			559			400			335			365		
Thallium	< 0.275			< 0.277			< 0.261			< 0.280			< 0.282		
Vanadium	20			18.5			19			25.4			15.4		
Zinc	249	J	c	47.2	J	c	47.2	J	c	49.1			43.2	J	c

Qualifiers:

Val = Validity data qualifiers
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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Metals

Sample Number	A-201			A-202			A-203			A-204			A-205		
Date Sampled	05/06/91			05/06/91			05/06/91			05/07/91			05/07/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)															
Aluminum	6130	J	c	6250	J	c	7680	J	c	3480	J	c	3680	J	c
Antimony	< 2.5			< 2.5			< 2.9			< 2.5			< 2.6		
Arsenic	2.83			2.74			4.19			1.47			1.44		
Barium	48.9			98			86.8			22.9			22.6		
Beryllium	0.203			0.666			0.837			0.225			< 0.136		
Cadmium	2.79	J	c	111	J	c	14.4	J	c	1.04	J	c	1.04	J	c
Calcium	4680	J	c	5200	J	c	4490	J	c	1920	J	c	1930	J	c
Chromium	37	J	c	43.1	J	c	52.8	J	c	23.3	J	c	28.2	J	c
Cobalt	6.06			7.29			9.1			4.1			3.91		
Copper	23	J	c	37.1	J	c	102	J	c	7.22	J	c	6.69	J	c
Iron	11400	J	c	11200	J	c	15500	J	c	6210	J	c	6610	J	c
Lead	63.6	J	c	80.6	J	c	172	J	c	18.6	J	c	26.4	J	c
Magnesium	3160			3330			4410			1650			1840		
Manganese	195	J	c	240	J	c	221	J	c	86.5	J	c	65.8	J	c
Mercury	0.118			0.791			0.561			< 0.089			< 0.109		
Nickel	28.9			29.3			48.5			23.6			24.2		
Potassium	828			1100			1480			370			422		
Selenium	< 0.211	UJ	g	< 0.197	UJ	g	< 0.245	UJ	g	< 0.209	UJ	g	< 0.226	UJ	g
Silver	< 0.497			< 0.496			1.23			< 0.495			< 0.512		
Sodium	366			454			861			192			223		
Thallium	< 0.272			< 0.253			< 0.315			< 0.269			< 0.290		
Vanadium	25.3			23.3			28.5			16.5			18.1		
Zinc	113	J	c	106	J	c	302	J	c	73.9	J	c	67	J	c

Qualifiers:

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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Metals

Sample Number	M-010B-000			M-011A-000			M-011A-004			M-012B-000		
Date Sampled	11/28/90			05/16/91			05/28/91			12/1/90		
Depth of Sample	0.5 ft			0.0 ft			2.0 ft			0.5 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	4380			7190	J	c	4470	J	c	3770		
Antimony	< 1.9			2.5	J	c	< 2.2	UJ	c	< 1.9		
Arsenic	4.5			3.44			1.32			4.5		
Barium	34.2			61.4			32.2	J	c	26.3		
Beryllium	< 0.16			0.734			0.353	J	c	< 0.17		
Cadmium	< 0.37			2.82			< 0.266			< 0.37		
Calcium	1830			6950	J	c	6500	J	c	2120		
Chromium	32.1			43.2	J	c	26.4	J	c	27		
Cobalt	5.5			7.55			4.23			4.5		
Copper	5.7			18.2	J	c	4.63			6.4		
Iron	8530			12300	J	c	7920	J	c	7610		
Lead	5.9			186			4.19			24.8		
Magnesium	2620			3380			2550			2370		
Manganese	111			208			110	J	c	111		
Mercury	< 0.07			0.257	J	c	< 0.053			< 0.071		
Nickel	28.6			31.1	J	c	24.1			22.3		
Potassium	723			1150			522			535		
Selenium	< 1.1			< 0.209	UJ	c	< 0.211			< 1.0		
Silver	0.9			0.878			0.556			< 0.75		
Sodium	381			320	J	c	278			314		
Thallium	< 0.12			< 0.269			< 0.272	UJ	g	< 0.12		
Vanadium	18.3			27.9			20.2			17.3		
Zinc	24.3			101	J	c	16.5			66.4		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples from Late Pleistocene and Holocene Alluvial/Eolian Deposits and Holocene Bay Mud - Metals

Sample Number	**M-013C-070**			**M-020B-058**			**M-021C-092**		
Date Sampled	**05/24/91**			**05/20/91**			**05/16/91**		
Depth of Sample	**70.0 ft**			**57.0 ft**			**92.0 ft**		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)									
Aluminum	8040	J	c	4910	J	c	26100	J	c
Antimony	2.3	J	c	< 2.9			7	J	c
Arsenic	0.93			2.07			18.1		
Barium	145	J	c	10.3	J	c	50.7		
Beryllium	1.28	J	c	0.408			2.78		
Cadmium	< 0.267			< 0.350			< 0.450		
Calcium	2550	J	c	2280	J	c	3980	J	c
Chromium	46.3	J	c	27.7	J	c	91.7	J	c
Cobalt	9.15			5.56			21.6		
Copper	5.18			4.4	J	c	53.7	J	c
Iron	15000	J	c	8850	J	c	45000	J	c
Lead	2.45			2.53			11.3	J	g
Magnesium	4660			2550			14900		
Manganese	246	J	c	87.1	J	c	350		
Mercury	< 0.059			< 0.053			0.193	J	c
Nickel	50.4			21.5			107	J	c
Potassium	852			865			3560		
Selenium	< 0.233			< 0.250	UJ	c	< 0.310	UJ	c,g
Silver	0.496			< 0.571			1.11		
Sodium	2670			1110			2080	J	c
Thallium	< 0.299	UJ	g	< 0.322			< 0.399		
Vanadium	30.9			20			86.1		
Zinc	23.8			21.6			89.8	J	c

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Metals

Sample Number	M-024E-019		
Date Sampled	05/06/91		
Depth of Sample	17.2 ft		
Parameters Reported	Results	Val	Com
Metals (mg/kg-Dry)			
Aluminum	8490	J	c
Antimony	< 3.1		
Arsenic	1.53		
Barium	49.7		
Beryllium	0.747		
Cadmium	0.415	J	c
Calcium	2860	J	c
Chromium	26.1	J	c
Cobalt	7.07		
Copper	16.7	J	c
Iron	13800	J	c
Lead	3.76	J	c
Magnesium	3490		
Manganese	245	J	c
Mercury	< 0.113		
Nickel	29.2		
Potassium	1080		
Selenium	< 0.234	UJ	g
Silver	< 0.596		
Sodium	1570		
Thallium	< 0.300		
Vanadium	25.2		
Zinc	41.1	J	c

Qualifiers:

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UJ = Qualified, estimated not detected
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Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Metals

Sample Number	M-023E-025			M-024A-000			M-024A-003			M-024E-010		
Date Sampled	05/08/91			05/03/91			05/03/91			05/06/91		
Depth of Sample	20.0 ft			0.0 ft			1.0 ft			10.0 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	4580	J	c	6880	J	c	3890	J	c	3550	J	c
Antimony	< 2.9			< 2.6			< 2.6			< 3.0		
Arsenic	2.17			3.26			3.09			2		
Barium	26.8			102			30.9			34.4		
Beryllium	1.04			0.174			0.203			< 0.155		
Cadmium	< 0.352			7.93	J	c	< 0.314	J	c	2.93		
Calcium	1940	J	c	17200	J	c	2460	J	c	2740	J	c
Chromium	26.7	J	c	38.9	J	c	23	J	c	37.5	J	c
Cobalt	5.28			6.17			4.57			4.64		
Copper	12.2	J	c	57.4	J	c	4.37	J	c	22.1	J	c
Iron	8570	J	c	10500	J	c	6610	J	c	8060	J	c
Lead	6.17	J	c	136	J	c	147	J	c	77.2	J	c
Magnesium	2910			3150			2250			2060		
Manganese	119	J	c	231	J	c	80.7	J	c	96.1	J	c
Mercury	< 0.116			0.425			1.71			0.169		
Nickel	24.5			33			23.1			43.7		
Potassium	800			770			544			597		
Selenium	< 0.223	UJ	g	< 0.192	UJ	g	< 0.217	UJ	g	< 0.249	UJ	g
Silver	< 0.574			< 0.507			< 0.513			< 0.585		
Sodium	1960			1070			548			883		
Thallium	< 0.287			< 0.247			< 0.279			< 0.320		
Vanadium	19.2			20.9			15.5			15.6		
Zinc	27	J	c	158	J	c	15.7	J	c	64	J	c

Qualifiers:

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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Re[illegible] for Soil Samples in Fill - Metals

Sample Number	M-022B-000			M-022E-035			M-023A-000			M-023A-004		
Date Sampled	05/03/91			05/09/91			05/03/91			05/07/91		
Depth of Sample	0.0 ft			32.0 ft			0.0 ft			3.5 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	10900	J	c	2420	J	c	11700	J	c	8130	J	c
Antimony	< 2.8			< 2.5			< 2.6			< 2.8		
Arsenic	4.06			2.38			5.52			6.79		
Barium	42.5			70			48.8			65.6		
Beryllium	0.484			1.09			0.458			2.6		
Cadmium	1.24	J	c	< 0.300			1.63	J	c	1.69	J	c
Calcium	2750	J	c	2290	J	c	3470	J	c	7210	J	c
Chromium	61.3	J	c	5.44	J	c	61.7	J	c	31.2	J	c
Cobalt	10.2			3.76			11.5			8.41		
Copper	31.9	J	c	7.11			35.4	J	c	39.9	J	c
Iron	19000	J	c	11200	J	c	20600	J	c	30000	J	c
Lead	33.4	J	c	6.32	J	c	47.1	J	c	55.9	J	c
Magnesium	6600			1260	J	c	7070			4370		
Manganese	230	J	c	125	J	c	323	J	c	356	J	c
Mercury	0.532			2.61			0.351			0.194		
Nickel	54.1			11.3			57.4			31.4		
Potassium	1780			1780			2070			836		
Selenium	< 0.215	UJ	g	< 0.233	UJ	c,g	< 0.219	UJ	g	< 0.222	UJ	g
Silver	0.573			0.566	J	c	0.733			< 0.538		
Sodium	883			1760			1090			1230		
Thallium	< 0.276			< 0.300	UJ	g	< 0.282			< 0.285		
Vanadium	41.5			10.5			42			28.7		
Zinc	82.4			29.5			100	J	c	82	J	c

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Metals

Sample Number	M-021C-000			M-021E-034			M-022A-005			Duplicate M-022A-005		
Date Sampled	05/03/91			05/14/91			05/10/91			05/10/91		
Depth of Sample	0.0 ft			34.0 ft			2.0 ft			2.0 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	7570			3630	J	c	8490	J	c	9590	J	c
Antimony	< 2.6			< 2.9			4.3			< 2.9		
Arsenic	3.92			3.07			3.89			3.44		
Barium	30.1			18.4	J	c	63			85.6		
Beryllium	0.87			0.581			1.3	J	c	0.897	J	c
Cadmium	0.817			< 0.346			1.31			8.55		
Calcium	2710			2990	J	c	4210	J	c	16600	J	c
Chromium	41.2			19.9	J	c	40.4	J	c	52.3	J	c
Cobalt	8.24			6.23			9.3			13.9		
Copper	19.6			4.32	J	c	20.9			40.9		
Iron	13300			7770	J	c	14500	J	c	15400	J	c
Lead	20.1			4.88			51.2	J	c	248	J	c
Magnesium	4650			1920			4660	J	c	5030	J	c
Manganese	194			139	J	c	175	J	c	241	J	c
Mercury	0.199			0.102			2.55			0.203		
Nickel	40.6			16.6			41.4			51.3		
Potassium	1310			904			1210			1100		
Selenium	< 0.211	UJ	g	< 0.252	UJ	c	< 0.245	UJ	c,g	< 0.239	UJ	c,g
Silver	< 0.517			< 0.565			0.649	J	c	1.13	J	c
Sodium	490			585			1820			1520		
Thallium	< 0.271			< 0.323			< 0.315	UJ	g	< 0.307	UJ	g
Vanadium	28.4			15.4			29.9			33.5		
Zinc	71.2			22.4			61.2			212		

Qualifiers:

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Metals

Sample Number	M-020A-004			M-020B-000			M-020E-033			M-021A-005		
Date Sampled	05/16/91			05/03/91			05/16/91			05/15/91		
Depth of Sample	3.0 ft			0.0 ft			32.0 ft			3.0 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	5570			10600	J	c	5220	J	c	5960	J	c
Antimony	< 2.6			< 2.5			< 3.0	UJ	c	< 2.6		
Arsenic	1.54			3.73			1.85			2.46		
Barium	26			42.2			17.9			25.4	J	c
Beryllium	0.486			0.326			0.36			0.789		
Cadmium	0.58			1.78	J	c	< 0.363			0.41		
Calcium	2500			2960	J	c	2280	J	c	2610	J	c
Chromium	35.4			53.6	J	c	32.7	J	c	34.1	J	c
Cobalt	5.79			9.41			6.05			5.71		
Copper	6.32			26.1	J	c	5.23	J	c	9.06	J	c
Iron	9390			17600	J	c	9500	J	c	10700	J	c
Lead	3.26			26.4	J	c	2.29			6.56		
Magnesium	3310			6030			3220			3230		
Manganese	115			231	J	c	109			125	J	c
Mercury	< 0.102	UJ	c	0.147			< 0.117	UJ	c	< 0.049		
Nickel	30.3			50.7			31.6	J	c	28.8		
Potassium	810			1690			794			909		
Selenium	< 0.214	UJ	c	< 0.190	UJ	g	< 0.253	UJ	c	< 0.225	UJ	c
Silver	0.639			< 0.482			0.619			0.576		
Sodium	485			549			709	J	c	524		
Thallium	< 0.276			< 0.245			< 0.326			< 0.289		
Vanadium	23.3			36.8			21.7			25.3		
Zinc	20.6			72.6	J	c	24.3	J	c	31.5		

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Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Metals

Sample Number	Duplicate M-018E-046			M-019A-000			M-019E-004			M-019E-034		
Date Sampled	05/21/91			05/03/91			05/20/91			05/20/91		
Depth of Sample	45.0 ft			0.0 ft			4.0 ft			34.0 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	8880	J	c	8200	J	c	5160	J	c	4640	J	c
Antimony	< 2.8			< 2.5			< 2.4			< 2.9		
Arsenic	2.48			3.52			2.03			1.91		
Barium	76.5	J	c	38.1			25.4	J	c	17.8	J	c
Beryllium	1.22			0.792			0.737			0.516		
Cadmium	< 0.335			2.93	J	c	4.46			< 0.345		
Calcium	1740	J	c	2370	J	c	6770	J	c	2320	J	c
Chromium	40.7	J	c	46.1	J	c	29.9	J	c	29.5	J	c
Cobalt	8.02			9.73			5.16			4.42		
Copper	8.87	J	c	22.9	J	c	7.46	J	c	14	J	c
Iron	14500	J	c	15500	J	c	9510	J	c	8090	J	c
Lead	3.71			26.6	J	c	6.86			2.13		
Magnesium	3590			5350			2790			2360		
Manganese	195	J	c	232	J	c	132	J	c	87	J	c
Mercury	< 0.058			0.143	J	c	< 0.052			< 0.045		
Nickel	44.6			45.4			26.8			23.5		
Potassium	1070			1500			678			792		
Selenium	< 0.235	UJ	c,g	< 0.212	UJ	g	< 0.219	UJ	c	< 0.247	UJ	c
Silver	< 0.547			0.569			0.493			< 0.563		
Sodium	2350			934			498			1090		
Thallium	< 0.302			< 0.273			< 0.282			< 0.318		
Vanadium	29			32.9			21.7			20.8		
Zinc	26.3			68.4	J	c	25.3			22.5		

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Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Metals

Sample Number	M-017A-005			M-018A-000			M-018A-006			M-018E-046		
Date Sampled	05/22/91			05/03/91			05/22/91			05/21/91		
Depth of Sample	5.0 ft			0.0 ft			3.0 ft			45.0 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	5980	J	c	6550	J	c	4750	J	c	9090	J	c
Antimony	< 2.5			< 2.6			< 2.6			< 2.9		
Arsenic	2.5			4.09			1.68			2.39		
Barium	27	J	c	34.5			15.6	J	c	20.6	J	c
Beryllium	0.894			0.873			0.46			0.846		
Cadmium	< 0.299			3.06	J	c	< 0.309			< 0.345		
Calcium	2820	J	c	2020	J	c	2780	J	c	2360	J	c
Chromium	31.6	J	c	40.9	J	c	30.7	J	c	46.3	J	c
Cobalt	7.02			8.82			4.99			11.7		
Copper	5.33	J	c	21.5	J	c	4.63	J	c	9.11	J	c
Iron	10900	J	c	12800	J	c	8900	J	c	11700	J	c
Lead	3.16			28.2	J	c	2.41			2.96		
Magnesium	3390			4570			2510			3780		
Manganese	146	J	c	200	J	c	108	J	c	130	J	c
Mercury	< 0.052			0.21			< 0.048			< 0.059		
Nickel	31.6			40.1			24.9			41.5		
Potassium	713			1400			516			1330		
Selenium	< 0.215	UJ	c	< 0.214	UJ	g	< 0.216	UJ	c	< 0.246		
Silver	< 0.488			< 0.503			< 0.505			< 0.563		
Sodium	548			829			373			2390		
Thallium	< 0.277			< 0.275			< 0.278			< 0.316		
Vanadium	27.3			28			24.3			35.5		
Zinc	24.7			62.4	J	c	19.3			29		

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Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Metals

Sample Number	M-015A-005			M-016A-000			M-016A-004			M-017A-000		
Date Sampled	05/28/91			05/16/91			05/22/91			05/16/91		
Depth of Sample	2.0 ft			0.0 ft			4.0 ft			0.0 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	5030	J	c	12100	J	c	4610	J	c	10800	J	c
Antimony	< 2.5	UJ	c	< 2.6	UJ	c	< 2.4			3.6	J	c
Arsenic	0.936			5.45			2.25			4.37		
Barium	36	J	c	46.5			18.7	J	c	45		
Beryllium	0.517	J	c	0.969			0.464			0.695		
Cadmium	< 0.302			0.675			< 0.286			0.924		
Calcium	2070	J	c	4320	J	c	2500	J	c	4290	J	c
Chromium	28.9	J	c	57.5	J	c	29	J	c	49.8	J	c
Cobalt	5.14			9.56			6.08			9.54		
Copper	5.21			26	J	c	4.66	J	c	22.2	J	c
Iron	8400	J	c	19300	J	c	8800	J	c	18200	J	c
Lead	2.2			24.5			4.02			22.7		
Magnesium	2640			6320			2740			6160		
Manganese	96.9	J	c	229			117	J	c	239		
Mercury	< 0.051			0.374	UJ	c	< 0.052			0.328	J	c
Nickel	26.4			49.6	J	c	25.8			46.6	J	c
Potassium	854			1810			675			1720		
Selenium	< 0.198	UJ	c	< 0.218	UJ	c,g	< 0.215	UJ	c	< 0.219	UJ	c,g
Silver	< 0.493			0.952			< 0.468			0.998		
Sodium	624			2040	J	c	394			773	J	c
Thallium	< 0.255			< 0.281			< 0.276			< 0.282		
Vanadium	20			38.9			20.5			36.6		
Zinc	17.5			71.1	J	c	21.9			61.9	J	c

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Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Metals

Sample Number	M-013A-003			M-013C-000			M-014B-000			M-015A-000		
Date Sampled	05/28/91			05/16/91			12/1/90			05/16/91		
Depth of Sample	1.5 ft			0.0 ft			0.5 ft			0.0 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	4000	J	c	5260	J	c	3590			4920	J	c
Antimony	< 2.4	UJ	c	< 2.5	UJ	c	< 1.8			< 2.6	UJ	c
Arsenic	1.23			2.64			4.9			2.75		
Barium	44.7	J	c	26.7			25.8			41		
Beryllium	0.666	J	c	0.48			< 0.15			0.42		
Cadmium	< 0.289			0.457			0.72			< 0.306		
Calcium	1900	J	c	3070	J	c	2020			2280	J	c
Chromium	27.7	J	c	33	J	c	27.3			25.8	J	c
Cobalt	4.39			6.43			4.4			6.52		
Copper	4.67			8.16	J	c	7.9			9.47	J	c
Iron	7880	J	c	9860	J	c	6730			9760	J	c
Lead	2.79			11.6			48.2			19.8		
Magnesium	2230			2900			2070			2600		
Manganese	89.9	J	c	162			100			173		
Mercury	< 0.053			0.166	J	c	< 0.067			< 0.092	UJ	c
Nickel	23.1			26.7	J	c	21.8			23.5	J	c
Potassium	561			861			489			1060		
Selenium	< 0.208	UJ	c	< 0.209	UJ	c	< 1.1			< 0.214	UJ	c
Silver	< 0.472			0.644			< 0.70			< 0.499		
Sodium	226			266	J	c	295			376	J	c
Thallium	< 0.267			< 0.268			< 0.12			< 0.275		
Vanadium	20.6			22.7			17.2			20.2		
Zinc	14.7			104	J	c	42.1			49.3	J	c

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Table 2 - Site 2 - Analytical Results for Wetland Sediment Samples - Metals

Sample Number	312SD		
Date Sampled	05/30/91		
Parameter Reported	0.0 ft		
	Results	Val	Com
Metals (mg/kg-Dry)			
Aluminum	3850	J	c
Antimony	< 4.0	UJ	c
Arsenic	4.28		
Barium	18	J	c
Beryllium	0.743	J	c
Cadmium	< 0.484		
Calcium	2420	J	c
Chromium	26.4	J	c
Cobalt	8.32		
Copper	6.1		
Iron	10400	J	c
Lead	15.3		
Magnesium	3840		
Manganese	153	J	c
Mercury	0.238		
Nickel	31.3		
Potassium	1090		
Selenium	< 0.381	UJ	c
Silver	< 0.790		
Sodium	6420		
Thallium	< 0.489	UJ	g
Vanadium	16.5		
Zinc	27.5		

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Table 2 - Site 2 - Analytical Results for Wetland Sediment Samples - Metals

Sample Number	309SD			310SD			Duplicate 310SD			311SD		
Date Sampled	05/30/91			05/30/91			05/30/91			05/30/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	23900	J	c	20600	J	c	27600	J	c	3980	J	c
Antimony	< 4.7	UJ	c	4.4	J	c	< 4.6	UJ	c	< 2.7	UJ	c
Arsenic	7.37			5.84			11.7			0.858		
Barium	54.1	J	c	80.3	J	c	95.2	J	c	14.9	J	c
Beryllium	1.64	J	c	1.35	J	c	1.77	J	c	0.416	J	c
Cadmium	2.08			0.952			0.984			< 0.328		
Calcium	4170	J	c	12300	J	c	7400	J	c	2000	J	c
Chromium	101	J	c	91.4	J	c	119	J	c	25.6	J	c
Cobalt	16.7			14.9			20.3			5.03		
Copper	63.1			58.7			73.2			4.44		
Iron	35600	J	c	36000	J	c	44300	J	c	7450	J	c
Lead	52.2			53.8			68.2			4.02		
Magnesium	13400			17300			17200			2610		
Manganese	308	J	c	675	J	c	703	J	c	86.2	J	c
Mercury	0.345			0.48			0.598			< 0.055		
Nickel	89.6			80.5			102			25.1		
Potassium	4530			4970			5580			713		
Selenium	< 0.331	UJ	c,g	< 0.324	UJ	c,g	< 0.375	UJ	c,g	< 0.205	UJ	c
Silver	1.65			1.37			2.05			< 0.535		
Sodium	14500			15800			16100			1360		
Thallium	< 0.425	UJ	g	< 0.417	UJ	g	< 0.482	UJ	g	< 0.263		
Vanadium	72.6			64.2			83.4			18.7		
Zinc	180			191			218			15.7		

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Table 2 - Site 2 - Analytical Results for Wetland Sediment Samples - Metals

Sample Number	305SD			306SD			307SD			308SD		
Date Sampled	05/31/91			05/30/91			05/30/91			05/30/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	17400	J	c	10200	J	c	20000	J	c	6950	J	c
Antimony	< 4.3	UJ	c	< 2.9	UJ	c	< 4.3	UJ	c	< 3.1	UJ	c
Arsenic	9.03			4.58			7.88			1.92		
Barium	52.9	J	c	43.9	J	c	60.1	J	c	35.9	J	c
Beryllium	2	J	c	0.771	J	c	0.79	J	c	0.249	J	c
Cadmium	0.765			< 0.352			< 0.520			0.399		
Calcium	6280	J	c	2700	J	c	8810	J	c	12300	J	c
Chromium	75.1	J	c	51.7	J	c	86	J	c	34.3	J	c
Cobalt	14.2			9.26			13.3			5.7		
Copper	45.3			14.4			53.7			13.5		
Iron	31200	J	c	17500	J	c	33900	J	c	11200	J	c
Lead	37			32.6			47.6			7.59		
Magnesium	12800			5930			14400			8810		
Manganese	471	J	c	178	J	c,g	500	J	c	633	J	c
Mercury	0.641			0.109			0.499			< 0.064		
Nickel	76.1			53.9			74.4			31		
Potassium	4230			1650			4090			1520		
Selenium	< 0.328	UJ	c,g	< 0.223	UJ	g	< 0.303	UJ	c,g	< 0.248	UJ	c,g
Silver	0.841			0.653			1.1			< 0.600		
Sodium	22600			4640			18400			9470		
Thallium	< 0.421	UJ	g	< 0.287	UJ	g	< 0.389	UJ	g	< 0.319	UJ	g
Vanadium	61.6			33.2			64.6			23.8		
Zinc	111			42.6			126			37.4		

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Table 2 - Site 2 - Analytical Results for Wetland Sediment Samples - Metals

Sample Number	301SD			302SD			303SD			304SD		
Date Sampled	05/31/91			05/31/91			05/31/91			05/31/91		
Parameter Reported	0.0 ft			0.0 ft			0.0 ft			0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	5740	J	c	14900	J	c	18100	J	c	21800	J	c
Antimony	< 2.5	UJ	c	4.1	J	c	< 3.3	UJ	c	< 4.0	UJ	c
Arsenic	0.518			2.62			4.33			4.8		
Barium	22	J	c	53.3	J	c	54.7	J	c	49.1	J	c
Beryllium	1.03	J	c	2.46	J	c	1.62	J	c	1.55	J	c
Cadmium	< 0.305			< 0.473			< 0.391			1.12		
Calcium	2360	J	c	5650	J	c	3310	J	c	6700	J	c
Chromium	32.6	J	c	72.7	J	c	82.7	J	c	90.1	J	c
Cobalt	5.37			11.1			14.4			15.3		
Copper	10.3			42.2			47.9			56.5		
Iron	10400	J	c	24400	J	c	30800	J	c	33500	J	c
Lead	2.91			32.7			46.9			54.2		
Magnesium	4140			12500			11000			16400		
Manganese	126	J	c	478	J	c	267	J	c	536	J	c
Mercury	< 0.048			0.316			0.448			0.521		
Nickel	30.8			58.9			71.7			83.4		
Potassium	1200			3510			3780			4150		
Selenium	< 0.222			< 0.307	UJ	c,g	< 0.285	UJ	c,g	< 0.371	UJ	c,g
Silver	< 0.498			1.52			1.16			1.4		
Sodium	4650			12000			10700			17200		
Thallium	< 0.286	UJ	g	< 0.395	UJ	g	< 0.366	UJ	g	< 0.477	UJ	g
Vanadium	22.7			53			58.8			69.9		
Zinc	28			90.6			119			140		

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Table 2 - Site 1 - Analytical Results for Late Pleistocene and Holocene Alluvial/Eolian Deposits - Metals

Sample Number	**M-027C-090**		
Date Sampled	**05/31/91**		
Depth of Sample	**88.0 ft**		
Parameter Reported	Results	Val	Com
Metals (mg/kg-Dry)			
Aluminum	12100	J	c
Antimony	3.7	J	c
Arsenic	3.49		
Barium	81.3	J	c
Beryllium	1.99	J	c
Cadmium	< 0.331		
Calcium	3680	J	c
Chromium	57	J	c
Cobalt	11.2		
Copper	18.7		
Iron	20600	J	c
Lead	5.35		
Magnesium	7560		
Manganese	228	J	c
Mercury	0.063		
Nickel	60.8		
Potassium	2520		
Selenium	< 0.264	UJ	c,g
Silver	0.722		
Sodium	1840		
Thallium	< 0.340		
Vanadium	43.2		
Zinc	44.5		

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b = surrogate spike
c = matrix spike
d = holding time

Table 2 - Site 1 - Analytical Results for Late Pleistocene and Holocene Alluvial/Eolian Deposits - Metals

Sample Number	M-001B-057			M-007C-078			Duplicate M-007C-078			M-025C-080		
Date Sampled	05/10/91			06/03/91			06/03/91			05/22/91		
Depth of Sample	57.0 ft			78.0 ft			78.0 ft			80.0 ft		
Parameter Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	5750	J	c	3790	J	c	4260	J	c	17400	J	c
Antimony	< 3.0			< 3.1			< 2.5			3.5		
Arsenic	1.63			3.16			1.81	J	g	13.4		
Barium	36.5			16.3			17.2			82.6	J	c
Beryllium	0.918	J	c	1.14			1.05			2.15		
Cadmium	< 0.356			< 0.376			< 0.303			< 0.302		
Calcium	1820	J	c	1550			1760			3180	J	c
Chromium	39.6	J	c	27.4			30.5			70.8	J	c
Cobalt	7.61			5.96			6.19			12.7		
Copper	6.58			4.15			4.55			39.9	J	c
Iron	12600	J	c	8290	J	c	10500	J	c	26500		
Lead	2.11	J	c	1.77	J	g	1.86	J	g	5.65	J	c
Magnesium	3480			3640			3410			9070		
Manganese	163	J	c	117	J	c	350	J	c	210	J	c
Mercury	< 0.117			< 0.122			< 0.117			0.145		
Nickel	39.6			36.6	J	c	33.9	J	c	58		
Potassium	850			405			777			3330		
Selenium	< 0.253	UJ	c,g	< 0.240	UJ	c,g	< 0.249	UJ	c,g	< 0.234	UJ	c,g
Silver	< 0.581	UJ	c	< 0.613			< 0.495			0.558		
Sodium	1740			1490			1390			1300		
Thallium	< 0.326			< 0.308			< 0.320			< 0.301		
Vanadium	30.7			20.1	J	c	24.5	J	c	54		
Zinc	24.6			17.6			18.2			69.7		

Qualifiers:

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Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - Metals

Parameter Reported	M-029A-000 04/24/91 0.0 ft			M-029A-004 04/29/91 4.0 ft			M-029E-002 04/29/91 2.0 ft			Duplicate M-029E-002 04/29/91 2.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	7780	J	c	17100	J	c	4680	J	c	4320	J	c
Antimony	< 2.5			7.4			8.2			< 2.4		
Arsenic	2.91			11.4			2.07			1.88		
Barium	58.7			86.8			51.6			37.6		
Beryllium	0.751			1.53			0.629			0.186		
Cadmium	0.471	J	c	35	J	c	11.7	J	c	11.4	J	c
Calcium	3280	J	c	10900	J	c	3370	J	c	2440	J	c
Chromium	35.6			345	J	c	51.1	J	c	53.7	J	c
Cobalt	7.76			17.1			5.05			4.65		
Copper	17.8			1560			81.5			47.9	J	c
Iron	13000			42200			12300			8570	J	c
Lead	33.5			498	J	c	171	J	c	80.6	J	c
Magnesium	3040			4040			2230			2070		
Manganese	269			478	J	c	212	J	c	138	J	c
Mercury	0.113			0.953			0.357			0.606		
Nickel	32.4			431			36			31.7		
Potassium	894			713			640			632		
Selenium	< 0.228	UJ	g	< 0.226	UJ	g	< 0.221	UJ	g	< 0.225	UJ	g
Silver	< 0.488			2.14			1.29			0.741		
Sodium	459			435			333			283		
Thallium	< 0.293			< 0.291			< 0.284			< 0.289		
Vanadium	29.7			20.7			21.1			20		
Zinc	58			1500	J	c	408	J	c	125	J	c

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Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - Metals

Parameter Reported	M-027E-019 05/13/91 16.5 ft			M-028A-000 04/25/91 0.0 ft			M-028A-007 04/30/91 2.5 ft			M-028E-006 05/01/91 3.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	7160	J	c	3040	J	c	23500	J	c	91600	J	c
Antimony	< 3.0			< 2.5			22			42		
Arsenic	2.19			2.52			14.1			9.15		
Barium	54.8	J	c	23			551			322		
Beryllium	1.14			< 0.130			2.49			3		
Cadmium	< 0.358			< 0.300	J	c	55.1	J	c	92.7	J	c
Calcium	3110	J	c	6550	J	c	14600	J	c	20600	J	c
Chromium	44	J	c	24.4	J	c	174	J	c	89.5	J	c
Cobalt	7.55			3.89			12.2			11		
Copper	8.3	J	c	5.52	J	c	1760			6210		
Iron	12600	J	c	7140	J	c	68300			99400		
Lead	3.34			44.1			1190	J	c	875	J	c
Magnesium	3320			1760			2970			2500		
Manganese	128	J	c	116	J	c	941	J	c	1110	J	c
Mercury	< 0.056			< 0.088			0.554			0.334		
Nickel	40.2			18			116			120		
Potassium	1070			385			834			478		
Selenium	< 0.266	UJ	c	< 0.206	UJ	g	< 0.233	UJ	g	< 0.267	UJ	g
Silver	< 0.585			< 0.490			16			21.8		
Sodium	1380			238			744			1230		
Thallium	< 0.343			< 0.265			< 0.300			< 0.343		
Vanadium	31.5			14.8			37.1			42.8		
Zinc	29			37.8	J	c	2510	J	c	2060	J	c

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Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - Metals

Parameter Reported	Duplicate M-026E-020 05/02/91 15.0 ft			M-027A-003 05/13/91 0.5 ft			M-027B-005 04/29/91 5.5 ft			M-027C-000 04/25/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	2990	J	c	8840	J	c	6790	J	c	4990	J	c
Antimony	< 2.7			8.3			3			< 2.4		
Arsenic	1.58			4.13			7.21			2.61		
Barium	16.7			238	J	c	62.3			524		
Beryllium	0.491			1.43			0.721			0.171		
Cadmium	< 0.327			16.6			9.68	J	c	2.01	J	c
Calcium	3190	J	c	4570	J	c	2990	J	c	5100	J	c
Chromium	22.1	J	c	57.9	J	c	45.9	J	c	32	J	c
Cobalt	4.12			6.37			7.46			5.37		
Copper	4.45	J	c	270	J	c	507	J	c	66.9		
Iron	5270	J	c	17300	J	c	25100	J	c	8510	J	c
Lead	3.73	J	c	261			159	J	c	46.2	J	c
Magnesium	1700			2760			1910			3060		
Manganese	67.6	J	c	258	J	c	711			149	J	c
Mercury	< 0.106			9.57			0.575			0.192		
Nickel	17			41.2			44			31.1		
Potassium	542			762			586			682		
Selenium	< 0.240			< 0.222	UJ	c,g	< 0.249	UJ	g	< 0.208		
Silver	< 0.534			2.1			4.64			< 0.470		
Sodium	914			375			311			351		
Thallium	< 0.309			< 0.286			< 0.320			< 0.267		
Vanadium	14.3			27.7			17.7			21.6		
Zinc	17.2	J	c	555			332	J	c	87.3	J	c

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Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - Metals

Parameter Reported	M-025E-022 05/24/91 22.0 ft			M-026A-000 04/25/91 0.0 ft			M-026A-004 05/02/91 2.0 ft			M-026E-020 05/02/91 15.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	5720	J	c	4890	J	c	9190	J	c	3500	J	c
Antimony	2.8	J	c	< 2.6			< 2.5			< 3.0		
Arsenic	1.28			2.09			2.82			1.62		
Barium	57.4	J	c	39.8			89.4			19.8		
Beryllium	1.1	J	c	< 0.136			0.542			0.519		
Cadmium	< 0.307			0.385	J	c	0.469	J	c	< 0.359		
Calcium	2300	J	c	3520	J	c	3120	J	c	2240	J	c
Chromium	34.7	J	c	22.4	J	c	35.4	J	c	21.8	J	c
Cobalt	5.84			5.49			9.17			4.52		
Copper	6.33			11.8	J	c	17.1	J	c	4.24	J	c
Iron	10100	J	c	8450	J	c	14000	J	c	5910	J	c
Lead	3.74			28.5	J	c	7.39	J	c	3.93	J	c
Magnesium	3390			3150			3830			1830		
Manganese	121	J	c	157	J	c	229			69.6		
Mercury	< 0.058			< 0.102			< 0.109			< 0.114		
Nickel	31.1			19.2			44.9			19.5		
Potassium	974			992			1270			604		
Selenium	< 0.258	UJ	c	< 0.200	UJ	g	< 0.217	UJ	g	< 0.236	UJ	g
Silver	0.593			< 0.511			< 0.483			< 0.586		
Sodium	1260			452			1550			962		
Thallium	< 0.332			< 0.257			< 0.279			< 0.304		
Vanadium	23.9			19			26.6			15.6		
Zinc	23.1			44.7	J	c	40.4	J	c	22	J	c

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Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - Metals

Parameter Reported	M-009A-000 05/16/91 0.0 ft			M-009A-003 05/30/91 2.0 ft			M-025A-004 05/24/91 4.0 ft			M-025C-000 04/25/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	6550	J	c	4180	J	c	6350	J	c	3540	J	c
Antimony	< 2.7	UJ	c	< 2.8	UJ	c	< 2.6	UJ	c	< 2.7		
Arsenic	2.25			1.1			1.74			3.51		
Barium	97			49.9	J	c	42	J	c	68.3		
Beryllium	0.499			0.676	J	c	0.968	J	c	0.644		
Cadmium	0.435			< 0.329			0.595			1.11	J	c
Calcium	4260	J	c	2370	J	c	3690	J	c	2630	J	c
Chromium	31.5	J	c	28	J	c	36.2	J	c	17.4	J	c
Cobalt	5.97			4.08			5.84			4.28		
Copper	18.1	J	c	5.96			19.4			21.9		
Iron	10600	J	c	7800	J	c	11600	J	c	6810	J	c
Lead	34.3			5.61			27.5			31.3		
Magnesium	3320			1970			3290			2330		
Manganese	204			90.3	J	c	160	J	c	172	J	c
Mercury	0.217	J	c	0.21			0.165			0.195		
Nickel	28.7	J	c	21.8			31			19.6		
Potassium	1140			609			951			713		
Selenium	< 0.217	UJ	c	< 0.213	UJ	c	< 0.199	UJ	c	< 0.203	UJ	g
Silver	0.661			0.582			0.665			< 0.520		
Sodium	516	J	c	241			851			293		
Thallium	< 0.279			< 0.273	UJ	g	< 0.255			< 0.261		
Vanadium	27			19.7			26.3			13.6		
Zinc	53.2	J	c	16.1			57.5			52.2	J	c

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Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - Metals

Parameter Reported	M-007A-000 05/17/91 0.0 ft			M-007A-004 05/29/91 1.0 ft			M-008A-000 05/17/91 0.0 ft			M-008A-004 05/29/91 0.5 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	7100	J	c	4450	J	c	4630	J	c	4480	J	c
Antimony	2.6	J	c	< 2.8	UJ	c	< 2.5	UJ	c	< 3.0	UJ	c
Arsenic	1.04	J	g	0.891			1.9			1.11		
Barium	33.5			11.2	J	c	31.6			30.5	J	c
Beryllium	0.819			0.51	J	c	0.3			0.92	J	c
Cadmium	< 0.304			< 0.333			0.325			< 0.355		
Calcium	4010	J	c	1990	J	c	2310	J	c	2100	J	c
Chromium	38.4	J	c	26.9	J	c	28.2	J	c	29.6	J	c
Cobalt	6.58			4.49			4.85			4.29		
Copper	5.25	J	c	3.11			7.76	J	c	5.09		
Iron	15500	J	c	8770	J	c	7970	J	c	8330	J	c
Lead	6.3			1.42			19.5			4.04		
Magnesium	3810			2280			2220			2440		
Manganese	195			109	J	c	109			98.3	J	c
Mercury	0.142	J	c	< 0.058			< 0.094	UJ	c	< 0.050		
Nickel	21	J	c	27.2			23.6	J	c	25.3		
Potassium	653			517			732			673		
Selenium	< 0.216	UJ	c	< 0.213	UJ	c	< 0.209	UJ	c	< 0.209	UJ	c
Silver	0.695			< 0.544			0.544			< 0.580		
Sodium	450	J	c	281			242	J	c	232		
Thallium	< 0.278			< 0.273			< 0.269			< 0.269		
Vanadium	23.2			19.6			20.9			21.2		
Zinc	24.1	J	c	14.4			27.5	J	c	17.3		

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Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - Metals

Parameter Reported	Duplicate M-005A-000 05/17/91 0.0 ft			M-005A-003 05/29/91 0.5 ft			M-006A-000 05/17/91 0.0 ft			M-006A-005 05/29/91 2.5 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	5590	J	c	10200	J	c	9530	J	c	6430	J	c
Antimony	< 2.5	UJ	c	2.8	J	c	3.1	J	c	2.7	J	c
Arsenic	8.88			3.31			8.93			1.12		
Barium	36.6			39	J	c	156			31.5	J	c
Beryllium	0.426			1.19	J	c	0.946			1.18	J	c
Cadmium	3.34			1.13			1.52			0.378		
Calcium	2960	J	c	7590	J	c	4080	J	c	3350	J	c
Chromium	26.5	J	c	23.1	J	c	39.5	J	c	28.1	J	c
Cobalt	5.93			7.58			7.58			5.12		
Copper	24.1	J	c	37.6			46.1	J	c	8.27		
Iron	10000	J	c	14300	J	c	27000	J	c	14900	J	c
Lead	94.6			27.4			165			7.7		
Magnesium	2870			4980			3580			2800		
Manganese	161			223	J	c	748			212	J	c
Mercury	0.134	J	c	0.046			2.71	J	c	0.233		
Nickel	25	J	c	23.3			27.5	J	c	25.6		
Potassium	770			780			1280			511		
Selenium	< 0.206	UJ	c,g	< 0.167	UJ	c,g	< 0.214	UJ	c,g	< 0.222	UJ	c
Silver	0.498			0.522			0.572			< 0.425		
Sodium	299	J	c	416			318	J	c	257		
Thallium	< 0.265			< 0.215			< 0.276			< 0.286		
Vanadium	24.2			37.3			41.6			27.8		
Zinc	71.7	J	c	41.8			191	J	c	72.2		

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Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - Metals

Parameter Reported	M-003A-005 05/23/91 5.0 ft			M-004A-000 05/17/91 0.0 ft			M-004A-004 05/28/91 2.0 ft			M-005A-000 05/17/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	3600	J	c	11000	J	c	8550	J	c	7640	J	c
Antimony	< 2.8			3.6	J	c	3.5	J	c	< 2.5	UJ	c
Arsenic	14			5.45			4.83			7.75		
Barium	32.7	J	c	56.5			30.1	J	c	42.8		
Beryllium	0.847			0.714			1.28	J	c	0.715		
Cadmium	< 0.334			0.721			< 0.381			2.9		
Calcium	24500	J	c	17400	J	c	97000	J	c	4190	J	c
Chromium	17.5	J	c	69.7	J	c	33.1	J	c	33.9	J	c
Cobalt	4.55			11.4			9.16			7.14		
Copper	25.7	J	c	28.3	J	c	15.6			25.4	J	c
Iron	5920	J	c	17300	J	c	14900	J	c	12400	J	c
Lead	12.6			63.5			14.6			94.7		
Magnesium	1480			8820			5630			3580		
Manganese	87.5	J	c	280			274	J	c	182		
Mercury	< 0.058			0.183	J	c	0.076			0.095		
Nickel	14			71.1	J	c	35.6			28.3	J	c
Potassium	572			1420			1170			908		
Selenium	< 0.240	UJ	c	< 0.209	UJ	c,g	< 0.231	UJ	c,g	< 0.209	UJ	c,g
Silver	< 0.546			0.803			< 0.623			< 0.482		
Sodium	387			385	J	c	1360			321	J	c
Thallium	< 0.309			< 0.268			< 0.298			< 0.269		
Vanadium	14.7			37.6			28.9			34.4		
Zinc	14.1			95	J	c	38.4			80.6	J	c

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h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - Metals

Parameter Reported	Duplicate M-002A-000 05/16/91 0.0 ft			M-002A-006 05/23/91 6.0 ft			M-002E-022 05/23/91 22.0 ft			M-003A-000 05/17/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	6530	J	c	8720	J	c	12200	J	c	11300	J	c
Antimony	2.6	J	c	< 2.6			< 3.1			3.1	J	c
Arsenic	3.33			5.91			6.74			41.1		
Barium	4700			124	J	c	43	J	c	97.5		
Beryllium	0.784			1.51			2.02			0.735		
Cadmium	1.75			0.848			< 0.372			2.55		
Calcium	5230	J	c	5750	J	c	30100	J	c	7100	J	c
Chromium	30.9	J	c	30.7	J	c	34.9	J	c	39.3	J	c
Cobalt	12.9			7.16			9.14			9.96		
Copper	31.2	J	c	81.5	J	c	20.8	J	c	57.6	J	c
Iron	12300	J	c	14900	J	c	18300	J	c	18200	J	c
Lead	110	J	g	34.3			11.6			116		
Magnesium	4270			4510	J	c	5920			5830		
Manganese	294			258			292	J	c	344		
Mercury	0.345	J	c	0.109			0.158			0.339	J	c
Nickel	29.7	J	c	31.3			33.1			41	J	c
Potassium	1150			979			2010			1290		
Selenium	< 0.209	UJ	c,g	< 0.221	UJ	c	< 0.310	UJ	c	< 0.206	UJ	c,g
Silver	2.09			0.706			< 0.607			0.96		
Sodium	330	J	c	386			5160			415	J	c
Thallium	< 0.268			< 0.284			< 0.398			< 0.265		
Vanadium	21.7			29			38			38.9		
Zinc	472	J	c	67.2			41.3			125	J	c

Qualifiers:

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a = method blank
b = surrogate spike
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Table 2 - Site 1 - Analytical Results for Soil Samples in Fill - Metals

Parameter Reported	M-001A-013 04/24/91 13.0 ft			M-001B-000 04/24/91 0.0 ft			M-001E-005 04/26/91 5.0 ft			M-002A-000 05/16/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (mg/kg-Dry)												
Aluminum	12800	J	c	6280	J	c	12400	J	c	8460	J	c
Antimony	600			< 2.6			31			4	J	c
Arsenic	98.1			1.77			29.1			4.17		
Barium	332			112			348			6990		
Beryllium	4.55			0.75			2.81			1.22		
Cadmium	42	J	c	0.477	J	c	54.9			2.23		
Calcium	9340	J	c	7150	J	c	11200	J	c	7050	J	c
Chromium	73	J	c	24.1	J	c	184	J	c	34	J	c
Cobalt	12.4			6.01			12.1			14		
Copper	1800	J	c	11.2	J	c	417	J	c	46.3	J	c
Iron	51900	J	c	11100	J	c	28500	J	c	15400	J	c
Lead	45700	J	c	20.4	J	c	9540	J	c	118		
Magnesium	6690			3600			5240			4830		
Manganese	1670	J	c	245	J	c	565	J	c	296		
Mercury	0.897			0.134			1.04			0.533		
Nickel	114			25			69.3			35.6	J	c
Potassium	1080			745			1950			1340		
Selenium	< 0.259	UJ	g	< 0.207	UJ	g	< 0.258	UJ	g	< 0.212	UJ	c,g
Silver	17.8			< 0.508			10.2			2.16		
Sodium	1020			361			1350			322	J	c
Thallium	< 0.333			< 0.266			< 0.332			< 0.272		
Vanadium	39.3			20.4			40.5			30		
Zinc	3300	J	c	46.7	J	c	1240	J	c	438	J	c

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Table 2 - Runway Area - Analytical Results for Late Pleistocene and Holocene Alluvial/Eolian Deposits - Metals

Sample Number	**M-104C-062**		
Date Sampled	**05/29/91**		
Depth of Sample	**62.0 ft**		
Parameter Reported	Results	Val	Com
Metals (Mg/Kg-Dry)			
Aluminum	7870	J	c
Antimony	< 2.6	UJ	c
Arsenic	1.72		
Barium	13.9	J	c
Beryllium	1.4	J	c
Cadmium	< 0.310		
Calcium	1880	J	c
Chromium	36.2	J	c
Cobalt	7.31		
Copper	10.6		
Iron	13300	J	c
Lead	3.08		
Magnesium	4230		
Manganese	122	J	c
Mercury	< 0.061		
Nickel	32.6		
Potassium	1280		
Selenium	< 0.203	UJ	c
Silver	0.573		
Sodium	1800		
Thallium	< 0.261		
Vanadium	27.7		
Zinc	25.1		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results for Soil in Fill - Metals

Sample Number	M-109A-007			M-110A-003			M-111A-000			M-111A-003		
Date Sampled	05/30/91			05/30/91			05/31/91			05/31/91		
Depth of Sample	5.5 ft			1.5 ft			0.5 ft			2.0 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (Mg/Kg-Dry)												
Aluminum	3270	J	c	6560	J	c	4420	J	c	4070	J	c
Antimony	< 2.4	UJ	c	2.6	J	c	< 2.5	UJ	c	< 2.6	UJ	c
Arsenic	0.917			1.09			0.435			0.92		
Barium	19.2	J	c	26.1	J	c	28.2	J	c	30.2	J	c
Beryllium	0.832		c	1.47		c	1.35		c	0.38		c
Cadmium	< 0.288			< 0.275			0.452			< 0.310		
Calcium	2260	J	c	3210	J	c	2320	J	c	1930	J	c
Chromium	22.7	J	c	24.4	J	c	23.4	J	c	26.2	J	c
Cobalt	3.49			6.38			7.3			4.18		
Copper	3.68			8.79			6.91			4.68		
Iron	6320	J	c	12700	J	c	12900	J	c	7890	J	c
Lead	2			3.19			3.01			2.5		
Magnesium	1870			3700			2800			2200		
Manganese	91.5	J	c	179	J	c	96.7	J	c	78.5	J	c
Mercury	< 0.050			< 0.049			< 0.051			< 0.052		
Nickel	18.5			22			17			22.1		
Potassium	453			660			674			680		
Selenium	< 0.180	UJ	c	< 0.215	UJ	c	< 0.179	UJ	c	< 0.222	UJ	c
Silver	< 0.470			0.476			< 0.490			0.557		
Sodium	394			267			338			444		
Thallium	< 0.231			< 0.277			< 0.231			< 0.285		
Vanadium	16.5			27.7			23.9			18.8		
Zinc	12			20			15			15		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results for Soil in Fill - Metals

Sample Number	M-108A-000			M-108B-000			M-37 (DUP)			M-109A-000		
Date Sampled	12/11/90			11/27/90			11/27/90			05/16/91		
Depth of Sample	5.5 ft			0.5 ft			0.5 ft			0.0 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (Mg/Kg-Dry)												
Aluminum	3260			6890			7480			8100	J	c
Antimony	< 2.2			< 1.9			< 1.8			< 2.6	UJ	c
Arsenic	5.3			15.6			9.4			1.46	J	g
Barium	18.2			62.7			64.5			76		
Beryllium	< 0.19			< 0.17			0.17			1.01		
Cadmium	2.5			< 0.38			< 0.36			< 0.313		
Calcium	1670			2280			2770			2380	J	c
Chromium	25.6			56.6			56.7			54.4	J	c
Cobalt	4.3			8			7			49.7		
Copper	6			13.8			14.1			18.6	J	c
Iron	6280			13900			13100			16700	J	c
Lead	1.6			4.7			5			5.63	J	g
Magnesium	1990			6270			5980			8080		
Manganese	79			370			362			435		
Mercury	< 0.083			0.09			< 0.06			< 0.104	UJ	c
Nickel	22			53.2			48			64.6	J	c
Potassium	429			968			1000			1100		
Selenium	< 0.30			< 2.5			< 1.3			< 0.217	UJ	c,g
Silver	< 0.85			< 0.76			< 0.72			1.36		
Sodium	224			353			450			325	J	c
Thallium	< 0.14			< 0.11			< 0.12			< 0.279		
Vanadium	13.5			16.3			16.8			20.3		
Zinc	13.5			28			26.6			33.2	J	c

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a = method blank
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e = LCS
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Table 2 - Runway Area - Analytical Results for Soil in Fill - Metals

Sample Number	M-106A-000			M-106A-003			M-107A-000			M-107A-002		
Date Sampled	05/16/91			06/03/91			05/16/91			06/03/91		
Depth of Sample	0.0 ft			2.0 ft			0.0 ft			0.5 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (Mg/Kg-Dry)												
Aluminum	4570	J	c	1760	J	c	4580	J	c	2230	J	c
Antimony	< 2.5	UJ	c	< 2.8			< 2.5	UJ	c	< 2.6		
Arsenic	1.69			1.66			1.68			1.56		
Barium	92.5			12.5			33.5			24.6		
Beryllium	0.246			0.609			0.263			0.531		
Cadmium	< 0.297			< 0.338			< 0.299			< 0.305		
Calcium	4510	J	c	816			2010	J	c	881		
Chromium	30.3	J	c	15.8			30.4	J	c	18		
Cobalt	4.69			3.67			4.35			3.63		
Copper	6.12	J	c	3.12			6.57	J	c	3.79		
Iron	8030	J	c	4500	J	c	8010	J	c	4910	J	c
Lead	7.22	J	g	1.83			24.4			3.49		
Magnesium	2400			1290			2380			1420		
Manganese	108			61	J	c	104			60.3	J	c
Mercury	< 0.097	UJ	c	< 0.103			< 0.098	UJ	c	< 0.100		
Nickel	29.5	J	c	17.1	J	c	23.8	J	c	18	J	c
Potassium	654			250			649			304		
Selenium	< 0.204	UJ	c, g	< 0.223	UJ	c, g	< 0.211	UJ	c	< 0.207	UJ	c,g
Silver	< 0.485			< 0.552			< 0.489			< 0.499		
Sodium	247	J	c	182			378	J	c	319		
Thallium	< 0.262			< 0.286			< 0.271			< 0.266		
Vanadium	22			10.5	J	c	21.7			12.2	J	c
Zinc	22.5	J	c	9.98			29.1	J	c	13.1		

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Table 2 - Runway Area - Analytical Results for Soil in Fill - Metals

Sample Number	M-104C-000			Duplicate M-104C-000			M-105A-000			M-105B-000		
Date Sampled	05/16/91			05/16/91			12/10/90			11/28/90		
Depth of Sample	0.0 ft			0.0 ft			5.5 ft			0.5 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (Mg/Kg-Dry)												
Aluminum	4050	J	c	2800	J	c	3340			4010		
Antimony	< 2.6	UJ	c	< 2.5	UJ	c	< 2.2			< 1.9		
Arsenic	2.1			2.26			4.7			8.1		
Barium	24.2			57.3			24.3			30.6		
Beryllium	0.336			0.619			< 0.19			< 0.16		
Cadmium	0.339			0.336			0.48			< 0.37		
Calcium	2440	J	c	1650	J	c	1490			2110		
Chromium	26.1	J	c	22.2	J	c	25.3			29.3		
Cobalt	4.87	J	c	3.86	J	c	3.7			4.7		
Copper	11.1			10.5			8			7		
Iron	7800	J	c	6030	J	c	6710			7890		
Lead	24.4			20.7			1.7			11		
Magnesium	2270			1860			2040			2220		
Manganese	99.5			80.6			81			116		
Mercury	< 0.096	UJ	c	< 0.095	UJ	c	< 0.083			< 0.06		
Nickel	25.3	J	c	22.7	J	c	21.8			23		
Potassium	686			526			541			480		
Selenium	< 0.210	UJ	c	< 0.213	UJ	c	< 0.30			< 1.3		
Silver	0.595			< 0.489			< 0.87			0.86		
Sodium	367	J	c	348	J	c	443			311		
Thallium	< 0.271			< 0.274			< 0.13			< 0.11		
Vanadium	20.4			14.9			14.1			17.8		
Zinc	32.3	J	c	28.6	J	c	15.8			20.2		

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Table 2 - Runway Area - Analytical Results for Soil in Fill - Metals

Sample Number	M-103A-000			M-103B-000			M-104A-002			Duplicate M-104A-002		
Date Sampled	12/12/90			11/28/90			05/30/91			05/30/91		
Depth of Sample	5.5 ft			0.5 ft			0.5 ft			0.5 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (Mg/Kg-Dry)												
Aluminum	3220			3780			4940	J	c	4290	J	c
Antimony	< 2.1			< 1.8			2.7	UJ	c	< 2.6	UJ	c
Arsenic	4.5			7.4			1.2			1.26		
Barium	35			32.4			22	J	c	27.6	J	c
Beryllium	< 0.18			< 0.16			0.59	J	c	0.19	J	c
Cadmium	0.94			< 0.35			< 0.306			< 0.312		
Calcium	1570			1810			2950	J	c	2010	J	c
Chromium	24			27.7			30.1	J	c	27	J	c
Cobalt	3.9			4.8			5.1			5.44		
Copper	6.4			5.5			8.25			5.67		
Iron	6080			7450			8940	J	c	8130	J	c
Lead	1.5			11.6			20			2.89		
Magnesium	1980			2320			2370			2470		
Manganese	78.7			103			98.6	J	c	92.4	J	c
Mercury	< 0.061			< 0.06			< 0.051			< 0.051		
Nickel	21.3			25.1			25.5			27.9		
Potassium	514			571			699			605		
Selenium	< 1.6			< 1.2			< 0.226	UJ	c	< 0.206	UJ	c
Silver	< 0.82			< 0.70			0.625			< 0.510		
Sodium	218			266			318			272		
Thallium	< 0.14			< 0.11			< 0.291			< 0.265		
Vanadium	12.4			16.8			25.7			18.7		
Zinc	13.8			21.6			23			17.3		

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a = method blank
b = surrogate spike
c = matrix spike
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e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results for Soil in Fill - Metals

Sample Number	M-101A-000			M-101A-004			M-102A-000			M-102A-004		
Date Sampled	05/30/91			06/03/91			05/30/91			06/03/91		
Depth of Sample	0.0 ft			2.0 ft			0.0 ft			2.0 ft		
Parameters Reported	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Metals (Mg/Kg-Dry)												
Aluminum	5600	J	c	2940	J	c	5760	J	c	2120	J	c
Antimony	< 2.3	UJ	c	< 2.9			3.6	J	c	< 2.8		
Arsenic	5.43			2.37			1.19			1.31		
Barium	43.2	J	c	19.4			364	J	c	25.4		
Beryllium	1.05		c	0.865			1.21	J	c	0.572		
Cadmium	1.06			< 0.343			2.59			< 0.337		
Calcium	3710	J	c	66600			3320	J	c	997		
Chromium	41.1	J	c	18.9			39.5	J	c	15.6		
Cobalt	6.01			4.2			7.47			3.02		
Copper	16.1			5.54			38.2			3.43		
Iron	10800	J	c	5890	J	c	11900	J	c	4660	J	c
Lead	31.9			4.6			185			2.81		
Magnesium	3270			2150			3170			1370		
Manganese	155	J	c	179	J	c	161	J	c	55.5	J	c
Mercury	0.063			< 0.112			0.069			< 0.105		
Nickel	31.8			22.2	J	c	35.5			18	J	c
Potassium	765			488			760			356		
Selenium	< 0.212	UJ	c	< 0.235	UJ	c,g	< 0.161	UJ	c	< 0.218	UJ	c,g
Silver	0.468			< 0.560			1.11			< 0.550		
Sodium	266			861			309			191		
Thallium	< 0.272			< 0.303			< 0.206			< 0.280		
Vanadium	23.9			14.4	J	c	37.6			10.6	J	c
Zinc	57.8			17.7			119			11.6		

Qualifiers:

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c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Surface Water Samples - Organic Compounds

Parameter Reported	323SW 05/31/91 0.0 ft		
	Results	Val	Com
Volatile Organics (µg/L)			
Acetone	< 2.0		
Chloromethane	< 1.0		
Methylene Chloride	< 1.0		
Semivolatile Organics (µg/L)			
Bis(2-Ethylhexyl) Phthalate	< 2.0		
Di-N-Butylphthalate	1.4		
Pesticides/PCBs (µg/L)	ND		
Total Petro. Hydrocarbons (mg/L)			
Hydrocarbons,Petro	0.3		

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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetla... Surface Water Samples - Organic Compounds

Parameter Reported	319SW 05/29/91 0.0 ft			320SW 05/29/91 0.0 ft			321SW 05/29/91 0.0 ft			322SW 05/29/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/L)												
Acetone	< 2.0			< 2.0			< 2.0			< 2.0		
Chloromethane	< 1.0			< 1.0			2.4	J	b	< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0		
Semivolatile Organics (µg/L)												
Bis(2-Ethylhexyl) Phthalate	< 2.0			< 2.0			< 2.0			< 2.0		
Di-N-Butylphthalate	< 1.0			< 1.0			< 1.0			< 1.0		
Pesticides/PCBs (µg/L)	ND			ND			ND			ND		
Total Petro. Hydrocarbons (mg/L)												
Hydrocarbons,Petro	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Surface Water Samples - Organic Compounds

Parameter Reported	315SW 05/28/91 0.0 ft			316SW 05/28/91 0.0 ft			317SW 05/28/91 0.0 ft			318SW 05/28/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/L)												
Acetone	3.8			5			< 2.0			< 2.0		
Chloromethane	< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0		
Semivolatile Organics (µg/L)												
Bis(2-Ethylhexyl) Phthalate	< 2.0			< 2.0			< 2.0			2.6		
Di-N-Butylphthalate	< 1.0			< 1.0			< 1.0			< 1.0		
Pesticides/PCBs (µg/L)	ND			ND			ND			ND		
Total Petro. Hydrocarbons (mg/L)												
Hydrocarbons,Petro	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Surface Water Samples - Organic Compounds

Parameter Reported	Duplicate 311SW 05/24/91 0.0 ft			312SW 05/24/91 0.0 ft			313SW 05/24/91 0.0 ft			314SW 05/28/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/L)												
Acetone	5.2									3.2		
Chloromethane	< 1.0									< 1.0		
Methylene Chloride	< 1.0									< 1.0		
Semivolatile Organics (µg/L)												
Bis(2-Ethylhexyl) Phthalate	< 2.0									< 2.0		
Di-N-Butylphthalate	< 1.0									< 1.0		
Pesticides/PCBs (µg/L)	ND									ND		
Total Petro. Hydrocarbons (mg/L)												
Hydrocarbons,Petro	< 0.2									< 0.2		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Surface Water Samples - Organic Compounds

Parameter Reported	308SW 05/23/91 0.0 ft			309SW 05/24/91 0.0 ft			310SW 05/24/91 0.0 ft			311SW 05/24/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/L)												
Acetone	< 2.0	UJ	b	< 2.0			< 2.0			< 2.0		
Chloromethane	< 1.0	UJ	b	< 1.0			< 1.0			< 1.0		
Methylene Chloride	2	J	b	< 1.0			< 1.0			< 1.0		
Semivolatile Organics (µg/L)												
Bis(2-Ethylhexyl) Phthalate	< 2.0			< 2.0			< 2.0			< 2.0		
Di-N-Butylphthalate	< 1.0			< 1.0			< 1.0			< 1.0		
Pesticides/PCBs (µg/L)	ND			ND			ND			ND		
Total Petro. Hydrocarbons (mg/L)												
Hydrocarbons,Petro	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Weth. . Surface Water Samples - Organic Compounds

Parameter Reported	304SW 05/23/91 0.0 ft			305SW 05/23/91 0.0 ft			306SW 05/23/91 0.0 ft			307SW 05/23/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/L)												
Acetone	< 2.0			3.8	UJ	a	4.4	J	b	3.8		
Chloromethane	< 1.0			< 1.0			< 1.0	UJ	b	< 1.0		
Methylene Chloride	< 1.0			< 1.0			1.4	J	b	1.3		
Semivolatile Organics (µg/L)												
Bis(2-Ethylhexyl) Phthalate	< 2.0			< 2.0			< 2.0			< 2.0		
Di-N-Butylphthalate	< 1.0			< 1.0			< 1.0			< 1.0		
Pesticides/PCBs (µg/L)	ND			ND			ND			ND		
Total Petro. Hydrocarbons (mg/L)												
Hydrocarbons,Petro	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Surface Water Samples - Organic Compounds

Parameter Reported	301SW 05/22/91 0.0 ft			302SW 05/22/91 0.0 ft			303SW 05/23/91 0.0 ft			Duplicate 303SW 05/23/91 0.0 ft		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/L)												
Acetone	5.1			< 2.0			< 2.0	UJ		4	UJ	a
Chloromethane	< 1.0			< 1.0			< 1.0	UJ		< 1.0		
Methylene Chloride	1.9			2			< 1.0	UJ		< 1.0		
Semivolatile Organics (µg/L)												
Bis(2-Ethylhexyl) Phthalate	< 2.0			< 2.0			12			< 2.0		
Di-N-Butylphthalate	< 1.0			< 1.0			< 1.0			< 1.0		
Pesticides/PCBs (µg/L)	ND			ND			ND			ND		
Total Petro. Hydrocarbons (mg/L)												
Hydrocarbons,Petro	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	Duplicate N-207			N-208			N-209			N-210		
Date Sampled	05/16/91			05/16/91			05/16/91			05/16/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)												
Anthracene	< 71			< 81			< 82			< 81		
Benzo(a)anthracene	< 100			< 100			< 100			< 100		
Benzo(a)pyrene	< 140			< 140			< 140			< 140		
Benzo(b)fluoranthene	< 100			< 100			120			< 100		
Benzo(g,h,i)perylene	< 160			< 160			< 160			< 160		
Benzo(k)fluoranthene	< 100			< 100			< 100			< 100		
Bis(2-ethylhexyl)phthalate	< 100			140			110			380		
Butylbenzylphthalate	< 100			< 100			< 100			< 100		
Chrysene	< 100			< 100			< 100			< 100		
Di-N-Butyl Phthalate	< 71			< 81			< 82			< 81		
Di-N-Octyl Phthalate	< 140			< 140			< 140			< 140		
Dibenzo(a,h)anthracene	< 160			< 160			< 160			< 160		
Fluoranthene	< 71			< 81			< 82			< 81		
Indeno(1,2,3-cd)pyrene	< 160			< 160			< 160			< 160		
Phenanthrene	< 71			< 81			< 82			< 81		
Pyrene	< 71			< 81			< 82			< 81		
Pesticides/PCBS (µg/kg-Dry)												
4,4'-DDD	< 6.77			< 6.75			< 6.81			< 6.72		
4,4'-DDE	< 3.38			< 3.38			< 3.40			< 3.36		
4,4'-DDT	7.46			< 6.75			< 6.81			< 6.72		
Dieldrin	< 3.38			< 3.38			< 3.40			< 3.36		
Endrin	< 3.38			< 3.38			< 3.40			< 3.36		
Endrin Ketone	< 6.77			< 6.75			< 6.81			< 6.72		
Heptachlor	< 3.38			< 3.38			< 3.40			< 3.36		
Heptachlor Epoxide	< 3.38			< 3.38			< 3.40			< 3.36		
Alpha-Chlordane	< 3.38			< 3.38			< 3.40			< 3.36		
Delta-BHC	< 3.38			< 3.38			< 3.40			< 3.36		
Gamma-Chlordane	< 3.38			4.12			< 3.40			< 3.36		
Aroclor-1248	< 34			< 34			< 34			< 34		
Aroclor-1260	< 34			360	J	e	< 34			< 34		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)												
Hydrocarbons, Petroleum	1760			984			1190			533		

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a = method blank
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e = LCS
f = replicate
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Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	N-203			N-204			N-205			N-206			N-207		
Date Sampled	05/15/91			05/15/91			05/16/91			05/16/91			05/16/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 82			< 83			< 83			< 83			< 81		
Benzo(a)anthracene	< 100			< 100			< 100			< 100			< 100		
Benzo(a)pyrene	< 140			< 150			< 150			< 150			< 140		
Benzo(b)fluoranthene	< 100			< 100			< 100			< 100			140		
Benzo(g,h,i)perylene	< 160			< 170			< 170			< 170			< 160		
Benzo(k)fluoranthene	< 100			< 100			< 100			< 100			< 100		
Bis(2-ethylhexyl)phthalate	110			240			910			210			140		
Butylbenzylphthalate	< 100			< 100			< 100			< 100			< 100		
Chrysene	< 100			< 100			< 100			< 100			< 100		
Di-N-Butyl Phthalate	< 82			< 83			< 83			< 83			< 81		
Di-N-Octyl Phthalate	< 140			< 150			< 150			< 150			< 140		
Dibenzo(a,h)anthracene	< 160			< 170			< 170			< 170			< 160		
Fluoranthene	100			< 83			< 83			< 83			< 81		
Indeno(1,2,3-cd)pyrene	< 160			< 170			< 170			< 170			< 160		
Phenanthrene	< 82			< 83			< 83			< 83			< 81		
Pyrene	100			< 83	UJ	c,e	< 83			< 83			< 81		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 6.84			< 6.93			< 6.91			< 6.94			< 6.79		
4,4'-DDE	< 3.42			< 3.47			< 3.45			< 3.47			< 3.39		
4,4'-DDT	74.9			< 6.93			< 6.91			< 6.94			< 6.79		
Dieldrin	< 3.42			< 3.47			< 3.45			< 3.47			< 3.39		
Endrin	< 3.42			< 3.47			< 3.45			< 3.47			< 3.39		
Endrin Ketone	< 6.84			< 6.93			< 6.91			< 6.94			< 6.79		
Heptachlor	< 3.42			< 3.47			< 3.45			< 3.47			< 3.39		
Heptachlor Epoxide	< 3.42			< 3.47			< 3.45			< 3.47			< 3.39		
Alpha-Chlordane	9.45			< 3.47			< 3.45			< 3.47			< 3.39		
Delta-BHC	< 3.42			< 3.47			< 3.45			< 3.47			< 3.39		
Gamma-Chlordane	7.55			< 3.47			< 3.45			< 3.47			< 3.39		
Aroclor-1248	< 34			< 35			< 35			< 35			< 34		
Aroclor-1260	< 34			< 35			< 35			< 35			< 34		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	3000			332			397			151			1370		

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c = matrix spike
d = holding time
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h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo[illegible] /ace Soil Samples - Organic Compounds

Sample Number	M-210			N-200			N-201			Duplicate N-201			N-202		
Date Sampled	05/15/91			05/15/91			05/15/91			05/15/91			05/15/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 91			< 83			< 82			< 82			< 88		
Benzo(a)anthracene	< 110			< 100			< 100			< 100			310		
Benzo(a)pyrene	< 160			< 150			< 140			< 140			570		
Benzo(b)fluoranthene	110			150			< 100			220			1200		
Benzo(g,h,i)perylene	< 180			< 170			< 160			< 160			760		
Benzo(k)fluoranthene	< 110			< 100			< 100			< 100			270		
Bis(2-ethylhexyl)phthalate	170			110			1200			1900			1400		
Butylbenzylphthalate	< 110			< 100			< 100			< 100			< 110		
Chrysene	< 110			< 100			< 100			120			400		
Di-N-Butyl Phthalate	< 91			< 83			< 82			< 82			< 88		
Di-N-Octyl Phthalate	< 160			< 150			< 140			< 140			< 150		
Dibenzo(a,h)anthracene	< 180			< 170			< 160			< 160			< 180		
Fluoranthene	< 91			< 83			< 82			100			730		
Indeno(1,2,3-cd)pyrene	< 180			< 170			< 160			< 160			580		
Phenanthrene	< 91			< 83			< 82			< 82			310		
Pyrene	< 91	UJ	c,e	< 83	UJ	c,e	< 82	UJ	c,e	< 82	UJ	c,e	480	J	c,e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	11.5	J	b	12.4	J	b	11.8	J	b	< 6.80			10.7	J	b
4,4'-DDE	< 3.81			3.71	J	b	4.02	J	b	< 3.40			< 3.68		
4,4'-DDT	9.79	J	b	25.2	J	b	37.7	J	b	< 6.80			59.5	J	b
Dieldrin	< 3.81			< 3.47			< 3.40			< 3.40			< 3.68		
Endrin	< 3.81			< 3.47			< 3.40			< 3.40			< 3.68		
Endrin Ketone	< 7.62			< 6.94			< 6.80			< 6.80			< 7.35		
Heptachlor	< 3.81			< 3.47			< 3.40			< 3.40			< 3.68		
Heptachlor Epoxide	< 3.81			< 3.47			< 3.40			< 3.40			< 3.68		
Alpha-Chlordane	< 3.81			< 3.47			< 3.40			< 3.40			< 3.68		
Delta-BHC	< 3.81			< 3.47			< 3.40			< 3.40			< 3.68		
Gamma-Chlordane	< 3.81			< 3.47			< 3.40			10.4			< 3.68		
Aroclor-1248	< 38			< 35			< 34			< 34			< 37		
Aroclor-1260	180	J	b,e	140	J	b,e	180	J	b,e	88			150	J	b,e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	68.5			664			2700			506			843		

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d = holding time
e = LCS
f = replicate
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h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	M-206			M-207			Duplicate M-207			M-208			M-209		
Date Sampled	05/15/91			05/15/91			05/15/91			05/15/91			05/15/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 95			< 130			< 93			< 85			< 97		
Benzo(a)anthracene	< 120			< 170			< 120			< 110			< 120		
Benzo(a)pyrene	< 170			< 230			< 160			< 150			< 170		
Benzo(b)fluoranthene	< 120			< 170			< 120			< 110			< 120		
Benzo(g,h,i)perylene	< 190			< 260			< 190			< 170			< 190		
Benzo(k)fluoranthene	< 120			< 170			< 120			< 110			< 120		
Bis(2-ethylhexyl)phthalate	< 120			< 170			< 120			200			< 120		
Butylbenzylphthalate	< 120			< 170			< 120			< 110			< 120		
Chrysene	< 120			< 170			< 120			< 110			< 120		
Di-N-Butyl Phthalate	< 95			< 130			< 93			< 85			< 97		
Di-N-Octyl Phthalate	< 170			< 230			< 160			< 150			< 170		
Dibenzo(a,h)anthracene	< 190			< 260			< 190			< 170			< 190		
Fluoranthene	< 95			150			< 93			< 85			< 97		
Indeno(1,2,3-cd)pyrene	< 190			< 260			< 190			< 170			< 190		
Phenanthrene	< 95			< 130			< 93			< 85			< 97		
Pyrene	< 95	UJ	c,e	170	J	c,e	< 93	UJ	c,e	< 85	UJ	c,e	< 97	UJ	c,e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 7.88			12.6	J	b	< 7.72			9.96	J	b	13.6		
4,4'-DDE	< 3.94			9.07	J	b	< 3.86			< 3.52			7.95		
4,4'-DDT	< 7.88			< 11.0			< 7.72			22.3	J	b	< 8.08		
Dieldrin	< 3.94			< 5.50			< 3.86			< 3.52			< 4.04		
Endrin	< 3.94			< 5.50			< 3.86			< 3.52			< 4.04		
Endrin Ketone	< 7.88			< 11.0			< 7.72			< 7.05			< 8.08		
Heptachlor	< 3.94			< 5.50			< 3.86			< 3.52			< 4.04		
Heptachlor Epoxide	< 3.94			< 5.50			< 3.86			< 3.52			< 4.04		
Alpha-Chlordane	< 3.94			< 5.50			< 3.86			< 3.52			< 4.04		
Delta-BHC	< 3.94			< 5.50			< 3.86			< 3.52			< 4.04		
Gamma-Chlordane	< 3.94			< 5.50			< 3.86			< 3.52			< 4.04		
Aroclor-1248	< 39			< 55			< 39			< 35			< 40		
Aroclor-1260	< 39			240	J	b,e	< 39			98	J	b,e	< 40		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	37.4			52.2			< 33.0			63.4			99.4		

Qualifiers:

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo .face Soil Samples - Organic Compounds

Sample Number	M-201			M-202			M-203			M-204			M-205		
Date Sampled	05/15/91			05/15/91			05/15/91			05/15/91			05/15/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 89			< 84			< 87			< 96			< 91		
Benzo(a)anthracene	< 110			< 100			< 110			< 120			< 110		
Benzo(a)pyrene	< 160			< 150			< 150			< 170			< 160		
Benzo(b)fluoranthene	< 110			< 100			< 110			< 120			< 110		
Benzo(g,h,i)perylene	< 180			< 170			< 170			< 190			< 180		
Benzo(k)fluoranthene	< 110			< 100			< 110			< 120			< 110		
Bis(2-ethylhexyl)phthalate	170			< 100			< 110			< 120			< 110		
Butylbenzylphthalate	< 110			< 100			< 110			< 120			< 110		
Chrysene	< 110			< 100			< 110			< 120			< 110		
Di-N-Butyl Phthalate	< 89			< 84			< 87			< 96			< 91		
Di-N-Octyl Phthalate	< 160			< 150			< 150			< 170			< 160		
Dibenzo(a,h)anthracene	< 180			< 170			< 170			< 190			< 180		
Fluoranthene	< 89			< 84			< 87			< 96			< 91		
Indeno(1,2,3-cd)pyrene	< 180			< 170			< 170			< 190			< 180		
Phenanthrene	< 89			< 84			< 87			< 96			< 91		
Pyrene	90	J	c,e	< 84	UJ	c,e	< 87	UJ	c,e	< 96			< 91	UJ	c,e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	9.52	J	b	< 6.98			8.02	J	b	< 7.96			< 7.60		
4,4'-DDE	< 3.71			< 3.49			< 3.62			< 3.98			< 3.80		
4,4'-DDT	< 7.42			< 6.98			< 7.24			< 7.96			< 7.60		
Dieldrin	< 3.71			13.8	J	b	< 3.62			< 3.98			< 3.80		
Endrin	< 3.71			< 3.49			< 3.62			< 3.98			< 3.80		
Endrin Ketone	< 7.42			< 6.98			< 7.24			< 7.96			< 7.60		
Heptachlor	< 3.71			< 3.49			< 3.62			< 3.98			< 3.80		
Heptachlor Epoxide	< 3.71			< 3.49			< 3.62			< 3.98			< 3.80		
Alpha-Chlordane	< 3.71			< 3.49			< 3.62			< 3.98			< 3.80		
Delta-BHC	< 3.71			< 3.49			< 3.62			< 3.98			< 3.80		
Gamma-Chlordane	< 3.71			< 3.49			< 3.62			< 3.98			< 3.80		
Aroclor-1248	< 37			< 35			< 36			< 40			< 38		
Aroclor-1260	110	J	b,e	71	J	b,e	100	J	b,e	< 40			< 38		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	66.7			115			75.8			42.4			36.1		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	L-206			L-207			L-208			L-209			L-210		
Date Sampled	05/14/91			05/14/91			05/14/91			05/14/91			05/15/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 78			< 130			< 83			< 90			< 86		
Benzo(a)anthracene	< 110			< 160			< 100			< 110			< 110		
Benzo(a)pyrene	< 160			240			< 140			< 160			< 150		
Benzo(b)fluoranthene	< 110			180			220			< 110			< 110		
Benzo(g,h,i)perylene	< 180			< 260			< 170			< 180			< 170		
Benzo(k)fluoranthene	< 110			< 160			< 100			< 110			< 110		
Bis(2-ethylhexyl)phthalate	1500			190	UJ	a	< 100			< 110			760		
Butylbenzylphthalate	< 110			< 160			< 100			< 110			< 110		
Chrysene	< 110			< 160			< 100			< 110			< 110		
Di-N-Butyl Phthalate	< 78			< 130			< 83			< 90			< 86		
Di-N-Octyl Phthalate	< 160			< 230			< 140			< 160			< 150		
Dibenzo(a,h)anthracene	< 180			< 260			< 170			< 180			< 170		
Fluoranthene	86			310			220			< 90			< 86		
Indeno(1,2,3-cd)pyrene	< 180			< 260			< 170			< 180			< 170		
Phenanthrene	< 78			< 130			90			< 90			< 86		
Pyrene	180			410			110	J	c,e	< 90	UJ	c,e	< 86	UJ	c,e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 7.46			< 11.0			< 6.88			9.97			< 7.14		
4,4'-DDE	< 3.73			11.8			< 3.44			< 3.76			< 3.57		
4,4'-DDT	< 7.46			< 11.0			24.8			< 7.52			< 7.14		
Dieldrin	< 3.73			< 5.48			< 3.44			< 3.76			< 3.57		
Endrin	< 3.73			< 5.48			< 3.44			< 3.76			< 3.57		
Endrin Ketone	< 7.46			< 11.0			< 6.88			< 7.52			< 7.14		
Heptachlor	< 3.73			< 5.48			< 3.44			< 3.76			< 3.57		
Heptachlor Epoxide	< 3.73			< 5.48			< 3.44			< 3.76			< 3.57		
Alpha-Chlordane	< 3.73			< 5.48			4.78			< 3.76			< 3.57		
Delta-BHC	< 3.73			< 5.48			< 3.44			< 3.76			< 3.57		
Gamma-Chlordane	< 3.73			< 5.48			12.2			< 3.76			< 3.57		
Aroclor-1248	< 37			< 55			< 34			< 38			< 36		
Aroclor-1260	48			< 55			84			78			68		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	65.9			88.4			611			120			74.7		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo[illegible] face Soil Samples - Organic Compounds

Sample Number	L-202			L-203			L-204			Duplicate L-204			L-205		
Date Sampled	05/14/91			05/14/91			05/14/91			05/14/91			05/14/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 83			< 82			< 75			< 84			< 76		
Benzo(a)anthracene	< 100			< 100			< 110			< 110			< 110		
Benzo(a)pyrene	< 150			< 140			< 150			< 150			< 150		
Benzo(b)fluoranthene	< 100			< 100			< 110			< 110			< 110		
Benzo(g,h,i)perylene	< 170			< 160			< 170			< 170			< 170		
Benzo(k)fluoranthene	< 100			< 100			< 110			< 110			< 110		
Bis(2-ethylhexyl)phthalate	600			250			< 110			< 110			< 110		
Butylbenzylphthalate	< 100			< 100			< 110			< 110			< 110		
Chrysene	< 100			< 100			< 110			< 110			< 110		
Di-N-Butyl Phthalate	< 83			< 82			< 75			< 84			< 76		
Di-N-Octyl Phthalate	< 150			< 140			< 150			< 150			< 150		
Dibenzo(a,h)anthracene	< 170			< 160			< 170			< 170			< 170		
Fluoranthene	< 83			< 82			< 75			< 84			< 76		
Indeno(1,2,3-cd)pyrene	< 170			< 160			< 170			< 170			< 170		
Phenanthrene	< 83			< 82			< 75			< 84			< 76		
Pyrene	< 83	UJ	c,e	< 82	UJ	c,e	< 75			< 84	UJ	c,e	< 76		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 6.94			< 6.87			< 7.18			< 7.04			< 7.25		
4,4'-DDE	< 3.47			< 3.44			< 3.59			< 3.52			< 3.63		
4,4'-DDT	< 6.94			< 6.87			< 7.18			< 7.04			< 7.25		
Dieldrin	< 3.47			< 3.44			< 3.59			< 3.52			< 3.63		
Endrin	< 3.47			< 3.44			< 3.59			< 3.52			< 3.63		
Endrin Ketone	< 6.94			< 6.87			< 7.18			< 7.04			< 7.25		
Heptachlor	< 3.47			< 3.44			< 3.59			< 3.52			< 3.63		
Heptachlor Epoxide	< 3.47			< 3.44			< 3.59			< 3.52			< 3.63		
Alpha-Chlordane	< 3.47			< 3.44			< 3.59			< 3.52			< 3.63		
Delta-BHC	< 3.47			< 3.44			< 3.59			< 3.52			< 3.63		
Gamma-Chlordane	< 3.47			< 3.44			< 3.59			< 3.52			< 3.63		
Aroclor-1248	< 35			< 34			< 36			< 35			< 36		
Aroclor-1260	< 35			< 34			< 36			< 35			< 36		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	33.4			< 29.4			44.1			< 30.1			< 31.0		

Qualifiers:

Val = Validity data qualifiers
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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	K-209			Duplicate K-209			K-210			L-200			L-201		
Date Sampled	05/14/91			05/14/91			05/15/91			05/14/91			05/14/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 84			< 96			< 84			< 85			< 100		
Benzo(a)anthracene	< 100			< 120			< 110			< 110			< 130		
Benzo(a)pyrene	< 150			< 170			< 150			< 150			< 180		
Benzo(b)fluoranthene	110			< 120			< 110			120			220		
Benzo(g,h,i)perylene	< 170			< 190			< 170			< 170			< 210		
Benzo(k)fluoranthene	< 100			< 120			< 110			< 110			< 130		
Bis(2-ethylhexyl)phthalate	330			< 120			330			280			< 130		
Butylbenzylphthalate	< 100			< 120			< 110			< 110			< 130		
Chrysene	< 100			< 120			< 110			< 110			< 130		
Di-N-Butyl Phthalate	< 84			< 96			< 84			< 85			< 100		
Di-N-Octyl Phthalate	< 150			< 170			< 150			< 150			< 180		
Dibenzo(a,h)anthracene	< 170			< 190			< 170			< 170			< 210		
Fluoranthene	< 84			< 96			< 84			< 85			170		
Indeno(1,2,3-cd)pyrene	< 170			< 190			< 170			< 170			< 210		
Phenanthrene	< 84			< 96			< 84			< 85			< 100		
Pyrene	87	J	c,e	< 96	UJ	c,e	< 84	UJ	c,e	89	J	c,e	290	J	c,e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	7.93			< 8.02			< 7.02			< 7.05			< 8.55		
4,4'-DDE	< 3.48			< 4.01			< 3.51			< 3.52			< 4.27		
4,4'-DDT	12.6			< 8.02			< 7.02			< 7.05			< 8.55		
Dieldrin	< 3.48			< 4.01			< 3.51			< 3.52			< 4.27		
Endrin	< 3.48			< 4.01			< 3.51			< 3.52			< 4.27		
Endrin Ketone	< 6.96			< 8.02			< 7.02			< 7.05			< 8.55		
Heptachlor	< 3.48			< 4.01			< 3.51			< 3.52			< 4.27		
Heptachlor Epoxide	< 3.48			< 4.01			< 3.51			< 3.52			< 4.27		
Alpha-Chlordane	< 3.48			< 4.01			< 3.51			< 3.52			< 4.27		
Delta-BHC	< 3.48			< 4.01			< 3.51			< 3.52			< 4.27		
Gamma-Chlordane	6			5.1			< 3.51			12.4			< 4.27		
Aroclor-1248	< 35			< 40			< 35			< 35			< 43		
Aroclor-1260	98			230	J	e	< 35			120			63		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	196			398			116			377			87.4		

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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo[illegible] .face Soil Samples - Organic Compounds

Sample Number	K-204			K-205			K-206			K-207			K-208		
Date Sampled	05/14/91			05/14/91			05/14/91			05/14/91			05/14/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 83			< 96			< 96			< 90			< 83		
Benzo(a)anthracene	< 100			< 120			< 120			< 110			< 100		
Benzo(a)pyrene	< 140			< 170			< 170			< 160			< 140		
Benzo(b)fluoranthene	< 100			170			< 120			230			< 100		
Benzo(g,h,i)perylene	< 170			< 190			< 190			< 180			< 170		
Benzo(k)fluoranthene	< 100			< 120			< 120			< 110			< 100		
Bis(2-ethylhexyl)phthalate	< 100			140			< 120			240			150	UJ	
Butylbenzylphthalate	< 100			< 120			< 120			< 110			< 100		
Chrysene	< 100			< 120			< 120			130			< 100		
Di-N-Butyl Phthalate	< 83			< 96			< 96			< 90			< 83		
Di-N-Octyl Phthalate	< 140			< 170			< 170			< 160			< 140		
Dibenzo(a,h)anthracene	< 170			< 190			< 190			< 180			< 170		
Fluoranthene	< 83			150			< 96			< 90			140		
Indeno(1,2,3-cd)pyrene	< 170			< 190			< 190			< 180			< 170		
Phenanthrene	< 83			< 96			< 96			< 90			96		
Pyrene	< 83	UJ	c,e	180	J	c,e	< 96	UJ	c,e	< 90	UJ	c,e	180		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 6.88			18			< 7.96			< 7.51			9.2		
4,4'-DDE	< 3.44			13.4			< 3.98			< 3.75			< 3.45		
4,4'-DDT	< 6.88			< 7.97			< 7.96			< 7.51			< 6.90		
Dieldrin	< 3.44			< 3.99			< 3.98			11.2			< 3.45		
Endrin	< 3.44			< 3.99			< 3.98			< 3.75			< 3.45		
Endrin Ketone	< 6.88			< 7.97			< 7.96			< 7.51			< 6.90		
Heptachlor	< 3.44			< 3.99			< 3.98			< 3.75			< 3.45		
Heptachlor Epoxide	< 3.44			< 3.99			< 3.98			< 3.75			< 3.45		
Alpha-Chlordane	< 3.44			< 3.99			< 3.98			< 3.75			< 3.45		
Delta-BHC	< 3.44			< 3.99			< 3.98			< 3.75			< 3.45		
Gamma-Chlordane	< 3.44			9.02			< 3.98			6.16			3.72		
Aroclor-1248	< 34			< 40			< 40			< 38			57		
Aroclor-1260	< 34			190			< 40			150			120	J	e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	< 29.4			175			38.3			97.9			158		

Qualifiers:

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	J-210			K-200			K-201			K-202			K-203		
Date Sampled	05/13/91			05/14/91			05/14/91			05/14/91			05/14/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	100			< 92			< 83			< 83			< 84		
Benzo(a)anthracene	< 120			< 110			< 100			< 100			< 110		
Benzo(a)pyrene	< 160			< 160			< 150			< 140			< 150		
Benzo(b)fluoranthene	150			< 110			< 100			< 100			< 110		
Benzo(g,h,i)perylene	< 190			< 180			< 170			< 170			< 170		
Benzo(k)fluoranthene	< 120			< 110			< 100			< 100			< 110		
Bis(2-ethylhexyl)phthalate	220			1500			1400			400	UJ		< 110		
Butylbenzylphthalate	< 120			< 110			< 100			< 100			< 110		
Chrysene	< 120			< 110			< 100			< 100			< 110		
Di-N-Butyl Phthalate	< 93			< 92			< 83			< 83			< 84		
Di-N-Octyl Phthalate	< 160			< 160			< 150			< 140			< 150		
Dibenzo(a,h)anthracene	< 190			< 180			< 170			< 170			< 170		
Fluoranthene	110			< 92			< 83			< 83			< 84		
Indeno(1,2,3-cd)pyrene	< 190			< 180			< 170			< 170			< 170		
Phenanthrene	< 93			< 92			< 83			< 83			< 84		
Pyrene	140	J	e	< 92	UJ	c,e	< 83	UJ	c,e	< 83			< 84	UJ	c,e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	25.6			10.3			< 6.92			< 6.90			< 7.01		
4,4'-DDE	< 3.87			< 3.82			< 3.46			< 3.45			< 3.51		
4,4'-DDT	< 7.73			< 7.65			< 6.92			< 6.90			< 7.01		
Dieldrin	< 3.87			< 3.82			< 3.46			< 3.45			< 3.51		
Endrin	< 3.87			< 3.82			< 3.46			< 3.45			< 3.51		
Endrin Ketone	< 7.73			< 7.65			< 6.92			< 6.90			< 7.01		
Heptachlor	< 3.87			< 3.82			< 3.46			< 3.45			< 3.51		
Heptachlor Epoxide	< 3.87			< 3.82			< 3.46			< 3.45			< 3.51		
Alpha-Chlordane	< 3.87			< 3.82			< 3.46			< 3.45			< 3.51		
Delta-BHC	< 3.87			< 3.82			< 3.46			< 3.45			< 3.51		
Gamma-Chlordane	< 3.87			< 3.82			< 3.46			< 3.45			< 3.51		
Aroclor-1248	270			79			< 35			< 34			< 35		
Aroclor-1260	96			190			< 35			58	J	e	< 35		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	158			457			80.4			105			< 30.0		

Qualifiers:

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo face Soil Samples - Organic Compounds

Sample Number	J-205			J-206			J-207			J-208			J-209		
Date Sampled	05/13/91			05/13/91			05/13/91			05/13/91			05/13/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 110			< 100			< 92			< 85			< 87		
Benzo(a)anthracene	< 140			< 120			120			< 110			< 110		
Benzo(a)pyrene	< 200			< 170			< 160			< 150			< 150		
Benzo(b)fluoranthene	180			130			190			< 110			130		
Benzo(g,h,i)perylene	< 230			< 200			< 180			< 170			< 170		
Benzo(k)fluoranthene	< 140			< 120			< 110			< 110			< 110		
Bis(2-ethylhexyl)phthalate	980	UJ	a	260			250			180			390		
Butylbenzylphthalate	< 140			< 120			< 110			< 110			< 110		
Chrysene	< 140			< 120			140			< 110			< 110		
Di-N-Butyl Phthalate	< 110			< 100			< 92			< 85			< 87		
Di-N-Octyl Phthalate	< 200			< 170			< 160			< 150			< 150		
Dibenzo(a,h)anthracene	< 230			< 200			< 180			< 170			< 170		
Fluoranthene	< 110			< 100			98			< 85			120		
Indeno(1,2,3-cd)pyrene	< 230			< 200			< 180			< 170			< 170		
Phenanthrene	< 110			< 100			< 92			< 85			< 87		
Pyrene	160			110	J	e	120	J	e	< 85	UJ	e	150	J	e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 9.38			< 8.32			10.5			< 7.05			< 7.25		
4,4'-DDE	8.22			< 4.16			< 3.82			< 3.52			< 3.62		
4,4'-DDT	< 9.38			< 8.32			< 7.65			< 7.05			< 7.25		
Dieldrin	< 4.69			< 4.16			< 3.82			< 3.52			< 3.62		
Endrin	8.99			< 4.16			< 3.82			< 3.52			< 3.62		
Endrin Ketone	< 9.38			< 8.32			< 7.65			< 7.05			< 7.25		
Heptachlor	< 4.69			< 4.16			< 3.82			< 3.52			< 3.62		
Heptachlor Epoxide	< 4.69			< 4.16			< 3.82			< 3.52			< 3.62		
Alpha-Chlordane	< 4.69			< 4.16			< 3.82			< 3.52			4.66		
Delta-BHC	< 4.69			< 4.16			< 3.82			< 3.52			< 3.62		
Gamma-Chlordane	< 4.69			< 4.16			< 3.82			< 3.52			< 3.62		
Aroclor-1248	76			< 42			< 38			< 35			< 36		
Aroclor-1260	120	J	e	190			150			120			63		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	443			96.8			122			123			332		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	J-200			J-201			Duplicate J-201			J-202			J-204		
Date Sampled	05/13/91			05/13/91			05/13/91			05/13/91			05/13/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 86			< 110			< 110	UJ	e	< 110			< 100		
Benzo(a)anthracene	< 110			< 130			< 130	UJ	e	< 130			< 130		
Benzo(a)pyrene	< 150			< 190			< 190	UJ	e	< 190			< 180		
Benzo(b)fluoranthene	< 110			170			180	J	e	150			210		
Benzo(g,h,i)perylene	< 170			< 210			< 220	UJ	e	< 220			240		
Benzo(k)fluoranthene	< 110			< 130			< 130	UJ	e	< 130			< 130		
Bis(2-ethylhexyl)phthalate	180			< 130			< 130	UJ	e	< 130			190		
Butylbenzylphthalate	< 110			< 130			< 130	UJ	e	< 130			< 130		
Chrysene	< 110			< 130			< 130	UJ	e	< 130			< 130		
Di-N-Butyl Phthalate	< 86			< 110			< 110	UJ	e	< 110			< 100		
Di-N-Octyl Phthalate	< 150			< 190			< 190	UJ	e	< 190			< 180		
Dibenzo(a,h)anthracene	< 170			< 210			< 220	UJ	e	< 220			< 210		
Fluoranthene	< 86			130			120	J	e	140			150		
Indeno(1,2,3-cd)pyrene	< 170			< 210			< 220	UJ	e	< 220			< 210		
Phenanthrene	< 86			< 110			< 110	UJ	e	< 110			< 100		
Pyrene	< 86	UJ	c,e	170	J	c,e	180	J	e	200	UJ	c,e	230	J	c,e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 7.17			< 8.82			< 8.97	UJ	d	11			16		
4,4'-DDE	< 3.58			< 4.41			< 4.49	UJ	d	9.26			9.13		
4,4'-DDT	< 7.17			< 8.82			< 8.97	UJ	d	< 8.98			< 8.61		
Dieldrin	< 3.58			< 4.41			< 4.49	UJ	d	< 4.49			< 4.31		
Endrin	< 3.58			< 4.41			< 4.49	UJ	d	< 4.49			< 4.31		
Endrin Ketone	< 7.17			< 8.82			< 8.97	UJ	d	< 8.98			< 8.61		
Heptachlor	< 3.58			< 4.41			< 4.49	UJ	d	< 4.49			< 4.31		
Heptachlor Epoxide	< 3.58			< 4.41			< 4.49	UJ	d	< 4.49			< 4.31		
Alpha-Chlordane	< 3.58			< 4.41			< 4.49	UJ	d	< 4.49			< 4.31		
Delta-BHC	< 3.58			< 4.41			< 4.49	UJ	d	< 4.49			< 4.31		
Gamma-Chlordane	4.59			< 4.41			< 4.49	UJ	d	< 4.49			< 4.31		
Aroclor-1248	< 36			< 44			< 45	UJ	d	< 45			< 43		
Aroclor-1260	120			120			110	J	d	130			190		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	370			42.4			117			67.3			125		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results f face Soil Samples - Organic Compounds

Sample Number	I-207			I-208			Duplicate I-208			I-209			I-210		
Date Sampled	05/13/91			05/13/91			05/13/91			05/13/91			05/13/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 84			< 84			< 83			< 84			< 84		
Benzo(a)anthracene	< 100			< 100			< 100			< 110			< 100		
Benzo(a)pyrene	< 150			< 150			< 140			< 150			< 150		
Benzo(b)fluoranthene	< 100			< 100			< 100			140			< 100		
Benzo(g,h,i)perylene	< 170			< 170			< 170			< 170			< 170		
Benzo(k)fluoranthene	< 100			< 100			< 100			< 110			< 100		
Bis(2-ethylhexyl)phthalate	< 100			< 100			< 100			< 110			< 100		
Butylbenzylphthalate	< 100			< 100			< 100			< 110			< 100		
Chrysene	< 100			< 100			< 100			< 110			< 100		
Di-N-Butyl Phthalate	< 84			< 84			< 83			< 84			< 84		
Di-N-Octyl Phthalate	< 150			< 150			< 140			< 150			< 150		
Dibenzo(a,h)anthracene	< 170			< 170			< 170			< 170			< 170		
Fluoranthene	< 84			< 84			< 83			120			< 84		
Indeno(1,2,3-cd)pyrene	< 170			< 170			< 170			< 170			< 170		
Phenanthrene	< 84			< 84			< 83			< 84			< 84		
Pyrene	< 84	UJ	c,e	< 84			< 83			120	J	c,e	< 84		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 6.97			< 6.97			< 6.89			< 7.04			< 6.99		
4,4'-DDE	< 3.49			< 3.48			< 3.45			< 3.52			< 3.49		
4,4'-DDT	< 6.97			< 6.97			< 6.89			< 7.04			< 6.99		
Dieldrin	< 3.49			< 3.48			< 3.45			< 3.52			< 3.49		
Endrin	< 3.49			5.33			< 3.45			< 3.52			< 3.49		
Endrin Ketone	< 6.97			< 6.97			< 6.89			< 7.04			< 6.99		
Heptachlor	< 3.49			< 3.48			< 3.45			< 3.52			< 3.49		
Heptachlor Epoxide	< 3.49			< 3.48			< 3.45			< 3.52			< 3.49		
Alpha-Chlordane	< 3.49			5.74			< 3.45			< 3.52			< 3.49		
Delta-BHC	< 3.49			< 3.48			< 3.45			< 3.52			< 3.49		
Gamma-Chlordane	< 3.49			< 3.48			9.33			< 3.52			< 3.49		
Aroclor-1248	< 35			140			360			< 35			< 35		
Aroclor-1260	36	J	e	< 35			120	J	e	140			< 35		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	53.9			148			116			161			45.1		

Qualifiers:

Val = Validity data qualifiers
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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	I-202			I-203			I-204			I-205			I-206		
Date Sampled	05/13/91			05/13/91			05/13/91			05/13/91			05/13/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 97			< 100			< 96			< 98			< 91	R	b
Benzo(a)anthracene	< 120			< 130			< 120			< 120			< 110	R	b
Benzo(a)pyrene	< 170			< 180			< 170			< 170			< 160	R	b
Benzo(b)fluoranthene	< 120			140			170			< 120			< 110	R	b
Benzo(g,h,i)perylene	< 190			< 200			230			< 200			< 180	R	b
Benzo(k)fluoranthene	< 120			< 130			< 120			< 120			< 110	R	b
Bis(2-ethylhexyl)phthalate	330	UJ		280			250			170			< 110	R	b
Butylbenzylphthalate	< 120			< 130			< 120			< 120			< 110	R	b
Chrysene	< 120			< 130			120			< 120			< 110	R	b
Di-N-Butyl Phthalate	< 97			< 100			< 96			< 98			< 91	R	b
Di-N-Octyl Phthalate	< 170			< 180			< 170			< 170			< 160	R	b
Dibenzo(a,h)anthracene	< 190			< 200			< 190			< 200			< 180	R	b
Fluoranthene	100			< 100			97			100			< 91	R	b
Indeno(1,2,3-cd)pyrene	< 190			< 200			210			< 200			< 180	R	b
Phenanthrene	< 97			< 100			< 96			< 98			< 91	R	b
Pyrene	110	J	c,e	< 100	UJ	c,e	130	J	c,e	120	J	c,e	< 91	R	b
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	16.2			32.2	J	b	18.2			17	J		8.68		
4,4'-DDE	6.75			6.6	J	b	10.3			8.47	J		4.09		
4,4'-DDT	< 8.06			< 8.34			< 7.96			< 8.20			< 7.62		
Dieldrin	< 4.03			< 4.17			< 3.98			< 4.10			< 3.81		
Endrin	4.37			< 4.17			< 3.98			< 4.10			< 3.81		
Endrin Ketone	< 8.06			< 8.34			< 7.96			< 8.20			< 7.62		
Heptachlor	< 4.03			< 4.17			< 3.98			< 4.10			< 3.81		
Heptachlor Epoxide	< 4.03			< 4.17			< 3.98			< 4.10			< 3.81		
Alpha-Chlordane	< 4.03			6.27	J	b	< 3.98			< 4.10			< 3.81		
Delta-BHC	< 4.03			< 4.17			< 3.98			< 4.10			< 3.81		
Gamma-Chlordane	< 4.03			12.8	J	b	9.36			7.41	J	b	7.56		
Aroclor-1248	100			< 42			< 40			< 41			< 38		
Aroclor-1260	180	J	e	410	J	b,e	350	J	e	300	J	b,e	260	J	e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	64.9			85.3			139			72.5			293		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo[illegible] .face Soil Samples - Organic Compounds

Sample Number	H-209			H-210			Duplicate H-210			I-200			I-201		
Date Sampled	05/10/91			05/10/91			05/10/91			05/13/91			05/13/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 83			< 84			< 84			< 87			< 110		
Benzo(a)anthracene	< 100			< 100			< 100			< 110			< 140		
Benzo(a)pyrene	< 140			< 150			< 150			< 150			< 200		
Benzo(b)fluoranthene	< 100			< 100			< 100			< 110			200		
Benzo(g,h,i)perylene	< 170			< 170			< 170			< 170			250		
Benzo(k)fluoranthene	< 100			< 100			< 100			< 110			< 140		
Bis(2-ethylhexyl)phthalate	< 100			350			< 100			110			400		
Butylbenzylphthalate	< 100			130			< 100			< 110			< 140		
Chrysene	< 100			< 100			< 100			< 110			160		
Di-N-Butyl Phthalate	< 83			< 84			< 84			< 87			< 110		
Di-N-Octyl Phthalate	< 140			< 150			< 150			< 150			< 200		
Dibenzo(a,h)anthracene	< 170			< 170			< 170			< 170			< 220		
Fluoranthene	< 83			< 84			< 84			< 87			130		
Indeno(1,2,3-cd)pyrene	< 170			< 170			< 170			< 170			< 220		
Phenanthrene	< 83			< 84			< 84			< 87			< 110		
Pyrene	90			< 84	UJ	c,e	< 84	UJ	c,e	< 87	UJ	c,e	130	J	c,e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	13.9			< 6.96			< 6.98	UJ	d	< 7.22			< 9.30		
4,4'-DDE	< 3.45			< 3.48			< 3.49	UJ	d	< 3.61			5.37		
4,4'-DDT	< 6.89			< 6.96			< 6.98	UJ	d	< 7.22			13.7		
Dieldrin	< 3.45			< 3.48			< 3.49	UJ	d	< 3.61			< 4.65		
Endrin	< 3.45			< 3.48			< 3.49	UJ	d	< 3.61			< 4.65		
Endrin Ketone	< 6.89			< 6.96			< 6.98	UJ	d	< 7.22			< 9.30		
Heptachlor	< 3.45			< 3.48			< 3.49	UJ	d	< 3.61			< 4.65		
Heptachlor Epoxide	< 3.45			< 3.48			< 3.49	UJ	d	< 3.61			< 4.65		
Alpha-Chlordane	< 3.45			< 3.48			< 3.49	UJ	d	< 3.61			< 4.65		
Delta-BHC	< 3.45			< 3.48			< 3.49	UJ	d	< 3.61			< 4.65		
Gamma-Chlordane	8.19			< 3.48			< 3.49	UJ	d	14			5.22		
Aroclor-1248	< 34			< 35			< 35	UJ	d	< 36			< 46		
Aroclor-1260	260	J	e	130	J	e	63	J	d	160			84		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	281			123			64.8			479			218		

Qualifiers:

Val = Validity data qualifiers
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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	H-204			H-205			H-206			H-207			H-208		
Date Sampled	05/10/91			05/10/91			05/10/91			05/10/91			05/10/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 130			< 96			< 83			< 87			< 89		
Benzo(a)anthracene	< 160			< 120			< 100			< 110			130		
Benzo(a)pyrene	< 230			< 170			< 150			< 150			160		
Benzo(b)fluoranthene	< 160			190			< 100			< 110			140		
Benzo(g,h,i)perylene	< 260			< 190			< 170			< 170			220		
Benzo(k)fluoranthene	< 160			< 120			< 100			< 110			140		
Bis(2-ethylhexyl)phthalate	180			< 120			< 100			< 110			< 110		
Butylbenzylphthalate	< 160			< 120			< 100			< 110			< 110		
Chrysene	< 160			150			< 100			< 110			140		
Di-N-Butyl Phthalate	< 130			< 96			< 83			< 87			< 89		
Di-N-Octyl Phthalate	< 230			< 170			< 150			< 150			< 160		
Dibenzo(a,h)anthracene	< 260			< 190			< 170			< 170			< 180		
Fluoranthene	< 130			100			< 83			160			210		
Indeno(1,2,3-cd)pyrene	< 260			< 190			< 170			< 170			< 180		
Phenanthrene	< 130			< 96			< 83			140			140		
Pyrene	210			170			< 83			230			320		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	19.7	J	b	15.8			< 6.92			< 7.24			19.7	J	b
4,4'-DDE	14.3	J	b	< 3.99			< 3.46			< 3.62			8.79	J	b
4,4'-DDT	< 10.9			< 7.97			< 6.92			< 7.24			< 7.40		
Dieldrin	< 5.44			< 3.99			< 3.46			< 3.62			< 3.70		
Endrin	< 5.44			< 3.99			< 3.46			< 3.62			< 3.70		
Endrin Ketone	< 10.9			< 7.97			< 6.92			< 7.24			< 7.40		
Heptachlor	< 5.44			< 3.99			< 3.46			< 3.62			< 3.70		
Heptachlor Epoxide	< 5.44			< 3.99			< 3.46			< 3.62			< 3.70		
Alpha-Chlordane	< 5.44			< 3.99			< 3.46			< 3.62			< 3.70		
Delta-BHC	< 5.44			< 3.99			< 3.46			< 3.62			< 3.70		
Gamma-Chlordane	9.18	J	b	8.82			< 3.46			< 3.62			< 3.70		
Aroclor-1248	< 54			< 40			< 35			< 36			< 37		
Aroclor-1260	370	J	b,e	290	J	e	45	J	e	140	J	e	310	J	b,e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	55.1			120			44.7			65.9			188		

Qualifiers:

Val = Validity data qualifiers
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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results fo[illegible] face Soil Samples - Organic Compounds

Sample Number	G-210			H-200			H-201			H-202			H-203		
Date Sampled	05/09/91			05/10/91			05/10/91			05/10/91			05/10/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 83			< 82			< 110			< 120			< 110		
Benzo(a)anthracene	< 100			< 100			< 140			< 150			< 130		
Benzo(a)pyrene	< 150			< 140			< 200			< 210			< 180		
Benzo(b)fluoranthene	< 100			< 100			< 140			< 150			< 130		
Benzo(g,h,i)perylene	< 170			< 160			< 230			< 240			< 210		
Benzo(k)fluoranthene	< 100			< 100			< 140			< 150			< 130		
Bis(2-ethylhexyl)phthalate	< 100			< 100			460			270			170		
Butylbenzylphthalate	< 100			< 100			< 140			< 150			< 130		
Chrysene	< 100			< 100			< 140			< 150			< 130		
Di-N-Butyl Phthalate	< 83			< 82			< 110			< 120			< 110		
Di-N-Octyl Phthalate	< 150			< 140			< 200			< 210			< 180		
Dibenzo(a,h)anthracene	< 170			< 160			< 230			< 240			< 210		
Fluoranthene	< 83			< 82			120			160			< 110		
Indeno(1,2,3-cd)pyrene	< 170			< 160			< 230			< 240			< 210		
Phenanthrene	< 83			< 82			< 110			< 120			< 110		
Pyrene	< 83			< 82			160			410			110		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 6.94			< 6.80			20.2			20.3			17.7		
4,4'-DDE	< 3.47			< 3.40			14.2			14.1			8.2		
4,4'-DDT	< 6.94			< 6.80			< 9.52			< 10.1			< 8.81		
Dieldrin	< 3.47			< 3.40			< 4.76			< 5.07			12.7		
Endrin	< 3.47			< 3.40			< 4.76			< 5.07			< 4.40		
Endrin Ketone	< 6.94			< 6.80			< 9.52			< 10.1			< 8.81		
Heptachlor	< 3.47			< 3.40			< 4.76			< 5.07			< 4.40		
Heptachlor Epoxide	< 3.47			< 3.40			< 4.76			< 5.07			< 4.40		
Alpha-Chlordane	< 3.47			< 3.40			< 4.76			< 5.07			< 4.40		
Delta-BHC	< 3.47			< 3.40			< 4.76			< 5.07			< 4.40		
Gamma-Chlordane	< 3.47			4.66			8.41			8.16			8.35		
Aroclor-1248	< 35			< 34			< 48			< 51			< 44		
Aroclor-1260	94	J	e	120	J	e	280	J	e	270	J	e	270	J	e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	81.5			310			116			106			56.8		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	G-207			G-208			Duplicate G-208			G-209		
Date Sampled	05/10/91			05/09/91			05/09/91			05/09/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)												
Anthracene	< 81			< 81			< 81			< 81		
Benzo(a)anthracene	110			< 100			< 100			< 100		
Benzo(a)pyrene	220			< 140			< 140			< 140		
Benzo(b)fluoranthene	210			< 100			< 100			< 100		
Benzo(g,h,i)perylene	250			< 160			< 160			< 160		
Benzo(k)fluoranthene	< 100			< 100			< 100			< 100		
Bis(2-ethylhexyl)phthalate	900			100			< 100			< 100		
Butylbenzylphthalate	< 100			130			< 100			< 100		
Chrysene	150			< 100			< 100			< 100		
Di-N-Butyl Phthalate	< 81			< 81			< 81			< 81		
Di-N-Octyl Phthalate	< 140			< 140			< 140			< 140		
Dibenzo(a,h)anthracene	< 160			< 160			< 160			< 160		
Fluoranthene	110			< 81			< 81			< 81		
Indeno(1,2,3-cd)pyrene	< 160			< 160			< 160			< 160		
Phenanthrene	< 81			< 81			< 81			< 81		
Pyrene	100			< 81			< 81			< 81		
Pesticides/PCBS (µg/kg-Dry)												
4,4'-DDD	21.2			75.6			< 6.79	UJ	d	< 6.75		
4,4'-DDE	38.5			56.4			< 3.39	UJ	d	< 3.38		
4,4'-DDT	25.1			113			< 6.79	UJ	d	< 6.75		
Dieldrin	< 3.39			< 3.39			< 3.39	UJ	d	< 3.38		
Endrin	< 3.39			< 3.39			< 3.39	UJ	d	< 3.38		
Endrin Ketone	< 6.79			< 6.78			< 6.79	UJ	d	< 6.75		
Heptachlor	< 3.39			< 3.39			< 3.39	UJ	d	< 3.38		
Heptachlor Epoxide	< 3.39			< 3.39			< 3.39	UJ	d	< 3.38		
Alpha-Chlordane	20.3			7.51			< 3.39	UJ	d	< 3.38		
Delta-BHC	< 3.39			< 3.39			< 3.39	UJ	d	< 3.38		
Gamma-Chlordane	4.82			7.11			< 3.39	UJ	d	4.89		
Aroclor-1248	< 34			< 34			71	J	d	< 34		
Aroclor-1260	210			45			41	J	d	130	J	e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)												
Hydrocarbons, Petroleum	802			351			79.7			335		

Notes: NA = Not Analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results fo .ace Soil Samples - Organic Compounds

Sample Number	G-202			G-203			G-204			G-205			G-206		
Date Sampled	05/10/91			05/10/91			05/10/91			05/10/91			05/10/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 120			< 120			< 86			< 90			< 95		
Benzo(a)anthracene	< 150			< 160			< 110			< 110			< 120		
Benzo(a)pyrene	< 210			< 220			< 150			< 160			< 170		
Benzo(b)fluoranthene	< 150			< 160			< 110			< 110			< 120		
Benzo(g,h,i)perylene	< 240			< 250			< 170			< 180			< 190		
Benzo(k)fluoranthene	< 150			< 160			130			< 110			< 120		
Bis(2-ethylhexyl)phthalate	250			470			510			150			5900		
Butylbenzylphthalate	< 150			< 160			< 110			< 110			< 120		
Chrysene	< 150			< 160			< 110			< 110			< 120		
Di-N-Butyl Phthalate	< 120			< 120			< 86			< 90			< 95		
Di-N-Octyl Phthalate	< 210			< 220			< 150			< 160			< 170		
Dibenzo(a,h)anthracene	< 240			< 250			< 170			< 180			< 190		
Fluoranthene	< 120			< 120			< 86			< 90			< 95		
Indeno(1,2,3-cd)pyrene	< 240			< 250			< 170			< 180			< 190		
Phenanthrene	< 120			< 120			< 86			< 90			< 95		
Pyrene	130			190			< 86			92			130		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	19			12.4			22.9	J	b	9.53			17		
4,4'-DDE	13.6			8.45			< 3.59			< 3.75			< 3.94		
4,4'-DDT	< 9.89			< 10.3			< 7.18			< 7.49			< 7.89		
Dieldrin	< 4.95			< 5.17			< 3.59			< 3.75			< 3.94		
Endrin	< 4.95			< 5.17			< 3.59			< 3.75			< 3.94		
Endrin Ketone	< 9.89			< 10.3			< 7.18			< 7.49			< 7.89		
Heptachlor	< 4.95			< 5.17			< 3.59			< 3.75			< 3.94		
Heptachlor Epoxide	< 4.95			< 5.17			< 3.59			< 3.75			< 3.94		
Alpha-Chlordane	< 4.95			< 5.17			10.7	J	b	< 3.75			< 3.94		
Delta-BHC	< 4.95			< 5.17			< 3.59			< 3.75			< 3.94		
Gamma-Chlordane	9.38			< 5.17			< 3.59			< 3.75			< 3.94		
Aroclor-1248	< 49			< 52			540	J	b	< 37			< 39		
Aroclor-1260	300			190			570	J	b	200			270		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	< 42.3			< 44.2			211			< 32.0			84.4		

Notes: NA = Not Analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	F-208			F-209			F-210			G-200			G-201		
Date Sampled	05/09/91			05/09/91			05/09/91			05/10/91			05/10/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 89			< 820			< 85			< 82			< 97		
Benzo(a)anthracene	< 110			< 1000			< 110			< 100			< 120		
Benzo(a)pyrene	< 160			< 1400			< 150			< 140			< 170		
Benzo(b)fluoranthene	< 110			< 1000			110			< 100			150		
Benzo(g,h,i)perylene	< 180			< 1600			< 170			< 160			< 190		
Benzo(k)fluoranthene	< 110			< 1000			< 110			< 100			< 120		
Bis(2-ethylhexyl)phthalate	3500			< 1000			730			< 100			320		
Butylbenzylphthalate	390			< 1000			< 110			< 100			< 120		
Chrysene	< 110			< 1000			110			< 100			< 120		
Di-N-Butyl Phthalate	< 89			< 820			< 85			< 82			< 97		
Di-N-Octyl Phthalate	< 160			< 1400			< 150			< 140			< 170		
Dibenzo(a,h)anthracene	< 180			< 1600			< 170			< 160			< 190		
Fluoranthene	< 89			< 820			120			< 82			< 97		
Indeno(1,2,3-cd)pyrene	< 180			< 1600			< 170			< 160			< 190		
Phenanthrene	< 89			< 820			< 85			< 82			< 97		
Pyrene	< 89			< 820			120			< 82			150		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 148			28.5			18.8	J	b	< 6.80			< 8.12	R	b
4,4'-DDE	< 74.2			< 3.42			< 3.53			< 3.40			8.97	J	b
4,4'-DDT	< 148			40.9			< 7.05			< 6.80			< 8.12	R	b
Dieldrin	< 74.2			< 3.42			< 3.53			4.52			< 4.06	R	b
Endrin	< 74.2			< 3.42			< 3.53			< 3.40			< 4.06	R	b
Endrin Ketone	< 7.42			< 6.84			< 7.05			< 6.80			< 8.12	R	b
Heptachlor	< 74.2			< 3.42			< 3.53			< 3.40			< 4.06	R	b
Heptachlor Epoxide	< 74.2			< 3.42			< 3.53			< 3.40			< 4.06	R	b
Alpha-Chlordane	< 74.2			< 3.42			< 3.53			< 3.40			< 4.06	R	b
Delta-BHC	< 74.2			< 3.42			< 3.53			< 3.40			< 4.06	R	b
Gamma-Chlordane	< 74.2			8.51			4.17	J	b	< 3.40			5.31	J	b
Aroclor-1248	11000			< 34			< 35			< 34			< 41	R	b
Aroclor-1260	< 37			120			160	J	b	100			200	J	b
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	257			411			75.6			34.4			172		

Notes: NA = Not Analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results fo /ace Soil Samples - Organic Compounds

Sample Number	F-203			F-204			F-205			F-206			F-207		
Date Sampled	05/09/91			05/09/91			05/09/91			05/09/91			05/09/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 84			< 94			< 90			< 83			< 87		
Benzo(a)anthracene	< 110			< 120			< 110			< 100			< 110		
Benzo(a)pyrene	< 150			< 160			< 160			< 150			< 150		
Benzo(b)fluoranthene	< 110			160			< 110			< 100			< 110		
Benzo(g,h,i)perylene	< 170			< 190			< 180			< 170			< 170		
Benzo(k)fluoranthene	< 110			< 120			< 110			< 100			< 110		
Bis(2-ethylhexyl)phthalate	430			< 120			210			3000			< 110		
Butylbenzylphthalate	< 110			< 120			< 110			< 100			< 110		
Chrysene	< 110			< 120			< 110			< 100			< 110		
Di-N-Butyl Phthalate	< 84			< 94			< 90			< 83			< 87		
Di-N-Octyl Phthalate	< 150			< 160			< 160			< 150			< 150		
Dibenzo(a,h)anthracene	< 170			< 190			< 180			< 170			< 170		
Fluoranthene	< 84			130			90			< 83			< 87		
Indeno(1,2,3-cd)pyrene	< 170			< 190			< 180			< 170			< 170		
Phenanthrene	< 84			< 94			< 90			< 83			< 87		
Pyrene	< 84			200			130			< 83			< 87		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 7.02			17.3			16.6			9.81			< 7.22		
4,4'-DDE	< 3.51			< 3.92			< 3.74			< 3.45			< 3.61		
4,4'-DDT	< 7.02			< 7.83			< 7.48			< 6.91			< 7.22		
Dieldrin	< 3.51			< 3.92			< 3.74			< 3.45			< 3.61		
Endrin	< 3.51			< 3.92			< 3.74			< 3.45			< 3.61		
Endrin Ketone	< 7.02			< 7.83			< 7.48			< 6.91			< 7.22		
Heptachlor	< 3.51			< 3.92			< 3.74			< 3.45			< 3.61		
Heptachlor Epoxide	< 3.51			< 3.92			< 3.74			< 3.45			< 3.61		
Alpha-Chlordane	< 3.51			< 3.92			< 3.74			< 3.45			< 3.61		
Delta-BHC	< 3.51			< 3.92			< 3.74			< 3.45			< 3.61		
Gamma-Chlordane	< 3.51			< 3.92			< 3.74			< 3.45			< 3.61		
Aroclor-1248	< 35			< 39			< 37			< 35			< 36		
Aroclor-1260	130	J	b	220			250			88			83		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	117			95.4			64			136			56.7		

Notes: NA = Not Analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	E-210			F-200			F-201			F-202			Duplicate F-202		
Date Sampled	05/08/91			05/09/91			05/09/91			05/09/91			05/09/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 82			220			< 110			< 97			< 97		
Benzo(a)anthracene	< 100			1400			< 130			< 120			< 120		
Benzo(a)pyrene	< 140			1400			< 190			< 170			< 170		
Benzo(b)fluoranthene	< 100			1200			< 130			< 120			< 120		
Benzo(g,h,i)perylene	< 160			1000			< 210			< 190			< 190		
Benzo(k)fluoranthene	< 100			1100			< 130			< 120			< 120		
Bis(2-ethylhexyl)phthalate	420			680			1700			< 120			< 120		
Butylbenzylphthalate	< 100			< 110			< 130			< 120			< 120		
Chrysene	< 100			2000			< 130			< 120			< 120		
Di-N-Butyl Phthalate	< 82			< 89			< 110			< 97			< 97		
Di-N-Octyl Phthalate	< 140			< 160			< 190			< 170			< 170		
Dibenzo(a,h)anthracene	< 160			190			< 210			< 190			< 190		
Fluoranthene	< 82			3500			< 110			< 97			< 97		
Indeno(1,2,3-cd)pyrene	< 160			970			< 210			< 190			< 190		
Phenanthrene	< 82			2000			< 110			< 97			< 97		
Pyrene	< 82	UJ	c,e	2400			110			< 97			< 97		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 6.82			25.4	J	b	15.2			< 8.09			< 8.05	UJ	b,d
4,4'-DDE	< 3.41			< 3.73			< 4.47			< 4.05			< 4.03	UJ	b,d
4,4'-DDT	< 6.82			74.5	J	b	< 8.95			< 8.09			< 8.05	UJ	b,d
Dieldrin	< 3.41			14.7	J	b	< 4.47			< 4.05			< 4.03	UJ	b,d
Endrin	< 3.41			< 3.73			< 4.47			< 4.05			< 4.03	UJ	b,d
Endrin Ketone	< 6.82			< 7.46			< 8.95			< 8.09			< 8.05	UJ	b,d
Heptachlor	< 3.41			< 3.73			< 4.47			< 4.05			< 4.03	UJ	b,d
Heptachlor Epoxide	< 3.41			< 3.73			< 4.47			< 4.05			< 4.03	UJ	b,d
Alpha-Chlordane	< 3.41			5.42	J	b	< 4.47			< 4.05			< 4.03	UJ	b,d
Delta-BHC	< 3.41			< 3.73			< 4.47			< 4.05			< 4.03	UJ	b,d
Gamma-Chlordane	< 3.41			15.6	J	b	6.08			< 4.05			< 4.03	UJ	b,d
Aroclor-1248	< 34			< 37			< 45			< 40			< 40	UJ	b,d
Aroclor-1260	40			380	J	b	130			< 40			< 40	UJ	b,d
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	123			1350			69.5			41			35.6		

Notes: NA = Not Analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results f[illegible]face Soil Samples - Organic Compounds

Sample Number	Duplicate E-205			E-206			E-207			E-208			E-209		
Date Sampled	05/09/91			05/09/91			05/09/91			05/09/91			05/09/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 90			< 85			< 89			< 83			< 87		
Benzo(a)anthracene	< 110			< 110			< 110			< 100			< 110		
Benzo(a)pyrene	< 160			< 150			< 160			< 150			< 150		
Benzo(b)fluoranthene	< 110			170			< 110			< 100			< 110		
Benzo(g,h,i)perylene	< 180			270			< 180			< 170			< 170		
Benzo(k)fluoranthene	< 110			110			< 110			< 100			< 110		
Bis(2-ethylhexyl)phthalate	140			670			1200			740			11000		
Butylbenzylphthalate	< 110			< 110			< 110			< 100			< 110		
Chrysene	< 110			180			< 110			< 100			< 110		
Di-N-Butyl Phthalate	< 90			< 85			< 89			< 83			< 87		
Di-N-Octyl Phthalate	< 160			< 150			< 160			< 150			< 150		
Dibenzo(a,h)anthracene	< 180			< 170			< 180			< 170			< 170		
Fluoranthene	< 90			250			< 89			< 83			< 87		
Indeno(1,2,3-cd)pyrene	< 180			190			< 180			< 170			< 170		
Phenanthrene	< 90			140			< 89			< 83			< 87		
Pyrene	< 90	UJ	c	210			99			< 83			110		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 7.51	UJ	d	< 7.08	UJ	d	< 7.40	UJ	d	< 6.92	UJ	d	< 7.24	UJ	d
4,4'-DDE	< 3.75	UJ	d	< 3.54	UJ	d	< 3.70	UJ	d	< 3.46	UJ	d	< 3.62	UJ	d
4,4'-DDT	< 7.51	UJ	d	< 7.08	UJ	d	< 7.40	UJ	d	< 6.92	UJ	d	< 7.24	UJ	d
Dieldrin	< 3.75	UJ	d	< 3.54	UJ	d	< 3.70	UJ	d	< 3.46	UJ	d	< 3.62	UJ	d
Endrin	< 3.75	UJ	d	< 3.54	UJ	d	< 3.70	UJ	d	< 3.46	UJ	d	< 3.62	UJ	d
Endrin Ketone	< 7.51	UJ	d	< 7.08	UJ	d	< 7.40	UJ	d	< 6.92	UJ	d	< 7.24	UJ	d
Heptachlor	< 3.75	UJ	d	< 3.54	UJ	d	< 3.70	UJ	d	< 3.46	UJ	d	< 3.62	UJ	d
Heptachlor Epoxide	< 3.75	UJ	d	< 3.54	UJ	d	< 3.70	UJ	d	< 3.46	UJ	d	< 3.62	UJ	d
Alpha-Chlordane	< 3.75	UJ	d	< 3.54	UJ	d	< 3.70	UJ	d	< 3.46	UJ	d	< 3.62	UJ	d
Delta-BHC	< 3.75	UJ	d	< 3.54	UJ	d	< 3.70	UJ	d	< 3.46	UJ	d	< 3.62	UJ	d
Gamma-Chlordane	< 3.75	UJ	d	< 3.54	UJ	d	< 3.70	UJ	d	< 3.46	UJ	d	< 3.62	UJ	d
Aroclor-1248	< 38	UJ	d	1000	J	d	69	J	d	460	J	d	350	J	d
Aroclor-1260	81	J	d	800	J	d	100	J	d	320	J	d	260	J	d
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	346			366			101			538			166		

Notes: NA = Not Analyzed
UJ = Qualified, estimated not detected
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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	Resample E-201			E-202			E-203			E-204			E-205		
Date Sampled	05/28/91			05/09/91			05/09/91			05/09/91			05/09/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	NA			< 83			< 86			< 91			< 88	UJ	c
Benzo(a)anthracene	NA			< 100			< 110			< 110			< 110	UJ	c
Benzo(a)pyrene	NA			< 140			< 150			< 160			< 150	UJ	c
Benzo(b)fluoranthene	NA			< 100			120			< 110			120	J	c
Benzo(g,h,i)perylene	NA			< 170			< 170			< 180			< 180	UJ	c
Benzo(k)fluoranthene	NA			< 100			< 110			< 110			< 110	UJ	c
Bis(2-ethylhexyl)phthalate	NA			780			1500			350			< 110	UJ	c
Butylbenzylphthalate	NA			< 100			< 110			< 110			< 110	UJ	c
Chrysene	NA			< 100			< 110			< 110			< 110	UJ	c
Di-N-Butyl Phthalate	NA			< 83			< 86			< 91			< 88	UJ	c
Di-N-Octyl Phthalate	NA			< 140			< 150			< 160			< 150	UJ	c
Dibenzo(a,h)anthracene	NA			< 170			< 170			< 180			< 180	UJ	c
Fluoranthene	NA			< 83			110			< 91			110	J	c
Indeno(1,2,3-cd)pyrene	NA			< 170			< 170			< 180			< 180	UJ	c
Phenanthrene	NA			< 83			< 86			< 91			< 88	UJ	c
Pyrene	NA			< 83			120			< 91			110	J	c
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 7.22	UJ	b	< 6.89	UJ	d	< 7.19	UJ	d	< 7.62	UJ	d	< 7.31	UJ	d
4,4'-DDE	< 3.61	UJ	b	< 3.45	UJ	d	< 3.60	UJ	d	< 3.81	UJ	d	< 3.65	UJ	d
4,4'-DDT	< 7.22	UJ	b	< 6.89	UJ	d	< 7.19	UJ	d	< 7.62	UJ	d	< 7.31	UJ	d
Dieldrin	< 3.61	UJ	b	< 3.45	UJ	d	< 3.60	UJ	d	< 3.81	UJ	d	< 3.65	UJ	d
Endrin	< 3.61	UJ	b	< 3.45	UJ	d	< 3.60	UJ	d	< 3.81	UJ	d	< 3.65	UJ	d
Endrin Ketone	< 7.22	UJ	b	< 6.89	UJ	d	< 7.19	UJ	d	< 7.62	UJ	d	< 7.31	UJ	d
Heptachlor	< 3.61	UJ	b	< 3.45	UJ	d	< 3.60	UJ	d	< 3.81	UJ	d	< 3.65	UJ	d
Heptachlor Epoxide	< 3.61	UJ	b	< 3.45	UJ	d	< 3.60	UJ	d	< 3.81	UJ	d	< 3.65	UJ	d
Alpha-Chlordane	< 3.61	UJ	b	< 3.45	UJ	d	< 3.60	UJ	d	< 3.81	UJ	d	< 3.65	UJ	d
Delta-BHC	< 3.61	UJ	b	< 3.45	UJ	d	< 3.60	UJ	d	< 3.81	UJ	d	< 3.65	UJ	d
Gamma-Chlordane	< 3.61	UJ	b	< 3.45	UJ	d	< 3.60	UJ	d	< 3.81	UJ	d	< 3.65	UJ	d
Aroclor-1248	< 36	UJ	b	< 34	UJ	d	< 36	UJ	d	< 38	UJ	d	< 37	UJ	d
Aroclor-1260	83	J	b	100	J	d	430	J	d	210	J	d	< 37	UJ	d
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	NA			65.9			451			378			349		

Notes: NA = Not Analyzed
UJ = Qualified, estimated not detected
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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results fo .face Soil Samples - Organic Compounds

Sample Number	D-208			D-209			D-210			E-200			E-201		
Date Sampled	05/08/91			05/08/91			05/08/91			05/09/91			05/09/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 84			< 87			< 81			< 86			< 85		
Benzo(a)anthracene	140			< 110			< 100			< 110			< 110		
Benzo(a)pyrene	330			< 150			< 140			< 150			< 150		
Benzo(b)fluoranthene	390			120			< 100			< 110			< 110		
Benzo(g,h,i)perylene	< 170			< 170			< 160			< 170			< 170		
Benzo(k)fluoranthene	250			< 110			< 100			< 110			< 110		
Bis(2-ethylhexyl)phthalate	2400			600			22000			120			180		
Butylbenzylphthalate	< 110			< 110			< 100			< 110			< 110		
Chrysene	390			< 110			< 100			< 110			< 110		
Di-N-Butyl Phthalate	< 84			< 87			< 81			< 86			< 85		
Di-N-Octyl Phthalate	< 150			< 150			< 140			< 150			< 150		
Dibenzo(a,h)anthracene	< 170			< 170			< 160			< 170			< 170		
Fluoranthene	< 84			100			< 81			< 86			< 85		
Indeno(1,2,3-cd)pyrene	< 170			< 170			< 160			< 170			< 170		
Phenanthrene	< 84			< 87			< 81			< 86			< 85		
Pyrene	160			220			< 81			< 86			86		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	28			< 7.27			< 6.78			< 7.18	UJ	d	< 7.11	R	d
4,4'-DDE	< 3.52			< 3.64			< 3.39			< 3.59	UJ	d	< 3.55	R	d
4,4'-DDT	< 7.04			< 7.27			< 6.78			< 7.18	UJ	d	< 7.11	R	d
Dieldrin	36.7			< 3.64			< 3.39			< 3.59	UJ	d	< 3.55	R	d
Endrin	< 3.52			< 3.64			< 3.39			< 3.59	UJ	d	< 3.55	R	d
Endrin Ketone	10.9			< 7.27			< 6.78			< 7.18	UJ	d	< 7.11	R	d
Heptachlor	< 3.52			< 3.64			< 3.39			< 3.59	UJ	d	< 3.55	R	d
Heptachlor Epoxide	< 3.52			< 3.64			< 3.39			< 3.59	UJ	d	< 3.55	R	d
Alpha-Chlordane	3.79			< 3.64			< 3.39			< 3.59	UJ	d	< 3.55	R	d
Delta-BHC	< 3.52			< 3.64			< 3.39			< 3.59	UJ	d	< 3.55	R	d
Gamma-Chlordane	9.98			< 3.64			7.34			< 3.59	UJ	d	< 3.55	R	d
Aroclor-1248	< 35			< 36			< 34			< 36	UJ	d	< 36	R	d
Aroclor-1260	99			80			230			95	J	d	55	R	d
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	203			156			176			155			47.8		

Notes: NA = Not Analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	D-204			D-205			Duplicate D-205			D-206			D-207		
Date Sampled	05/08/91			05/08/91			05/08/91			05/08/91			05/08/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 86			< 83			< 83			< 84			< 86		
Benzo(a)anthracene	< 110			< 100			< 100			< 100			230		
Benzo(a)pyrene	< 150			< 140			< 150			< 150			290		
Benzo(b)fluoranthene	< 110			< 100			< 100			< 100			260		
Benzo(g,h,i)perylene	< 170			180			< 170			< 170			260		
Benzo(k)fluoranthene	< 110			< 100			< 100			< 100			140		
Bis(2-ethylhexyl)phthalate	1200			870			330			1600			300		
Butylbenzylphthalate	< 110			1400			< 100			< 100			< 110		
Chrysene	< 110			< 100			< 100			< 100			260		
Di-N-Butyl Phthalate	< 86			< 83			< 83			< 84			< 86		
Di-N-Octyl Phthalate	< 150			< 140			< 150			< 150			< 150		
Dibenzo(a,h)anthracene	< 170			< 170			< 170			< 170			< 170		
Fluoranthene	< 86			< 83			< 83			< 84			350		
Indeno(1,2,3-cd)pyrene	< 170			< 170			< 170			< 170			< 170		
Phenanthrene	< 86			< 83			< 83			< 84			260		
Pyrene	< 86			< 83			130			87			660		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	84.1			149			153			< 6.99			16.9		
4,4'-DDE	9.67			< 3.44			< 3.46			< 3.49			< 3.58		
4,4'-DDT	278			306			< 6.92			< 6.99			< 7.17		
Dieldrin	< 3.59			91.3			< 3.46			< 3.49			< 3.58		
Endrin	< 3.59			< 3.44			< 3.46			< 3.49			< 3.58		
Endrin Ketone	< 7.18			< 6.88			< 6.92			< 6.99			< 7.17		
Heptachlor	< 3.59			10.7			12.6			< 3.49			< 3.58		
Heptachlor Epoxide	< 3.59			6.95			< 3.46			< 3.49			< 3.58		
Alpha-Chlordane	< 3.59			24			20.6			< 3.49			< 3.58		
Delta-BHC	< 3.59			< 3.44			< 3.46			< 3.49			< 3.58		
Gamma-Chlordane	< 3.59			86.8			121			6.24			10.8		
Aroclor-1248	< 36			< 34			< 35			< 35			< 36		
Aroclor-1260	72			1200			2200			150			200		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	440			322			401			294			144		

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results fo[illegible] .ace Soil Samples - Organic Compounds

Sample Number	C-210			D-200			D-201			D-202			D-203		
Date Sampled	05/07/91			05/08/91			05/08/91			05/08/91			05/08/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 81			< 82			< 84			< 810			< 84		
Benzo(a)anthracene	< 100			< 100			< 110			< 1000			210		
Benzo(a)pyrene	< 140			< 140			< 150			< 1400			360		
Benzo(b)fluoranthene	< 100			< 100			< 110			< 1000			230		
Benzo(g,h,i)perylene	< 160			< 160			< 170			< 1600			580		
Benzo(k)fluoranthene	< 100			< 100			< 110			< 1000			200		
Bis(2-ethylhexyl)phthalate	350			120			< 110			11000			1600		
Butylbenzylphthalate	< 100			< 100			< 110			< 1000			< 110		
Chrysene	< 100			< 100			< 110			< 1000			210		
Di-N-Butyl Phthalate	< 81			< 82			< 84			< 810			< 84		
Di-N-Octyl Phthalate	< 140			< 140			< 150			< 1400			< 150		
Dibenzo(a,h)anthracene	< 160			< 160			< 170			< 1600			< 170		
Fluoranthene	< 81			< 82			< 84			< 810			310		
Indeno(1,2,3-cd)pyrene	< 160			< 160			< 170			< 1600			350		
Phenanthrene	< 81			< 82			< 84			< 810			150		
Pyrene	< 81			110			< 84			< 810			450		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 6.78			22.4			< 7.04			15.2			< 7.02		
4,4'-DDE	< 3.39			< 3.43			< 3.52			< 3.36			< 3.51		
4,4'-DDT	< 6.78			< 6.87			< 7.04			< 6.73			< 7.02		
Dieldrin	< 3.39			< 3.43			< 3.52			< 3.36			< 3.51		
Endrin	< 3.39			< 3.43			< 3.52			< 3.36			< 3.51		
Endrin Ketone	< 6.78			< 6.87			< 7.04			< 6.73			< 7.02		
Heptachlor	< 3.39			< 3.43			< 3.52			< 3.36			< 3.51		
Heptachlor Epoxide	< 3.39			< 3.43			< 3.52			< 3.36			< 3.51		
Alpha-Chlordane	< 3.39			65			< 3.52			< 3.36			17.8		
Delta-BHC	< 3.39			5.91			< 3.52			< 3.36			< 3.51		
Gamma-Chlordane	27.9			63.7			< 3.52			26.9			31.3		
Aroclor-1248	< 34			< 34			< 35			< 34			< 35		
Aroclor-1260	510			210			58			530			270		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	265			780			124			2620			213		

Notes: NA = Not Analyzed
UJ = Qualified, estimated not detected
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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	C-205			C-206			C-207			C-208			C-209		
Date Sampled	05/07/91			05/07/91			05/07/91			05/07/91			05/07/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 86			< 82			< 88			< 87			< 83		
Benzo(a)anthracene	< 110			< 100			140			< 110			< 100		
Benzo(a)pyrene	< 150			< 140			180			< 150			190		
Benzo(b)fluoranthene	< 110			130			180			< 110			180		
Benzo(g,h,i)perylene	< 170			180			200			< 170			< 170		
Benzo(k)fluoranthene	< 110			< 100			140			< 110			170		
Bis(2-ethylhexyl)phthalate	120			1800			470			1200			180		
Butylbenzylphthalate	< 110			100			< 110			< 110			< 100		
Chrysene	< 110			110			170			< 110			310		
Di-N-Butyl Phthalate	< 86			< 82			< 88			< 87			120		
Di-N-Octyl Phthalate	< 150			< 140			< 150			< 150			< 150		
Dibenzo(a,h)anthracene	< 170			< 160			< 180			< 170			< 170		
Fluoranthene	< 86			< 82			150			< 87			< 83		
Indeno(1,2,3-cd)pyrene	< 170			< 160			< 180			< 170			< 170		
Phenanthrene	< 86			< 82			120			< 87			< 83		
Pyrene	110			140			370	J	c,e	120	J	c,e	< 83		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 7.15			97.5	J	c	14.2			< 7.29			< 6.94		
4,4'-DDE	< 3.57			27.1	J	c	< 3.65			< 3.64			< 3.47		
4,4'-DDT	< 7.15			26.4	J	c	51.1			< 7.29			< 6.94		
Dieldrin	< 3.57			< 3.42			< 3.65			< 3.64			< 3.47		
Endrin	< 3.57			< 3.42			< 3.65			< 3.64			< 3.47		
Endrin Ketone	< 7.15			< 6.85			< 7.31			< 7.29			< 6.94		
Heptachlor	< 3.57			< 3.42			< 3.65			< 3.64			< 3.47		
Heptachlor Epoxide	< 3.57			< 3.42			< 3.65			< 3.64			< 3.47		
Alpha-Chlordane	< 3.57			30.9	J	c	< 3.65			< 3.64			< 3.47		
Delta-BHC	< 3.57			< 3.42			< 3.65			< 3.64			< 3.47		
Gamma-Chlordane	< 3.57			12.5	J	c	8.88			4.53			5.84		
Aroclor-1248	< 36			< 34			< 37			< 36			< 35		
Aroclor-1260	76	J	c	4000	J	c	220			110			140		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	1040			986			454			171			195		

Notes: NA = Not Analyzed
UJ = Qualified, estimated not detected
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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results f[illegible] .ace Soil Samples - Organic Compounds

Sample Number	C-201			C-202			C-203			Duplicate C-203			C-204		
Date Sampled	05/07/91			05/07/91			05/07/91			05/07/91			05/07/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 81			< 85			< 83			< 82			< 88		
Benzo(a)anthracene	< 100			< 110			< 100			< 100			< 110		
Benzo(a)pyrene	< 140			< 150			< 140			< 140			< 150		
Benzo(b)fluoranthene	< 100			< 110			< 100			110			< 110		
Benzo(g,h,i)perylene	< 160			< 170			< 170			190			< 180		
Benzo(k)fluoranthene	< 100			< 110			< 100			110			< 110		
Bis(2-ethylhexyl)phthalate	< 100			470			170			170			< 110		
Butylbenzylphthalate	< 100			< 110			< 100			< 100			< 110		
Chrysene	< 100			< 110			< 100			< 100			< 110		
Di-N-Butyl Phthalate	< 81			< 85			< 83			< 82			< 88		
Di-N-Octyl Phthalate	< 140			< 150			< 140			< 140			< 150		
Dibenzo(a,h)anthracene	< 160			< 170			< 170			< 160			< 180		
Fluoranthene	< 81			< 85			< 83			< 82			< 88		
Indeno(1,2,3-cd)pyrene	< 160			< 170			< 170			< 160			< 180		
Phenanthrene	< 81			< 85			< 83			< 82			< 88		
Pyrene	< 81			< 85			< 83			100			110		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 6.79			11.1	J	c	31.2	J	c	15.7	J	c	9.69	J	c
4,4'-DDE	< 3.39			< 3.52			< 3.44			< 3.42			< 3.66		
4,4'-DDT	< 6.79			< 7.05			< 6.88			< 6.84			< 7.31		
Dieldrin	< 3.39			< 3.52			< 3.44			< 3.42			< 3.66		
Endrin	< 3.39			< 3.52			< 3.44			< 3.42			< 3.66		
Endrin Ketone	< 6.79			< 7.05			< 6.88			< 6.84			< 7.31		
Heptachlor	< 3.39			< 3.52			< 3.44			< 3.42			< 3.66		
Heptachlor Epoxide	< 3.39			< 3.52			< 3.44			< 3.42			< 3.66		
Alpha-Chlordane	< 3.39			< 3.52			7.11	J	c	5.9	J	c	< 3.66		
Delta-BHC	< 3.39			< 3.52			< 3.44			< 3.42			< 3.66		
Gamma-Chlordane	< 3.39			< 3.52			< 3.44			< 3.42			< 3.66		
Aroclor-1248	< 34			< 35			< 34			< 34			< 37		
Aroclor-1260	< 34			150	J	c	250	J	c	260	J	c	110	J	c
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	43.8			317			1510			1400			144		

Notes: NA = Not Analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	B-208			B-209			Duplicate B-209			B-210			C-200		
Date Sampled	05/07/91			05/07/91			05/07/91			05/07/91			05/07/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 86			< 87			< 89			< 80			< 89		
Benzo(a)anthracene	< 110			< 110			< 110			< 100			< 110		
Benzo(a)pyrene	< 150			< 150			< 160			< 140			< 160		
Benzo(b)fluoranthene	< 110			< 110			< 110			< 100			< 110		
Benzo(g,h,i)perylene	< 170			< 170			< 180			< 160			< 180		
Benzo(k)fluoranthene	< 110			< 110			< 110			< 100			< 110		
Bis(2-ethylhexyl)phthalate	16000			< 110			230			680			740		
Butylbenzylphthalate	< 110			< 110			< 110			< 100			< 110		
Chrysene	< 110			< 110			< 110			< 100			< 110		
Di-N-Butyl Phthalate	< 86			< 87			< 89			300			< 89		
Di-N-Octyl Phthalate	< 150			< 150			< 160			210			< 160		
Dibenzo(a,h)anthracene	< 170			< 170			< 180			< 160			< 180		
Fluoranthene	< 86			< 87			< 89			< 80			< 89		
Indeno(1,2,3-cd)pyrene	< 170			< 170			< 180			< 160			< 180		
Phenanthrene	< 86			< 87			< 89			< 80			< 89		
Pyrene	< 86	UJ	c,e	< 87	UJ	c,e	< 89	UJ	c	< 80	UJ	c,e	120		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	35.3	J	c	17.1	J	c	< 7.44			22.1	J	c	16.2	J	c
4,4'-DDE	42.9	J	c	< 3.61			< 3.72			< 3.36			< 3.70		
4,4'-DDT	< 71.5			< 7.21			< 7.44			18.3	J	c	< 7.41		
Dieldrin	< 3.57			< 3.61			< 3.72			< 3.36			< 3.70		
Endrin	< 3.57			< 3.61			< 3.72			< 3.36			< 3.70		
Endrin Ketone	< 7.15			< 7.21			< 7.44			< 6.71			< 7.41		
Heptachlor	< 3.57			< 3.61			< 3.72			< 3.36			< 3.70		
Heptachlor Epoxide	< 3.57			< 3.61			< 3.72			< 3.36			< 3.70		
Alpha-Chlordane	< 3.57			< 3.61			< 3.72			< 3.36			< 3.70		
Delta-BHC	< 3.57			< 3.61			< 3.72			< 3.36			< 3.70		
Gamma-Chlordane	5.03			< 3.61			4.57			< 3.36			< 3.70		
Aroclor-1248	< 36			< 36			< 37			< 34			< 37		
Aroclor-1260	2100	J	c	190	J	c	160			130	J	c	170	J	c
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	282			195			121			688			271		

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Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Sample Number	B-203			B-204			B-205			B-206			B-207		
Date Sampled	05/07/91			05/07/91			05/07/91			05/07/91			05/07/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 87			< 95			< 87			< 86			< 84		
Benzo(a)anthracene	< 110			< 120			< 110			< 110			< 110		
Benzo(a)pyrene	< 150			< 170			< 150			< 150			< 150		
Benzo(b)fluoranthene	< 110			130			< 110			< 110			< 110		
Benzo(g,h,i)perylene	< 170			< 190			< 170			< 170			< 170		
Benzo(k)fluoranthene	< 110			< 120			< 110			< 110			< 110		
Bis(2-ethylhexyl)phthalate	120			2300			650			860			810		
Butylbenzylphthalate	< 110			< 120			< 110			< 110			< 110		
Chrysene	< 110			< 120			< 110			< 110			110		
Di-N-Butyl Phthalate	< 87			< 95			150			< 86			< 84		
Di-N-Octyl Phthalate	< 150			< 170			< 150			< 150			< 150		
Dibenzo(a,h)anthracene	< 170			< 190			< 170			< 170			< 170		
Fluoranthene	< 87			130			< 87			< 86			110		
Indeno(1,2,3-cd)pyrene	< 170			< 190			< 170			< 170			< 170		
Phenanthrene	< 87			< 95			< 87			< 86			< 84		
Pyrene	88	J	c,e	190	J	c,e	94	J	c,e	100	J	c,e	340	J	c,e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 7.22	R	b	18.5	J	c	< 7.23			< 7.19			< 7.03		
4,4'-DDE	< 3.61	R	b	< 3.97			< 3.61			< 3.59			< 3.51		
4,4'-DDT	< 7.22	R	b	< 7.95			< 7.23			< 7.19			< 7.03		
Dieldrin	< 3.61	R	b	< 3.97			< 3.61			< 3.59			< 3.51		
Endrin	< 3.61	R	b	< 3.97			< 3.61			< 3.59			< 3.51		
Endrin Ketone	< 7.22	R	b	< 7.95			< 7.23			< 7.19			< 7.03		
Heptachlor	< 3.61	R	b	< 3.97			< 3.61			< 3.59			< 3.51		
Heptachlor Epoxide	< 3.61	R	b	< 3.97			< 3.61			< 3.59			< 3.51		
Alpha-Chlordane	< 3.61	R	b	< 3.97			< 3.61			< 3.59			< 3.51		
Delta-BHC	< 3.61	R	b	< 3.97			< 3.61			< 3.59			< 3.51		
Gamma-Chlordane	< 3.61	R	b	< 3.97			< 3.61			< 3.59			< 3.51		
Aroclor-1248	< 36	R	b	< 40			< 36			< 36			< 35		
Aroclor-1260	< 36	R	b	190	J	c	98	J	c	100	J	c	71	J	c
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	92.8			134			331			504			79.3		

Notes: NA = Not Analyzed
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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	Duplicate A-208			A-209			A-210			B-201			B-202		
Date Sampled	05/07/91			05/07/91			05/07/91			05/07/91			05/07/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 84			< 91			< 87			< 86			< 91		
Benzo(a)anthracene	< 110			< 110			< 110			< 110			< 110		
Benzo(a)pyrene	< 150			< 160			< 150			< 150			< 160		
Benzo(b)fluoranthene	< 110			< 110			< 110			< 110			< 110		
Benzo(g,h,i)perylene	< 170			< 180			< 170			< 170			< 180		
Benzo(k)fluoranthene	< 110			< 110			< 110			< 110			< 110		
Bis(2-ethylhexyl)phthalate	410			170			210			380			1200		
Butylbenzylphthalate	< 110			< 110			< 110			< 110			< 110		
Chrysene	< 110			< 110			< 110			< 110			< 110		
Di-N-Butyl Phthalate	< 84			< 91			< 87			< 86			< 91		
Di-N-Octyl Phthalate	< 150			< 160			< 150			< 150			< 160		
Dibenzo(a,h)anthracene	< 170			< 180			< 170			< 170			< 180		
Fluoranthene	< 84			< 91			< 87			< 86			< 91		
Indeno(1,2,3-cd)pyrene	< 170			< 180			< 170			< 170			< 180		
Phenanthrene	< 84			< 91			< 87			< 86			< 91		
Pyrene	< 84	UJ	c,e	< 91	UJ	c,e	< 87			< 86	UJ	c,e	< 91	UJ	c,e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 7.00			< 7.59			< 7.25			< 7.17			< 7.57		
4,4'-DDE	< 3.50			< 3.80			< 3.62			< 3.59			< 3.79		
4,4'-DDT	< 7.00			< 7.59			< 7.25			< 7.17			< 7.57		
Dieldrin	< 3.50			< 3.80			< 3.62			< 3.59			< 3.79		
Endrin	< 3.50			< 3.80			< 3.62			< 3.59			< 3.79		
Endrin Ketone	< 7.00			< 7.59			< 7.25			< 7.17			< 7.57		
Heptachlor	< 3.50			< 3.80			< 3.62			< 3.59			< 3.79		
Heptachlor Epoxide	< 3.50			< 3.80			< 3.62			< 3.59			< 3.79		
Alpha-Chlordane	< 3.50			< 3.80			< 3.62			< 3.59			< 3.79		
Delta-BHC	< 3.50			< 3.80			< 3.62			< 3.59			< 3.79		
Gamma-Chlordane	< 3.50			< 3.80			< 3.62			< 3.59			< 3.79		
Aroclor-1248	< 35			< 38			< 36			< 36			< 38		
Aroclor-1260	64	J	e	< 38			< 36			85	J	c	130	J	c
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	236			96.3			69.4			169			72		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results fo[illegible]ace Soil Samples - Organic Compounds

Sample Number	A-204			A-205			A-206			A-207			A-208		
Date Sampled	05/07/91			05/07/91			05/07/91			05/07/91			05/07/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 82			< 88			< 82			< 88			< 85		
Benzo(a)anthracene	< 100			< 110			< 100			< 110			< 110		
Benzo(a)pyrene	< 140			< 150			< 140			< 150			< 150		
Benzo(b)fluoranthene	< 100			< 110			< 100			< 110			< 110		
Benzo(g,h,i)perylene	< 160			< 180			< 160			< 180			< 170		
Benzo(k)fluoranthene	< 100			< 110			< 100			< 110			< 110		
Bis(2-ethylhexyl)phthalate	< 100			25000			2900			350			1700		
Butylbenzylphthalate	< 100			< 110			< 100			< 110			< 110		
Chrysene	< 100			< 110			< 100			< 110			< 110		
Di-N-Butyl Phthalate	< 82			< 88			< 82			< 88			< 85		
Di-N-Octyl Phthalate	< 140			< 150			< 140			< 150			< 150		
Dibenzo(a,h)anthracene	< 160			< 180			< 160			< 180			< 170		
Fluoranthene	< 82			< 88			< 82			< 88			< 85		
Indeno(1,2,3-cd)pyrene	< 160			< 180			< 160			< 180			< 170		
Phenanthrene	< 82			< 88			< 82			< 88			< 85		
Pyrene	< 82	UJ	c,e	< 88	UJ	c,e	< 82	UJ	c,e	< 88	UJ	c,e	< 85	UJ	c,e
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	< 6.82			< 7.32			11.8			< 7.35			< 7.08		
4,4'-DDE	< 3.41			< 3.66			< 3.44			< 3.68			< 3.54		
4,4'-DDT	< 6.82			< 7.32			34.5			14.7			< 7.08		
Dieldrin	< 3.41			< 3.66			< 3.44			< 3.68			< 3.54		
Endrin	< 3.41			< 3.66			< 3.44			< 3.68			< 3.54		
Endrin Ketone	< 6.82			< 7.32			< 6.87			< 7.35			< 7.08		
Heptachlor	< 3.41			< 3.66			< 3.44			< 3.68			< 3.54		
Heptachlor Epoxide	< 3.41			< 3.66			< 3.44			< 3.68			< 3.54		
Alpha-Chlordane	< 3.41			< 3.66			< 3.44			< 3.68			< 3.54		
Delta-BHC	< 3.41			< 3.66			< 3.44			< 3.68			< 3.54		
Gamma-Chlordane	< 3.41			< 3.66			< 3.44			< 3.68			< 3.54		
Aroclor-1248	< 34			< 37			< 34			< 37			< 35		
Aroclor-1260	58	J	e	150	J	e	120	J	e	50	J	e	93	J	e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	197			223			457			117			269		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 Analytical Results for Surface Soil Samples - Organic Compounds

Sample Number	A-201			A-202			Resample A-202			A-203			Resample A-203		
Date Sampled	05/06/91			05/06/91			05/28/91			05/06/91			05/28/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Semivolatile Organics (µg/kg-Dry)															
Anthracene	< 82			< 81			NA			< 97			NA		
Benzo(a)anthracene	< 100			< 100			NA			200			NA		
Benzo(a)pyrene	140			< 140			NA			410			NA		
Benzo(b)fluoranthene	220			< 100			NA			320			NA		
Benzo(g,h,i)perylene	< 160			240			NA			410			NA		
Benzo(k)fluoranthene	160			< 100			NA			260			NA		
Bis(2-ethylhexyl)phthalate	7600			1200			NA			20000			NA		
Butylbenzylphthalate	< 100			< 100			NA			< 120			NA		
Chrysene	220			< 100			NA			250			NA		
Di-N-Butyl Phthalate	< 82			< 81			NA			140			NA		
Di-N-Octyl Phthalate	< 140			< 140			NA			< 170			NA		
Dibenzo(a,h)anthracene	< 160			< 160			NA			< 190			NA		
Fluoranthene	280			< 81			NA			290			NA		
Indeno(1,2,3-cd)pyrene	< 160			< 160			NA			350			NA		
Phenanthrene	110			< 81			NA			140			NA		
Pyrene	300			97			NA			620			NA		
Pesticides/PCBS (µg/kg-Dry)															
4,4'-DDD	10.1			24.5	R	d	< 6.71			28.2	R	d	< 6.75		
4,4'-DDE	< 3.40			< 3.38	R	d	< 3.35			< 4.02	R	d	< 3.37		
4,4'-DDT	< 6.80			< 6.75	R	d	< 6.71			< 8.04	R	d	< 6.75		
Dieldrin	< 3.40			< 3.38	R	d	< 3.35			< 4.02	R	d	< 3.37		
Endrin	< 3.40			< 3.38	R	d	< 3.35			< 4.02	R	d	< 3.37		
Endrin Ketone	< 6.80			< 6.75	R	d	< 6.71			< 8.04	R	d	< 6.75		
Heptachlor	< 3.40			< 3.38	R	d	< 3.35			< 4.02	R	d	< 3.37		
Heptachlor Epoxide	< 3.40			< 3.38	R	d	< 3.35			< 4.02	R	d	< 3.37		
Alpha-Chlordane	10.3			5.88	R	d	< 3.35			7.23	R	d	< 3.37		
Delta-BHC	< 3.40			< 3.38	R	d	< 3.35			< 4.02	R	d	< 3.37		
Gamma-Chlordane	15.3			26.8	R	d	< 3.35			30.1	R	d	< 3.37		
Aroclor-1248	< 34			< 34	R	d	< 34			< 40	R	d	< 34		
Aroclor-1260	270	J	e	460	R	d	650			800	R	d	910		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons, Petroleum	617			984			NA			565			NA		

Notes: NA = Not Analyzed
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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - West Beach Landfill - Soil Samples from Late Pleistocene and Holocene Alluvial/Eolian Deposits - Organic Compounds

Sample Number	M-013C-070			M-020B-058			M-021C-092		
Date Sampled	05/24/91			05/20/91			05/16/91		
Depth of Sample	70.0 ft			57.0 ft			92.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)									
Acetone	42	UJ	a	23	UJ	a	170		
Chlorobenzene	< 6.1			< 6.0			< 38		
Ethylbenzene	< 6.1			< 6.0			< 38		
Xylene	< 6.1			< 6.0			< 38		
Semivolatile Organics (µg/kg-Dry)									
Benzo(a)pyrene	< 170			< 170			340		
Bis(2-ethylhexyl)phthalate	400			320			170		
Pesticides/PCBs (µg/kg-Dry)	ND			ND			ND		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)									
Hydrocarbons,Petroleum	NA			NA			NA		
Oil And Grease (mg/kg-Dry)									
Oil&Gr,IR	NA			NA			NA		

Notes: NA = Not analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Organic Compounds

Sample Number	M-024E-010			M-024E-019		
Date Sampled	05/06/91			05/06/91		
Depth of Sample	10.0 ft			17.2 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)						
Acetone	3100			46	UJ	a
Chlorobenzene	370			< 6.1		
Ethylbenzene	< 31			< 6.1		
Xylene	< 31			< 6.1		
Semivolatile Organics (µg/kg-Dry)						
1,4-Dichlorobenzene	400			< 97		
2,4-Dinitrotoluene	180			< 170		
2-Methylnaphthalene	2100			< 120		
Acenaphthene	860			< 97		
Anthracene	100			< 97		
Benzo(a)anthracene	< 120			< 120		
Benzo(a)pyrene	< 170			< 170		
Benzo(b)fluoranthene	< 120			< 120		
Benzo(g,h,i)perylene	< 200			< 190		
Benzo(k)fluoranthene	< 120			< 120		
Bis(2-ethylhexyl)phthalate	1500			200		
Butylbenzylphthalate	< 120			< 120		
Chrysene	150			< 120		
Di-N-Butylphthalate	< 99			< 97		
Dibenzo(a,h)anthracene	< 200			< 190		
Dibenzofuran	470			< 150		
Fluoranthene	250			< 97		
Fluorene	580			< 97		
Indeno(1,2,3-cd)pyrene	< 200			< 190		
Naphthalene	920			< 97		
Phenanthrene	820			< 97		
Pyrene	280	J	c,e	130		
Pesticides/PCBs (µg/kg-Dry)						
4,4'-DDD	NA			< 8.11		
4,4'-DDE	NA			< 4.06		
4,4'-DDT	NA			< 8.11		
Dieldrin	NA			< 4.06		
Heptachlor	NA			< 4.06		
Alpha-Chlordane	NA			< 4.06		
Gamma-Chlordane	NA			< 4.06		
Aroclor-1248	NA			< 41		
Aroclor-1260	NA			< 41		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)						
Hydrocarbons, Petroleum	NA			NA		
Oil And Grease (mg/kg-Dry)						
Oil&Gr, Ir	NA			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Sample Number	M-022E-035			M-023A-000			M-023A-004			M-023E-025			M-024A-000			M-024A-003		
Date Sampled	05/09/91			05/03/91			05/07/91			05/08/91			05/03/91			05/03/91		
Depth of Sample	32.0 ft			0.0 ft			3.5 ft			20.0 ft			0.0 ft			1.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)																		
Acetone	51	UJ	a	NA			180			120			NA			92	UJ	a
Chlorobenzene	< 5.7			NA			< 5.5			< 6.1			NA			40		
Ethylbenzene	< 5.7			NA			< 5.5			< 6.1			NA			7.1		
Xylene	< 5.7			NA			< 5.5			< 6.1			NA			14		
Semivolatile Organics (µg/kg-Dry)																		
1,4-Dichlorobenzene	< 92			< 84			< 440			< 98			< 83			< 2200		
2,4-Dinitrotoluene	< 160			< 150			< 780			< 170			< 150			< 3800		
2-Methylnaphthalene	< 110			< 110			< 550			< 120			< 100			< 2700		
Acenaphthene	< 92			< 84			< 440			< 98			< 83			< 2200		
Anthracene	< 92			< 84			< 440			< 98			< 83			< 2200		
Benzo(a)anthracene	< 110			< 110			< 550			< 120			640			< 2700		
Benzo(a)pyrene	< 160			< 150			< 780			< 170			830			< 3800		
Benzo(b)fluoranthene	< 110			120			< 550			< 120			670			< 2700		
Benzo(g,h,i)perylene	< 180			< 170			< 890			< 200			810			< 4300		
Benzo(k)fluoranthene	< 110			< 110			< 550			< 120			660			< 2700		
Bis(2-ethylhexyl)phthalate	220			220			1100			190			1200			6500		
Butylbenzylphthalate	< 110			< 110			< 550			< 120			280			< 2700		
Chrysene	< 110			110			< 550			< 120			850			< 2700		
Di-N-Butylphthalate	< 92			< 84			< 440			< 98			< 83			< 2200		
Dibenzo(a,h)anthracene	< 180			< 170			< 890			< 200			170			< 4300		
Dibenzofuran	< 140			< 130			< 660			< 150			< 120			< 3300		
Fluoranthene	< 92			95			< 440			< 98			780			2300		
Fluorene	< 92			< 84			< 440			< 98			< 83			< 2200		
Indeno(1,2,3-cd)pyrene	< 180			< 170			< 890			< 200			640			< 4300		
Naphthalene	< 92			< 84			< 440			< 98			< 83			2400		
Phenanthrene	< 92			< 84			< 440			< 98			420			3600		
Pyrene	< 92	UJ	c,e	200			580	J	c,e	< 98	UJ	c,e	1200			3200		
Pesticides/PCBs (µg/kg-Dry)																		
4,4'-DDD	< 7.65			13	J	b,e	70.3			< 8.14			47.4	J	b	38.5		
4,4'-DDE	< 3.83			4.41	J	b,e	7.25			< 4.07			< 3.47			6.12		
4,4'-DDT	< 7.65			< 7.01			< 7.38			< 8.14			120	J	b	< 7.22		
Dieldrin	< 3.83			< 3.51			< 3.69			< 4.07			< 3.47			< 3.61		
Heptachlor	< 3.83			< 3.51			< 3.69			< 4.07			12.4	J	b	< 3.61		
Alpha-Chlordane	< 3.83			< 3.51			< 3.69			< 4.07			161	J	b	< 3.61		
Gamma-Chlordane	< 3.83			8.83	J	b,e	< 3.69			< 4.07			202	J	b	29.5		
Aroclor-1248	< 38			< 35			< 37			< 41			< 35			< 36		
Aroclor-1260	< 38			250	J	b,e	180	J	e	160	J	b,e	1200	J	b,e	1800	J	e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)																		
Hydrocarbons, Petroleum	NA			140			NA			NA			534			NA		
Oil And Grease (mg/kg-Dry)																		
Oil&Gr, Ir	NA			445			NA			NA			1580			NA		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Organic Compounds

Sample Number	M-021A-005			M-021C-000			M-021E-034			M-022A-005			Duplicate M-022A-005			M-022B-000		
Date Sampled	05/15/91			05/03/91			05/14/91			05/10/91			05/10/91			05/03/91		
Depth of Sample	3.0 ft			0.0 ft			34.0 ft			2.0 ft			2.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)																		
Acetone	40	UJ	a	NA			63	UJ	a	190			1300			NA		
Chlorobenzene	< 5.5			NA			< 6.2			< 6.0			< 29			NA		
Ethylbenzene	< 5.5			NA			< 6.2			< 6.0			< 29			NA		
Xylene	< 5.5			NA			< 6.2			< 6.0			< 29			NA		
Semivolatile Organics (µg/kg-Dry)																		
1,4-Dichlorobenzene	< 88			< 84			< 99			< 96			< 94			< 89		
2,4-Dinitrotoluene	< 150			< 150			< 170			< 170			< 160			< 160		
2-Methylnaphthalene	< 110			< 110			< 120			< 120			< 120			< 110		
Acenaphthene	< 88			< 84			< 99			< 96			< 94			< 89		
Anthracene	< 88			< 84			< 99			< 96			< 94			< 89		
Benzo(a)anthracene	< 110			< 110			< 120			120			170			< 110		
Benzo(a)pyrene	< 150			< 150			< 170			230			290			< 160		
Benzo(b)fluoranthene	< 110			< 110			< 120			190			300			< 110		
Benzo(g,h,i)perylene	< 180			< 170			< 200			240			480			< 180		
Benzo(k)fluoranthene	< 110			< 110			< 120			150			< 120			< 110		
Bis(2-ethylhexyl)phthalate	4100			< 110			200	UJ	a	130			< 120			< 110		
Butylbenzylphthalate	< 110			< 110			< 120			< 120			< 120			< 110		
Chrysene	< 110			< 110			< 120			180			210			< 110		
Di-N-Butylphthalate	< 88			< 84			< 99			< 96			< 94			< 89		
Dibenzo(a,h)anthracene	< 180			< 170			< 200			< 190			< 190			< 180		
Dibenzofuran	< 130			< 130			< 150			< 140			< 140			< 130		
Fluoranthene	< 88			< 84			< 99			240			280			130		
Fluorene	< 88			< 84			< 99			< 96			< 94			< 89		
Indeno(1,2,3-cd)pyrene	< 180			< 170			< 200			< 190			360			< 180		
Naphthalene	< 88			< 84			< 99			< 96			< 94			< 89		
Phenanthrene	< 88			< 84			< 99			< 96			< 94			< 89		
Pyrene	< 88			< 84			< 99			760			510			180		
Pesticides/PCBs (µg/kg-Dry)																		
4,4'-DDD	< 7.34			7.08	J	b,e	< 8.24			73.6			< 78.3	UJ	d	10.1		
4,4'-DDE	< 3.67			< 3.52			< 4.12			22.8			< 39.2	UJ	d	< 3.71		
4,4'-DDT	< 7.34			< 7.04			< 8.24			< 7.96			< 78.3	UJ	d	< 7.41		
Dieldrin	< 3.67			5.47	J	b,e	< 4.12			< 3.98			< 39.2	UJ	d	4.12		
Heptachlor	< 3.67			< 3.52			< 4.12			< 1.59			< 39.2	UJ	d	< 3.71		
Alpha-Chlordane	< 3.67			< 3.52			< 4.12			< 3.98			< 39.2	UJ	d	< 3.71		
Gamma-Chlordane	< 3.67			5.64	J	b,e	< 4.12			11.9			< 39.2	UJ	d	3.86		
Aroclor-1248	< 37			< 35			< 41			330			< 390	UJ	d	< 37		
Aroclor-1260	< 37			240	J	b,e	< 41			310	J	e	< 390	UJ	d	140	J	e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)																		
Hydrocarbons, Petroleum	NA			70.3			NA			NA			NA			174		
Oil And Grease (mg/kg-Dry)																		
Oil&Gr, Ir	NA			198			NA			NA			NA			405		

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c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Sample Number	M-019A-000			M-019E-004			M-019E-034			M-020A-004			M-020B-000			M-020E-033		
Date Sampled	05/03/91			05/20/91			05/20/91			05/16/91			05/03/91			05/16/91		
Depth of Sample	0.0 ft			4.0 ft			34.0 ft			3.0 ft			0.0 ft			32.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)																		
Acetone	NA			33	UJ	a	65	UJ	a	160			NA			230		
Chlorobenzene	NA			< 5.3			< 6.0			< 5.2			NA			< 6.1		
Ethylbenzene	NA			< 5.3			< 6.0			< 5.2			NA			< 6.1		
Xylene	NA			< 5.3			< 6.0			< 5.2			NA			< 6.1		
Semivolatile Organics (µg/kg-Dry)																		
1,4-Dichlorobenzene	< 83			< 84			< 96			< 73			< 82			< 98		
2,4-Dinitrotoluene	< 140			< 150			< 170			< 150			< 140			< 170		
2-Methylnaphthalene	< 100			< 110			< 120			< 100			< 100			< 120		
Acenaphthene	< 83			< 84			< 96			< 73			< 82			< 98		
Anthracene	< 83			< 84			< 96			< 73			< 82			< 98		
Benzo(a)anthracene	< 100			< 110			< 120			< 100			< 100			< 120		
Benzo(a)pyrene	< 140			< 150			< 170			< 150			< 140			< 170		
Benzo(b)fluoranthene	< 100			< 110			< 120			< 100			< 100			< 120		
Benzo(g,h,i)perylene	< 170			< 170			< 190			< 170			< 160			< 200		
Benzo(k)fluoranthene	< 100			< 110			< 120			< 100			< 100			< 120		
Bis(2-ethylhexyl)phthalate	< 100			1700			750			110			< 100			1100		
Butylbenzylphthalate	< 100			< 110			< 120			< 100			< 100			< 120		
Chrysene	< 100			< 110			< 120			< 100			< 100			< 120		
Di-N-Butylphthalate	< 83			< 84			< 96			< 73			< 82			< 98		
Dibenzo(a,h)anthracene	< 170			< 170			< 190			< 170			< 160			< 200		
Dibenzofuran	< 120			< 130			< 140			< 130			< 120			< 150		
Fluoranthene	< 83			< 84			< 96			< 73			< 82			< 98		
Fluorene	< 83			< 84			< 96			< 73			< 82			< 98		
Indeno(1,2,3-cd)pyrene	< 170			< 170			< 190			< 170			< 160			< 200		
Naphthalene	< 83			< 84			< 96			< 73			< 82			< 98		
Phenanthrene	< 83			< 84			< 96			< 73			< 82			< 98		
Pyrene	100			< 84	UJ	c,e	< 96	UJ	c,e	< 73			88			< 98		
Pesticides/PCBs (µg/kg-Dry)																		
4,4'-DDD	0.004			< 7.01			< 7.97			< 6.97			< 6.86			< 8.16		
4,4'-DDE	< 3.44			< 3.51			< 3.99			< 3.49			< 3.43			< 4.08		
4,4'-DDT	< 6.89			8.3			< 7.97			< 6.97			< 6.86			< 8.16		
Dieldrin	< 3.44			< 3.51			< 3.99			< 3.49			< 3.43			< 4.08		
Heptachlor	< 3.44			< 3.51			< 3.99			< 3.49			< 3.43			< 4.08		
Alpha-Chlordane	< 3.44			< 3.51			< 3.99			< 3.49			< 3.43			< 4.08		
Gamma-Chlordane	5.05			< 3.51			< 3.99			< 3.49			5.73	J	b,e	< 4.08		
Aroclor-1248	< 34			< 35			< 40			< 35			< 34			< 41		
Aroclor-1260	120	J	e	< 35			< 40			< 35			160	J	b,e	< 41		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)																		
Hydrocarbons, Petroleum	78.7			NA			NA			NA			84.9			NA		
Oil And Grease (mg/kg-Dry)																		
Oil&Gr, Ir	229			NA			NA			NA			180			NA		

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b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
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h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Organic Compounds

Sample Number	M-017A-000			M-017A-005			M-018A-000			M-018A-006			M-018E-046			Duplicate M-018E-046		
Date Sampled	05/16/91			05/22/91			05/03/91			05/22/91			05/21/91			05/21/91		
Depth of Sample	0.0 ft			5.0 ft			0.0 ft			3.0 ft			45.0 ft			45.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)																		
Acetone	NA			< 10.0			NA			< 10.0			< 12			47	UJ	a
Chlorobenzene	NA			< 5.2			NA			< 5.2			< 6.1			< 5.8		
Ethylbenzene	NA			< 5.2			NA			< 5.2			< 6.1			< 5.8		
Xylene	NA			< 5.2			NA			< 5.2			< 6.1			< 5.8		
Semivolatile Organics (µg/kg-Dry)																		
1,4-Dichlorobenzene	< 74			< 84	R	b	< 83			< 83			< 97			< 93		
2,4-Dinitrotoluene	< 150			< 150	R	b	< 140			< 150			< 170			< 160		
2-Methylnaphthalene	< 110			< 100	R	b	< 100			< 100			< 120			< 120		
Acenaphthene	< 74			< 84	R	b	< 83			< 83			< 97			< 93		
Anthracene	< 74			< 84	R	b	< 83			< 83			< 97			< 93		
Benzo(a)anthracene	< 110			< 100	R	b	< 100			< 100			< 120			< 120		
Benzo(a)pyrene	< 150			< 150	R	b	< 140			< 150			< 170			< 160		
Benzo(b)fluoranthene	< 110			< 100	R	b	100			< 100			< 120			< 120		
Benzo(g,h,i)perylene	< 170			< 170	R	b	< 170			< 170			< 190			< 190		
Benzo(k)fluoranthene	< 110			< 100	R	b	< 100			< 100			< 120			< 120		
Bis(2-ethylhexyl)phthalate	630			< 100	R	b	< 100			< 100			< 120			< 120		
Butylbenzylphthalate	< 110			< 100	R	b	< 100			< 100			< 120			< 120		
Chrysene	< 110			< 100	R	b	< 100			< 100			< 120			< 120		
Di-N-Butylphthalate	< 74			< 84	R	b	< 83			< 83			< 97			< 93		
Dibenzo(a,h)anthracene	< 170			< 170	R	b	< 170			< 170			< 190			< 190		
Dibenzofuran	< 130			< 130	R	b	< 120			< 120			< 150			< 140		
Fluoranthene	< 74			< 84	R	b	< 83			< 83			< 97			< 93		
Fluorene	< 74			< 84	R	b	< 83			< 83			< 97			< 93		
Indeno(1,2,3-cd)pyrene	< 170			< 170	R	b	< 170			< 170			< 190			< 190		
Naphthalene	< 74			< 84	R	b	< 83			< 83			< 97			< 93		
Phenanthrene	< 74			< 84	R	b	< 83			< 83			< 97			< 93		
Pyrene	< 74			< 84	R	b	150			< 83	UJ	c,e	< 97	UJ	c,e	< 93	UJ	c,e
Pesticides/PCBs (µg/kg-Dry)																		
4,4'-DDD	< 7.09			< 6.97			9.18			< 6.91			< 8.11			< 7.77		
4,4'-DDE	< 3.55			< 3.48			< 3.45			< 3.45			< 4.06			< 3.89		
4,4'-DDT	< 7.09			< 6.97			< 6.90			< 6.91			< 8.11			< 7.77		
Dieldrin	< 3.55			< 3.48			18.6			< 3.45			< 4.06			< 3.89		
Heptachlor	< 3.55			< 3.48			< 3.45			< 3.45			< 4.06			< 3.89		
Alpha-Chlordane	< 3.55			< 3.48			< 3.45			< 3.45			< 4.06			< 3.89		
Gamma-Chlordane	< 3.55			< 3.48			6.33			< 3.45			< 4.06			< 3.89		
Aroclor-1248	< 35			< 35			< 34			< 35			< 41			< 39		
Aroclor-1260	69	J	e	< 35			150	J	e	< 35			< 41			< 39		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)																		
Hydrocarbons, Petroleum	519			NA			231			NA			NA			NA		
Oil And Grease (mg/kg-Dry)																		
Oil&Gr, Ir	720			NA			674			NA			NA			NA		

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e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Sample Number	M-014B-000			M-015A-000			M-015A-005			M-016A-000			M-016A-004			M-016A-004		
Date Sampled	12/1/90			05/16/91			05/28/91			05/16/91			05/22/91			08/09/91		
Depth of Sample	0.5 ft			0.0 ft			2.0 ft			0.0 ft			4.0 ft			4.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)																		
Acetone	NA			NA			< 11			NA			< 10.0			NA		
Chlorobenzene	NA			NA			< 5.3			NA			< 5.2			NA		
Ethylbenzene	NA			NA			< 5.3			NA			< 5.2			NA		
Xylene	NA			NA			< 5.3			NA			< 5.2			NA		
Semivolatile Organics (µg/kg-Dry)																		
1,4-Dichlorobenzene	< 0.17			< 72			< 85			< 75			NA			< 73		
2,4-Dinitrotoluene	< 0.17			< 140			< 150			< 150			NA			< 150		
2-Methylnaphthalene	< 0.17			< 100			< 110			< 110			NA			< 100		
Acenaphthene	< 0.17			< 72			< 85			< 75			NA			< 73		
Anthracene	< 0.17			< 72			< 85			< 75			NA			< 73		
Benzo(a)anthracene	< 0.17			930			< 110			< 110			NA			< 100		
Benzo(a)pyrene	< 0.17			< 140			< 150			< 150			NA			< 150		
Benzo(b)fluoranthene	< 0.17			2800			< 110			< 110			NA			< 100		
Benzo(g,h,i)perylene	< 0.17			< 170			< 170			< 170			NA			< 170		
Benzo(k)fluoranthene	< 0.17			< 100			< 110			< 110			NA			< 100		
Bis(2-ethylhexyl)phthalate	< 0.17			< 100			< 110			< 110			NA			< 100		
Butylbenzylphthalate	< 0.17			< 100			< 110			< 110			NA			< 100		
Chrysene	< 0.17			1500			< 110			< 110			NA			< 100		
Di-N-Butylphthalate	< 0.17			< 72			< 85			< 75			NA			< 73		
Dibenzo(a,h)anthracene	< 0.17			< 170			< 170			< 170			NA			< 170		
Dibenzofuran	< 0.17			< 120			< 130			< 130			NA			< 120		
Fluoranthene	< 0.17			1900			< 85			< 75			NA			< 73		
Fluorene	< 0.17			< 72			< 85			< 75			NA			< 73		
Indeno(1,2,3-cd)pyrene	< 0.17			< 170			< 170			< 170			NA			< 170		
Naphthalene	< 0.17			< 72			< 85			< 75			NA			< 73		
Phenanthrene	< 0.17			440			< 85			< 75			NA			< 73		
Pyrene	< 0.17			1600			< 85			< 75			NA			< 73		
Pesticides/PCBs (µg/kg-Dry)																		
4,4'-DDD	< 0.010			< 6.89			9.54			12.1	J	b	< 6.92			NA		
4,4'-DDE	< 0.010			< 3.44			< 3.55			< 3.55			< 3.46			NA		
4,4'-DDT	< 0.010			< 6.89			< 7.09			< 7.11			< 6.92			NA		
Dieldrin	< 0.010			< 3.44			< 3.55			< 3.55			< 3.46			NA		
Heptachlor	< 0.0050			< 3.44			< 3.55			< 3.55			< 3.46			NA		
Alpha-Chlordane	< 0.0050			< 3.44			< 3.55			< 3.55			< 3.46			NA		
Gamma-Chlordane	< 0.0050			< 3.44			< 3.55			< 3.55			< 3.46			NA		
Aroclor-1248	< 0.050			< 34			< 35			< 36			< 35			NA		
Aroclor-1260	< 0.050			< 34			< 35			140	J	b,e	< 35			NA		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)																		
Hydrocarbons, Petroleum	NA			98			NA			132			NA			NA		
Oil And Grease (mg/kg-Dry)																		
Oil&Gr, Ir	NA			278			NA			399			NA			NA		

Qualifiers:

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b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Soil Samples in Fill - Organic Compounds

Sample Number Date Sampled Depth of Sample	M-010B-000 11/28/90 0.5 ft			M-011A-000 05/16/91 0.0 ft			M-011A-004 05/28/91 2.0 ft			M-012B-000 12/1/90 0.5 ft			M-013A-003 05/28/91 1.5 ft			M-013C-000 05/16/91 0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)																		
Acetone	NA			NA			140	UJ	a	NA			26	UJ	a	NA		
Chlorobenzene	NA			NA			< 5.6			NA			< 5.5			NA		
Ethylbenzene	NA			NA			< 5.6			NA			< 5.5			NA		
Xylene	NA			NA			< 5.6			NA			< 5.5			NA		
Semivolatile Organics (µg/kg-Dry)																		
1,4-Dichlorobenzene	< 0.17			< 71			< 89			< 0.17			< 88			< 71		
2,4-Dinitrotoluene	< 0.17			< 140			< 160			< 0.17			< 150			< 140		
2-Methylnaphthalene	< 0.17			< 100			< 110			< 0.17			< 110			< 100		
Acenaphthene	< 0.17			< 71			< 89			< 0.17			< 88			< 71		
Anthracene	< 0.17			< 71			< 89			< 0.17			< 88			< 71		
Benzo(a)anthracene	< 0.17			< 100			< 110			< 0.17			< 110			< 100		
Benzo(a)pyrene	< 0.17			< 140			< 160			< 0.17			< 150			< 140		
Benzo(b)fluoranthene	< 0.17			200			< 110			< 0.17			< 110			< 100		
Benzo(g,h,i)perylene	< 0.17			< 160			< 180			< 0.17			< 180			< 160		
Benzo(k)fluoranthene	< 0.17			< 100			< 110			< 0.17			< 110			< 100		
Bis(2-ethylhexyl)phthalate	< 0.17			300			200			< 0.17			520			< 100		
Butylbenzylphthalate	< 0.17			< 100			< 110			< 0.17			< 110			< 100		
Chrysene	< 0.17			210			< 110			< 0.17			< 110			< 100		
Di-N-Butylphthalate	< 0.17			170			< 89			< 0.17			< 88			< 71		
Dibenzo(a,h)anthracene	< 0.17			< 160			< 180			< 0.17			< 180			< 160		
Dibenzofuran	< 0.17			< 120			< 130			< 0.17			< 130			< 120		
Fluoranthene	< 0.17			< 71			< 89			< 0.17			< 88			< 71		
Fluorene	< 0.17			< 71			< 89			< 0.17			< 88			< 71		
Indeno(1,2,3-cd)pyrene	< 0.17			< 160			< 180			< 0.17			< 180			< 160		
Naphthalene	< 0.17			< 71			< 89			< 0.17			< 88			< 71		
Phenanthrene	< 0.17			73			< 89			< 0.17			< 88			< 71		
Pyrene	< 0.17			120			< 89			< 0.17			< 88			< 71		
Pesticides/PCBs (µg/kg-Dry)																		
4,4'-DDD	< 0.010			20.2	J	b	< 7.43			< 0.010			< 7.34			< 6.78		
4,4'-DDE	< 0.010			3.46	J	b.	< 3.72			< 0.010			< 3.67			< 3.39		
4,4'-DDT	< 0.010			37.2	J	b	< 7.43			< 0.010			< 7.34			< 6.78		
Dieldrin	< 0.010			< 3.39			< 3.72			< 0.010			< 3.67			< 3.39		
Heptachlor	< 0.0050			< 3.39			< 3.72			< 0.0050			< 3.67			< 3.39		
Alpha-Chlordane	< 0.0050			< 3.39			< 3.72			< 0.0050			< 3.67			< 3.39		
Gamma-Chlordane	< 0.0050			< 3.39			< 3.72			< 0.0050			< 3.67			< 3.39		
Aroclor-1248	< 0.050			< 34			< 37			< 0.050			< 37			< 34		
Aroclor-1260	< 0.050			280	J	b,e	< 37			< 0.050			< 37			< 34		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)																		
Hydrocarbons, Petroleum	NA			2100			NA			NA			NA			48.9		
Oil And Grease (mg/kg-Dry)																		
Oil&Gr, Ir	NA			4790			NA			NA			NA			250		

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b = surrogate spike
c = matrix spike
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e = LCS
f = replicate
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h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Sediment Samples - Organic Compounds

Sample Number	312SD		
Date Sampled	05/30/91		
Depth of Sample	0.0 ft		
PARAMETER REPORTED	Results	Val	Com
Volatile Organics (µg/kg-Dry)			
Acetone	97		
Semivolatile Organics (µg/kg-Dry)			
Benzo(b)fluoranthene	< 190		
Bis(2-ethylhexyl)phthalate	< 190		
Fluoranthene	< 130		
Phenol	< 270		
Pyrene	< 130		
Pesticides/PCB (µg/kg-Dry)			
4,4'-DDD	< 12.7		
4,4'-DDE	< 6.37		
4,4'-DDT	< 12.7		
Aroclor-1260	< 64		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)			
Hydrocarbons,Petroleum	82		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Sediment Samples - Organic Compounds

Sample Number	309SD			310SD			Duplicate 310SD			311SD		
Date Sampled	05/30/91			05/30/91			05/30/91			05/30/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)												
Acetone	< 20			< 18			350			< 13		
Semivolatile Organics (µg/kg-Dry)												
Benzo(b)fluoranthene	< 200			< 180			< 200	R	b	< 130		
Bis(2-ethylhexyl)phthalate	270			220			220	J	b	< 130		
Fluoranthene	< 160			< 140			< 160	R	b	< 91		
Phenol	< 280			< 250			< 280	R	b	< 180		
Pyrene	< 160			< 140			190	J	b	< 91		
Pesticides/PCB (µg/kg-Dry)												
4,4'-DDD	< 13.3			< 12.1			15.7			< 8.64		
4,4'-DDE	9.91			< 6.03			11.1			< 4.32		
4,4'-DDT	< 13.3			< 12.1			< 13.2			< 8.64		
Aroclor-1260	240	J	e	130	J	e	260			< 43		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)												
Hydrocarbons,Petroleum	85.8			< 51.5			< 56.5			55.6		

Qualifiers:

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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Sediment Samples - Organic Compounds

Sample Number	305SD			306SD			307SD			308SD		
Date Sampled	05/31/91			05/30/91			05/30/91			05/30/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)												
Acetone	250			71	UJ	a	150			170		
Semivolatile Organics (µg/kg-Dry)												
Benzo(b)fluoranthene	< 190			< 140			230			< 130		
Bis(2-ethylhexyl)phthalate	< 190			< 140			240			< 130		
Fluoranthene	< 130			< 110			170			< 110		
Phenol	< 260			< 190			< 260			< 180		
Pyrene	310			< 110			280			< 110		
Pesticides/PCB (µg/kg-Dry)												
4,4'-DDD	< 12.5			< 9.14			< 12.6			< 8.78		
4,4'-DDE	< 6.25			7.09			6.5			< 4.39		
4,4'-DDT	< 12.5			< 9.14			< 12.6			< 8.78		
Aroclor-1260	< 63			95	J	e	180	J	e	< 44		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)												
Hydrocarbons,Petroleum	63.7			< 39.1			< 53.9			< 37.5		

Qualifiers:

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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Analytical Results for Wetland Sediment Samples - Organic Compounds

Sample Number	301SD			302SD			303SD			304SD		
Date Sampled	05/31/91			05/31/91			05/31/91			05/31/91		
Depth of Sample	0.0 ft			0.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)												
Acetone	110			120			160			380		
Semivolatile Organics (µg/kg-Dry)												
Benzo(b)fluoranthene	< 120			< 170			< 150			220		
Bis(2-ethylhexyl)phthalate	< 120			< 170			< 150			< 190		
Fluoranthene	< 86			130			140			190		
Phenol	< 170			240			< 220			< 270		
Pyrene	< 86			180			220			290		
Pesticides/PCB (µg/kg-Dry)												
4,4'-DDD	< 8.21			< 11.2			< 10.3			290		
4,4'-DDE	< 4.11			< 5.62			6.42			41.8		
4,4'-DDT	< 8.21			< 11.2			< 10.3			566		
Aroclor-1260	< 41			110	J	e	140	J	e	150	J	e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)												
Hydrocarbons,Petroleum	52.8			72.4			52.2			< 54.1		

Qualifiers:

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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Late Pleistocene and Holocene Alluvial/Eolian Deposits - Organic Compounds

Sample Number	M-025C-080			M-027C-090		
Date Sampled	05/22/91			05/31/91		
Depth of Sample	80.0 ft			88.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)						
Acetone	230			100	UJ	a
Semivolatile Organics (µg/kg-Dry)						
Bis(2-ethylhexyl)phthalate	480	UJ	a	< 130		
Pesticides/PCB (µg/kg-Dry)	ND			ND	UJ	b

Qualifiers:

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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Late Pleistocene and Holocene Alluvial/Eolian Deposits - Organic Compounds

Sample Number **Date Sampled** **Depth of Sample**	**M-001B-057** **05/10/91** **57.0 ft**			**M-007C-078** **06/03/91** **78.0 ft**			**Duplicate M-007C-078** **06/03/91** **78.0 ft**		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)									
Acetone	16	UJ	a	20	UJ	a	16	UJ	a
Semivolatile Organics (µg/kg-Dry)									
Bis(2-ethylhexyl)phthalate	190			170	UJ	a	250	UJ	a
Pesticides/PCB (µg/kg-Dry)	ND	UJ	d	ND			ND	UJ	b

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results - Soil in Fill - Organic Compounds

Sample Number	M-028E-006			M-029A-000			M-029A-004			M-029E-002			Duplicate M-029E-002		
Date Sampled	05/01/91			04/24/91			04/29/91			04/29/91			04/29/91		
Depth of Sample	3.0 ft			0.0 ft			4.0 ft			2.0 ft			2.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	84	UJ	a	NA			170			17	UJ	a	18	UJ	a
Carbon Disulfide	< 6.5			NA			< 5.5			< 5.4			< 5.5		
Semivolatile Organics (µg/kg-Dry)															
2-Methylnaphthalene	< 65			< 540			< 270			< 270			< 550	UJ	b
Acenaphthene	< 52			< 440			< 220			< 210			< 440	UJ	b
Anthracene	< 52			< 440			< 220			< 210			< 440	UJ	b
Benzo(a)anthracene	< 65			< 540			< 270			< 270			< 550	UJ	b
Benzo(a)pyrene	< 91			< 760			< 380			< 380			< 770	UJ	b
Benzo(b)fluoranthene	< 65			< 540			< 270			< 270			< 550	UJ	b
Benzo(g,h,i)perylene	210			< 870			< 440			< 430			< 880	UJ	b
Benzo(k)fluoranthene	< 65			< 540			< 270			< 270			< 550	UJ	b
Bis(2-ethylhexyl)phthalate	1000			< 540			1300			2800			3000	J	b
Butylbenzylphthalate	< 65			< 540			< 270			< 270			< 550	UJ	b
Chrysene	< 65			< 540			< 270			< 270			< 550	UJ	b
Di-N-Butyl Phthalate	13000			< 440			< 220			1100			1600	J	b
Di-N-Octyl Phthalate	< 91			< 760			< 380			< 380			< 770	UJ	b
Dibenzo(a,h)anthracene	< 100			< 870			< 440			< 430			< 880	UJ	b
Diethyl Phthalate	< 52			< 440			< 220			< 210			< 440	UJ	b
Fluoranthene	110			< 440			< 220			< 210			< 440	UJ	b
Indeno(1,2,3-cd)pyrene	140			< 870			< 440			< 430			< 880	UJ	b
Naphthalene	< 52			< 440			< 220			< 210			< 440	UJ	b
Phenanthrene	95			< 440			< 220			< 210			< 440	UJ	b
Pyrene	180			< 440			< 220			< 210			< 440	UJ	b
Pesticides/PCBs (µg/kg-Dry)															
4,4'-DDD	< 8.69			85.3			19.7			15.8			42.4		
4,4'-DDE	6.13			347			4.36			7.28			13.9		
4,4'-DDT	11.7			364			< 7.31			< 7.15			< 7.37		
Dieldrin	< 4.35			19.3			< 3.66			< 3.58			< 3.69		
Alpha-Chlordane	< 4.35			3.82			< 3.66			< 3.58			65.1		
Gamma-Chlordane	< 4.35			< 3.63			4.98			< 3.58			90.9		
Aroclor-1260	< 43			< 36			73			210			480		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	NA			69.9			NA			NA			NA		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	NA			146			NA			NA			NA		

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c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
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Table 2 - Site 1 - Analytical Results for Soil in Fill - Organic Compounds

Sample Number	M-027B-005			M-027C-000			M-027E-019			M-028A-000			M-028A-007		
Date Sampled	04/29/91			04/25/91			05/13/91			04/25/91			04/30/91		
Depth of Sample	5.5 ft			0.0 ft			16.5 ft			0.0 ft			2.5 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	55	UJ	a	NA			49	UJ	a	NA			610		
Carbon Disulfide	< 6.1			NA			< 6.4			NA			< 29		
Semivolatile Organics (µg/kg-Dry)															
2-Methylnaphthalene	< 61			< 530			< 130			< 5100	R	b	< 2900	UJ	b
Acenaphthene	< 48			< 420			< 100			< 4100	R	b	< 2400	R	b
Anthracene	< 48			< 420			< 100			< 4100	R	b	< 2400	R	b
Benzo(a)anthracene	< 61			1600			< 130			57000	J	b	14000	J	b
Benzo(a)pyrene	< 85			910			< 180			81000	J	b	18000	J	b
Benzo(b)fluoranthene	< 61			1100			< 130			59000	J	b	17000	J	b
Benzo(g,h,i)perylene	< 97			910			< 200			82000	J	b	12000	J	b
Benzo(k)fluoranthene	< 61			640			< 130			56000	J	b	10000	J	b
Bis(2-ethylhexyl)phthalate	470			7600			730	UJ	a	< 5100	R	b	< 2900	R	b
Butylbenzylphthalate	< 61			9500			< 130			< 5100	R	b	< 2900	R	b
Chrysene	< 61			1800			< 130			72000	J	b	17000	J	b
Di-N-Butyl Phthalate	< 48			440			< 100			< 4100	R	b	< 2400	R	b
Di-N-Octyl Phthalate	< 85			< 740			< 180			< 7100	R	b	< 4100	R	b
Dibenzo(a,h)anthracene	< 97			< 840			< 200			21000	J	b	< 4700	R	b
Diethyl Phthalate	< 48			< 420			< 100			< 4100	R	b	< 2400	R	b
Fluoranthene	< 48			1700			< 100			33000	J	b	9200		
Indeno(1,2,3-cd)pyrene	< 97			< 840			< 200			61000	J	b	13000	J	b
Naphthalene	< 48			< 420			< 100			< 4100	R	b	< 2400	R	b
Phenanthrene	< 48			1700			< 100			7500	J	b	2700	J	b
Pyrene	< 48			2700			< 100			66000	J	b	20000	J	b
Pesticides/PCBs (µg/kg-Dry)															
4,4'-DDD	< 8.08	UJ	d	< 7.04			< 8.48			< 6.76			24.2		
4,4'-DDE	< 4.04	UJ	d	< 3.52			< 4.24			< 3.38			38.2		
4,4'-DDT	< 8.08	UJ	d	< 7.04			< 8.48			< 6.76			57.5		
Dieldrin	< 4.04	UJ	d	< 3.52			< 4.24			< 3.38			< 3.93		
Alpha-Chlordane	< 4.04	UJ	d	< 3.52			< 4.24			< 3.38			< 3.93		
Gamma-Chlordane	< 4.04	UJ	d	< 3.52			< 4.24			< 3.38			22.1		
Aroclor-1260	< 40	UJ	d	77			< 42			< 34			210		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	NA			1600			NA			100			NA		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	NA			3570			NA			181			NA		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results Soil in Fill - Organic Compounds

Sample Number	M-026A-000			M-026A-004			M-026E-020			Duplicate M-026E-020			M-027A-003		
Date Sampled	04/25/91			05/02/91			05/02/91			05/02/91			05/13/91		
Depth of Sample	0.0 ft			2.0 ft			15.0 ft			15.0 ft			0.5 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	NA			28	UJ	a	47	UJ	a	120	UJ	a	1100		
Carbon Disulfide	NA			< 5.6			< 6.0			< 6.3			< 27		
Semivolatile Organics (µg/kg-Dry)															
2-Methylnaphthalene	< 530	UJ	b	< 56			< 60			< 63			< 110		
Acenaphthene	< 420	UJ	b	< 44			< 48			< 50			97		
Anthracene	< 420	UJ	b	< 44			< 48			< 50			110		
Benzo(a)anthracene	< 530	UJ	b	< 56			< 60			< 63			730		
Benzo(a)pyrene	< 740	UJ	b	< 78			< 84			< 88			1100		
Benzo(b)fluoranthene	< 530	UJ	b	< 56			< 60			< 63			820		
Benzo(g,h,i)perylene	< 840	UJ	b	< 89			< 96			< 100			860		
Benzo(k)fluoranthene	< 530	UJ	b	< 56			< 60			< 63			860		
Bis(2-ethylhexyl)phthalate	< 530	UJ	b	610			260			160			390	UJ	a
Butylbenzylphthalate	< 530	UJ	b	< 56			< 60			< 63			< 110		
Chrysene	< 530	UJ	b	< 56			< 60			< 63			870		
Di-N-Butyl Phthalate	< 420	UJ	b	< 44			< 48			< 50			< 86		
Di-N-Octyl Phthalate	< 740	UJ	b	< 78			< 84			< 88			< 150		
Dibenzo(a,h)anthracene	< 840	UJ	b	< 89			< 96			< 100			230		
Diethyl Phthalate	< 420	UJ	b	< 44			< 48			< 50			< 86		
Fluoranthene	< 420	UJ	b	< 44			< 48			< 50			930		
Indeno(1,2,3-cd)pyrene	< 840	UJ	b	< 89			< 96			< 100			660		
Naphthalene	< 420	UJ	b	< 44			< 48			< 50			< 86		
Phenanthrene	< 420	UJ	b	< 44			< 48			< 50			380		
Pyrene	< 420	UJ	b	< 44			< 48			< 50			870		
Pesticides/PCBs (µg/kg-Dry)															
4,4'-DDD	< 7.02			< 7.41			< 8.03	UJ	d	< 8.33			16.8		
4,4'-DDE	< 3.51			< 3.71			< 4.02	UJ	d	< 4.17			7.64		
4,4'-DDT	17			< 7.41			< 8.03	UJ	d	< 8.33			< 7.17		
Dieldrin	< 3.51			< 3.71			< 4.02	UJ	d	< 4.17			< 3.58		
Alpha-Chlordane	< 3.51			< 3.71			< 4.02	UJ	d	< 4.17			< 3.58		
Gamma-Chlordane	< 3.51			< 3.71			< 4.02	UJ	d	< 4.17			6.61		
Aroclor-1260	< 35			< 37			< 40	UJ	d	< 42			390	J	e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	303			NA			NA			NA			NA		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	793			NA			NA			NA			NA		

Qualifiers:

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Soil in Fill - Organic Compounds

Sample Number	M-009A-000			M-009A-003			M-025A-004			M-025C-000			M-025E-022		
Date Sampled	05/16/91			05/30/91			05/24/91			04/25/91			05/24/91		
Depth of Sample	0.0 ft			2.0 ft			4.0 ft			0.0 ft			22.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	NA			65	UJ	a	330			NA			220		
Carbon Disulfide	NA			< 5.7			< 27			NA			< 6.2		
Semivolatile Organics (µg/kg-Dry)															
2-Methylnaphthalene	< 110			< 110			< 110			< 540			< 120		
Acenaphthene	< 75			< 91			< 86			< 440			< 99		
Anthracene	< 75			< 91			< 86			< 440			< 99		
Benzo(a)anthracene	< 110			< 110			< 110			< 540			< 120		
Benzo(a)pyrene	< 150			< 160			< 150			< 760			< 170		
Benzo(b)fluoranthene	< 110			< 110			< 110			< 540			< 120		
Benzo(g,h,i)perylene	< 170			< 180			< 170			< 870			< 200		
Benzo(k)fluoranthene	< 110			< 110			< 110			< 540			< 120		
Bis(2-ethylhexyl)phthalate	130			< 110			110			< 540			210		
Butylbenzylphthalate	< 110			< 110			< 110			< 540			< 120		
Chrysene	< 110			< 110			< 110			< 540			< 120		
Di-N-Butyl Phthalate	< 75			< 91			< 86			< 440			< 99		
Di-N-Octyl Phthalate	< 150			< 160			< 150			< 760			< 170		
Dibenzo(a,h)anthracene	< 170			< 180			< 170			< 870			< 200		
Diethyl Phthalate	< 75			< 91			< 86			< 440			< 99		
Fluoranthene	< 75			< 91			< 86			< 440			< 99		
Indeno(1,2,3-cd)pyrene	< 170			< 180			< 170			< 870			< 200		
Naphthalene	< 75			< 91			< 86			< 440			< 99		
Phenanthrene	< 75			< 91			< 86			< 440			< 99		
Pyrene	< 75			< 91			< 86			< 440			< 99		
Pesticides/PCBs (µg/kg-Dry)															
4,4'-DDD	< 7.10			< 7.56			< 7.21			< 7.26			< 8.25		
4,4'-DDE	< 3.55			< 3.78			< 3.60			< 3.63			< 4.13		
4,4'-DDT	< 7.10			< 7.56			< 7.21			< 7.26			< 8.25		
Dieldrin	< 3.55			< 3.78			< 3.60			< 3.63			< 4.13		
Alpha-Chlordane	< 3.55			< 3.78			< 3.60			< 3.63			< 4.13		
Gamma-Chlordane	< 3.55			< 3.78			< 3.60			< 3.63			< 4.13		
Aroclor-1260	< 35			< 38			< 36			120			< 41		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	3450			NA			NA			910			NA		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	9570			NA			NA			2570			NA		

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d = holding time
e = LCS
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g = post-digestion spike recovery
h = laboratory indicated questionable data

Sample Number	M-006A-005			M-007A-000			M-007A-004			M-008A-000			M-008A-004		
Date Sampled	05/29/91			05/17/91			05/29/91			05/17/91			05/29/91		
Depth of Sample	2.5 ft			0.0 ft			1.0 ft			0.0 ft			0.5 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	960			NA			110	UJ	a	NA			1000		
Carbon Disulfide	< 28			NA			< 5.8			NA			< 30		
Semivolatile Organics (µg/kg-Dry)															
2-Methylnaphthalene	< 110			< 100			< 120			< 100			< 120		
Acenaphthene	< 78			< 84			< 82			< 83			< 95		
Anthracene	< 78			< 84			< 82			< 83			< 95		
Benzo(a)anthracene	< 110			< 100			< 120			< 100			< 120		
Benzo(a)pyrene	< 160			< 150			< 160			< 140			< 170		
Benzo(b)fluoranthene	< 110			< 100			< 120			< 100			< 120		
Benzo(g,h,i)perylene	< 180			< 170			< 190			< 170			< 190		
Benzo(k)fluoranthene	< 110			< 100			< 120			< 100			< 120		
Bis(2-ethylhexyl)phthalate	< 110	UJ	a	410			620	UJ	a	150			180		
Butylbenzylphthalate	< 110			< 100			< 120			< 100			< 120		
Chrysene	< 110			< 100			< 120			< 100			< 120		
Di-N-Butyl Phthalate	< 78			< 84			< 82			< 83			< 95		
Di-N-Octyl Phthalate	< 160			< 150			< 160			< 140			< 170		
Dibenzo(a,h)anthracene	< 180			< 170			< 190			< 170			< 190		
Diethyl Phthalate	< 78			< 84			< 82			< 83			< 95		
Fluoranthene	< 78			< 84			< 82			< 83			< 95		
Indeno(1,2,3-cd)pyrene	< 180			< 170			< 190			< 170			< 190		
Naphthalene	< 78			< 84			< 82			< 83			< 95		
Phenanthrene	< 78			< 84			< 82			< 83			< 95		
Pyrene	< 78			< 84			< 82			< 83			< 95		
Pesticides/PCBs (µg/kg-Dry)															
4,4'-DDD	< 7.43			< 6.98			< 7.79			< 6.89			< 7.92		
4,4'-DDE	< 3.72			< 3.49			< 3.89			< 3.44			< 3.96		
4,4'-DDT	< 7.43			< 6.98			< 7.79			< 6.89			< 7.92		
Dieldrin	< 3.72			< 3.49			< 3.89			< 3.44			< 3.96		
Alpha-Chlordane	< 3.72			< 3.49			< 3.89			< 3.44			< 3.96		
Gamma-Chlordane	< 3.72			< 3.49			< 3.89			< 3.44			< 3.96		
Aroclor-1260	< 37			160	J	e	< 39			< 34			< 40		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	NA			4480			NA			68.7			NA		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	NA			422			NA			721			NA		

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b = surrogate spike
c = matrix spike
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e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Soil in Fill - Organic Compounds

Sample Number	M-004A-004			M-005A-000			Duplicate M-005A-000			M-005A-003			M-006A-000		
Date Sampled	05/28/91			05/17/91			05/17/91			05/29/91			05/17/91		
Depth of Sample	2.0 ft			0.0 ft			0.0 ft			0.5 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	420			NA			NA			54	UJ	a	NA		
Carbon Disulfide	< 33			NA			NA			< 5.2			NA		
Semivolatile Organics (µg/kg-Dry)															
2-Methylnaphthalene	< 130			< 100			< 100			< 100			< 100		
Acenaphthene	< 110			< 81			< 71			< 72			< 82		
Anthracene	< 110			< 81			< 71			< 72			< 82		
Benzo(a)anthracene	< 130			< 100			< 100			< 100			< 100		
Benzo(a)pyrene	< 190			< 140			< 140			< 140			< 140		
Benzo(b)fluoranthene	< 130			< 100			< 100			< 100			< 100		
Benzo(g,h,i)perylene	< 210			< 160			< 160			< 170			< 160		
Benzo(k)fluoranthene	< 130			< 100			< 100			< 100			< 100		
Bis(2-ethylhexyl)phthalate	390			< 100			< 100			1200			110		
Butylbenzylphthalate	< 130			< 100			< 100			< 100			< 100		
Chrysene	< 130			< 100			< 100			< 100			< 100		
Di-N-Butyl Phthalate	< 110			< 81			< 71			< 72			< 82		
Di-N-Octyl Phthalate	< 190			< 140			< 140			420			< 140		
Dibenzo(a,h)anthracene	< 210			< 160			< 160			< 170			< 160		
Diethyl Phthalate	< 110			< 81			< 71			< 72			< 82		
Fluoranthene	< 110			< 81			< 71			< 72			< 82		
Indeno(1,2,3-cd)pyrene	< 210			< 160			< 160			< 170			< 160		
Naphthalene	< 110			< 81			< 71			< 72			< 82		
Phenanthrene	120			< 81			< 71			< 72			< 82		
Pyrene	150			< 81			< 71			< 72			< 82		
Pesticides/PCBs (µg/kg-Dry)															
4,4'-DDD	< 8.83			< 6.75			< 6.75			< 6.88			< 6.84		
4,4'-DDE	< 4.42			< 3.38			< 3.37			< 3.44			< 3.42		
4,4'-DDT	< 8.83			25.9			< 6.75			< 6.88			< 6.84		
Dieldrin	< 4.42			< 3.38			< 3.37			< 3.44			< 3.42		
Alpha-Chlordane	< 4.42			< 3.38			< 3.37			< 3.44			< 3.42		
Gamma-Chlordane	< 4.42			< 3.38			< 3.37			< 3.44			< 3.42		
Aroclor-1260	< 44			< 34			< 34			< 34			59	J	e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	NA			379			234			NA			324		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	NA			552			379			NA			633		

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b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Resul Soil in Fill - Organic Compounds

Sample Number	M-002A-006			M-002E-022			M-003A-000			M-003A-005			M-004A-000		
Date Sampled	05/23/91			05/23/91			05/17/91			05/23/91			05/17/91		
Depth of Sample	6.0 ft			22.0 ft			0.0 ft			5.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	< 11			740			NA			310			NA		
Carbon Disulfide	< 5.3			< 37			NA			< 29			NA		
Semivolatile Organics (µg/kg-Dry)															
2-Methylnaphthalene	< 110			< 150			< 100			140			< 100		
Acenaphthene	< 84			< 120			< 81			< 94			< 82		
Anthracene	< 84			< 120			< 81			< 94			< 82		
Benzo(a)anthracene	< 110			< 150			< 100			< 120			< 100		
Benzo(a)pyrene	< 150			< 210			< 140			< 160			< 140		
Benzo(b)fluoranthene	< 110			< 150			< 100			< 120			< 100		
Benzo(g,h,i)perylene	< 170			< 240			< 160			< 190			< 160		
Benzo(k)fluoranthene	< 110			< 150			< 100			< 120			< 100		
Bis(2-ethylhexyl)phthalate	1600	UJ	a	540	UJ	a	< 100			370	UJ	a	< 100		
Butylbenzylphthalate	< 110			< 150			< 100			< 120			< 100		
Chrysene	< 110			< 150			120			< 120			130		
Di-N-Butyl Phthalate	< 84			< 120			< 81			< 94			< 82		
Di-N-Octyl Phthalate	< 150			< 210			< 140			< 160			< 140		
Dibenzo(a,h)anthracene	< 170			< 240			< 160			< 190			< 160		
Diethyl Phthalate	< 84			< 120			< 81			< 94			< 82		
Fluoranthene	< 84			150			160			< 94			210		
Indeno(1,2,3-cd)pyrene	< 170			< 240			< 160			< 190			< 160		
Naphthalene	< 84			< 120			< 81			110			< 82		
Phenanthrene	< 84			< 120			< 81			< 94			200		
Pyrene	< 84	J	c,e	230	J	c,e	120			< 94	UJ	c,e	210		
Pesticides/PCBs (µg/kg-Dry)															
4,4'-DDD	< 7.02			< 9.88			< 6.75			< 7.82			< 6.84		
4,4'-DDE	< 3.51			< 4.94			< 3.37			< 3.91			< 3.42		
4,4'-DDT	< 7.02			< 9.88			< 6.75			< 7.82			< 6.84		
Dieldrin	< 3.51			< 4.94			< 3.37			< 3.91			< 3.42		
Alpha-Chlordane	< 3.51			< 4.94			< 3.37			< 3.91			< 3.42		
Gamma-Chlordane	< 3.51			< 4.94			< 3.37			< 3.91			< 3.42		
Aroclor-1260	110			< 49			64	J	e	< 39			< 34		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	NA			NA			295			NA			182		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	NA			NA			438			NA			342		

Qualifiers:

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Analytical Results for Soil in Fill - Organic Compounds

Sample Number	M-001A-013			M-001B-000			M-001E-005			M-002A-000			Duplicate M-002A-000		
Date Sampled	04/24/91			04/24/91			04/26/91			05/16/91			05/16/91		
Depth of Sample	13.0 ft			0.0 ft			5.0 ft			0.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	250			NA			110	UJ	a	NA			NA		
Carbon Disulfide	11			NA			< 6.2			NA			NA		
Semivolatile Organics (µg/kg-Dry)															
2-Methylnaphthalene	< 3400			< 530			< 310	UJ	b	< 100			< 100		
Acenaphthene	< 2700	R	b	< 420			< 250	UJ	b	< 72			< 82		
Anthracene	< 2700			< 420			< 250	UJ	b	< 72			< 82		
Benzo(a)anthracene	< 3400	R	b	< 530			< 310	UJ	b	180			360		
Benzo(a)pyrene	< 4700			< 740			< 430	UJ	b	260			430		
Benzo(b)fluoranthene	< 3400			< 530			< 310	UJ	b	460			720		
Benzo(g,h,i)perylene	< 5400			< 850			< 490	UJ	b	< 160			< 160		
Benzo(k)fluoranthene	< 3400			< 530			< 310	UJ	b	120			290		
Bis(2-ethylhexyl)phthalate	9600	J	b	4700			1600	J	b	160			170		
Butylbenzylphthalate	< 3400			< 530			< 310	UJ	b	< 100			< 100		
Chrysene	< 3400	R	b	< 530			< 310	UJ	b	430			670		
Di-N-Butyl Phthalate	< 2700			< 420			< 250	UJ	b	1100			1600		
Di-N-Octyl Phthalate	< 4700			< 740			< 430	UJ	b	< 140			< 140		
Dibenzo(a,h)anthracene	< 5400			< 850			< 490	UJ	b	< 160			< 160		
Diethyl Phthalate	< 2700	R	b	< 420			410	J	b	< 72			< 82		
Fluoranthene	< 2700	R	b	< 420			< 250	UJ	b	540			1300		
Indeno(1,2,3-cd)pyrene	< 5400			< 850			< 490	UJ	b	< 160			< 160		
Naphthalene	< 2700			< 420			< 250	UJ	b	< 72			< 82		
Phenanthrene	< 2700			< 420			< 250	UJ	b	130			190		
Pyrene	< 2700	R	b	< 420			< 250	UJ	b	910			710		
Pesticides/PCBs (µg/kg-Dry)															
4,4'-DDD	< 9.02			< 7.04			< 8.24			< 6.81			< 6.81		
4,4'-DDE	< 4.51			< 3.52			< 4.12			< 3.40			< 3.40		
4,4'-DDT	< 9.02			< 7.04			< 8.24			< 6.81			< 6.81		
Dieldrin	< 4.51			< 3.52			< 4.12			< 3.40			< 3.40		
Alpha-Chlordane	< 4.51			< 3.52			< 4.12			< 3.40			< 3.40		
Gamma-Chlordane	< 4.51			< 3.52			< 4.12			< 3.40			< 3.40		
Aroclor-1260	430			140			750			260	J	b,e	370	J	e
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	NA			546			NA			1080			539		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	NA			2120			NA			3250			1420		

Qualifiers:

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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results for Late Pleistoc ınd Holocene Alluvial/Eolian Deposits - Organic Compounds

Sample Number	**M-104C-062**		
Date Sampled	**05/29/91**		
Depth of Sample	**62.0 ft**		
PARAMETER REPORTED	Results	Val	Com
Volatile Organics (µg/kg-Dry)			
Acetone	30	UJ	a
Semivolatile Organics (µg/kg-Dry)	ND		
Pesticides/PCBs (µg/kg-Dry)	ND		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)			
Hydrocarbons,Petroleum	NA		
Oil And Grease (mg/kg-Dry)			
Oil&Gr,IR	NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results for Soil in Fill - Organic Compounds

Sample Number	M-109A-007			M-110A-003			M-111A-000			M-111A-003		
Date Sampled	05/30/91			05/30/91			05/31/91			05/31/91		
Depth of Sample	5.5 ft			1.5 ft			0.5 ft			2.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)												
Acetone	24	UJ	a	110			NA			66		
Semivolatile Organics (µg/kg-Dry)												
Acenaphthylene	< 84			< 88			< 74			< 75		
Anthracene	< 84			< 88			< 74			< 75		
Benzo(a)anthracene	< 100			< 110			< 110			< 110		
Benzo(a)pyrene	< 150			< 150			< 150			< 150		
Benzo(b)fluoranthene	< 100			< 110			< 110			< 110		
Benzo(g,h,i)perylene	< 170			< 180			< 170			< 170		
Benzo(k)fluoranthene	< 100			< 110			< 110			< 110		
Bis(2-ethylhexyl)phthalate	250			220			< 110			< 110		
Butylbenzylphthalate	< 100			< 110			< 110			< 110		
Chrysene	< 100			< 110			< 110			< 110		
Diben(a,h)anthracene	< 170			< 180			< 170			< 170		
Fluoranthene	< 84			< 88			< 74			< 75		
Indeno(1,2,3-cd)pyrene	< 170			< 180			< 170			< 170		
Phenanthrene	< 84			< 88			< 74			< 75		
Pyrene	< 84			< 88			< 74			< 75		
Pesticides/Pcbs/Herbicides (µg/kg-Dry)												
4,4'-DDD	< 7.00			< 7.33			< 7.06			< 7.18		
4,4'-DDE	< 3.50			< 3.66			< 3.53			< 3.59		
4,4'-DDT	< 7.00			< 7.33			< 7.06			< 7.18		
Gamma-Chlordane	< 3.50			< 3.66			< 3.53			< 3.59		
Aroclor-1260	< 35			< 37			< 35			< 36		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)												
Hydrocarbons,Petroleum	NA			NA			55.1			NA		
Oil And Grease (mg/kg-Dry)												
Oil&Gr,IR	NA			NA			126			NA		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical R[illegible] for Soil in Fill - Organic Compounds

Sample Number Date Sampled Depth of Sample	M-107A-002 06/03/91 0.5 ft			M-108A-000 12/11/90 5.5 ft			M-108B-000 11/27/90 0.5 ft			M-37 (DUP) 11/27/90 0.5 ft			M-109A-000 05/16/91 0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	77			< 0.1			NA			NA			NA		
Semivolatile Organics (µg/kg-Dry)															
Acenaphthylene	< 72			< 0.17			< 3.4			< 3.4			< 74		
Anthracene	< 72			< 0.17			< 3.4			< 3.4			< 74		
Benzo(a)anthracene	< 100			< 0.17			< 3.4			< 3.4			< 110		
Benzo(a)pyrene	< 140			< 0.17			< 3.4			< 3.4			< 150		
Benzo(b)fluoranthene	< 100			< 0.17			< 3.4			< 3.4			< 110		
Benzo(g,h,i)perylene	< 170			< 0.17			< 3.4			< 3.4			< 170		
Benzo(k)fluoranthene	< 100			< 0.17			< 3.4			< 3.4			< 110		
Bis(2-ethylhexyl)phthalate	< 100			< 0.17			< 3.4			< 3.4			< 110		
Butylbenzylphthalate	< 100			< 0.17			< 3.4			< 3.4			< 110		
Chrysene	< 100			< 0.17			< 3.4			< 3.4			< 110		
Diben(a,h)anthracene	< 170			< 0.17			< 3.4			< 3.4			< 170		
Fluoranthene	< 72			< 0.17			< 3.4			< 3.4			< 74		
Indeno(1,2,3-cd)pyrene	< 170			< 0.17			< 3.4			< 3.4			< 170		
Phenanthrene	< 72			< 0.17			< 3.4			< 3.4			< 74		
Pyrene	< 72			< 0.17			< 3.4			< 3.4			< 74		
Pesticides/Pcbs/Herbicides (µg/kg-Dry)															
4,4'-DDD	< 6.88			< 0.010			< 0.010			< 0.010			< 7.04		
4,4'-DDE	< 3.44			< 0.010			< 0.010			< 0.010			< 3.52		
4,4'-DDT	< 6.88			< 0.010			< 0.010			< 0.010			< 7.04		
Gamma-Chlordane	< 3.44			< 0.0050			< 0.0050			< 0.0050			< 3.52		
Aroclor-1260	< 34			< 0.050			< 0.050			< 0.050			< 35		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	NA			NA			NA			NA			2410		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	NA			NA			NA						7200		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results for Soil in Fill - Organic Compounds

Sample Number	M-105A-000			M-105B-000			M-106A-000			M-106A-003			M-107A-000		
Date Sampled	12/10/90			11/28/90			05/16/91			06/03/91			05/16/91		
Depth of Sample	5.5 ft			0.5 ft			0.0 ft			2.0 ft			0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	< 0.1			NA			NA			54	UJ	a	NA		
Semivolatile Organics (µg/kg-Dry)															
Acenaphthylene	< 0.17			< 0.17			< 70			< 85			< 71		
Anthracene	< 0.17			< 0.17			< 70			< 85			< 71		
Benzo(a)anthracene	< 0.17			< 0.17			< 100			< 120			< 100		
Benzo(a)pyrene	< 0.17			< 0.17			< 140			< 170			< 140		
Benzo(b)fluoranthene	< 0.17			< 0.17			< 100			< 120			< 100		
Benzo(g,h,i)perylene	< 0.17			< 0.17			< 160			< 190			< 160		
Benzo(k)fluoranthene	< 0.17			< 0.17			< 100			< 120			< 100		
Bis(2-ethylhexyl)phthalate	< 0.17			< 0.17			< 100			< 120			< 100		
Butylbenzylphthalate	< 0.17			< 0.17			< 100			< 120			< 100		
Chrysene	< 0.17			< 0.17			< 100			< 120			< 100		
Diben(a,h)anthracene	< 0.17			< 0.17			< 160			< 190			< 160		
Fluoranthene	< 0.17			< 0.17			< 70			< 85			< 71		
Indeno(1,2,3-cd)pyrene	< 0.17			< 0.17			< 160			< 190			< 160		
Phenanthrene	< 0.17			< 0.17			< 70			< 85			< 71		
Pyrene	< 0.17			< 0.17			< 70			< 85			< 71		
Pesticides/Pcbs/Herbicides (µg/kg-Dry)															
4,4'-DDD	< 0.010			< 0.010			< 6.70			< 8.07			< 6.76		
4,4'-DDE	< 0.010			< 0.010			< 3.35			< 4.04			< 3.38		
4,4'-DDT	< 0.010			< 0.010			< 6.70			< 8.07			< 6.76		
Gamma-Chlordane	< 0.0050			< 0.0050			< 3.35			< 4.04			< 3.38		
Aroclor-1260	< 0.050			< 0.050			< 34			< 40			< 34		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	NA			NA			965			NA			147		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	NA			NA			11600			NA			502		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical R[illegible] for Soil in Fill - Organic Compounds

Sample Number Date Sampled Depth of Sample	M-103B-000 11/28/90 0.5 ft			M-104A-002 05/30/91 0.5 ft			Duplicate M-104A-002 05/30/91 0.5 ft			M-104C-000 05/16/91 0.0 ft			Duplicate M-104C-000 05/16/91 0.0 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	NA			< 11			53	UJ	a	NA			NA		
Semivolatile Organics (µg/kg-Dry)															
Acenaphthylene	< 0.17			< 89			< 92			< 72			< 71		
Anthracene	< 0.17			< 89			< 92			< 72			< 71		
Benzo(a)anthracene	< 0.17			< 110			< 120			< 100			< 100		
Benzo(a)pyrene	< 0.17			< 160			< 160			< 140			< 140		
Benzo(b)fluoranthene	< 0.17			< 110			< 120			< 100			< 100		
Benzo(g,h,i)perylene	< 0.17			< 180			< 180			< 160			< 160		
Benzo(k)fluoranthene	< 0.17			< 110			< 120			< 100			< 100		
Bis(2-ethylhexyl)phthalate	< 0.17			150			< 120			170			< 100		
Butylbenzylphthalate	< 0.17			< 110			< 120			< 100			< 100		
Chrysene	< 0.17			< 110			< 120			< 100			< 100		
Diben(a,h)anthracene	< 0.17			< 180			< 180			< 160			< 160		
Fluoranthene	< 0.17			< 89			< 92			< 72			< 71		
Indeno(1,2,3-cd)pyrene	< 0.17			< 180			< 180			< 160			< 160		
Phenanthrene	< 0.17			< 89			< 92			< 72			< 71		
Pyrene	< 0.17			< 89			< 92			< 72			< 71		
Pesticides/Pcbs/Herbicides (µg/kg-Dry)															
4,4'-DDD	< 0.010			< 7.46			< 7.69			< 6.85			< 6.80		
4,4'-DDE	< 0.010			< 3.73			< 3.84			< 3.43			< 3.40		
4,4'-DDT	< 0.010			< 7.46			< 7.69			< 6.85			< 6.80		
Gamma-Chlordane	< 0.0050			< 3.73			< 3.84			< 3.43			< 3.40		
Aroclor-1260	< 0.050			< 37			< 38			< 34			< 34		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	NA			NA			NA			2000			3450		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	NA			NA			NA			7690			10600		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Analytical Results for Soil in Fill - Organic Compounds

Sample Number	M-101A-000			M-101A-004			M-102A-000			M-102A-004			M-103A-000		
Date Sampled	05/30/91			06/03/91			05/30/91			06/03/91			12/12/90		
Depth of Sample	0.0 ft			2.0 ft			0.0 ft			2.0 ft			5.5 ft		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
Volatile Organics (µg/kg-Dry)															
Acetone	NA			78			NA			320			< 0.1		
Semivolatile Organics (µg/kg-Dry)															
Acenaphthylene	< 81			< 80			350			< 84			< 0.17		
Anthracene	< 81			< 80			660			< 84			< 0.17		
Benzo(a)anthracene	< 100			< 110			2500			< 120			< 0.17		
Benzo(a)pyrene	< 140			< 160			2600			< 170			< 0.17		
Benzo(b)fluoranthene	130			< 110			4600			< 120			< 0.17		
Benzo(g,h,i)perylene	< 160			< 180			3800			< 190			< 0.17		
Benzo(k)fluoranthene	< 100			< 110			970			< 120			< 0.17		
Bis(2-ethylhexyl)phthalate	160			290	UJ	a	190			< 120			< 0.17		
Butylbenzylphthalate	110			< 110			< 100			< 120			< 0.17		
Chrysene	< 100			< 110			2300			< 120			< 0.17		
Diben(a,h)anthracene	< 160			< 180			510			< 190			< 0.17		
Fluoranthene	140			< 80			2800			< 84			< 0.17		
Indeno(1,2,3-cd)pyrene	< 160			< 180			3500			< 190			< 0.17		
Phenanthrene	< 81			< 80			1300			< 84			< 0.17		
Pyrene	110			< 80			2500			< 84			< 0.17		
Pesticides/Pcbs/Herbicides (µg/kg-Dry)															
4,4'-DDD	< 6.72			< 7.65			26.7	J	e	< 7.96			< 0.010		
4,4'-DDE	< 3.36			< 3.83			5.38	J	e	< 3.98			< 0.010		
4,4'-DDT	< 6.72			< 7.65			93.4	J	e	< 7.96			< 0.010		
Gamma-Chlordane	< 3.36			< 3.83			4.21	J	e	< 3.98			< 0.0050		
Aroclor-1260	130	J	e	< 38			100	J	e	< 40			< 0.050		
Total Recoverable Petroleum Hydrocarbons (mg/kg-Dry)															
Hydrocarbons,Petroleum	652			NA			1770			NA			NA		
Oil And Grease (mg/kg-Dry)															
Oil&Gr,IR	1400			NA			3810			NA			NA		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - General Chemicals

Sample Number	4th Qtr M-010B-			4th Qtr M-012B-			4th Qtr M-013C-			4th Qtr M-014B-			4th Qtr M-020B-			4th Qtr M-021C-			4th Qtr M-023B-		
Date Sampled	04/10/92			04/21/92			04/22/92			04/22/92			04/23/92			04/24/92			04/24/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																					
Acidity, total (mg/L-CaCO3)	74.7			152			107			44.9			120			226			231		
Alkalinity, total (mg/L-CaCO3)	160			479			387			500			324			176			371		
COD (mg/L)	239			718			1508			1552			331			239			496		
Hardness (mg/L-CaCO3)	1770			7800			7000			4900			3500			1350			1550		
Residue, Dissolved (mg/L)	8670			28500			28500			23700			10600			5510			6600		
Spec. cond., lab (umhos/cm)	14100			36900			40000			34100			16900			9080			10600		
PHYSICAL PARAMETERS-FIELD																					
Spec. cond., field @25 C (umhos/cm)	12000			35000			34000			31500			12000			7800			10000		
Water Temp (deg C)	19.5			19			18.9			19			17.8			18.5			18.7		
pH, Field (Std units)	7.44			6.97			6.45			6.58			6.13			6.23			6.25		
TOTAL ORGANIC CARBON (mg/L)																					
Carbon, TOC	31.1			11			15.4	UJ	a	5.9	UJ	a	17.7	UJ	a	37.6			36.3		
ASBESTOS																					
Asbestos, Mass (ug/L)	0.164			0			0.00366			0			0.0513			0.021			0.138		
Asbestos, Total Structures (MAS/L)	3890			0			40.9			0			963			418			2800		
RADIOCHEMICALS (pCi/L)																					
Alpha, gross	22.1			109			118			103			< 0.1			17.6			< 0.1		
Alpha, gross, ct.error (+/- pCi/L)	28.4			74.8			128			112			32.9			32.4			20.9		
Beta, gross	163			288			120			260			62			116			106		
Beta, gross, ct.error (+/- pCi/L)	53.6			140			145			160			85.3			68.9			43.5		
Radium 226	1.2			1.9			2.4			5.5			2.7			1.1			2.9		
Radium 226, ct.error (+/- pCi/L)	0.8			1			0.9			1.3			1			0.6			1		
Radium 228	1.1	UJ	a	2	UJ	a	1.9			3.9			2.1			1.4			2.5		
Radium 228, ct.error (+/- pCi/L)	0.5			0.6			0.9			0.8			0.8			0.7			0.7		
ANIONS																					
Chloride (mg/L)	4368			15320			15360			12430			5650			2403			2886		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	< 1.00			< 2.50			< 2.50			< 2.50			< 1.00			< 1.00			< 1.00		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			0.025	UJ	a	< 0.010			0.04	J	ms	< 0.010			< 0.010			< 0.010		
Sulfate (mg/L)	10.41			1443			1718			1600			307.5			0.697	UJ	a	0.891	UJ	a

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-021C- 01/21/92			3rd Qtr M-023B- 01/22/92		
PARAMETER REPORTED						
	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB						
Acidity, total (mg/L-CaCO3)	112			144		
Alkalinity, total (mg/L-CaCO3)	688			1500		
COD (mg/L)	130.0			153.0		
Hardness (mg/L-CaCO3)	2100			1640		
Total Dissolved Solids, TDS (mg/L)	5520			6330		
Spec. cond., lab (umhos/cm)	8260			21400		
PHYSICAL PARAMETERS-FIELD						
Spec. cond., field @25 C (umhos/cm)	7000			8000		
Water Temp (deg C)	15.0			15.5		
pH, Field (Std units)	6.88			7.00		
TOTAL ORGANIC CARBON (mg/L)						
Carbon, TOC	22.7			35.2		
ASBESTOS						
Asbestos, Mass (ug/L)	0.0			0.00100		
Asbestos, Total Structures (MAS/L)	0.0			12.9		
ANIONS						
Chloride (mg/L)	2402			2827		
Cyanide (ug/L)	< 5.0			< 5.0		
Fluoride (mg/L)	3.31			< 1.00		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			< 0.010		
Sulfate (mg/L)	< 0.500			< 5.000		
RADIOCHEMICALS (pCi/L)						
Alpha, gross	91.6			127		
Alpha, gross, ct.error (+/- pCi/L)	52.4			57.4		
Beta, gross	19.1			< 0.3		
Beta, gross, ct.error (+/- pCi/L)	50.8			54.6		
Radium 226	0.8			1.1		
Radium 226, ct.error (+/- pCi/L)	0.5			0.5		
Radium 228	0.4			1.8		
Radium 228, ct.error (+/- pCi/L)	0.7			0.7		

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Table 2 - Site 2 - Groundwater Analytical R for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-010B- 01/16/92			3rd Qtr M-012B- 01/17/92			3rd Qtr M-012B-DUP 01/17/92			3rd Qtr M-013C- 01/17/92			3rd Qtr M-014B- 01/16/92			3rd Qtr M-020B- 01/21/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	31.7			128			74			82.7			63.8			78.3		
Alkalinity, total (mg/L-CaCO3)	292			500			791			485			375			601		
COD (mg/L)	188.0			804.0	J	c	452.0			1274			864.0			260.0		
Hardness (mg/L-CaCO3)	2400			7200			7000			7400			6200			3300		
Total Dissolved Solids, TDS (mg/L)	8520			26400			27400			27000			24200			8570		
Spec. cond., lab (umhos/cm)	13000			32700			300			35300			32500			10000		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	10700			31000			31000			25000			26000			10000		
Water Temp (deg C)	16.5			15.0			15.0			15.8			16.7			14.2		
pH, Field (Std units)	7.48			7.29			7.29			6.96			7.05			7.03		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	48.5			19.4			8.3			18.2			4.9	UJ	a	12.9		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.201			0.0			0.0			0.0			0.0233			0.00109		
Asbestos, Total Structures (MAS/L)	1750			0.0			0.0			0.0			144			19.2		
ANIONS																		
Chloride (mg/L)	4271			15250			15170			15340			13890			4724		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	< 2.00			< 10.00			< 20.0			< 5.00			< 5.00			< 1.00		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			0.013			0.014			< 0.010			0.900			0.012		
Sulfate (mg/L)	3.547			1437			1390			1762			1700			182.8		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	< 0.1			170			210			147			49.7			175		
Alpha, gross, ct.error (+/- pCi/L)	55.5			170			188			154			156			111		
Beta, gross	< 0.3			68.7			52.4			222			< 0.3			< 0.3		
Beta, gross, ct.error (+/- pCi/L)	74.8			193			150			159			157			104		
Radium 226	0.8			1.6			2.2			2.1			0.9			2		
Radium 226, ct.error (+/- pCi/L)	0.5			0.7			1.2			0.8			0.6			0.8		
Radium 228	0.6	J	c	0.8	J	c	2.1	J	c	1.3	J	c	1.2	J	c	2.3		
Radium 228, ct.error (+/- pCi/L)	0.5			0.5			1.1			0.5			0.5			0.8		

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e = LCS
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h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-021C- 09/30/91			2nd Qtr M-023B- 10/01/91		
PARAMETER REPORTED						
	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB						
Acidity, total (mg/L-CaCO3)	154	J	c	151	J	c
Alkalinity, total (mg/L-CaCO3)	1570			1950		
COD (mg/L)	212.0			303.0		
Hardness (mg/L-CaCO3)	1900			1600		
Total Dissolved Solids, TDS (mg/L)	5490			6170		
Spec. cond., lab (umhos/cm)	10700			9850		
PHYSICAL PARAMETERS-FIELD						
Spec. cond., field @25 C (umhos/cm)	8000			1000		
Water Temp (deg C)	19.0			20.0		
pH, Field (Std units)	7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)						
Carbon, TOC	7.3			40		
ASBESTOS						
Asbestos, Mass (ug/L)	0.0610			0.0444		
Asbestos, Total Structures (MAS/L)	807			161		
ANIONS						
Chloride (mg/L)	2450			2751		
Cyanide (ug/L)	< 2.5			< 2.5		
Fluoride (mg/L)	< 0.20			< 0.20		
Nitrogen, NO2+NO3 (mg/L-as N)	0.082			< 0.050		
Sulfate (mg/L)	3.668			3.49		
RADIOCHEMICALS (pCi/L)						
Alpha, gross	< 0.3			< 0.3		
Alpha, gross, ct.error (+/- pCi/L)	32.0			34.5		
Beta, gross	110			130		
Beta, gross, ct.error (+/- pCi/L)	47.9			47.5		
Radium 226	2.4			1.6		
Radium 226, ct.error (+/- pCi/L)	1.0			0.8		
Radium 228	2.8			1		
Radium 228, ct.error (+/- pCi/L)	0.7			0.7		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-dige
h = laborator

Table 2 - Site 2 - Groundwater Analytical R for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-010B- 09/25/91			2nd Qtr M-012B- 09/24/91			2nd Qtr M-013C- 09/24/91			2nd Qtr M-014B- 09/25/91			2nd Qtr M-020B- 09/30/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	58.8	J	c	131	J	c	86.0	J	c	71.4	J	c	85.2	J	c
Alkalinity, total (mg/L-CaCO3)	1600			793			550			514			948		
COD (mg/L)	290.0	J	c	564.0	J	c	660.0	J	c	904.0	J	c	374.0		
Hardness (mg/L-CaCO3)	1820			7200			7400			8800			3300		
Total Dissolved Solids, TDS (mg/L)	8350			27400			26800			26100			9340		
Spec. cond., lab (umhos/cm)	14400			35400			36200			36100			14600		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	12100			35000			35000			34000			10000		
Water Temp (deg C)	20.0			21.0			21.0			19.0			17.0		
pH, Field (Std units)	7.00			7.00			7.00			7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	28.2			6.1			4.2			5.1			33.1		
ASBESTOS															
Asbestos, Mass (ug/L)	0.340			0.00321			0.569			0.0			0.0154		
Asbestos, Total Structures (MAS/L)	150			38.6			613			0.0			93.0		
ANIONS															
Chloride (mg/L)	4294			15440			15390			14900			4859		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 2.5		
Fluoride (mg/L)	< 0.20			< 5.00			< 5.00			< 5.00			< 2.00		
Nitrogen, NO2+NO3 (mg/L-as N)	0.042			0.072			0.052			599			0.027		
Sulfate (mg/L)	2.072			1505			1746			1828			205.9		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	< 0.3			< 0.3			< 0.3			20.1			< 0.3		
Alpha, gross, ct.error (+/- pCi/L)	43.9			162			124			118			33.1		
Beta, gross	7.6			52			< 0.5			< 0.5			90		
Beta, gross, ct.error (+/- pCi/L)	40.9			119			142			132			40.9		
Radium 226	3			3.9			3.2			6.3			1.5		
Radium 226, ct.error (+/- pCi/L)	1.0			1.0			1.0			1.2			0.8		
Radium 228	1.5			5.8			4.6			3.3			4		
Radium 228, ct.error (+/- pCi/L)	0.6			0.9			0.8			0.8			0.8		

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Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-020B- 07/10/91			1st Qtr M-021C- 07/08/91			1st Qtr M-023B- 07/01/91		
PARAMETER REPORTED									
	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB									
Acidity, total (mg/L-CaCO3)	93.6	J	c	152			84		
Alkalinity, total (mg/L-CaCO3)	884			252			1620		
COD (mg/L)	345			277.0	J	c	252.0	J	c
Hardness (mg/L-CaCO3)	3170			1600			2400		
Total Dissolved Solids, TDS (mg/L)	8710			5510			5790		
Spec. cond., lab (umhos/cm)	14800			8190			9550		
PHYSICAL PARAMETERS-FIELD									
Spec. cond., field @25 C (umhos/cm)	12500			7100			8050		
Water Temp (deg C)	15.4			15.3			17.8		
pH, Field (Std units)	7.02			7.00			7.38		
TOTAL ORGANIC CARBON (mg/L)									
Carbon, TOC	47.7	J	c	45.2			59.7	J	c
ASBESTOS									
Asbestos, Mass (ug/L)	0.00751			0.0			0.0		
Asbestos, Total Structures (MAS/L)	18.8			0.0			0.0		
ANIONS									
Chloride (mg/L)	4897			2535			2559		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	< 2.00			< 0.20			< 0.40		
Nitrogen, NO2+NO3 (mg/L-as N)	0.033			< 0.010			< 0.100		
Sulfate (mg/L)	168.6			2.022			6.379		
RADIOCHEMICALS (pCi/L)									
Alpha, gross	62.2			< 0.1			28.1		
Alpha, gross, ct.error (+/- pCi/L)	73.2			27.7			29.2		
Beta, gross	60			81			21		
Beta, gross, ct.error (+/- pCi/L)	134			50.3			38.3		
Radium 226	7.0	UJ	a	10			5.4	UJ	a
Radium 226, ct.error (+/- pCi/L)	1.5			2			1.4		
Radium 228	< 0.3			< 0.3			0.5		
Radium 228, ct.error (+/- pCi/L)	0.8			0.9			0.8		

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e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable d

Table 2 - Site 2 - Groundwater Analytical R[illegible] for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-010B- 06/27/91			1st Qtr M-012B- 06/25/91			1st Qtr M-013C- 07/12/91			1st Qtr M-013C-DUP 07/12/91			1st Qtr M-014B- 06/20/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	44.9			131	J	c	101	J	c	98.3	J	c	66.0	J	c
Alkalinity, total (mg/L-CaCO3)	1530			912			544			632			532		
COD (mg/L)	359.0	J	c	804.0	J	c	634			612			662.0	J	c
Hardness (mg/L-CaCO3)	2100			7400			8600			7700			9900		
Total Dissolved Solids, TDS (mg/L)	8350			27100			26700			26400			26100		
Spec. cond., lab (umhos/cm)	13600			31900			45400			37500			38700		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	12000			34000			34000			34000			33000		
Water Temp (deg C)	17.3			16.2			18.2			18.2			16.6		
pH, Field (Std units)	7.63			6.92			7.37			7.37			6.90		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	20.3			7.5			35.3	J	c	5.7			6.8		
ASBESTOS															
Asbestos, Mass (ug/L)	0.000736			0.00329			0.0			0.0			0.0		
Asbestos, Total Structures (MAS/L)	9.65			29.8			0.0			0.0			0.0		
ANIONS															
Chloride (mg/L)	4427			15350			15810			15550			14860		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	< 0.80			< 5.00			< 5.00			< 5.00			< 5.00		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.100			< 0.010			0.012	UJ	a	0.012	UJ	a	< 0.010		
Sulfate (mg/L)	4.414			1605			1839			1822			1819		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	29.6			< 0.1			< 0.1			< 0.3			267		
Alpha, gross, ct.error (+/- pCi/L)	50.6			129			4.9			113			278		
Beta, gross	100			< 0.3			4.2			< 0.3			< 0.3		
Beta, gross, ct.error (+/- pCi/L)	41.4			120			8.1			207			123		
Radium 226	3.5			1.9			3.0	UJ	a	3.8	UJ	a	6.0		
Radium 226, ct.error (+/- pCi/L)	1.1			0.9			1			1.2			1.4		
Radium 228	< 0.3			0.5			< 0.3			< 0.3			0.6		
Radium 228, ct.error (+/- pCi/L)	0.8			0.8			0.8			1.9			0.9		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	4th Qtr M-022A- 04/01/92			4th Qtr M-022E- 04/01/92			4th Qtr M-023A- 04/01/92			4th Qtr M-023E- 04/01/92			4th Qtr M-024A- 03/31/92			4th Qtr M-024E- 03/31/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	144			238			83			150			223			226		
Alkalinity, total (mg/L-CaCO3)	445			486			497			430			490			300		
COD (mg/L)	512			317			580			804			563			188		
Hardness (mg/L-CaCO3)	3200			4800			3700			4250			970			1050		
Residue, Dissolved (mg/L)	16000			25800			22500			24900			3520			4070		
Spec. cond., lab (umhos/cm)	25200			39400			29700			39300			5950			6950		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	16000			27000			22000			31000			4650			6000		
Water Temp (deg C)	15.5			18.6			17.8			18.7			17.9			20.5		
pH, Field (Std units)	7.14			6.8			7.02			6.93			6.53			6.67		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	50.9			40.3			32.7			36.9			87.3			58.7		
ASBESTOS																		
Asbestos, Mass (ug/L)	0			0			0			0.0488			0.093			0		
Asbestos, Total Structures (MAS/L)	0			0			0			332			581			0		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	232			466			320			467			58.7			53		
Alpha, gross, ct.error (+/- pCi/L)	88.1			196			119			143			28.6			32		
Beta, gross	409			914			785			707			121			130		
Beta, gross, ct.error (+/- pCi/L)	99.7			205			144			180			41.3			47.4		
Radium 226	1.9	UJ	a	2.6	UJ	a	1.4	UJ	a	5.3			5.1			1.4	UJ	a
Radium 226, ct.error (+/- pCi/L)	0.9			0.9			0.9			1.3			1.3			0.7		
Radium 228	0.9			6.2			2	UJ	a	4.1	UJ	a	2	UJ	a	2	UJ	a
Radium 228, ct.error (+/- pCi/L)	0.5			0.8			0.7			1			0.9			0.8		
ANIONS																		
Chloride (mg/L)	8049			13970			9730			14120			1354			1761		
Cyanide (ug/L)	18.1			< 5.0			30.4			< 5.0			8.7			5.4		
Fluoride (mg/L)	< 2.50			< 2.50			< 2.50			< 0.40			0.25	UJ	a	0.36		
Nitrogen, NO2+NO3 (mg/L-as N)	0.041			< 0.010			0.015			0.072			0.013			0.02		
Sulfate (mg/L)	550.8			875.5			1409			46.33			59.57			42.2		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable dat

Table 2 - Site 2 - Groundwater Analytical R[illegible] for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	4th Qtr M-019E- 04/03/92			4th Qtr M-020A- 04/02/92			4th Qtr M-020E- 04/02/92			4th Qtr M-020E-DUP 04/02/92			4th Qtr M-021A- 04/02/92			4th Qtr M-021E- 04/03/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	173			50.5			232			212			25.9			316		
Alkalinity, total (mg/L-CaCO3)	261			481			1080			1050			440			500		
COD (mg/L)	834			580			690			718			354			528		
Hardness (mg/L-CaCO3)	5900			4600			5200			5200			3800			4950		
Residue, Dissolved (mg/L)	31800			23800			27700			27100			21700			24200		
Spec. cond., lab (umhos/cm)	45000			33100			39100			41700			31800			39500		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	33000			24000			30000			BK			27000			28000		
Water Temp (deg C)	17.4			16.1			17.4			BK			19.4			16.6		
pH, Field (Std units)	6.92			7.45			7.03			BK			8.01			7.01		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	30.8			46.6			20.7			40.4			34.5			42.8		
ASBESTOS																		
Asbestos, Mass (ug/L)	0			0.00941			0			0			0.038			0		
Asbestos, Total Structures (MAS/L)	0			157			0			0			574			0		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	505			495			142			81.4			174			262		
Alpha, gross, ct.error (+/- pCi/L)	156			154			98.1			88.3			87.1			125		
Beta, gross	597			918			217			166			478			719		
Beta, gross, ct.error (+/- pCi/L)	164			174			187			128			150			172		
Radium 226	2.4	UJ	a	2.2	UJ	a	3.1	UJ	a	1.9	UJ	a	2.3	UJ	a	0.8		
Radium 226, ct.error (+/- pCi/L)	0.9			0.8			1			1.2			0.9			0.7		
Radium 228	3.7			1			2.5			4.8			1.9			2.1		
Radium 228, ct.error (+/- pCi/L)	0.7			0.6			0.6			1.2			0.5			0.6		
ANIONS																		
Chloride (mg/L)	17080			12030			14830			14960			10990			8921		
Cyanide (ug/L)	< 5.0	UJ	post	< 5.0	UJ	post	< 5.0			< 5.0	UJ	post,	< 5.0			< 5.0		
Fluoride (mg/L)	< 2.50			< 2.50			< 2.50			< 2.50		ms	< 2.50			2.64		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			0.041			< 0.010			0.018			0.018			0.01		
Sulfate (mg/L)	1660			2069			949.2			938.8			1736			491.7		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	4th Qtr M-015A- 04/07/92			4th Qtr M-016A- 04/06/92			4th Qtr M-017A- 04/03/92			4th Qtr M-018A- 04/03/92			4th Qtr M-018E- 04/06/92			4th Qtr M-019A- 04/03/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	12			162			40.7			47.4			100			24.1		
Alkalinity, total (mg/L-CaCO3)	143			500			215			173			445			239		
COD (mg/L)	< 50.0			733			718			452			402			306		
Hardness (mg/L-CaCO3)	42			4100			5700			5200			6200			3900		
Residue, Dissolved (mg/L)	385			21200			32000			24500			32600			24400		
Spec. cond., lab (umhos/cm)	551			31200			43500			31800			45900			35600		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	400			22000			31500			24000			31000			24000		
Water Temp (deg C)	16.8			19.1			16.9			17.8			16.8			15.7		
pH, Field (Std units)	7.12			6.79			7.15			7.1			7.15			7		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	13.4	UJ	a	20.7			21.3			26.2			8.9	UJ	a	27.4		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.00002			0			0			0			0			0.00248		
Asbestos, Total Structures (MAS/L)	4.05			0			0			0			0			15.5		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	3.4			211			138			211			283			255		
Alpha, gross, ct.error (+/- pCi/L)	2.3			93.3			110			113			124			118		
Beta, gross	7.4			370			460			488			339			689		
Beta, gross, ct.error (+/- pCi/L)	3.1			138			181			147			169			199		
Radium 226	0.9	UJ	a	0.8			0.9	UJ	a	1.1	UJ	a	2.9			1.3	UJ	a
Radium 226, ct.error (+/- pCi/L)	0.9			0.9			0.9			1			1.3			0.9		
Radium 228	0.6			1.8			1.2			1.8			3.5			2.3		
Radium 228, ct.error (+/- pCi/L)	0.5			0.5			0.5			0.5			0.7			0.5		
ANIONS																		
Chloride (mg/L)	84.36			10490			16850			12170			17110			12920		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0	UJ	post	< 5.0	UJ	post	< 5.0			< 5.0	UJ	post
Fluoride (mg/L)	0.2	UJ	a	< 2.50			< 2.50			< 2.50			< 2.50			2.62		
Nitrogen, NO2+NO3 (mg/L-as N)	0.719			< 0.010			0.773			0.172			0.013			1.67		
Sulfate (mg/L)	26.62			1806			2446			2349			2121			1941		

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Table 2 - Site 2 - Groundwater Analytical k for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	4th Qtr M-010A- 04/08/92			4th Qtr M-011A- 04/08/92			4th Qtr M-012A- 04/08/92			4th Qtr M-012A-DUP 04/08/92			4th Qtr M-013A- 04/07/92			4th Qtr M-014A- 04/07/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	17.3			172			11.3			12			5.1			4	UJ	a
Alkalinity, total (mg/L-CaCO3)	319			499			105			101			126			49		
COD (mg/L)	53			303			< 50.0			< 50.0			< 50.0			< 50.0		
Hardness (mg/L-CaCO3)	172			2200			12			8			20			24		
Residue, Dissolved (mg/L)	2370			7490			424			369			338			584		
Spec. cond., lab (umhos/cm)	3960			12200			339			324			363			129		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	3300			7500			210			BK			300			100		
Water Temp (deg C)	17.5			17.1			16			BK			18.1			17.2		
pH, Field (Std units)	7.22			6.65			6.83			BK			7.65			7.55		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	12	UJ	a	70.7			7.6	UJ	a	9.5	UJ	a	7.8	UJ	a	2.7	UJ	a
ASBESTOS																		
Asbestos, Mass (ug/L)	0.000012			0.00347			0			0.00486			0			0		
Asbestos, Total Structures (MAS/L)	0.406			30.6			0			20.2			0			0		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	23.5			83.8			16.2			14.1			6.8			8.9		
Alpha, gross, ct.error (+/- pCi/L)	23.5			46.6			4.3			4.1			2.2			3.5		
Beta, gross	47			226			26.3			21.8			30			22.8		
Beta, gross, ct.error (+/- pCi/L)	35.6			71.1			4.7			4.6			3.2			5.2		
Radium 226	0.5	UJ	a	1.2	UJ	a	3			4	J	ms	2	UJ	a	4.9		
Radium 226, ct.error (+/- pCi/L)	0.7			0.9			1.3			1.5			1.1			1.7		
Radium 228	0.5			2.5			0.8			< 0.3			< 0.3			1.6		
Radium 228, ct.error (+/- pCi/L)	0.4			0.6			0.5			0.8			0.4			0.5		
ANIONS																		
Chloride (mg/L)	1078			3345			29.98			31.43			27.35			7.55		
Cyanide (ug/L)	< 5.0			7.1			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	0.58			< 0.50			0.34	UJ	a	0.34	UJ	a	0.64			0.34	UJ	a
Nitrogen, NO2+NO3 (mg/L-as N)	0.033			0.082			1.62			1.63	J	ms	1.29			1.14		
Sulfate (mg/L)	109.9			345.4			12.21			12.53			30.12			5.372		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-022A- 01/22/92			3rd Qtr M-022E- 01/21/92			3rd Qtr M-023A- 01/22/92			3rd Qtr M-023E- 01/22/92			3rd Qtr M-024A- 02/03/92			3rd Qtr M-024E- 02/03/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	302			194			46			212			263			198		
Alkalinity, total (mg/L-CaCO3)	500			1070			319			726			1180			872		
COD (mg/L)	1642			958.0			748.0			958.0			637.0			264.0		
Hardness (mg/L-CaCO3)	5740			5300			5040			4120			996			928		
Total Dissolved Solids, TDS (mg/L)	20000			24800			25500			24500			4500			4660		
Spec. cond., lab (umhos/cm)	51600			32400			80600			52900			7810			7910		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	22000			28000			27000			31000			6000			6050		
Water Temp (deg C)	13.4			14.8			12.4			16.2			17.2			17.9		
pH, Field (Std units)	6.89			6.55			6.80			6.82			6.51			6.70		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	31			19.5			37.4			12.4			77.5			60.1		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.00135			0.00113			0.00344			0.00298			0.0207			0.0		
Asbestos, Total Structures (MAS/L)	38.5			19.6			28.9			46.6			200			0.0		
ANIONS																		
Chloride (mg/L)	11230			11180			14260			15130			2034			2068		
Cyanide (ug/L)	18			< 5.0			28.6			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	< 2.50			< 2.50			< 2.50			< 2.50			< 0.50			< 0.40		
Nitrogen, NO2+NO3 (mg/L-as N)	0.397			< 0.010			0.012			0.017			< 0.010			< 0.010		
Sulfate (mg/L)	794.4			871.3			1982			32.37			15.31			17.87		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	233			252			153			311			47.1			19.6		
Alpha, gross, ct.error (+/- pCi/L)	195			190			222			244			29.5			29.7		
Beta, gross	< 0.3			< 0.3			121			9.2			79.7			13.3		
Beta, gross, ct.error (+/- pCi/L)	167			161			189			182			49.3			49.9		
Radium 226	1.2			2.2			0.5			2.6			2.6			1.1		
Radium 226, ct.error (+/- pCi/L)	0.5			0.7			0.4			0.8			0.9			0.6		
Radium 228	2.0			6.7			0.5			5.4			2.0			0.3		
Radium 228, ct.error (+/- pCi/L)	0.8			1.1			0.7			1.0			0.6			0.6		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-019E- 01/20/92			3rd Qtr M-020A- 01/21/92			3rd Qtr M-020E- 01/21/92			3rd Qtr M-021A- 01/21/92			3rd Qtr M-021E- 01/21/92			3rd Qtr M-021E-DUP 01/21/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	122			27.8			168			18.5			210			142		
Alkalinity, total (mg/L-CaCO3)	437			197			953			171			1000			150		
COD (mg/L)	1236			718.0			402.0			718.0			958.0	J	c	504.0		
Hardness (mg/L-CaCO3)	6100			5700			5300			5100			5500			5200		
Total Dissolved Solids, TDS (mg/L)	29700			30900			26200			28800			25600			25200		
Spec. cond., lab (umhos/cm)	35200			33400			34400			32400			34100			32700		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	31000			30500			27500			28000			27000			27000		
Water Temp (deg C)	14.5			14.7			14.6			13.5			15.5			15.5		
pH, Field (Std units)	6.84			6.90			6.82			7.79			6.61			6.61		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	17.1			6.0			10.1			30.8			50.8			18.9		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0			0.0			0.00109			0.0160			0.0			0.0		
Asbestos, Total Structures (MAS/L)	0.0			0.0			0.0			138			0.0			0.0		
ANIONS																		
Chloride (mg/L)	13280			13690			11980			12880			11560			11660		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	< 2.50			< 2.50			< 2.50			< 2.50			< 2.50			< 2.50		
Nitrogen, NO2+NO3 (mg/L-as N)	0.035			0.016			0.015			0.065			< 0.010			0.022		
Sulfate (mg/L)	1689			2300			1047			2129			580.9			555		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	152			645			377			397			377			210		
Alpha, gross, ct.error (+/- pCi/L)	179			316			228			257			326			219		
Beta, gross	< 0.3			< 0.3			< 0.3			89.3			129			60.9		
Beta, gross, ct.error (+/- pCi/L)	159			183			162			174			195			190		
Radium 226	3.6			2.6			2.8			0.6			1.2			1.2		
Radium 226, ct.error (+/- pCi/L)	1.0			0.9			1.0			0.5			0.5			0.9		
Radium 228	2.6	J	c	1.7	J	c	2.1			1.8			2.9			2.2		
Radium 228, ct.error (+/- pCi/L)	0.5			0.5			0.8			0.7			0.8			1.4		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-015A- 01/17/92			3rd Qtr M-016A- 01/20/92			3rd Qtr M-017A- 01/20/92			3rd Qtr M-018A- 01/20/92			3rd Qtr M-018E- 01/20/92			3rd Qtr M-019A- 01/20/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	1.1	UJ	a	66.8			35.9			23.7			67.4			24.2		
Alkalinity, total (mg/L-CaCO3)	107			236			244			196			468			168		
COD (mg/L)	< 50.0			432.0			388.0			290.0			804.0			894.0		
Hardness (mg/L-CaCO3)	21.0			5900			5000			5400			6000			5700		
Total Dissolved Solids, TDS (mg/L)	476			28900			28600			23600			29700			29700		
Spec. cond., lab (umhos/cm)	500			36400			36400			28500			35600			34400		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	480			30000			30500			26500			31000			30000		
Water Temp (deg C)	15.8			16.8			16.0			16.4			15.6			14.8		
pH, Field (Std units)	7.41			6.78			7.09			6.93			7.03			7.03		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	5.4			5.6	UJ	a	7.0	UJ	a	4.6	UJ	a	9.5			6.5	UJ	a
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0132			0.0			0.000816			0.000215			0.000808			0.00564		
Asbestos, Total Structures (MAS/L)	97.8			0.0			2.33			5.89			19.0			93.9		
ANIONS																		
Chloride (mg/L)	96.4			12560			12570			10120			13030			12750		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	< 0.20			< 2.50			< 2.50			< 2.50			< 2.50			< 2.50		
Nitrogen, NO2+NO3 (mg/L-as N)	0.93			0.012			0.180			0.035			0.105			0.409		
Sulfate (mg/L)	22.27			2271			2358			2075			2109			2389		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	11.3			443			239			180			176			334		
Alpha, gross, ct.error (+/- pCi/L)	8.2			219			174			167			157			179		
Beta, gross	30.6			182			73.1			14.5			86.5			< 0.3		
Beta, gross, ct.error (+/- pCi/L)	8.4			179			192			146			152			178		
Radium 226	0.7			2.4			1.5			2.1			3.2			2.9		
Radium 226, ct.error (+/- pCi/L)	0.5			0.9			0.7			0.8			1.0			0.9		
Radium 228	< 0.3	UJ	c	0.9	J	c	2.1	J	c	2.1	J	c	2.8	J	c	1.6	J	c
Radium 228, ct.error (+/- pCi/L)	0.5			0.5			0.5			0.5			0.6			0.6		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-010A- 01/16/92			3rd Qtr M-010A- 01/20/92			3rd Qtr M-011A- 01/16/92			3rd Qtr M-012A- 01/17/92			3rd Qtr M-013A- 01/17/92			3rd Qtr M-014A- 01/16/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	21.6			NA			379			4.9			2.3	UJ	a	< 1.0		
Alkalinity, total (mg/L-CaCO3)	302			NA			500			74			140			42		
COD (mg/L)	63.0			NA			226.0			< 50.0			< 50.0			< 50.0		
Hardness (mg/L-CaCO3)	564			NA			2800			15.0			13.0			12.5		
Total Dissolved Solids, TDS (mg/L)	5400			NA			7210			506			574			607		
Spec. cond., lab (umhos/cm)	8180			NA			10700			309			367			141		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	7000			6800			7000			700			370			110		
Water Temp (deg C)	14.9			14.7			15.7			14.0			15.1			14.3		
pH, Field (Std units)	7.08			7.27			7.26			7.65			8.72			8.12		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	8.2			NA			45.1			10.5			5.1	UJ	a	6.3		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0280			NA			0.00880			0.0			0.0			0.0		
Asbestos, Total Structures (MAS/L)	293			NA			143			0.0			0.0			0.0		
ANIONS																		
Chloride (mg/L)	2741			NA			3471			48.33			50.12			12.43		
Cyanide (ug/L)	< 5.0			NA			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	< 20.0			NA			0.6			0.31	UJ	a	0.66	UJ	a	< 0.20		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			NA			0.011			3.39			1.71			1.67		
Sulfate (mg/L)	307.6			NA			302.8			14.89			26.37			7.031		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	30.4			NA			< 0.1			121			12.5			24.6		
Alpha, gross, ct.error (+/- pCi/L)	37.1			NA			42.6			39.8			8.1			13.2		
Beta, gross	26.1			NA			81.6			91.4			18.5			48.8		
Beta, gross, ct.error (+/- pCi/L)	52.7			NA			79.6			30.6			8.3			15.7		
Radium 226	2.2			NA			1.2			3.7			0.9			3.8		
Radium 226, ct.error (+/- pCi/L)	0.5			NA			0.6			1.0			0.5			1.1		
Radium 228	< 0.3	UJ	c	NA			1.1	J	c	2.1	J	c	0.4	J	c	2.8	J	c
Radium 228, ct.error (+/- pCi/L)	0.5			NA			0.6			0.5			0.4			0.6		

Qualifiers:

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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-022E-DUP 10/01/91			2nd Qtr M-023A- 10/01/91			2nd Qtr M-023E- 10/01/91			2nd Qtr M-024A- 10/11/91			2nd Qtr M-024E- 10/11/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	181	J	c	130	J	c	200	J	c	357			238		
Alkalinity, total (mg/L-CaCO3)	1010			776			1430			1320			1180		
COD (mg/L)	752.0			904.0			1324			1425			374		
Hardness (mg/L-CaCO3)	5300			5500			4700			2100			1500		
Total Dissolved Solids, TDS (mg/L)	24200			26400			24900			4890			4310		
Spec. cond., lab (umhos/cm)	34200			34800			34400			7630			6540		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	32000			39000			35000			7000			6000		
Water Temp (deg C)	21.0			21.0			18.0			20.0			19.0		
pH, Field (Std units)	7.00			7.00			7.00			7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	19.9			< 1.0			22			26.9			27.7		
ASBESTOS															
Asbestos, Mass (ug/L)	0.186			0.0			0.427			0.00917			0.0		
Asbestos, Total Structures (MAS/L)	1350			0.0			885			52.9			0.0		
ANIONS															
Chloride (mg/L)	13990			15450			15090			2165			1854		
Cyanide (ug/L)	< 2.5			49.0			2.5			14.7			< 10.0		
Fluoride (mg/L)	< 5.00			< 5.00			< 5.00			< 1.00			< 0.80		
Nitrogen, NO2+NO3 (mg/L-as N)	0.019			0.044			< 4.00			< 4.00			0.01		
Sulfate (mg/L)	818.4			1497			38.78			22.48			35.18		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	63.1			193			16.1			31.0			4.6		
Alpha, gross, ct.error (+/- pCi/L)	97.8			195			105			28.8			29.8		
Beta, gross	280			250			47			110			41		
Beta, gross, ct.error (+/- pCi/L)	120			166			144			52.3			43.5		
Radium 226	3.6			1.8			15			6.1			2.5		
Radium 226, ct.error (+/- pCi/L)	1.7			1.0			1.8			1.2			0.8		
Radium 228	5.5			3.8			9.6			6.0	UJ	a	4.4	UJ	a
Radium 228, ct.error (+/- pCi/L)	0.8			0.8			1.0			0.8			0.7		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-020E- 09/27/91			2nd Qtr M-021A- 09/30/91			2nd Qtr M-021E- 09/30/91			2nd Qtr M-022A- 10/01/91			2nd Qtr M-022E- 10/01/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	166	J	c	25.2	J	c	171	J	c	224	J	c	186	J	c
Alkalinity, total (mg/L-CaCO3)	1240			32.0			1360			2460			1110		
COD (mg/L)	564.0	J	c	1056			852.0			520.0			1008		
Hardness (mg/L-CaCO3)	5500			5600			5600			5300			4900		
Total Dissolved Solids, TDS (mg/L)	27000			31300			25800			20900			23900		
Spec. cond., lab (umhos/cm)	39000			43000			38100			28400			32500		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	34500			40000			33000			29000			32000		
Water Temp (deg C)	19.0			20.0			18.0			20.0			21.0		
pH, Field (Std units)	6.00			7.00			7.00			7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	16.9			18.9			17.9			57.4			23.2		
ASBESTOS															
Asbestos, Mass (ug/L)	0.0180			0.0157			0.0172			0.145			0.399		
Asbestos, Total Structures (MAS/L)	156			0.0			257			389			2850		
ANIONS															
Chloride (mg/L)	15600			17360			14990			11870			14070		
Cyanide (ug/L)	< 10.0			< 2.5			< 2.5			2.5			< 2.5		
Fluoride (mg/L)	< 5.00			< 5.00			< 5.00			< 5.00			< 5.00		
Nitrogen, NO2+NO3 (mg/L-as N)	0.022			0.018	UJ	a	< 0.010			0.552			< 0.250		
Sulfate (mg/L)	1120			2304			824.2			879.9			781.4		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	< 0.1			< 0.3			< 0.3			50.4			< 0.3		
Alpha, gross, ct.error (+/- pCi/L)	81.9			103			103			119			89.6		
Beta, gross	< 0.3			400			240			320			210		
Beta, gross, ct.error (+/- pCi/L)	176			141			151			149			157		
Radium 226	2.6			1.3			2.0			2.0			1.9		
Radium 226, ct.error (+/- pCi/L)	1.1			0.7			0.8			1.0			0.9		
Radium 228	0.7			1.9			1.9			1.6			6.1		
Radium 228, ct.error (+/- pCi/L)	0.9			0.6			0.6			0.6			0.9		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-018E- 09/26/91			2nd Qtr M-019A- 09/27/91			2nd Qtr M-019A-DUP 09/27/91			2nd Qtr M-019E- 09/27/91			2nd Qtr M-020A- 09/27/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	69.1	J	c	33.2	J	c	31.6	J	c	133	J	c	22.5	J	c
Alkalinity, total (mg/L-CaCO3)	440			118			130			936			162		
COD (mg/L)	660.0	J	c	708.0	J	c	804.0	J	c	504.4	J	c	804.0	J	c
Hardness (mg/L-CaCO3)	6300			8400			6700			6200			5900		
Total Dissolved Solids, TDS (mg/L)	29400			30900			30900			29700			31200		
Spec. cond., lab (umhos/cm)	38500			40200			39000			43400			44300		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	31000			32000			32000			37000			34000		
Water Temp (deg C)	20.0			21.0			21.0			21.0			21.0		
pH, Field (Std units)	7.00			7.00			7.00			7.00			6.00		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	6.2			2.9			2			12.4			3.6		
ASBESTOS															
Asbestos, Mass (ug/L)	0.0			0.000217			0.000040			0.0			0.0		
Asbestos, Total Structures (MAS/L)	0.0			2.17			0.504			0.0			0.0		
ANIONS															
Chloride (mg/L)	16410			17240			17090			16660			17510		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	< 5.00			< 5.00			< 5.00			< 5.00			< 5.00		
Nitrogen, NO2+NO3 (mg/L-as N)	0.062			1.03			0.736			0.028			0.034		
Sulfate (mg/L)	2097			2427			2420			1543			2395		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	< 0.3			101			< 0.3			< 0.1			< 0.1		
Alpha, gross, ct.error (+/- pCi/L)	149			302			150			59.6			55.1		
Beta, gross	19			< 0.5			170			110			< 0.3		
Beta, gross, ct.error (+/- pCi/L)	137			147			175			140			162		
Radium 226	2.5			2.3			< 0.3			2.4			2.4		
Radium 226, ct.error (+/- pCi/L)	0.8			0.9			1.0			1.0			1.1		
Radium 228	3.8			4.5			8.5			0.4			4.3		
Radium 228, ct.error (+/- pCi/L)	0.8			1			1.7			0.9			1.0		

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Table 2 - Site 2 - Groundwater Analytical R , for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-014A- 09/25/91			2nd Qtr M-015A- 09/25/91			2nd Qtr M-016A- 09/26/91			2nd Qtr M-017A- 09/26/91			2nd Qtr M-018A- 09/26/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	< 1.0	UJ	c	< 1.0	UJ	c	37.5	J	c	28.4	J	c	25.5	J	c
Alkalinity, total (mg/L-CaCO3)	47.0			84.0			230			194			162		
COD (mg/L)	63.0	J	c	53.0	J	c	612.0			564.0	J	c	520.0	J	c
Hardness (mg/L-CaCO3)	76.0			40.0			6500			6000			5800		
Total Dissolved Solids, TDS (mg/L)	202			398			25400			30000			25500		
Spec. cond., lab (umhos/cm)	195			352			34900			39500			34400		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	180			260			34000			38000			37000		
Water Temp (deg C)	20.0			20.0			21.0			21.0			21.0		
pH, Field (Std units)	7.00			7.00			7.00			7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	3.2			6.5			3.7			2.4			5.2		
ASBESTOS															
Asbestos, Mass (ug/L)	0.00565			0.0256			0.0			0.0273			0.0		
Asbestos, Total Structures (MAS/L)	47.1			117			0.0			181			0.0		
ANIONS															
Chloride (mg/L)	24.38			48.15			14040			16690			14390		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	< 0.20			< 0.20			< 5.00			< 5.00			< 5.00		
Nitrogen, NO2+NO3 (mg/L-as N)	0.793			0.114			0.045			0.128			0.144		
Sulfate (mg/L)	9.584			15.34			2101			2447			2254		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	21.0			5.2			< 0.3			< 0.3			< 0.3		
Alpha, gross, ct.error (+/- pCi/L)	9.3			4.0			144			145			63.0		
Beta, gross	< 0.5			< 0.5			38			< 0.5			1.7		
Beta, gross, ct.error (+/- pCi/L)	4.3			2.9			120			162			129		
Radium 226	4.7			5.9			1.8			2.2			2.4		
Radium 226, ct.error (+/- pCi/L)	1.1			1.3			0.7			0.8			0.8		
Radium 228	4.3			2.8			7.5			7.4			2.3		
Radium 228, ct.error (+/- pCi/L)	0.8			0.7			1			0.9			0.8		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-010A- 09/25/91			2nd Qtr M-010A-DUP 09/25/91			2nd Qtr M-011A- 09/24/91			2nd Qtr M-012A- 09/24/91			2nd Qtr M-013A- 09/24/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	44.6	J	c	36.7	J	c	203	J	c	4.6	UJ	a	< 1.0	UJ	c
Alkalinity, total (mg/L-CaCO3)	537			504			1140			74.0			126		
COD (mg/L)	345.0	J	c	252.0	J	c	374.0	J	c	< 50.0	UJ	c	< 50.0	UJ	c
Hardness (mg/L-CaCO3)	1700			1500			2380			16.0			20.0		
Total Dissolved Solids, TDS (mg/L)	8250			8170			8570			396			432		
Spec. cond., lab (umhos/cm)	12900			11500			14500			356			429		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	12000			12000			12000			320			400		
Water Temp (deg C)	19.0			19.0			21.0			21.0			21.0		
pH, Field (Std units)	7.00			7.00			7.00			7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	7.3			2.4			55.4			4.3			4.9		
ASBESTOS															
Asbestos, Mass (ug/L)	0.0387			0.000806			0.0			0.0			0.0		
Asbestos, Total Structures (MAS/L)	467			8.94			0.0			0.0			0.0		
ANIONS															
Chloride (mg/L)	4194			4059			4459			59.92			50.1		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	< 2.00			< 5.00			< 2.00			0.36	UJ	c	0.58	UJ	a
Nitrogen, NO2+NO3 (mg/L-as N)	0.200			0.044			0.095			0.758			0.794		
Sulfate (mg/L)	419.5			420.3			247.2			16.37			26.62		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	21.0			13.4			< 0.3			36.6			5.7		
Alpha, gross, ct.error (+/- pCi/L)	29.1			18.5			60.3			12.4			4.9		
Beta, gross	< 0.5			< 0.5			18			< 0.5			< 0.5		
Beta, gross, ct.error (+/- pCi/L)	38.5			19.6			44.0			7.5			4.0		
Radium 226	1.3			1.9			2.4			4.4			3.9		
Radium 226, ct.error (+/- pCi/L)	0.7			1.2			0.8			1.1			0.9		
Radium 228	2.5			3.4			5.1			2			3		
Radium 228, ct.error (+/- pCi/L)	0.7			1.4			0.8			0.7			0.8		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical R , for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-023E- 07/01/91			1st Qtr M-023E- 08/02/91			1st Qtr M-024A- 07/18/91			1st Qtr M-024E- 07/18/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB												
Acidity, total (mg/L-CaCO3)	196			NA			285	J	c	194	J	c
Alkalinity, total (mg/L-CaCO3)	1680			NA			1320			1210		
COD (mg/L)	1780	J	c	NA			674			303		
Hardness (mg/L-CaCO3)	4900			NA			2200			1600		
Total Dissolved Solids, TDS (mg/L)	25700			NA			2340			4540		
Spec. cond., lab (umhos/cm)	36000			NA			9120			9190		
PHYSICAL PARAMETERS-FIELD												
Spec. cond., field @25 C (umhos/cm)	35000			34000			6000			6000		
Water Temp (deg C)	17.1			17.6			17.4			17.2		
pH, Field (Std units)	7.10			7.17			6.75			6.67		
TOTAL ORGANIC CARBON (mg/L)												
Carbon, TOC	33			NA			114	J	c	30.2	J	c
ASBESTOS												
Asbestos, Mass (ug/L)	0.418			NA			0.00981			0.0		
Asbestos, Total Structures (MAS/L)	2710			NA			164			0.0		
ANIONS												
Chloride (mg/L)	15170			NA			2118			2107		
Cyanide (ug/L)	< 10.0			NA			< 10.0			< 10.0		
Fluoride (mg/L)	< 1.00			NA			< 1.00			< 1.00		
Nitrogen, NO2+NO3 (mg/L-as N)	< 1.00			NA			< 0.100			< 0.100		
Sulfate (mg/L)	4.699			NA			23.28			57.89		
RADIOCHEMICALS (pCi/L)												
Alpha, gross	458			NA			55.9			66.3		
Alpha, gross, ct.error (+/- pCi/L)	267			NA			36.7			48.7		
Beta, gross	250			NA			35			31		
Beta, gross, ct.error (+/- pCi/L)	171			NA			46.0			49.1		
Radium 226	23	UJ	a	NA			11			5.0	UJ	a
Radium 226, ct.error (+/- pCi/L)	2.9			NA			1.8			1.3		
Radium 228	< 0.3			NA			0.9			0.6		
Radium 228, ct.error (+/- pCi/L)	0.8			NA			1.7			0.8		

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J = Qualified, estimated value
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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-021A-DUP 07/02/91			1st Qtr M-021E- 07/02/91			1st Qtr M-021E- 08/02/91			1st Qtr M-022A- 07/02/91			1st Qtr M-022E- 07/08/91			1st Qtr M-023A- 07/01/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	24.9			190			NA			216			255			108		
Alkalinity, total (mg/L-CaCO3)	260			1660			NA			1220			2320			520		
COD (mg/L)	1642	J	c	690.0	J	c	NA			432.0	J	c	834.0	J	c	834.0	J	c
Hardness (mg/L-CaCO3)	6000			5000			NA			4400			5600			5500		
Total Dissolved Solids, TDS (mg/L)	28900			24900			NA			17900			24400			21200		
Spec. cond., lab (umhos/cm)	38800			33900			NA			25700			32600			29900		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	37000			34000			30000			25000			31000			30000		
Water Temp (deg C)	16.8			17.2			18.1			18.8			15.5			18.2		
pH, Field (Std units)	8.01			7.11			7.13			7.04			6.92			7.10		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	15.0	J	c	40.9			NA			68.2			40.4			39.1		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.324			0.00110			NA			0.113			0.00631			0.0120		
Asbestos, Total Structures (MAS/L)	2400			18.3			NA			1030			53.9			155		
ANIONS																		
Chloride (mg/L)	15910			14690			NA			10060			14380			12820		
Cyanide (ug/L)	< 10.0			< 10.0			NA			19.9			< 10.0			65.9		
Fluoride (mg/L)	< 5.00			< 5.00			NA			< 5.00			< 5.00			< 5.00		
Nitrogen, NO2+NO3 (mg/L-as N)	0.018			0.099			NA			0.046			< 0.100			0.01		
Sulfate (mg/L)	2201			560.2			NA			764.5			719.4			1503		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	94.3			< 0.1			NA			77.7			394			< 0.1		
Alpha, gross, ct.error (+/- pCi/L)	239			140			NA			76.1			234			196		
Beta, gross	170			140			NA			120			110			520		
Beta, gross, ct.error (+/- pCi/L)	214			127			NA			154			165			154		
Radium 226	9.4	UJ	a	4.2	UJ	a	NA			11			18			3.5	UJ	a
Radium 226, ct.error (+/- pCi/L)	2.6			1.2			NA			2.1			2.7			1.1		
Radium 228	< 0.3			< 0.3			NA			< 0.3			< 0.3			< 0.3		
Radium 228, ct.error (+/- pCi/L)	1.5			0.8			NA			0.8			1.4			0.8		

Qualifiers:

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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-019A- 07/11/91			1st Qtr M-019E- 07/17/91			1st Qtr M-020A- 07/10/91			1st Qtr M-020A-DUP 07/10/91			1st Qtr M-020E- 07/10/91			1st Qtr M-021A- 07/02/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	25.0	J	c	137	J	c	30.8	J	c	35.3	J	c	162	J	c	21.2		
Alkalinity, total (mg/L-CaCO3)	208			896			176			190			1140			176		
COD (mg/L)	634			958			958.0	J	c	864.0	J	c	804			1386	J	c
Hardness (mg/L-CaCO3)	4600			6600			6000			5600			6000			6000		
Total Dissolved Solids, TDS (mg/L)	26100			28600			29600			28900			26400			30800		
Spec. cond., lab (umhos/cm)	34400			50900			38000			35300			35300			39100		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	34000			37000			37000			37000			34000			37000		
Water Temp (deg C)	16.2			17.1			15.4			15.4			14.9			16.8		
pH, Field (Std units)	7.68			7.08			7.22			7.22			6.99			8.01		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	29.9	J	c	71.3	J	c	27.1	J	c	5.8			50.3	J	c	25.2	J	c
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0146			0.0			0.00589			0.195			0.0			0.0538		
Asbestos, Total Structures (MAS/L)	19.2			0.0			56.9			461			0.0			529		
ANIONS																		
Chloride (mg/L)	14670			16720			16550			16320			15420			17420		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	< 5.00			< 5.00			< 5.00			< 5.00			< 5.00			< 5.00		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			< 0.010			0.012	UJ	a	0.036			< 0.010			0.018		
Sulfate (mg/L)	2284			1543			2270			2307			1009			2300		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	19.0			< 0.1			< 0.1			400			231			92.1		
Alpha, gross, ct.error (+/- pCi/L)	170			162			185			250			194			286		
Beta, gross	20			170			380			< 0.3			51			380		
Beta, gross, ct.error (+/- pCi/L)	125			129			168			197			154			183		
Radium 226	7.3	UJ	a	3.4	UJ	a	4.3	UJ	a	7.7	UJ	a	9.4	UJ	a	9.3	UJ	a
Radium 226, ct.error (+/- pCi/L)	1.7			1.1			1.3			1.8			1.9			1.8		
Radium 228	0.4			< 0.3			< 0.3			0.7			< 0.3			< 0.3		
Radium 228, ct.error (+/- pCi/L)	0.8			0.8			0.9			1.9			0.9			0.8		

Qualifiers:

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J = Qualified, estimated value	b = surrogate spike	f = replicate
R = Qualified, not usable	c = matrix spike	g = post-digestion spike recovery
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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-015A- 07/18/91			1st Qtr M-015A-DUP 07/18/91			1st Qtr M-016A- 07/11/91			1st Qtr M-017A- 07/08/91			1st Qtr M-018A- 07/11/91			1st Qtr M-018E- 07/11/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	7.3	UJ	a,c	6.4	UJ	a,c	78.7	J	c	28.7			31.5	J	c	71.7	J	c
Alkalinity, total (mg/L-CaCO3)	128			664			370			250			226			506		
COD (mg/L)	63			< 50.0			2640			662.0	J	c	452			690.0		
Hardness (mg/L-CaCO3)	40.0			60.0			5500			5400			4700			6200		
Total Dissolved Solids, TDS (mg/L)	362			353			24500			27800			29400			29200		
Spec. cond., lab (umhos/cm)	681			579			31300			35200			29500			37900		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	375			375			31000			33000			27000			35000		
Water Temp (deg C)	17.0			17.0			17.8			NA			16.5			16.1		
pH, Field (Std units)	7.28			7.28			7.22			7.29			7.70			7.58		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	11.5	J	c	3.1			26.7	J	c	10.3			10.8	J	c	25.2	J	c
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0			0.00494			0.00245			0.0216			0.00226			0.0224		
Asbestos, Total Structures (MAS/L)	0.0			70.4			23.7			233			14.5			355		
ANIONS																		
Chloride (mg/L)	81.16			83.5			13410			15020			12110			16740		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	< 0.20			0.21	UJ	a	< 5.00			< 5.00			< 5.00			< 5.00		
Nitrogen, NO2+NO3 (mg/L-as N)	0.939			0.944			< 0.010			0.049	UJ	a	0.02			< 0.010		
Sulfate (mg/L)	24.97			25.05			2121			2294			2338			2127		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	75.4			10.6			< 0.1			46.6			80.0			532		
Alpha, gross, ct.error (+/- pCi/L)	121			6.6			76.6			183			147			443		
Beta, gross	530			< 0.3			230			250			70			83		
Beta, gross, ct.error (+/- pCi/L)	144			7.3			162			135			140			154		
Radium 226	5.9	UJ	a	6.1			1.7	UJ	a	8.5	UJ	a	2.7	UJ	a	7.6	UJ	a
Radium 226, ct.error (+/- pCi/L)	1.5			2.4			0.9			1.7			1.1			1.6		
Radium 228	< 0.3			< 0.3			< 0.3			0.7			< 0.3			0.5		
Radium 228, ct.error (+/- pCi/L)	0.9			1.0			0.8			0.9			0.9			0.9		

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Table 2 - Site 2 - Groundwater Analytical R for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-010A- 06/19/91			1st Qtr M-011A- 06/28/91			1st Qtr M-012A- 06/25/91			1st Qtr M-013A- 07/11/91			1st Qtr M-014A- 06/20/91			1st Qtr M-014A-DUP 06/20/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	30.1	J	c	127	J	c	5.2	UJ	a, c	< 1.0	UJ	c	1.0	UJ	a,c	2.4	UJ	a,c
Alkalinity, total (mg/L-CaCO3)	544			980			116			120			36			480		
COD (mg/L)	170.0	J	c	359.0	J	c	85.0	J	c	< 50.0			< 50.0			< 50.0		
Hardness (mg/L-CaCO3)	2300			1960			24.0			8.0			24.0			40.0		
Total Dissolved Solids, TDS (mg/L)	6380			8030			629			365			476			380		
Spec. cond., lab (umhos/cm)	11500			12500			436			404			396			237		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	10000			11000			240			400			120			120		
Water Temp (deg C)	17.8			17.1			16.5			16.6			15.7			15.7		
pH, Field (Std units)	7.16			6.59			6.96			9.10			7.65			7.65		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	8.8			52.6			5.6			9.3	J	c	4.2			3.3		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0317			0.0			0.00532			0.0			0.0239			0.00250		
Asbestos, Total Structures (MAS/L)	13.4			0.0			110			0.0			30.9			18.8		
ANIONS																		
Chloride (mg/L)	3385			3896			39.74			38.9			18.54			12.78		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0			NA		
Fluoride (mg/L)	< 0.80			< 0.80			0.32	UJ	a	0.53	J	c	0.28	UJ	a	0.27	UJ	a
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			< 0.200			1.43			1.33			2.22			2.59		
Sulfate (mg/L)	322.1			313.4			13.86			28.09			9.473			9.357		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	< 0.1			< 0.1			54.7			8.0			14.7			22.4		
Alpha, gross, ct.error (+/- pCi/L)	39.3			30.6			32.4			6.4			9.7			7.7		
Beta, gross	51			67			62			19			18			16		
Beta, gross, ct.error (+/- pCi/L)	45.9			43.7			24.9			7.1			8.9			6.4		
Radium 226	1.5			2.8			11			7.4	UJ	a	10.0			1.6		
Radium 226, ct.error (+/- pCi/L)	0.6			0.9			1.7			1.7			1.7			0.8		
Radium 228	0.4			< 0.3			< 0.3			< 0.3			< 0.3			< 0.3		
Radium 228, ct.error (+/- pCi/L)	0.8			0.8			0.8			0.8			0.9			0.8		

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h = laboratory indicated questionable data

Table 2 -Site 1 - Groundwater Analytical Results for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	4th Qtr M-001B- 03/27/92			4th Qtr M-007C- 04/09/92			4th Qtr M-025C- 04/08/92			4th Qtr M-027B- 04/07/92			4th Qtr M-027C- 04/06/92			4th Qtr M-027C-DUP 04/06/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	60.5			88.4			98.2			93.3			67.2			92.9	J	ms
Alkalinity, total (mg/L-CaCO3)	400			158			401			465			440			450		
COD (mg/L)	634			330			141			345			581			306	J	rep,
Hardness (mg/L-CaCO3)	5900			5500			967			3200			4500			4700		ms
Residue, Dissolved (mg/L)	21700			19400			3970			13200			17400			18000		
Spec. cond., lab (umhos/cm)	31600			26100			6930			18900			25800			26200		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	24000			22000			6000			16400			21000			BK		
Water Temp (deg C)	18.9			17.5			17.7			18.9			14.8			BK		
pH, Field (Std units)	7.15			7			7.07			6.52			6.91			BK		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	17.9			11.4	UJ	a	15.7	UJ	a	4.1	UJ	a	2.4	UJ	a	7.9	UJ	a
ASBESTOS																		
Asbestos, Mass (ug/L)	0			0.0286			0.157			0			0.000312			0		
Asbestos, Total Structures (MAS/L)	0			14.6			1440			0			10.4			0		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	12.3			50			41.1			186			269			259		
Alpha, gross, ct.error (+/- pCi/L)	80.3			69.9			23.9			75.7			106			95.6		
Beta, gross	247			144			148			190			246			332		
Beta, gross, ct.error (+/- pCi/L)	172			101			34.5			75.9			107			103		
Radium 226	2.9			1.4	UJ	a	1.3	UJ	a	1.4	UJ	a	0.9			1.4		
Radium 226, ct.error (+/- pCi/L)	1.3			1.1			1			1.1			1			1		
Radium 228	< 0.3			2.1			0.6			1.7			1.6			3.9		
Radium 228, ct.error (+/- pCi/L)	1.9			0.5			0.5			0.5			0.4			0.9		
ANIONS																		
Chloride (mg/L)	10980			9233			1749			6563			14980			8965		
Cyanide (ug/L)	< 5.0	UJ	post	< 5.0			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	< 2.50			< 2.50			0.45	UJ	a	< 2.50			< 2.50			< 2.50		
Nitrogen, NO2+NO3 (mg/L-as N)	0.018			0.031			0.01			< 0.010			< 0.010			0.098		
Sulfate (mg/L)	1359			983.3			0.77			508.9			1013			1026		

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Table 2 - Site 1 - Groundwater Analytical Results - "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-001B- 01/14/92			3rd Qtr M-007C- 02/05/92			3rd Qtr M-007C-DUP 02/05/92			3rd Qtr M-025C- 02/03/92			3rd Qtr M-027B- 01/31/92			3rd Qtr M-027C- 01/31/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	54.9			82.1			92.6			71			85.2			68.7		
Alkalinity, total (mg/L-CaCO3)	434			576			500			1070			500			533		
COD (mg/L)	674.0			388.0	J	c	1024			141.0			290.0			545.0		
Hardness (mg/L-CaCO3)	7500			3880			3820			1000			3070			4490		
Total Dissolved Solids, TDS (mg/L)	18900			16500			16700			3940			11900			16600		
Spec. cond., lab (umhos/cm)	26600			26900			26600			7030			18300			25800		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	NA			20000			20000			5000			14000			18500		
Water Temp (deg C)	16.8			17.3			17.3			16.9			16.6			15.9		
pH, Field (Std units)	6.92			7.32			7.32			7.00			6.90			7.00		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	13.0			3.3			4.9			10.9			3.9	UJ	a	3.0	UJ	a
ASBESTOS																		
Asbestos, Mass (ug/L)	0.00261			0.0			0.0			0.0			0.0			0.0		
Asbestos, Total Structures (MAS/L)	37.3			0.0			0.0			0.0			0.0			0.0		
ANIONS																		
Chloride (mg/L)	10690			9388			9215			1797			6476			8833		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	< 10.00			< 2.50			< 2.50			0.31			< 2.50			< 2.50		
Nitrogen, NO2+NO3 (mg/L-as N)	0.014			0.018			0.017			< 0.010			0.029			0.014		
Sulfate (mg/L)	1322			968.3			951.5			< 0.500			499.3			970.1		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	90.1			< 0.1			39.5			0.5			< 0.1			< 0.1		
Alpha, gross, ct.error (+/- pCi/L)	93.1			75.1			94.7			2.0			60.5			89.7		
Beta, gross	137			67.9			9.6			< 0.3			< 0.3			74.5		
Beta, gross, ct.error (+/- pCi/L)	128			121			120			3.0			142			160		
Radium 226	3.3			1.3			1.5			1.4			0.3			0.6		
Radium 226, ct.error (+/- pCi/L)	0.6			0.6			0.9			0.7			0.4			0.4		
Radium 228	4.1			2.5			2.0	UJ	a	1.1			0.5			1.8		
Radium 228, ct.error (+/- pCi/L)	1.0			0.6			0.7			0.6			0.6			0.6		

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h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-027B-DUP 10/03/91			2nd Qtr M-027C- 10/03/91		
PARAMETER REPORTED						
	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB						
Acidity, total (mg/L-CaCO3)	90.6	J	c	66.9	J	c
Alkalinity, total (mg/L-CaCO3)	288			564		
COD (mg/L)	581.0	J	c	965		
Hardness (mg/L-CaCO3)	3600			4800		
Total Dissolved Solids, TDS (mg/L)	11700			15900		
Spec. cond., lab (umhos/cm)	17000			23100		
PHYSICAL PARAMETERS-FIELD						
Spec. cond., field @25 C (umhos/cm)	16000			22500		
Water Temp (deg C)	18.0			20.0		
pH, Field (Std units)	7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)						
Carbon, TOC	6.8	J	c	10		
ASBESTOS						
Asbestos, Mass (ug/L)	0.0			0.00255		
Asbestos, Total Structures (MAS/L)	0.0			69.5		
ANIONS						
Chloride (mg/L)	6202			8854		
Cyanide (ug/L)	< 2.5			< 2.5		
Fluoride (mg/L)	< 5.00			< 5.00		
Nitrogen, NO2+NO3 (mg/L-as N)	0.019			0.033		
Sulfate (mg/L)	497.1			1006		
RADIOCHEMICALS (pCi/L)						
Alpha, gross	< 0.3			< 0.3		
Alpha, gross, ct.error (+/- pCi/L)	31.1			57.0		
Beta, gross	< 0.5			110		
Beta, gross, ct.error (+/- pCi/L)	104			77.9		
Radium 226	4.3			1.8		
Radium 226, ct.error (+/- pCi/L)	1.8			0.8		
Radium 228	4.1			3.4		
Radium 228, ct.error (+/- pCi/L)	0.8			0.9		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-001B- 09/19/91			2nd Qtr M-001B-DUP 09/19/91			2nd Qtr M-007C- 09/23/91			2nd Qtr M-007C- 10/15/91			2nd Qtr M-025C- 10/02/91			2nd Qtr M-027B- 10/03/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	61.7	J	c	60.8	J	c	83.2	J	c	NA			59.7			88.2	J	c
Alkalinity, total (mg/L-CaCO3)	395			399			494			NA			1100			688		
COD (mg/L)	520			426.0			504.0			NA			153.0			512		
Hardness (mg/L-CaCO3)	6000			6200			8500			NA			1300			140		
Total Dissolved Solids, TDS (mg/L)	17900			19500			16500			NA			3980			11800		
Spec. cond., lab (umhos/cm)	28100			23900			25800			NA			6060			17200		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	26000			26000			19000			NA			6000			16000		
Water Temp (deg C)	19.0			19.0			20.0			NA			19.0			18.0		
pH, Field (Std units)	7.00			7.00			7.00			NA			7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	13.8			27.8			8.8			NA			55.6			8.8		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0			0.485			0.0831			NA			0.362			0.0		
Asbestos, Total Structures (MAS/L)	0.0			47.8			51.9			NA			629			0.0		
ANIONS																		
Chloride (mg/L)	10110			10510			8951			NA			1757			6668		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			NA			< 2.5			< 2.5		
Fluoride (mg/L)	< 5.00			< 5.00			< 5.00			NA			< 0.20			< 2.00		
Nitrogen, NO2+NO3 (mg/L-as N)	0.152			0.316			0.078			NA			0.017			0.034		
Sulfate (mg/L)	1319			1436			991.3			NA			1.137			530		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	< 0.1			< 0.1			< 0.3			NA			8.5			45.3		
Alpha, gross, ct.error (+/- pCi/L)	67.2			41.3			100.0			NA			9.6			40.7		
Beta, gross	< 0.3			< 0.3			42			NA			62			57		
Beta, gross, ct.error (+/- pCi/L)	104			121			102			NA			27.1			39.8		
Radium 226	2.3			2.4			3.5			NA			1.6			1.9		
Radium 226, ct.error (+/- pCi/L)	1.1			1.0			1.0			NA			1.0			0.8		
Radium 228	2.0			< 0.3			3.6			NA			2.8			2.8		
Radium 228, ct.error (+/- pCi/L)	1.0			1.7			0.8			NA			0.8			0.9		

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-001B- 06/18/91			1st Qtr M-007C- 07/02/91			1st Qtr M-025C- 06/28/91			1st Qtr M-027B- 06/26/91			1st Qtr M-027C- 06/26/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	51.8	J	c	83.1			54.5			96.3	J	c	77.2	J	c
Alkalinity, total (mg/L-CaCO3)	368			512			1100			592			496		
COD (mg/L)	733.0	J	c	581.0	J	c	165.0	J	c	447.0	J	c	599.0	J	c
Hardness (mg/L-CaCO3)	12500			5500			1350			3450			4800		
Total Dissolved Solids, TDS (mg/L)	19600			16100			3840			11400			16200		
Spec. cond., lab (umhos/cm)	28800			21800			6760			17800			22100		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	24000			23000			5000			16000			20000		
Water Temp (deg C)	16.8			19.0			16.6			16.0			16.0		
pH, Field (Std units)	7.10			7.00			6.83			7.04			6.99		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	3.8			13			16.9			< 5.0			< 5.0		
ASBESTOS															
Asbestos, Mass (ug/L)	0.00369			0.0			0.0166			0.0			0.0		
Asbestos, Total Structures (MAS/L)	4.61			0.0			135			0.0			0.0		
ANIONS															
Chloride (mg/L)	10240			9529			1772			6475			9018		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	< 5.00			< 5.00			< 0.40			< 5.00			< 5.00		
Nitrogen, NO2+NO3 (mg/L-as N)	0.168			0.013	UJ	a	< 0.010			< 0.010			< 0.010		
Sulfate (mg/L)	1317			987.7			2.224			474.2			993.2		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	< 0.1			117			52.0			70.6			41.7		
Alpha, gross, ct.error (+/- pCi/L)	115			91.6			25.5			71.3			98.3		
Beta, gross	110			< 0.3			< 0.3			< 0.3			< 0.3		
Beta, gross, ct.error (+/- pCi/L)	82.3			127			38.4			75.5			113		
Radium 226	0.9			2.6	UJ	c	1.7			1.9			1.0		
Radium 226, ct.error (+/- pCi/L)	0.7			1			0.7			0.9			0.8		
Radium 228	0.6			0.6			< 0.3			0.7			1.5		
Radium 228, ct.error (+/- pCi/L)	0.9			0.8			0.7			0.7			0.7		

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c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Re[illegible] for "A" and "E" Wells- General Chemicals

Sample Number	4th Qtr M-028A-DUP			4th Qtr M-028A-DUP			4th Qtr M-028E-			4th Qtr M-029A-			4th Qtr M-029E-		
Date Sampled	04/27/92			04/27/92			04/27/92			03/27/92			03/27/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	54.2	J	ms	NA			21.1			9.5			6.5		
Alkalinity, total (mg/L-CaCO3)	103			NA			371			482			433		
COD (mg/L)	63			NA			53			130			< 50.0		
Hardness (mg/L-CaCO3)	410			NA			362			290			190		
Residue, Dissolved (mg/L)	850			NA			924			880			867		
Spec. cond., lab (umhos/cm)	1310			NA			1490			1520			1680		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	BK			NA			1500			1180			1300		
Water Temp (deg C)	BK			NA			19			17			17.7		
pH, Field (Std units)	BK			NA			6.42			8.1			8.44		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	33.4	J	ms	NA			26.4			33.6			34		
ASBESTOS															
Asbestos, Mass (ug/L)	0.00126			NA			0			0.000347			0		
Asbestos, Total Structures (MAS/L)	8.15			NA			0			6.5			0		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	26.5			NA			2.4			6.4			0.8		
Alpha, gross, ct.error (+/- pCi/L)	8.3			NA			6.3			6.2			0.4		
Beta, gross	54.6			NA			28.1			26.2			36.3		
Beta, gross, ct.error (+/- pCi/L)	13.2			NA			13.1			11.5			12.4		
Radium 226	2.2			NA			1			2.2			1.5		
Radium 226, ct.error (+/- pCi/L)	1.4			NA			0.7			1.2			1		
Radium 228	2.6			NA			1.9			< 0.3			< 0.3		
Radium 228, ct.error (+/- pCi/L)	1.5			NA			0.8			2			2		
ANIONS															
Chloride (mg/L)	152.9			NA			217.8			187.3			284.6		
Cyanide (ug/L)	< 5.0			NA			7.5			< 5.0	UJ	post	< 5.0	UJ	post
Fluoride (mg/L)	0.21	UJ	a	NA			0.63			< 0.40			< 0.40		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			NA			0.056	J	ms	< 0.010			0.031		
Sulfate (mg/L)	91.49			NA			59.43			45.66			18.33		

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c = matrix spike
d = holding time
e = LCS
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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells- General Chemicals

Sample Number Date Sampled	4th Qtr M-026A- 03/26/92			4th Qtr M-026E- 03/26/92			4th Qtr M-027A- 03/26/92			4th Qtr M-027E- 03/26/92			4th Qtr M-028A- 04/27/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	12.2			15.5			39.2			24.7			27.7		
Alkalinity, total (mg/L-CaCO3)	424			500			455			391			271		
COD (mg/L)	141			97			85			264			< 50.0		
Hardness (mg/L-CaCO3)	272			568			780			920			420		
Residue, Dissolved (mg/L)	1250			3910			1620			6630			847		
Spec. cond., lab (umhos/cm)	2100			6920			2500			11400			1360		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	1300			3800			1900			4900			1100		
Water Temp (deg C)	16.6			18			17.4			18.8			19.2		
pH, Field (Std units)	7.35			7.6			7.15			7.6			6.32		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	13.8			12.3			17.4			63.2			25.1		
ASBESTOS															
Asbestos, Mass (ug/L)	0.000009			0.00412			0			0.0312			0		
Asbestos, Total Structures (MAS/L)	0.359			34.8			0			351			0		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	0.7			11.5			13.5			< 0.1			4.3		
Alpha, gross, ct.error (+/- pCi/L)	5.6			19.5			12.5			31.4			5.5		
Beta, gross	37.8			74.8			64.5			106			38.2		
Beta, gross, ct.error (+/- pCi/L)	10.3			33.7			22.6			73.5			12.6		
Radium 226	0.5	UJ	a	1.5			2.7			1.6			3.2		
Radium 226, ct.error (+/- pCi/L)	0.6			1.1			1.3			1			1		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			1.2		
Radium 228, ct.error (+/- pCi/L)	1.9			2			2			2.1			0.8		
ANIONS															
Chloride (mg/L)	384.2			1900			330.6			3397			160.1		
Cyanide (ug/L)	< 5.0	UJ	post	8.9	J	post	6.6	J	post	< 5.0	UJ	post	< 5.0		
Fluoride (mg/L)	0.82			< 1.00			0.41			1.12			< 0.40		
Nitrogen, NO2+NO3 (mg/L-as N)	0.036			0.015			1420			0.049			0.011		
Sulfate (mg/L)	94.2			150.8			329.6			142.7			81.95		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Re[illegible]or "A" and "E" Wells- General Chemicals

Sample Number Date Sampled	4th Qtr M-008A- 04/22/92			4th Qtr M-009A- 04/23/92			4th Qtr M-025A- 03/31/92			4th Qtr M-025A-DUP 03/31/92			4th Qtr M-025E- 03/31/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	6.1			19.1			12.9			9	J	ms	19.6		
Alkalinity, total (mg/L-CaCO3)	113			352			446			429			253		
COD (mg/L)	< 50.0			< 50.0			303			277			63		
Hardness (mg/L-CaCO3)	28			208			290			275			375		
Residue, Dissolved (mg/L)	240			2190			3240			2930			3340		
Spec. cond., lab (umhos/cm)	296			3540			5470			5340			5720		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	250			3500			10000			BK			1000		
Water Temp (deg C)	16.5			16.6			17.4			BK			19.3		
pH, Field (Std units)	7.1			6.9			7.5			BK			7.38		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	7.4	UJ	a	22.3			17.7			27.5			27.8		
ASBESTOS															
Asbestos, Mass (ug/L)	0.000223			0			0.000595			0.00388			0.00156		
Asbestos, Total Structures (MAS/L)	6.65			0			14.9			131			32.5		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	3.3			5.3			67.3			50.5			51.4		
Alpha, gross, ct.error (+/- pCi/L)	1.5			23			28.7			16.3			16.2		
Beta, gross	12.7			24.2			120			141			74		
Beta, gross, ct.error (+/- pCi/L)	2.5			35.7			52.7			21.3			20.8		
Radium 226	0.7			0.4			2.2	UJ	a	0.6	UJ	a	0.3	UJ	a
Radium 226, ct.error (+/- pCi/L)	0.5			0.7			0.9			1			0.5		
Radium 228	0.8			< 0.3			4			2.7	UJ	a	1.7	UJ	a
Radium 228, ct.error (+/- pCi/L)	0.7			0.6			1			0.9			0.7		
ANIONS															
Chloride (mg/L)	25.28			845.2			1484			1431			1562		
Cyanide (ug/L)	< 5.0			< 5.0			27			28.7			< 5.0		
Fluoride (mg/L)	0.27	UJ	a	0.64			0.64			0.42			1.96		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			< 0.010			0.028			0.031	J	ms	0.036		
Sulfate (mg/L)	16.71			85.12			148.6			103.9			105.5		

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells- General Chemicals

Sample Number	4th Qtr M-003A-DUP			4th Qtr M-004A-			4th Qtr M-005A-			4th Qtr M-006A-			4th Qtr M-007A-		
Date Sampled	04/13/92			04/13/92			04/09/92			04/09/92			04/10/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	42.6			27.9			15.2			43.4			12.2		
Alkalinity, total (mg/L-CaCO3)	401			450			486			306			182		
COD (mg/L)	< 50.0			53			< 50.0			< 50.0			< 50.0		
Hardness (mg/L-CaCO3)	620			580			216			26			80		
Residue, Dissolved (mg/L)	1790			1840			963			616			353		
Spec. cond., lab (umhos/cm)	2780			2750			1490			874			499		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	BK			2200			1000			700			400		
Water Temp (deg C)	BK			18.8			17			16.8			16.1		
pH, Field (Std units)	BK			7.2			7.33			6.85			7.5		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	13.7	J	ms	23.3			35.6			22.1			18	UJ	a
ASBESTOS															
Asbestos, Mass (ug/L)	0			0.000553			0.000476			0			0		
Asbestos, Total Structures (MAS/L)	0			0.314			8.6			0			0		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	11.2			1.3	UJ	a	13.7			11.2			4.9	UJ	a
Alpha, gross, ct.error (+/- pCi/L)	8.8			9.2			6.1			5.3			2.2		
Beta, gross	36.8			26.7			36.7			33.1			10		
Beta, gross, ct.error (+/- pCi/L)	18.9			19.8			8.4			10.1			3.6		
Radium 226	1			1	UJ	a	< 0.1			0.1	UJ	a	< 0.1		
Radium 226, ct.error (+/- pCi/L)	1.1			1			0.6			0.6			1.3		
Radium 228	0.8	UJ	a	0.7			0.5			1.5			1.8		
Radium 228, ct.error (+/- pCi/L)	1			0.4			0.4			0.5			0.7		
ANIONS															
Chloride (mg/L)	624.8			619.4			162.9			30.98			47.67		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	0.57			0.73			0.78			0.49			0.22	UJ	a
Nitrogen, NO2+NO3 (mg/L-as N)	0.014	UJ	a	0.08			0.043			0.362			0.013		
Sulfate (mg/L)	158.8			157.4			81.2			80			17.83		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
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h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results - "A" and "E" Wells- General Chemicals

Sample Number Date Sampled	4th Qtr M-001A- 03/26/92			4th Qtr M-001E- 03/27/92			4th Qtr M-002A- 03/30/92			4th Qtr M-002E- 03/30/92			4th Qtr M-003A- 04/10/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	< 1.0			< 1.0			40.6			49.1			38.5		
Alkalinity, total (mg/L-CaCO3)	373			476			337			163			308		
COD (mg/L)	< 50.0			97			141			177			< 50.0		
Hardness (mg/L-CaCO3)	224			40			1010			2150			380		
Residue, Dissolved (mg/L)	672			1970			3180			10000			541		
Spec. cond., lab (umhos/cm)	1160			3560			5110			15000			790		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	800			2500			3900			13000			600		
Water Temp (deg C)	17			17.8			15.3			16			17.9		
pH, Field (Std units)	7.75			7.3			7.04			7			6.95		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	17.6			34.3			16.3			12.2			3.6		
ASBESTOS															
Asbestos, Mass (ug/L)	0.000376			0.00616			0.00289			0.000759			0		
Asbestos, Total Structures (MAS/L)	7.16			74.7			66.6			21.7			0		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	1.5			2.6			27.2			15.7			4.6		
Alpha, gross, ct.error (+/- pCi/L)	4			11.3			25			55.2			5.1		
Beta, gross	21.1			31.9			59.7			133			13.4		
Beta, gross, ct.error (+/- pCi/L)	8.2			20.5			44			76.2			6.9		
Radium 226	0.9			0.5	UJ	a	3.4	UJ	a	3.1	UJ	a	0.3		
Radium 226, ct.error (+/- pCi/L)	0.8			0.8			1.1			1			0.5		
Radium 228	< 0.3			< 0.3			2	UJ	a	1.7	UJ	a	1.4	UJ	a
Radium 228, ct.error (+/- pCi/L)	1.9			1.8			0.7			0.9			0.6		
ANIONS															
Chloride (mg/L)	161.3			866.1			1408			4909			38.77		
Cyanide (ug/L)	< 5.0	UJ	post	12.8	J	post	< 5.0	UJ	post	< 5.0	UJ	post	< 5.0		
Fluoride (mg/L)	0.2	UJ	a	0.49			0.32			< 1.00			0.15	UJ	a
Nitrogen, NO2+NO3 (mg/L-as N)	0.02			0.015			0.274			0.161			3.98		
Sulfate (mg/L)	23.07			2.779			207.6			720.2			60.51		

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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-027E- 01/31/92			3rd Qtr M-028A- 02/04/92			3rd Qtr M-028E- 02/04/92			3rd Qtr M-029A- 02/04/92			3rd Qtr M-029E- 02/04/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	52			21.8			25.6			5.6			< 1.0		
Alkalinity, total (mg/L-CaCO3)	415			435			473			500			468		
COD (mg/L)	201.0			74.0			97.0			108.0			108.0		
Hardness (mg/L-CaCO3)	1080			344			516			226			190		
Total Dissolved Solids, TDS (mg/L)	7480			665			2210			878			1070		
Spec. cond., lab (umhos/cm)	12600			1230			4100			1740			2070		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	11000			10000			1700			1200			1500		
Water Temp (deg C)	17.8			16.3			15.3			14.8			16.1		
pH, Field (Std units)	7.17			6.94			7.00			7.35			7.54		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	13.4			22.5			18.3			12			6.7		
ASBESTOS															
Asbestos, Mass (ug/L)	0.0			0.0			0.00345			0.00723			0.00185		
Asbestos, Total Structures (MAS/L)	0.0			0.0			49.3			71.6			9.24		
ANIONS															
Chloride (mg/L)	3793			125.5			1040			228.3			387		
Cyanide (ug/L)	5.2			< 5.0			< 5.0			5.1	UJ	c	5.4	UJ	c
Fluoride (mg/L)	1.21			< 0.40			0.64			0.19	UJ	a	0.21	UJ	a
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			< 0.050			< 0.010			0.029			< 0.010		
Sulfate (mg/L)	122.7			31.6			91.81			15.71			5.012		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	9.4			6.0			4.1			9.8			1.0		
Alpha, gross, ct.error (+/- pCi/L)	31.8			5.2			11.7			7.9			7.7		
Beta, gross	35.8			30.3			36.3			33.3			31.4		
Beta, gross, ct.error (+/- pCi/L)	51.6			10.9			19.7			13.3			12.4		
Radium 226	0.7			1.9			0.8			1.4			1.5		
Radium 226, ct.error (+/- pCi/L)	0.5			0.8			0.5			0.6			0.6		
Radium 228	< 0.3			< 0.3			< 0.3			0.9			< 0.3		
Radium 228, ct.error (+/- pCi/L)	0.5			0.5			0.6			0.6			0.5		

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Table 2 - Site 1 - Groundwater Analytical Results - "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-025A- 01/23/92			3rd Qtr M-025E- 01/23/92			3rd Qtr M-026A- 01/23/92			3rd Qtr M-026E- 01/23/92			3rd Qtr M-026E-DUP 01/23/92			3rd Qtr M-027A- 01/31/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	20.1			19.1			16.9			37.3			18			20.3		
Alkalinity, total (mg/L-CaCO3)	362			149			370			68			380			489		
COD (mg/L)	165.0			388.0			226.0			97.0			< 100.0			63.0		
Hardness (mg/L-CaCO3)	1710			419			1200			1800			1640			454		
Total Dissolved Solids, TDS (mg/L)	9850			3560			4010			8760			8030			1420		
Spec. cond., lab (umhos/cm)	42400			36500			21400			82900			105000			2360		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	12500			4100			5000			8000			8000			1750		
Water Temp (deg C)	15.2			16.7			13.2			13.9			13.9			15.8		
pH, Field (Std units)	7.77			7.48			7.46			7.41			7.41			7.32		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	< 1.0			11.5			11.8			11			9.3			11.4		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0			0.0			0.00120			0.00343			0.000109			0.0		
Asbestos, Total Structures (MAS/L)	0.0			0.0			6.55			18.8			1.27			0.0		
ANIONS																		
Chloride (mg/L)	5209			1662			1941			4684			4178			400.5		
Cyanide (ug/L)	16.4			< 5.0			< 5.0			12.0			12			< 5.0		
Fluoride (mg/L)	< 2.50			3.11			0.78			< 1.00			< 2.50			0.71		
Nitrogen, NO2+NO3 (mg/L-as N)	0.025			0.018			0.050			0.015	J	c	0.017			< 0.010		
Sulfate (mg/L)	539.9			112.3			296.5			493.1			478.1			171.2		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	52.6			27.8			19.3	UJ	c	7.3	UJ	c	79.9			24.2		
Alpha, gross, ct.error (+/- pCi/L)	80.6			43.3			37.8			62.0			70.0			17.6		
Beta, gross	39.8			45.9			16.4			20.7			147			27.9		
Beta, gross, ct.error (+/- pCi/L)	70.0			45.9			56.1			83.8			61.4			23.7		
Radium 226	0.8			0.7			0.2			1.8			0.9			0.8		
Radium 226, ct.error (+/- pCi/L)	0.5			0.5			0.3			0.8			0.9			0.5		
Radium 228	1.2			< 0.3			< 0.3			1.4			0.6			0.4		
Radium 228, ct.error (+/- pCi/L)	0.6			0.6			0.7			0.7			1.2			0.5		

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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-005A- 01/15/92			3rd Qtr M-006A- 01/15/92			3rd Qtr M-007A- 01/15/92			3rd Qtr M-007A-DUP 01/15/92			3rd Qtr M-008A- 01/15/92			3rd Qtr M-009A- 02/07/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	23.5			6			7			< 1.0			2.0	UJ	a	7		
Alkalinity, total (mg/L-CaCO3)	164			432			147			107			1050			267		
COD (mg/L)	188.0			53.0			< 50.0			< 50.0			< 50.0			85.0		
Hardness (mg/L-CaCO3)	320			160			84.0			100.0			26.0			69.6		
Total Dissolved Solids, TDS (mg/L)	1120			664			356			411			1690			684		
Spec. cond., lab (umhos/cm)	1540			921			399			630			6230			958		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	1230			525			430			430			231			700		
Water Temp (deg C)	16.0			15.4			15.0			15.0			15.7			14.2		
pH, Field (Std units)	7.42			7.37			7.23			7.23			7.96			7.80		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	36.5			25.4			13.9			17.3			5.6	UJ	a	23.1		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.256			0.0487			0.0			0.00145			0.0			0.00181		
Asbestos, Total Structures (MAS/L)	1120			481			0.0			19.5			0.0			8.02		
ANIONS																		
Chloride (mg/L)	171.1			39.94			51.87			72.05			14.51			104.6		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	0.74			0.82			< 0.20			0.28	UJ	a	< 0.20			0.33		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			0.118			< 0.010			< 0.010			< 0.010			0.509		
Sulfate (mg/L)	111.5			80.32			21.17			33.68			11.66			54.18		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	14.6			16.1			1.4			< 0.1			17.6			4.6		
Alpha, gross, ct.error (+/- pCi/L)	12.3			8.2			3.1			3.0			7.6			4.8		
Beta, gross	71.6			31.6			31.2			28.6			18.1			16.9		
Beta, gross, ct.error (+/- pCi/L)	13.4			12.6			9.2			9.2			7.2			7.4		
Radium 226	3.3			2.3			0.2	UJ	a	0.3	UJ	a	1.7			0.5		
Radium 226, ct.error (+/- pCi/L)	0.6			0.5			0.3			0.6			0.4			0.4		
Radium 228	5.1			0.8			2.1	J	c	< 0.3			2			< 0.3		
Radium 228, ct.error (+/- pCi/L)	1.2			1.0			0.9			2.1			0.9			0.5		

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d = holding time h = laboratory indicated questionable data

Sample Number Date Sampled	3rd Qtr M-001A- 01/14/92			3rd Qtr M-001E- 01/14/92			3rd Qtr M-002A- 01/14/92			3rd Qtr M-002E- 01/14/92			3rd Qtr M-003A- 01/15/92			3rd Qtr M-004A- 01/15/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	13.1			< 1.0			9.9			48.4			4.3			17.9		
Alkalinity, total (mg/L-CaCO3)	500			500			293			336			327			647		
COD (mg/L)	53.0			528.0			< 50.0			290.0			< 50.0			< 50.0		
Hardness (mg/L-CaCO3)	300			96.0			676			3000			360			588		
Total Dissolved Solids, TDS (mg/L)	841			1570			1970			8910			609			2260		
Spec. cond., lab (umhos/cm)	1390			2780			3220			15200			904			3500		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	NA			NA			NA			NA			500			2800		
Water Temp (deg C)	16.5			17.6			12.2			15.0			14.9			16.2		
pH, Field (Std units)	7.49			8.78			7.28			6.90			7.34			7.47		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	34.1			62.8			18.3			18.6			8.3			31.2		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0136			2.14			0.0584			0.140			0.00290			0.00858		
Asbestos, Total Structures (MAS/L)	269			2290			760			267			75.2			143		
ANIONS																		
Chloride (mg/L)	227.2			643.3			893.1			5043			107.4			826.4		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	0.22	UJ	a	0.39			< 2.00			< 200			0.31	UJ	a	1.43		
Nitrogen, NO2+NO3 (mg/L-as N)	0.012			< 0.010			0.536			0.298			0.422			< 0.010		
Sulfate (mg/L)	38.84			3.047			125.2			1042			39.92			153.4		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	< 0.1			29.0			< 0.1			27.3			12.5			19.7		
Alpha, gross, ct.error (+/- pCi/L)	7.5			24.1			13.4			64.2			6.9			13.6		
Beta, gross	44.2			92			17.5			291			27.5			28.6		
Beta, gross, ct.error (+/- pCi/L)	13.3			29.3			27.4			119			7.5			22.9		
Radium 226	1.8			5			1.1			5.4			0.8	UJ	a	0.9	UJ	a
Radium 226, ct.error (+/- pCi/L)	0.5			0.7			0.4			0.7			0.3			0.4		
Radium 228	2.3			3.4			0.8			6.6			2.5			5.2		
Radium 228, ct.error (+/- pCi/L)	1.1			1.1			1.0			1.1			1.1			1.1		

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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-028A- 10/11/91			2nd Qtr M-028E- 10/11/91			2nd Qtr M-029A- 10/10/91			2nd Qtr M-029E- 10/10/91			2nd Qtr M-029E-DUP 10/10/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	105			17.7			8.8	UJ	a	6.3	UJ	a	1.6	UJ	a
Alkalinity, total (mg/L-CaCO3)	386			424			438			478			432		
COD (mg/L)	239			97			74			108.0			119.0	J	c
Hardness (mg/L-CaCO3)	900			900			700			800			288		
Total Dissolved Solids, TDS (mg/L)	1060			1190			772			2030			1500		
Spec. cond., lab (umhos/cm)	1540			1810			1280			3320			2530		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	1500			1900			1300			2000			2000		
Water Temp (deg C)	19.0			19.0			19.0			20.0			20.0		
pH, Field (Std units)	7.00			7.00			7.00			7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	2.9			10.2			3.7			2.5			12.1		
ASBESTOS															
Asbestos, Mass (ug/L)	0.0			0.000613			0.0			0.00663			0.00610		
Asbestos, Total Structures (MAS/L)	0.0			20.4			0.0			50.4			135		
ANIONS															
Chloride (mg/L)	293.2			383.9			179			917.4			575.6		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	< 0.80			0.98			< 0.80			0.97			< 0.80		
Nitrogen, NO2+NO3 (mg/L-as N)	0.022			0.02			0.024			0.027			0.024		
Sulfate (mg/L)	5.67			24.22			3.789			28.95			12.59		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	1.1			80.7			< 0.3			16.6			13.5		
Alpha, gross, ct.error (+/- pCi/L)	9.6			33.7			4.5			32.6			10.0		
Beta, gross	56			8.2			26			44			19		
Beta, gross, ct.error (+/- pCi/L)	13.2			25.5			9.0			27.9			14.3		
Radium 226	3.2			4.7			2.2			4.4			12		
Radium 226, ct.error (+/- pCi/L)	1.1			1.1			0.7			1.1			2.9		
Radium 228	2.7	UJ	a	2.0	UJ	a	1.1	UJ	a	1.9	UJ	a	4.5	UJ	a
Radium 228, ct.error (+/- pCi/L)	0.6			0.5			0.5			0.6			1.2		

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c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Re[illegible] for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-025A- 10/02/91			2nd Qtr M-025E- 10/02/91			2nd Qtr M-026A- 10/02/91			2nd Qtr M-026E- 10/02/91			2nd Qtr M-027A- 10/03/91			2nd Qtr M-027E- 10/03/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	25.1	J	c	19.4	J	c	21.1	J	c	15.6	J	c	17.9	J	c	62.6	J	c
Alkalinity, total (mg/L-CaCO3)	396			1530			240			352			544			548		
COD (mg/L)	1108			212.0			1916			264.0			< 50.0			153.0		
Hardness (mg/L-CaCO3)	2200			1000			4800			1400			312			1900		
Total Dissolved Solids, TDS (mg/L)	10300			4430			19700			5830			1280			8360		
Spec. cond., lab (umhos/cm)	15000			6960			26800			9010			2110			13100		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	23000			5050			30000			9000			2300			9000		
Water Temp (deg C)	19.0			21.0			21.0			19.0			19.0			20.0		
pH, Field (Std units)	7.00			7.00			7.00			7.00			6.50			7.00		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	92.3			8.5			14.7			9			6.6			3.2		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0			0.0950			0.0234			0.0			0.0			0.0		
Asbestos, Total Structures (MAS/L)	0.0			23.7			9.34			0.0			0.0			0.0		
ANIONS																		
Chloride (mg/L)	5386			2224			10760			2926			405.6			4471		
Cyanide (ug/L)	14.4			< 2.5			< 2.5			10.5			< 2.5			6.0		
Fluoride (mg/L)	< 5.00			3.12			< 5.00			< 2.00			0.94			< 2.00		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			< 0.050			0.132			0.022			0.023			< 0.010		
Sulfate (mg/L)	602.4			143			1555			389.1			63.47			154.6		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	11.7			59.7			142			16.5			4.2			53.8		
Alpha, gross, ct.error (+/- pCi/L)	32.4			50.4			174			41.8			18.5			53.7		
Beta, gross	100			53			300			120			43			87		
Beta, gross, ct.error (+/- pCi/L)	49.1			48.0			178			53.3			15.4			45.8		
Radium 226	1.6			1.3			2.2			1.4			2.7			2.1		
Radium 226, ct.error (+/- pCi/L)	1.0			1.0			1.1			0.6			1.0			0.8		
Radium 228	2.1	UJ	a	2.7			2.1	UJ	a	2.8			2.6			3.7		
Radium 228, ct.error (+/- pCi/L)	0.7			0.7			0.7			0.7			0.8			0.8		

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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-005A- 09/20/91			2nd Qtr M-006A- 09/23/91			2nd Qtr M-006A-DUP 09/23/91			2nd Qtr M-007A- 09/23/91			2nd Qtr M-008A- 09/23/91			2nd Qtr M-009A- 10/04/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	16.2	J	c	18.4	J	c	16.9	J	c	3.5	UJ	a	< 1.0	UJ	c	14.3	J	c
Alkalinity, total (mg/L-CaCO3)	317			363			392			179			96.0			700		
COD (mg/L)	331.0			53.0			< 50.0			53.0			97.0			74		
Hardness (mg/L-CaCO3)	248			160			176			60.0			20.0			180		
Total Dissolved Solids, TDS (mg/L)	1030			613			665			517			452			2860		
Spec. cond., lab (umhos/cm)	1630			918			1020			567			345			4970		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	1400			800			800			500			250			3300		
Water Temp (deg C)	20.0			20.0			20.0			21.0			21.0			19.0		
pH, Field (Std units)	7.00			7.00			7.00			7.00			7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	53.2			14.8			15.5			12.5			7.1			16.6		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.00174			0.0125			0.000382			0.00706			0.0			0.0317		
Asbestos, Total Structures (MAS/L)	49.6			46.3			10.0			95.0			0.0			120		
ANIONS																		
Chloride (mg/L)	167.4			25.12			37.64			45.62			26.91			1200		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0			< 2.5		
Fluoride (mg/L)	1.01			0.52	UJ	a	1.01			0.39	UJ	c	0.46	UJ	c	1.87		
Nitrogen, NO2+NO3 (mg/L-as N)	0.129			0.050			0.032			0.013			0.017			0.060		
Sulfate (mg/L)	34.26			63.39			72.03			23.8			15.51			90.23		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	4.8			< 0.1			< 0.1			6.4			50.8			7.5		
Alpha, gross, ct.error (+/- pCi/L)	14.8			3.0			3.4			4.8			31.5			14.7		
Beta, gross	32			4.1			2.7			< 0.5			< 0.5			9.8		
Beta, gross, ct.error (+/- pCi/L)	26.9			6.6			7.7			4.6			24.0			25.0		
Radium 226	5			2.6			3.5			4.6			3			1.4		
Radium 226, ct.error (+/- pCi/L)	1.4			1.0			2.0			1.0			0.9			0.7		
Radium 228	1.1			< 0.3			3.2			2.3			2.2			1.6		
Radium 228, ct.error (+/- pCi/L)	0.9			0.8			0.8			0.7			0.7			0.6		

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Table 2 - Site 1 - Groundwater Analytical Re[illegible]or "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-001A- 09/19/91			2nd Qtr M-001E- 09/19/91			2nd Qtr M-002A- 09/20/91			2nd Qtr M-002E- 09/20/91			2nd Qtr M-003A- 09/20/91			2nd Qtr M-004A- 09/20/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	13.8	J	c	< 1.0	UJ	c	26.9	J	c	32.4	J	c	29.2	J	c	20.7	J	c
Alkalinity, total (mg/L-CaCO3)	359			375			365			273			282			595		
COD (mg/L)	141.0			317.0			153.0			528.0			< 50.0			130.0		
Hardness (mg/L-CaCO3)	330			24.0			2200			4300			428			420		
Total Dissolved Solids, TDS (mg/L)	1530			1390			5330			16300			616			2370		
Spec. cond., lab (umhos/cm)	2840			2640			8710			24700			883			4170		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	2400			30000			7000			1900			700			3200		
Water Temp (deg C)	20.0			20.0			20.0			20.0			20.0			20.0		
pH, Field (Std units)	7.00			7.00			7.00			7.00			7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	35.6			44.1			16.2			23.0			15.1			55.8		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0433			0.00163			0.00510			0.0618			0.0			0.00960		
Asbestos, Total Structures (MAS/L)	200			32.6			41.2			328			0.0			40.3		
ANIONS																		
Chloride (mg/L)	688			555.9			2564			8719			64.35			936.2		
Cyanide (ug/L)	< 10.0			12			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	< 0.80			< 0.20			< 1.00			< 5.00			0.35			1.56		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			0.015			0.036			0.329			13.6			0.130		
Sulfate (mg/L)	12.17			3.566			451.1			1274			61.97			93.12		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	< 0.1			< 0.1			< 0.1			< 0.1			3.9			8.7		
Alpha, gross, ct.error (+/- pCi/L)	8.3			13.7			20.2			30.3			3.8			10.4		
Beta, gross	23			18			35			100			0.4			< 0.3		
Beta, gross, ct.error (+/- pCi/L)	18.1			23.5			50.5			126			6.6			25.9		
Radium 226	8.5			3.3			4.1			4.4			3.8			7		
Radium 226, ct.error (+/- pCi/L)	1.8			1.2			1.2			1.3			1.3			1.5		
Radium 228	< 0.3			< 0.3			< 0.3			2.0			0.7			< 0.3		
Radium 228, ct.error (+/- pCi/L)	0.8			0.8			0.9			1.0			0.7			0.8		

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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-028A- 06/24/91			1st Qtr M-028A-DUP 06/24/91			1st Qtr M-028E- 06/25/91			1st Qtr M-029A- 06/20/91			1st Qtr M-029E- 06/21/91
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results
PHYSICAL PARAMETERS-LAB													
Acidity, total (mg/L-CaCO3)	75.7	J	c	54.8	J	c	26.7	J	c	10.3	J	c	< 1.0
Alkalinity, total (mg/L-CaCO3)	372			356			404			512			444
COD (mg/L)	165.0	J	c	153.0	J	c	165.0	J	c	188.0	J	c	97.0
Hardness (mg/L-CaCO3)	720			552			640			300			250
Total Dissolved Solids, TDS (mg/L)	1000			941			1250			838			1230
Spec. cond., lab (umhos/cm)	1890			205			2340			13400			2210
PHYSICAL PARAMETERS-FIELD													
Spec. cond., field @25 C (umhos/cm)	1400			1400			1500			1200			1700
Water Temp (deg C)	16.3			16.3			16.4			15.5			15.7
pH, Field (Std units)	6.81			6.81			7.10			8.08			8.24
TOTAL ORGANIC CARBON (mg/L)													
Carbon, TOC	45.4	J	c	33.0	J	c	26.4	J	c	30.1	J	c	16.5
ASBESTOS													
Asbestos, Mass (ug/L)	0.000189			0.0			0.0			0.0			0.0234
Asbestos, Total Structures (MAS/L)	9.45			0.0			0.0			0.0			65.5
ANIONS													
Chloride (mg/L)	320.9			275.7			465.1			214.5			466.1
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0
Fluoride (mg/L)	1.54			0.43	UJ	a	0.91			< 0.40			0.51
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.250			< 0.010			< 0.010			< 0.100			< 0.100
Sulfate (mg/L)	22.99			28.9			28.88			4.717			5.865
RADIOCHEMICALS (pCi/L)													
Alpha, gross	3.0			< 0.1			17.2			6.6			< 0.1
Alpha, gross, ct.error (+/- pCi/L)	7.5			7.0			20.6			8.6			10.8
Beta, gross	30			42			0.6			< 0.3			30
Beta, gross, ct.error (+/- pCi/L)	16.1			11.0			15.8			10.7			17.5
Radium 226	5.0			3.9			2.4			2.1			1.7
Radium 226, ct.error (+/- pCi/L)	1.3			1.6			0.9			0.8			0.7
Radium 228	0.5			< 0.3			< 0.3			< 0.3			< 0.3
Radium 228, ct.error (+/- pCi/L)	0.9			1.5			0.7			0.8			0.9

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f = replicate
g = post-dige
h = laborator

Table 2 - Site 1 - Groundwater Analytical Res[illegible]or "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-025A- 06/28/91			1st Qtr M-025E- 06/28/91			1st Qtr M-026A- 06/27/91			1st Qtr M-026E- 06/27/91			1st Qtr M-027A- 06/25/91			1st Qtr M-027E- 06/26/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	25.3			7.4			15.8			21.5			14.4	J	c	74.5	J	c
Alkalinity, total (mg/L-CaCO3)	312			448			224			608			372			1010		
COD (mg/L)	504.0	J	c	108.0	J	c	1198	J	c	306.0	J	c	63.0	J	c	345.0	J	c
Hardness (mg/L-CaCO3)	2500			400			6000			800			540			920		
Total Dissolved Solids, TDS (mg/L)	9780			2890			23800			5420			1580			8610		
Spec. cond., lab (umhos/cm)	15200			5080			39700			5370			3440			791		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	14000			5000			37000			4900			1950			680		
Water Temp (deg C)	18.1			17.1			16.6			15.8			16.2			16.6		
pH, Field (Std units)	7.37			7.31			7.70			7.66			7.21			7.08		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	17.6			8.7			6.7			11.5			9.2			30.5	J	c
ASBESTOS																		
Asbestos, Mass (ug/L)	0.325			0.0102			0.00230			0.00447			0.000076			0.000541		
Asbestos, Total Structures (MAS/L)	251			120			7.06			24.5			0.945			18.0		
ANIONS																		
Chloride (mg/L)	5305			1341			12900			2730			555.1			1300		
Cyanide (ug/L)	21.7			< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	< 5.00			2.82			< 5.00			2.39			1.01			< 0.20		
Nitrogen, NO2+NO3 (mg/L-as N)	< 1.00			< 0.100			0.128			< 0.010			< 0.010			< 0.010		
Sulfate (mg/L)	567.7			98.8			1827			202.7			133			171.9		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	64.5			49.8			< 0.1			3.4			1.5			11.9		
Alpha, gross, ct.error (+/- pCi/L)	78.7			30.7			240			23.9			7.7			61.9		
Beta, gross	76			< 0.3			32			22			< 0.3			29		
Beta, gross, ct.error (+/- pCi/L)	74.7			41.0			161			42.1			12.2			76.6		
Radium 226	2.9			2.2			0.5			3.7			0.7			0.7		
Radium 226, ct.error (+/- pCi/L)	0.9			0.8			0.6			1.0			0.6			0.8		
Radium 228	0.6			0.5			0.9			< 0.3			0.8			< 0.3		
Radium 228, ct.error (+/- pCi/L)	0.8			0.8			0.8			0.7			0.8			0.8		

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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-005A- 06/18/91			1st Qtr M-005A-DUP 06/18/91			1st Qtr M-006A- 07/01/91			1st Qtr M-007A- 07/02/91			1st Qtr M-008A- 07/01/91			1st Qtr M-009A- 07/16/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	13.2	J	c	15.4	J	c	15.9			6.8			< 1.0			12.9	J	c
Alkalinity, total (mg/L-CaCO3)	504			380			376			128			164			560		
COD (mg/L)	388.0	J	c	345.0	J	c	141.0	J	c	108.0	J	c	165.0	J	c	85		
Hardness (mg/L-CaCO3)	232			240			5000			80.0			40.0			180		
Total Dissolved Solids, TDS (mg/L)	1120			1060			805			369			2110			2030		
Spec. cond., lab (umhos/cm)	3330			1520			1070			398			925			3840		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	1400			1400			900			370			390			4300		
Water Temp (deg C)	19.6			19.6			20.5			20.4			18.3			19.1		
pH, Field (Std units)	7.60			7.60			7.91			7.54			8.89			7.70		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	24.6			31.1	J	c	15.4			2.1	UJ	a	8			64.6		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0161			0.0			0.489			0.573			0.131			0.00936		
Asbestos, Total Structures (MAS/L)	67.0			0.0			352			696			1360			124		
ANIONS																		
Chloride (mg/L)	169.7			165.7			56.41			32.86			27.3			746.7		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	0.97			0.9			1.1			< 0.40			1			< 0.20		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.100			< 0.100			< 0.010			< 0.100			< 0.100			< 0.010		
Sulfate (mg/L)	52.26			49.34			103.7			15.89			15.36			82.99		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	63.8			18.0			10.2			4.7			189			< 0.1		
Alpha, gross, ct.error (+/- pCi/L)	42.3			27.1			10.6			6.5			87.7			12.4		
Beta, gross	60			57			45			21			200			50		
Beta, gross, ct.error (+/- pCi/L)	50.4			27.6			15.7			8.3			51.4			43.2		
Radium 226	17			11			9.3	UJ	a	8.5	UJ	a	39	UJ	a	4.3	UJ	a
Radium 226, ct.error (+/- pCi/L)	2.1			2.5			1.8			1.9			3.9			1.2		
Radium 228	0.7			1.6			0.7			< 0.3			< 0.3			0.9		
Radium 228, ct.error (+/- pCi/L)	0.9			1.7			0.8			0.8			0.8			0.9		

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b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-dige
h = laborator

Table 2 - Site 1 - Groundwater Analytical Res[illegible]r "A" and "E" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-001A- 06/17/91			1st Qtr M-001E- 06/17/91			1st Qtr M-002A- 06/19/91			1st Qtr M-002E- 06/19/91			1st Qtr M-003A- 06/17/91			1st Qtr M-004A- 06/18/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	9.6	J	c	< 1.0	UJ	c	41.9	J	c	42.3	J	c	14.1	J	c	13.4	J	c
Alkalinity, total (mg/L-CaCO3)	401			428			448			368			328			684		
COD (mg/L)	290.0	J	c	130.0	J	c	226.0	J	c	496.0	J	c	< 50.0			97.0	J	c
Hardness (mg/L-CaCO3)	356			48.0			3200			4400			520			532		
Total Dissolved Solids, TDS (mg/L)	1340			1420			7030			16100			763			2400		
Spec. cond., lab (umhos/cm)	2570			3260			11200			24800			985			4110		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	1600			2280			9000			20000			790			3600		
Water Temp (deg C)	17.8			17.7			17.5			16.6			19.3			18.2		
pH, Field (Std units)	7.84			8.90			6.83			7.01			7.35			7.80		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	15.7			16			8.1			7.3			3.7			19.6		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0			0.229			0.218			0.125			0.00244			0.0		
Asbestos, Total Structures (MAS/L)	0.0			295			385			241			6.07			0.0		
ANIONS																		
Chloride (mg/L)	568.1			584.6			3265			8360			48.38			920.3		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	0.54	UJ	a	0.68			< 5.00			< 5.00			0.32	UJ	a	1.44		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.250			< 0.010			0.026			0.060			3.34			< 0.010		
Sulfate (mg/L)	10.98			4.3			481.9			1237			53.15			104.7		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	< 0.1			11.2			41.5			< 0.1			< 0.1			6.6		
Alpha, gross, ct.error (+/- pCi/L)	10.9			20.1			47.7			97.9			3.1			13.0		
Beta, gross	55			78			16			< 0.3			10.0			22		
Beta, gross, ct.error (+/- pCi/L)	18.2			22.4			40.2			113			5.6			25.9		
Radium 226	4.1			3.6			3.6			8.3			1.3			3.8		
Radium 226, ct.error (+/- pCi/L)	1.0			1.1			1.2			1.6			0.7			1.0		
Radium 228	0.3			< 0.3			0.3			< 0.3			0.3			< 0.3		
Radium 228, ct.error (+/- pCi/L)	0.9			0.9			0.9			0.9			0.9			0.9		

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e = LCS
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g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	4th Qtr M-103B- 04/23/92			4th Qtr M-104C- 03/25/92			4th Qtr M-105B- 04/13/92			4th Qtr M-108B- 03/25/92			4th Qtr M-108B-DUP 03/25/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	236			232			167			112			156	J	ms
Alkalinity, total (mg/L-CaCO3)	500			295			279			371			470		
COD (mg/L)	1830			690			926			212			718		
Hardness (mg/L-CaCO3)	7300			3300			6800			5750			5730		
Residue, Dissolved (mg/L)	1040			19700			30400			28800			29100		
Spec. cond., lab (umhos/cm)	44300			30500			41700			43500			41800		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	39500			22000			36000			33900			BK		
Water Temp (deg C)	19.8			17			18.6			19.6			BK		
pH, Field (Std units)	6.33			6.93			6.42			6.65			BK		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	14	UJ	a	56.9			9.4			25.6			16.6		
ASBESTOS															
Asbestos, Mass (ug/L)	0.101			0			0			0			0		
Asbestos, Total Structures (MAS/L)	2490			0			0			0			0		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	29.4			68.5			137			27.1			41.5		
Alpha, gross, ct.error (+/- pCi/L)	115			79.1			126			119			118		
Beta, gross	218			337			342			502			389		
Beta, gross, ct.error (+/- pCi/L)	185			137			159			221			178		
Radium 226	2.1			3			1.9			4.7			1.2		
Radium 226, ct.error (+/- pCi/L)	0.9			1.3			0.9			1.7			0.9		
Radium 228	0.7			4.8	UJ	a	1.9	UJ	a	4.7	UJ	a	1.3		
Radium 228, ct.error (+/- pCi/L)	0.8			0.8			0.6			0.9			2		
ANIONS															
Chloride (mg/L)	17540			9774			15850			16010			15570		
Cyanide (ug/L)	10.1			< 5.0			< 5.0			< 5.0	UJ	post	< 5.0	UJ	post
Fluoride (mg/L)	< 2.50			< 2.50			< 2.50			< 2.50			< 2.50	UJ	ms
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			0.02			0.25			0.033			0.023		
Sulfate (mg/L)	282.5			23.42			1666			1598			1566		

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g = post-digestion spike recovery
h = laboratory indicated questionable data

Sample Number Date Sampled	3rd Qtr M-103B- 02/07/92			3rd Qtr M-104C- 02/06/92			3rd Qtr M-105B- 02/05/92			3rd Qtr M-108B- 02/06/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB												
Acidity, total (mg/L-CaCO3)	206			231			129			122		
Alkalinity, total (mg/L-CaCO3)	339			351			500			470		
COD (mg/L)	956.0			890.0			1024			426.0		
Hardness (mg/L-CaCO3)	5220			2740			6920			3540		
Total Dissolved Solids, TDS (mg/L)	29000			17800			27400			28100		
Spec. cond., lab (umhos/cm)	41500			29400			41400			42400		
PHYSICAL PARAMETERS-FIELD												
Spec. cond., field @25 C (umhos/cm)	30000			22000			32000			32000		
Water Temp (deg C)	16.2			15.5			17.4			16.4		
pH, Field (Std units)	7.40			7.10			7.45			6.60		
TOTAL ORGANIC CARBON (mg/L)												
Carbon, TOC	15.2			41.3			3.5			5.1		
ASBESTOS												
Asbestos, Mass (ug/L)	0.0			0.0346			0.000453			0.0		
Asbestos, Total Structures (MAS/L)	0.0			522			45.3			0.0		
ANIONS												
Chloride (mg/L)	17590			9716			15590			16190		
Cyanide (ug/L)	33.3	J	h	< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	< 2.50			< 1.00			< 2.50			< 2.50		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.100			< 0.010			0.019			0.012		
Sulfate (mg/L)	255.7			18.83			1650			1634		
RADIOCHEMICALS (pCi/L)												
Alpha, gross	< 0.1			< 0.1			10.9			43.4		
Alpha, gross, ct.error (+/- pCi/L)	98.0			60.3			88.4			85.1		
Beta, gross	184			143			73.6			69.8		
Beta, gross, ct.error (+/- pCi/L)	137			104			129			120		
Radium 226	1.2			3.1			2.4			4.1		
Radium 226, ct.error (+/- pCi/L)	0.7			1.0			0.9			1.0		
Radium 228	1.0			1.3			2.9			2.3		
Radium 228, ct.error (+/- pCi/L)	0.6			0.7			0.7			0.7		

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c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "B" and "C" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-103B- 10/08/91			2nd Qtr M-104C- 10/04/91			2nd Qtr M-105B- 10/10/91			2nd Qtr M-105B- 02/05/92			2nd Qtr M-108B- 10/08/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	167			291			110			129			119		
Alkalinity, total (mg/L-CaCO3)	1760			576			817			500			676		
COD (mg/L)	1496			926			1466			1024			1090		
Hardness (mg/L-CaCO3)	7200			3500			6800			6920			5900		
Total Dissolved Solids, TDS (mg/L)	29100			17800			27300			27400			28000		
Spec. cond., lab (umhos/cm)	40000			25500			38900			41400			36400		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	39000			23000			37000			32000			34000		
Water Temp (deg C)	20.0			20.0			20.0			17.4			20.0		
pH, Field (Std units)	7.00			7.00			7.00			7.45			7.00		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	22.2			51.7			9.9			3.5			13.8		
ASBESTOS															
Asbestos, Mass (ug/L)	0.0			0.0			0.0			0.000453			0.0		
Asbestos, Total Structures (MAS/L)	0.0			0.0			0.0			45.3			0.0		
ANIONS															
Chloride (mg/L)	17250			9444			15770			15590			15820		
Cyanide (ug/L)	5.4			< 2.5			< 10.0			< 5.0			< 2.5		
Fluoride (mg/L)	< 5.00			< 0.20			< 5.00			< 2.50			< 5.00		
Nitrogen, NO2+NO3 (mg/L-as N)	0.052			< 0.010			0.027			0.019			0.013		
Sulfate (mg/L)	264.9			< 0.500			1670			1650			1636		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	106			< 0.3			170			10.9			64.8		
Alpha, gross, ct.error (+/- pCi/L)	171			6.1			184			88.4			185		
Beta, gross	69			25			110			73.6			36		
Beta, gross, ct.error (+/- pCi/L)	142			9.2			151			129			144		
Radium 226	4.3			2.4			4.5			2.4			4.8		
Radium 226, ct.error (+/- pCi/L)	1.1			0.9			1.0			0.9			1.0		
Radium 228	2.8	UJ	a	3			3.8	UJ	a	2.9			6.4		
Radium 228, ct.error (+/- pCi/L)	0.7			0.7			0.7			0.7			0.8		

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Sample Number Date Sampled	1st Qtr M-103B- 07/16/91			1st Qtr M-104C 07/19/91			1st Qtr M-105B- 06/27/91			1st Qtr M-108B-		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB												
Acidity, total (mg/L-CaCO3)	39.8	J	c	202	J	c	89.7			NS		
Alkalinity, total (mg/L-CaCO3)	1490			652			760			NS		
COD (mg/L)	1508			844			1008	J	c	NS		
Hardness (mg/L-CaCO3)	7700			4500			7600			NS		
Total Dissolved Solids, TDS (mg/L)	28500			18100			28200			NS		
Spec. cond., lab (umhos/cm)	46100			29300			37200			NS		
PHYSICAL PARAMETERS-FIELD												
Spec. cond., field @25 C (umhos/cm)	390			24000			34000			NS		
Water Temp (deg C)	19.1			17.9			14.1			NS		
pH, Field (Std units)	7.62			7.19			6.99			NS		
TOTAL ORGANIC CARBON (mg/L)												
Carbon, TOC	22.7	J	c	45.5			16.8	J	c	NS		
ASBESTOS												
Asbestos, Mass (ug/L)	0.691			0.00123			0.00990			NS		
Asbestos, Total Structures (MAS/L)	7120			28.5			49.4			NS		
ANIONS												
Chloride (mg/L)	17600			10080			16000			NS		
Cyanide (ug/L)	47.3			< 10.0			< 10.0			NS		
Fluoride (mg/L)	< 5.00			< 0.20			< 5.00			NS		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.250			0.013	UJ	a	< 0.010			NS		
Sulfate (mg/L)	223.4			0.86			1688			NS		
RADIOCHEMICALS (pCi/L)												
Alpha, gross	< 0.3			< 0.3			< 0.3			NS		
Alpha, gross, ct.error (+/- pCi/L)	332			50.2			129			NS		
Beta, gross	250			< 0.3			< 0.3			NS		
Beta, gross, ct.error (+/- pCi/L)	252			132			142			NS		
Radium 226	7.1			3.7			2.2			NS		
Radium 226, ct.error (+/- pCi/L)	1.7	UJ	a	1.2			0.8			NS		
Radium 228	0.9			3.3			< 0.3			NS		
Radium 228, ct.error (+/- pCi/L)	0.9			2.1			0.8			NS		

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a = method blank
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e = LCS
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Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - General Chemicals

Sample Number	4th Qtr M-106A-			4th Qtr M-107A-			4th Qtr M-108A-			4th Qtr M-109A-			4th Qtr M-110A-			4th Qtr M-111A-		
Date Sampled	04/17/92			04/17/92			03/24/92			04/27/92			04/22/92			04/22/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	1.6	UJ	a	18.1			< 1.0			1.5	UJ	a	20.9			4.1		
Alkalinity, total (mg/L-CaCO3)	48			173			129			334			427			500		
COD (mg/L)	53			252			63			< 50.0			< 50.0			< 50.0		
Hardness (mg/L-CaCO3)	24			58			82			38			278			80		
Residue, Dissolved (mg/L)	256			1120			927			849			1620			1290		
Spec. cond., lab (umhos/cm)	224			519			1690			1370			2760			2260		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	85			450			1350			1000			1000			2300		
Water Temp (deg C)	18.4			17.3			17.3			19.4			19.1			19.3		
pH, Field (Std units)	7.8			6.8			8.33			7.73			7.46			8.04		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	9.6			90			11.3			14.9	UJ	a	6.9	UJ	a	12.7	UJ	a
ASBESTOS																		
Asbestos, Mass (ug/L)	0.00829			0			0.0015			0.000309			0			0.0019		
Asbestos, Total Structures (MAS/L)	332			0			69			8.5			0			15.4		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	13.1			20.8			7.7			7.7			6.9			15.9		
Alpha, gross, ct.error (+/- pCi/L)	3.5			7.6			11.3			7.7			5.8			7.3		
Beta, gross	27			13.6			8.1			12.4			28.6			31.2		
Beta, gross, ct.error (+/- pCi/L)	3.9			9.1			23.2			11.4			15.2			11.3		
Radium 226	0.5			4.5			3.1			0.5			< 0.1			0.3		
Radium 226, ct.error (+/- pCi/L)	0.5			1.4			1.3			0.5			0.4			0.4		
Radium 228	0.5	UJ	a	1.1	UJ	a	6.1			4.4			1.1			0.7		
Radium 228, ct.error (+/- pCi/L)	0.5			0.6			1.1			0.8			0.7			0.6		
ANIONS																		
Chloride (mg/L)	4.015			40.81			403.1			58.43			697.2			491		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0	UJ	g	< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	< 0.10			0.19	UJ	a	0.82			2.64			0.57			1.11		
Nitrogen, NO2+NO3 (mg/L-as N)	0.018	UJ	a	119	J	c	0.56			0.092	J	c	0.047	J	c	0.023	J	c
Sulfate (mg/L)	4.532			22.18			54.68			47.79			39.92			54.85		

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a = method blank
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c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Sample Number Date Sampled	4th Qtr M-101A- 04/14/92			4th Qtr M-102A- 04/21/92			4th Qtr M-103A- 04/23/92			4th Qtr M-103A-DUP 04/23/92			4th Qtr M-104A- 03/25/92			4th Qtr M-105A- 04/13/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	18.2			6.3			2.6	UJ	a	5.7			< 1.0			2.5	UJ	a
Alkalinity, total (mg/L-CaCO3)	200			163			358			130			205			128		
COD (mg/L)	130			< 50.0			< 50.0			< 50.0			< 50.0			< 50.0		
Hardness (mg/L-CaCO3)	120			138			38			28			56			14		
Residue, Dissolved (mg/L)	2120			285			257			263			514			333		
Spec. cond., lab (umhos/cm)	3550			415			318			319			902			366		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	3000			250			290			BK			680			280		
Water Temp (deg C)	17.9			18.2			17.2			BK			16.1			16.8		
pH, Field (Std units)	7.43			6.89			7.52			BK			8.51			7.52		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	33.8			5			4.6	UJ	a	9.9	UJ	a	12.7			4.4		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.014			0.00164			0.0327			0.00751			0			0.000526		
Asbestos, Total Structures (MAS/L)	319			36.8			99.7			62.3			0			8.44		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	16.1			0.7			5.2			3.6			4.1			18.5		
Alpha, gross, ct.error (+/- pCi/L)	10.5			1.3			2			1.8			5			24.9		
Beta, gross	24.2			4.9	UJ	a	11.8			14.8			15.5			69.2		
Beta, gross, ct.error (+/- pCi/L)	13.4			2.5			3.2			2.8			7.6			34.5		
Radium 226	0.7			0.3			1.2			0.4			< 0.3			0.5		
Radium 226, ct.error (+/- pCi/L)	0.7			0.5			0.7			0.5			0.5			0.5		
Radium 228	0.7	UJ	a	0.6	UJ	a	1.7			0.9			3.3	UJ	a	< 0.3		
Radium 228, ct.error (+/- pCi/L)	0.4			0.6			0.7			0.6			0.9			0.6		
ANIONS																		
Chloride (mg/L)	792.4			37.91			21.35			21.28			156.4			21.48		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	0.78			< 0.10			0.22	UJ	a	0.23	UJ	a	0.34			0.17	UJ	a
Nitrogen, NO2+NO3 (mg/L-as N)	1.29			0.396			0.246			0.136	J	c	0.475			3.48		
Sulfate (mg/L)	41.14			20.08			7.692			7.772			11.6			25.43		

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Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-110A-DUP 02/08/92			3rd Qtr M-111A- 02/08/92		
PARAMETER REPORTED						
	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB						
Acidity, total (mg/L-CaCO3)	11.4			5.7		
Alkalinity, total (mg/L-CaCO3)	500			177		
COD (mg/L)	53.0			53.0		
Hardness (mg/L-CaCO3)	94.4			78.4		
Total Dissolved Solids, TDS (mg/L)	1720			1580		
Spec. cond., lab (umhos/cm)	2920			2840		
PHYSICAL PARAMETERS-FIELD						
Spec. cond., field @25 C (umhos/cm)	2000			1000		
Water Temp (deg C)	15.2			16.1		
pH, Field (Std units)	7.30			7.66		
TOTAL ORGANIC CARBON (mg/L)						
Carbon, TOC	2.9			9.1		
ASBESTOS						
Asbestos, Mass (ug/L)	0.0			0.0		
Asbestos, Total Structures (MAS/L)	0.0			0.0		
ANIONS						
Chloride (mg/L)	496.6			638.9		
Cyanide (ug/L)	< 5.0			< 5.0		
Fluoride (mg/L)	0.51			1.19		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			0.016		
Sulfate (mg/L)	69.5			58.46		
RADIOCHEMICALS (pCi/L)						
Alpha, gross	31.2			4.0		
Alpha, gross, ct.error (+/- pCi/L)	14.0			10.7		
Beta, gross	32.4			32.4		
Beta, gross, ct.error (+/- pCi/L)	19.4			21.8		
Radium 226	1.6			0.4	UJ	a
Radium 226, ct.error (+/- pCi/L)	0.6			0.4		
Radium 228	0.6	UJ	a	0.3	UJ	a
Radium 228, ct.error (+/- pCi/L)	0.6			0.5		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-dige
h = laborator

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-106A- 02/08/92			3rd Qtr M-107A- 02/08/92			3rd Qtr M-107A-DUP 02/08/92			3rd Qtr M-108A- 02/06/92			3rd Qtr M-109A- 02/07/92			3rd Qtr M-110A- 02/08/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	1.3	UJ	a	10.6			15.5			3.4	UJ	a	< 1.0			11.1		
Alkalinity, total (mg/L-CaCO3)	148			352			451			29			500			262		
COD (mg/L)	< 50.0			74.0			63.0			74.0			< 50.0			130.0		
Hardness (mg/L-CaCO3)	20.0			98.4			153			88.8			50.4			139		
Total Dissolved Solids, TDS (mg/L)	210			1560			2540			1140			1190			981		
Spec. cond., lab (umhos/cm)	177			2540			4610			2060			1620			1800		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	40.0			70.0			70.0			1800			1200			2000		
Water Temp (deg C)	15.0			16.0			16.0			15.1			15.3			15.2		
pH, Field (Std units)	7.65			7.52			7.52			7.68			8.02			7.30		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	7.2			10.7			2.4			4.9			7.3			3.8	J	c
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0			0.0			0.0			0.00347			0.0			0.0269		
Asbestos, Total Structures (MAS/L)	0.0			0.0			0.0			89.5			0.0			112		
ANIONS																		
Chloride (mg/L)	9.85			415.1			1269			519.3			68.81			376.5		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0			< 5.0			< 5.0			< 5.0		
Fluoride (mg/L)	< 0.10			0.46			0.49			0.68			2.01			0.53		
Nitrogen, NO2+NO3 (mg/L-as N)	0.416			0.01			0.020			0.953			0.135			0.019		
Sulfate (mg/L)	9.714			64.17			22.83			71.53			59.75			29.06		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	18.2			6.3			2.5			5.1			46.4			< 0.1		
Alpha, gross, ct.error (+/- pCi/L)	7.3			8.8			6.6			21.3			87.3			9.0		
Beta, gross	34.3			20.9			5.7			18.2			133			< 0.3		
Beta, gross, ct.error (+/- pCi/L)	9.5			14.3			12.1			29.8			141			17.0		
Radium 226	3.5			2.1			0.3			1.2			0.7	UJ	a	1.4		
Radium 226, ct.error (+/- pCi/L)	0.9			0.7			0.3			0.6			0.4			0.7		
Radium 228	0.6	UJ	a	0.8	UJ	a	3			< 0.3			0.7	UJ	a	0.6	UJ	a
Radium 228, ct.error (+/- pCi/L)	0.6			0.6			1.3			0.6			0.6			0.6		

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Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - General Chemicals

Sample Number Date Sampled	3rd Qtr M-101A- 02/05/92			3rd Qtr M-102A- 02/07/92			3rd Qtr M-103A- 02/07/92			3rd Qtr M-104A- 02/06/92			3rd Qtr M-105A- 02/05/92			3rd Qtr M-105A-DUP 02/05/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	23.1			6.9			2.1	UJ	a	3.5	UJ	a	1.6	UJ	a	2.0	UJ	a
Alkalinity, total (mg/L-CaCO3)	607			233			161			159			142			118		
COD (mg/L)	85.0			< 50.0			< 50.0			< 50.0			53.0			53.0		
Hardness (mg/L-CaCO3)	252			114			22.4			92.0			8.0			7.2		
Total Dissolved Solids, TDS (mg/L)	2020			544			282			332			346			355		
Spec. cond., lab (umhos/cm)	3570			906			366			493			426			409		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	2300			500			350			400			350			350		
Water Temp (deg C)	17.0			17.0			15.1			15.2			16.3			16.3		
pH, Field (Std units)	7.56			7.75			8.16			7.81			9.09			9.09		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	21.3			10.8			3.7			3.0			2.8			4.2		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.00648			0.0263			0.0213			0.0404			0.0			0.0		
Asbestos, Total Structures (MAS/L)	109			227			47.7			351			0.0			0.0		
ANIONS																		
Chloride (mg/L)	778.2			108.3			21.29			44.98			25.09			25.3		
Cyanide (ug/L)	< 5.0			< 5.0			< 5.0			< 5.0			8.2			< 5.0		
Fluoride (mg/L)	0.87			0.20	UJ	a	0.27			0.26			0.20	UJ	a	0.20	UJ	a
Nitrogen, NO2+NO3 (mg/L-as N)	0.043			0.192			0.15			0.011			1.58			1.62		
Sulfate (mg/L)	46.19			35.57			6.787			15.83			24.09			23.94		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	5.9			< 0.1			3.3			5.1			6.2			4.8		
Alpha, gross, ct.error (+/- pCi/L)	13.6			2.9			4.3			3.4			3.4			4.0		
Beta, gross	14.5			< 0.3			6.6			19.4			18.8			19.7		
Beta, gross, ct.error (+/- pCi/L)	21.1			4.8			6.3			6.1			5.0			5.4		
Radium 226	0.5			0.8			0.8			0.4			1.8	J	c	2.6		
Radium 226, ct.error (+/- pCi/L)	0.4			0.6			0.5			0.4			0.7			1.3		
Radium 228	< 0.3			< 0.3			< 0.3			< 0.3			1.0			1.5		
Radium 228, ct.error (+/- pCi/L)	0.6			0.5			0.6			0.5			0.7			1.1		

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Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-107A- 10/07/91			2nd Qtr M-108A- 10/07/91			2nd Qtr M-108A-DUP 10/07/91			2nd Qtr M-109A- 10/04/91			2nd Qtr M-110A- 10/09/91			2nd Qtr M-111A- 10/09/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	9.9			4.1	UJ	a	2.5	UJ	a	< 1.0	UJ	c	15.9			3.3	UJ	a
Alkalinity, total (mg/L-CaCO3)	668			184			149			608			415			430		
COD (mg/L)	< 50.0			74			85	J	c	< 50.0			85			< 50.0		
Hardness (mg/L-CaCO3)	152			100.0			100			40.0			600			114		
Total Dissolved Solids, TDS (mg/L)	1510			1390			1180			1200			2530			1660		
Spec. cond., lab (umhos/cm)	2530			2370			2250			1930			3900			2880		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	1900			1900			1900			1200			1300			1800		
Water Temp (deg C)	19.0			22.0			22.0			20.0			24.0			21.0		
pH, Field (Std units)	7.00			7.00			7.00			7.00			7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	12.5			7.3			13.3			10.9			8			9.3		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0			0.00662			0.0			0.0			0.00590			0.0		
Asbestos, Total Structures (MAS/L)	0.0			27.5			0.0			0.0			62.8			0.0		
ANIONS																		
Chloride (mg/L)	404.7			650.8			503.7			131.5			1146			653.6		
Cyanide (ug/L)	< 2.5			< 2.5			< 2.5			< 2.5			< 10.0			< 10.0		
Fluoride (mg/L)	0.97			1			1.08			2.07			1.37			1.83		
Nitrogen, NO2+NO3 (mg/L-as N)	0.013			0.672			0.982			0.623			0.022			0.016		
Sulfate (mg/L)	68.51			93.1			67.16			72.89			25.47			53.22		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	9.5			46.5			19.5			2.8			33.2			26.3		
Alpha, gross, ct.error (+/- pCi/L)	10.9			26.7			16.9			10.1			21.7			13.6		
Beta, gross	1.9			8.5			15			23			21			< 0.3		
Beta, gross, ct.error (+/- pCi/L)	10.3			23.6			20.3			13.6			24.1			10.8		
Radium 226	2.3			3.1			8.7			3.0			5			1.5		
Radium 226, ct.error (+/- pCi/L)	0.9			0.9			2.2			1.1			1.2			0.8		
Radium 228	1.7			2.7			< 0.3			1.4	UJ	a	3.9			4.5		
Radium 228, ct.error (+/- pCi/L)	0.6			0.8			1.4			0.7			0.8			0.7		

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Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - General Chemicals

Sample Number Date Sampled	2nd Qtr M-101A- 09/23/91			2nd Qtr M-102A- 09/23/91			2nd Qtr M-103A- 10/08/91			2nd Qtr M-104A- 10/04/91			2nd Qtr M-105A- 10/10/91			2nd Qtr M-106A- 10/07/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	10.9	J	c	12.4	J	c	4.7	UJ	a	1.5	UJ	a	< 1.0			< 1.0		
Alkalinity, total (mg/L-CaCO3)	633			435			129			684			129			51.0		
COD (mg/L)	85.0			85.0			< 50.0			< 50.0			< 50.0			53		
Hardness (mg/L-CaCO3)	232			276			< 1.0			92.0			4.0	UJ	a	56.0		
Total Dissolved Solids, TDS (mg/L)	2630			878			343			316			450			237		
Spec. cond., lab (umhos/cm)	4820			1470			301			519			533			249		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	4000			1300			300			4200			410			120		
Water Temp (deg C)	21.0			20.0			20.0			20.0			20.0			20.0		
pH, Field (Std units)	7.00			7.00			7.00			7.00			7.00			7.00		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	2			15.5			6.9			5.1			4.3			3.2		
ASBESTOS																		
Asbestos, Mass (ug/L)	0.0			0.00298			0.0			0.000509			0.0			0.0		
Asbestos, Total Structures (MAS/L)	0.0			30.6			0.0			14.5			0.0			0.0		
ANIONS																		
Chloride (mg/L)	1137			194.7			20.12			62.23			25.76			16.35		
Cyanide (ug/L)	< 10.0			< 10.0			< 2.5			< 2.5			< 10.0			< 2.5		
Fluoride (mg/L)	2.16			< 0.80			0.27	UJ	a	0.33	UJ	a	0.27	UJ	a	< 0.20		
Nitrogen, NO2+NO3 (mg/L-as N)	0.014			0.032			0.067			0.016			1.11			0.133		
Sulfate (mg/L)	21			42.66			7.031			14.39			19.92			6.441		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	< 0.1			< 0.1			8.5			0.6			28.9			79.4		
Alpha, gross, ct.error (+/- pCi/L)	8.1			4.0			6.0			3.9			8.6			25.4		
Beta, gross	23			5.0			12			9.5			9.3			49		
Beta, gross, ct.error (+/- pCi/L)	20.8			14.3			5.0			5.4			6.8			16.1		
Radium 226	3.1			2.5			6			3.0			5.4			7.3		
Radium 226, ct.error (+/- pCi/L)	1.1			1.0			1.3			1.0			1.1			1.3		
Radium 228	< 0.3			0.4			1.4	UJ	c	3.9			2.2	UJ	a	3.4	UJ	a
Radium 228, ct.error (+/- pCi/L)	0.9			0.8			0.6			0.8			0.6			0.7		

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Sample Number Date Sampled	1st Qtr M-107A- 07/17/91			1st Qtr M-108A-			1st Qtr M-109A- 07/16/91			1st Qtr M-110A- 07/17/91			1st Qtr M-111A- 07/18/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB															
Acidity, total (mg/L-CaCO3)	6.7	UJ	a,c	NS			< 1.0	UJ	c	6.3	UJ	a,c	3.2	UJ	a,c
Alkalinity, total (mg/L-CaCO3)	748			NS			616			956			520		
COD (mg/L)	85			NS			74			194			126		
Hardness (mg/L-CaCO3)	188			NS			64.0			272			160		
Total Dissolved Solids, TDS (mg/L)	1670			NS			1230			1020			1770		
Spec. cond., lab (umhos/cm)	3000			NS			2050			1730			3250		
PHYSICAL PARAMETERS-FIELD															
Spec. cond., field @25 C (umhos/cm)	2700			NS			2100			4800			3750		
Water Temp (deg C)	17.2			NS			20.5			22.3			19.7		
pH, Field (Std units)	7.67			NS			8.26			7.37			7.84		
TOTAL ORGANIC CARBON (mg/L)															
Carbon, TOC	12.7			NS			15.3			5.6			8.4		
ASBESTOS															
Asbestos, Mass (ug/L)	0.00961			NS			0.0			0.0			0.00303		
Asbestos, Total Structures (MAS/L)	9.61			NS			0.0			0.0			37.8		
ANIONS															
Chloride (mg/L)	416.3			NS			145.7			408.7			727.5		
Cyanide (ug/L)	< 10.0			NS			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	1.07	J	c	NS			2.27	J	c	< 1.00			1.92	J	c
Nitrogen, NO2+NO3 (mg/L-as N)	0.012	UJ	a	NS			0.207			0.011	UJ	a	< 0.010		
Sulfate (mg/L)	90.19			NS			72.93			34.1			51.99		
RADIOCHEMICALS (pCi/L)															
Alpha, gross	2.0			NS			7.6			10.9			33.3		
Alpha, gross, ct.error (+/- pCi/L)	14.2			NS			7.9			12.8			19.0		
Beta, gross	< 0.3			NS			< 0.3			15			23		
Beta, gross, ct.error (+/- pCi/L)	18.1			NS			13.7			21.8			22.8		
Radium 226	4.4	UJ	a	NS			6.0	UJ	a	12			4.0	UJ	a
Radium 226, ct.error (+/- pCi/L)	1.4			NS			1.5			2.2			1.2		
Radium 228	< 0.3			NS			0.4			< 0.3			< 0.3		
Radium 228, ct.error (+/- pCi/L)	0.9			NS			0.9			1.0			1.3		

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d = holding time
e = LCS
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h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - General Chemicals

Sample Number Date Sampled	1st Qtr M-101A- 06/23/91			1st Qtr M-102A- 06/24/91			1st Qtr M-103A- 07/16/91			1st Qtr M-104A 07/19/91			1st Qtr M-105A- 06/26/91			1st Qtr M-106A- 07/19/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
PHYSICAL PARAMETERS-LAB																		
Acidity, total (mg/L-CaCO3)	8.9	J	c	4.6	UJ	a,c	2.6	UJ	a,c	< 1.0	UJ	a	< 1.0	UJ	c	< 1.0	UJ	c
Alkalinity, total (mg/L-CaCO3)	840			216			152			684			148			92		
COD (mg/L)	108	J	c	< 50.0			< 50.0			63			63	J	c	130		
Hardness (mg/L-CaCO3)	800			136			72.0			92.0			24.0			20.0		
Total Dissolved Solids, TDS (mg/L)	2810			434			313			404			352			238		
Spec. cond., lab (umhos/cm)	4750			649			466			674			572			375		
PHYSICAL PARAMETERS-FIELD																		
Spec. cond., field @25 C (umhos/cm)	3750			345			700			470			320			135		
Water Temp (deg C)	15.7			18.6			19.4			19.2			16.4			18.4		
pH, Field (Std units)	7.91			7.79			9.01			8.27			8.36			9.21		
TOTAL ORGANIC CARBON (mg/L)																		
Carbon, TOC	26.9	J	c	6.2	J	c	2.9	J	c	4.0			5.1	J	c	2.3	J	c
ASBESTOS																		
Asbestos, Mass (ug/L)	0.322			0.0462			0.00615			0.0382			0.0			0.0		
Asbestos, Total Structures (MAS/L)	1800			254			84.4			649			0.0			0.0		
ANIONS																		
Chloride (mg/L)	1209			72.47			24.11			74.74			25.76			10.37		
Cyanide (ug/L)	< 10.0			< 10.0			< 10.0			< 10.0			< 10.0			< 10.0		
Fluoride (mg/L)	2.28			< 0.40			0.30	UJ	c	0.39	UJ	c	< 0.40			< 0.20		
Nitrogen, NO2+NO3 (mg/L-as N)	< 0.010			0.010			0.016			0.618			1.89			0.077		
Sulfate (mg/L)	13.16			31.25			7.379			15.42			21.12			6.857		
RADIOCHEMICALS (pCi/L)																		
Alpha, gross	< 0.1			1.6			2.6			8.2			< 0.3			10.5		
Alpha, gross, ct.error (+/- pCi/L)	18.0			3.7			2.6			5.2			10.4			15.9		
Beta, gross	40			3.4			< 0.3			< 0.3			11			< 0.3		
Beta, gross, ct.error (+/- pCi/L)	24.8			5.5			3.9			5.9			12.0			22.8		
Radium 226	0.9			3.1			1.4	UJ	a	2.3			3.2			18		
Radium 226, ct.error (+/- pCi/L)	0.7			0.9			0.8			1.5			1.1			2.5		
Radium 228	< 0.3			< 0.3			2.4			< 0.3			1.0			< 0.3		
Radium 228, ct.error (+/- pCi/L)	0.9			0.9			1.8			2.0			0.8			0.8		

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g = post-digestion spike recovery
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Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	4th Qtr M-020B- 04/23/92			4th Qtr M-021C- 04/24/92			4th Qtr M-023B- 04/24/92		
PARAMETER REPORTED									
	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)									
Aluminum	44.3			60.8			< 40.7		
Antimony	< 37.5			< 37.5			< 37.5		
Arsenic	5.3			< 2.5			5.4		
Barium	239			49.2			110		
Beryllium	< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9		
Calcium	253000			104000			93100		
Chromium	< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2		
Copper	15.8			< 3.8			19.2		
Iron	918	J	f	2620	J	f	311	J	f
Lead	< 2.0			< 2.0			< 2.0		
Magnesium	466000			237000			265000		
Manganese	1820			505			1270		
Mercury	< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2		
Potassium	76700			81300			106000		
Selenium	< 2.0	UJ	g	< 2.0	UJ	g	< 10.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8		
Sodium	2630000			1360000			1780000		
Thallium	< 1.7			< 1.7			< 1.7		
Vanadium	15.9			17.1			19.8		
Zinc	< 4.6	UJ	f	35.2	J	g	11.4	J	f

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	4th Qtr M-010B- 04/10/92			4th Qtr M-012B- 04/21/92			4th Qtr M-013C- 04/22/92			4th Qtr M-014B- 04/22/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	< 40.7			< 40.7			< 40.7			46.3		
Antimony	45.2			< 113			< 375			< 37.5		
Arsenic	3.0			< 9.5			< 5.0			< 2.5		
Barium	36.3			46.8			39.3			46.6		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	67100			484000			560000			432000		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2		
Copper	14.6			< 3.8			26.2			4.7		
Iron	33.9			< 7.7			49.3	J	f	< 7.7	UJ	f
Lead	< 2.0	UJ	g	< 10.0			< 4.0	UJ	g	< 4.0	UJ	g
Magnesium	317000			986000			940000			766000		
Manganese	74.7			6660			7850			7680		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	125000			137000			92200			84000		
Selenium	< 2.0			< 20.0			< 2.0	UJ	g	< 2.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	2620000			7290000			7190000			7070000		
Thallium	< 1.7			< 8.5			3.6	J	g	< 3.4		
Vanadium	29.7			< 6.0	UJ	f	< 6.0			< 6.0		
Zinc	18.6			113			51.5	J	f	292	J	f

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Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-020B- 01/21/92			3rd Qtr M-021C- 01/21/92			3rd Qtr M-023B- 01/22/92		
PARAMETER REPORTED									
	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)									
Aluminum	< 40.7			94.1			47.5		
Antimony	< 37.5			< 37.5			43.0		
Arsenic	4.4			< 1.9			7.9		
Barium	218			54.6			172		
Beryllium	< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9		
Calcium	240000			111000			95100		
Chromium	< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2		
Copper	< 3.8			16.5			4.3		
Iron	4890			4100			3240		
Lead	< 1.3			1.6	J	g	< 1.3		
Magnesium	441000			260000			271000		
Manganese	1790			498			1280		
Mercury	< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2		
Potassium	76800			93600			109000		
Selenium	< 2.0	UJ	g	< 10.0			< 10.0		
Silver	< 4.8			< 4.8			< 4.8		
Sodium	2360000			1550000			1890000		
Thallium	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g
Vanadium	< 6.0			11.5			14.8		
Zinc	< 4.6			70.1			< 4.6		

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a = method blank
b = surrogate spike
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e = LCS
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Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-010B- 01/16/92			3rd Qtr M-012B- 01/17/92			3rd Qtr M-012B-DUP 01/17/92			3rd Qtr M-013C- 01/17/92			3rd Qtr M-014B- 01/16/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	41.8			< 40.7			< 40.7			< 40.7			< 40.7		
Antimony	51.5			< 37.5			< 37.5	UJ	c	< 37.5			< 37.5		
Arsenic	2.1			< 7.6			< 9.5			< 1.9			< 9.5		
Barium	42.5			45.3			48.5			41.2			48.0		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	66500			495000			479000	J	c	561000			447000		
Chromium	< 6.3			< 6.3			< 6.3	UJ	c	< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2	UJ	c	< 17.2			< 17.2		
Copper	< 3.8			23.2			16.3			17.7			22.4		
Iron	125			< 7.7			< 7.7	UJ	c	12.0	UJ	a	< 7.7		
Lead	< 1.3			< 6.5			< 6.5			< 3.9			< 3.9		
Magnesium	309000			986000			949000	J	c	921000			776000		
Manganese	114			7100			6870			7720			8220		
Mercury	< 0.2			< 0.2			< 0.2	UJ	c	< 0.2			< 0.2		
Nickel	< 13.2			19.8			31.4	J	c	< 13.2			< 13.2		
Potassium	125000			141000			137000			89900			78200		
Selenium	< 2.1	UJ	g	< 10.5	UJ	g	< 10.0	UJ	c	< 10.0	UJ	g	< 10.0	UJ	g
Silver	< 4.8			5.0			< 4.8			< 4.8			< 4.8		
Sodium	2540000			6650000			6730000	J	c	7490000			7250000		
Thallium	< 8.5	UJ	g	< 8.5	UJ	g	< 8.5	UJ	c,g	< 8.5	UJ	g	< 8.5	UJ	g
Vanadium	16.9			< 6.0			< 6.0	UJ	c	< 6.0			< 6.0		
Zinc	< 4.6			89.8			170			88.4			17.9		

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REMEDIAL ACTION OBJECTIVES

GENERAL
Restore Site for Unrestricted Industrial Use

Groundwater
Contain Plume
Control/Remove Source(s)
Clean-up Groundwater to Extent Practicable

Surface Water
Prevent Migration of Contaminants into Creek

Surface Soils
Prevent Exposure Based on Risk
Prevent Migration of Contamination (to either creek or groundwater)

Subsurface Soils
Prevent Migration of Contaminants to Groundwater
Control/Remove Source (LNAPL is source for subsurface contamination)

Removed Soils
Treat to Attain Disposal Criteria

Sludges
Treat to Attain Disposal Criteria

Equipment and Debris
Treat to Attain Disposal Criteria

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-021C- 09/30/91			2nd Qtr M-023B- 10/01/91		
PARAMETER REPORTED						
	Results	Val	Com	Results	Val	Com
METALS (ug/L)						
Aluminum	73.1			120		
Antimony	28			86.3		
Arsenic	< 2.6			16		
Barium	50.2			138		
Beryllium	< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0		
Calcium	105000			94400		
Chromium	< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1		
Copper	21.8			< 2.1		
Iron	5980			1660		
Lead	< 20.0			< 20.0		
Magnesium	236000			243000		
Manganese	473			1100		
Mercury	< 0.2	UJ	c	< 0.2	UJ	c
Nickel	14.1			14.1		
Potassium	88100			103000		
Selenium	< 8.4			< 8.4		
Silver	< 4.9			13		
Sodium	1360000			1590000		
Thallium	< 10.8	UJ	g	< 10.8	UJ	g
Vanadium	12.4			24.8		
Zinc	38.8			22.4	UJ	a

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a = method blank
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e = LCS
f = replicate
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h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-010B- 09/25/91			2nd Qtr M-012B- 09/24/91			2nd Qtr M-013C- 09/24/91			2nd Qtr M-014B- 09/25/91			2nd Qtr M-020B- 09/30/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 31.0			< 31.0			< 31.0			57.3			35.6		
Antimony	25.6			< 251			< 251			< 25.1			< 25.1		
Arsenic	< 2.6			< 2.6			< 2.6			< 2.6			< 10.4		
Barium	35.9			35.2			29.7			54.9			223		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	68300			483000			557000			463000			218000		
Chromium	< 5.7						< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			6.4			< 6.1		
Copper	2.2			< 2.1			< 2.1			< 2.1			4		
Iron	962			7.6	UJ	a	439			842			4080		
Lead	< 2.0	UJ	g	< 20.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g	< 20.0		
Magnesium	318000			968000			933000			818000			404000		
Manganese	73			7100			8040			8890			1910		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2	UJ	c
Nickel	< 13.2			18.8			14.4			19.1			13.5		
Potassium	123000			147000			96800			79000			71700		
Selenium	< 2.1	UJ	g	< 10.5	UJ	g	< 10.5	UJ	g	< 10.5	UJ	g	< 8.4		
Silver	< 4.9			< 4.9			4.9			< 4.9			< 4.9		
Sodium	2890000			7400000			7500000			8120000			2100000		
Thallium	< 2.7			4	J	g	< 16.2			< 2.7	UJ	g	< 10.8	UJ	g
Vanadium	25.4			< 4.2			< 4.2			< 4.2			7.1		
Zinc	< 2.3			22.9			113			< 2.3			19.4		

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Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	1st Qtr M-014B- 06/20/91			1st Qtr M-020B- 07/10/91			1st Qtr M-021C- 07/08/91			1st Qtr M-023B- 07/01/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	53.3			45			158			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	3.6			< 2.6			< 2.6			17.3		
Barium	45.3			233			37.2			113		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	467000			229000			110000			80700	J	c
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	11.1			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			21.8			38			< 2.1		
Iron	73.4			70.4			1200			322		
Lead	< 20.0			< 2.0	UJ	g	14			< 2.0		
Magnesium	795000			422000			255000			217000	J	c
Manganese	8360			2250			618			813		
Mercury	< 0.2	UJ	g	< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	82300			72900			92700			97100	J	c
Selenium	< 10.5			< 2.1			< 2.1			< 2.1		
Silver	7.1			< 4.9			< 4.9			< 4.9		
Sodium	7710000	J	c	2130000			1140000			1490000		
Thallium	< 13.5	UJ	g	< 2.7			< 13.5			< 13.5		
Vanadium	< 4.2			6.6			12.3			9.7		
Zinc	3.1	UJ	a	< 2.3			< 2.3			5.5		

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a = method blank
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e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	1st Qtr M-010B- 06/27/91			1st Qtr M-012B- 06/25/91			1st Qtr M-013C- 07/12/91			1st Qtr M-013C-DUP 07/12/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	< 31.0			37.3			45.6			36.2		
Antimony	26.7			< 25.1			< 25.1			< 251	UJ	c
Arsenic	< 2.6			2.9			< 2.6			< 2.6		
Barium	46.5			30.3			25.1			30.3		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	48200	J	c	460000	J	c	437000			524000		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7	UJ	c
Cobalt	< 6.1			7						< 6.1	UJ	c
Copper	< 2.1			2.3			12.3			30		
Iron	54.5	UJ	a	53.5	UJ	a	241			277		
Lead	< 2.0			< 20.0			< 10.0	UJ	g	< 10.0	UJ	g
Magnesium	224000	J	c	917000			744000			897000		
Manganese	62.8			6640			6030			7210		
Mercury	< 0.2			0.6	J	c,g	< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2	UJ	c
Potassium	90200	J	c	136000	J	c	66000			77400		
Selenium	< 2.1			< 10.5			< 10.5			< 10.5	UJ	c
Silver	< 4.9			6.5			8.1			5.8		
Sodium	1880000			6650000			5070000			5680000		
Thallium	< 2.7			< 13.5	UJ	g	< 13.5			< 13.5		
Vanadium	10			< 4.2			< 4.2			< 4.2	UJ	c
Zinc	< 2.3			60.6			< 2.3			< 2.3		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 -Site 2 - Groundwater Analytic... Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	4th Qtr M-022A- 04/01/92			4th Qtr M-022E- 04/01/92			4th Qtr M-023A- 04/01/92			4th Qtr M-023E- 04/01/92			4th Qtr M-024A- 03/31/92			4th Qtr M-024E- 03/31/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)																		
Aluminum	69.7	J	f	42.2	J	f	62.7	J	f	49.2	J	f	60.8			< 40.7		
Antimony	40.0			< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	2.2			2.9			2.8			24.0			2.8			20.0		
Barium	274			331			149			898			618			692		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	233000			295000			278000			200000			154000			140000		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			7.1			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	< 3.8			< 3.8			< 3.8			< 3.8			< 3.8			< 3.8		
Iron	205			14800			< 7.7			11200			10900			26000		
Lead	3.5	J	g	< 6.5			2.8			< 3.9			< 1.3			< 1.3		
Magnesium	386000			737000			523000			700000			118000			125000		
Manganese	183			4580			103			1710			676			1820		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			13.9			< 13.2			< 13.2		
Potassium	140000	J	h	194000	J	h	177000	J	h	196000	J	h	63000	J	h	71300	J	h
Selenium	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 10.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			4.8			< 4.8			< 4.8		
Sodium	3990000			6740000			5450000			7200000			814000			1160000		
Thallium	< 3.4			< 3.4	UJ	g	< 3.4	UJ	g	< 3.4	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g
Vanadium	24.6			< 6.0			14.2			< 6.0			19.0			16.1		
Zinc	< 4.6			14.5			< 4.6			< 4.6			25.3			15.9		

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Table 2 -Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	4th Qtr M-019E- 04/03/92			4th Qtr M-020A- 04/02/92			4th Qtr M-020E- 04/02/92			4th Qtr M-020E-DUP 04/02/92			4th Qtr M-021A- 04/02/92			4th Qtr M-021E- 04/03/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)																		
Aluminum	43.1	J	c	< 40.7	UJ	f	140	J	f	53.1	J	f	< 40.7	UJ	f	44.3	J	f
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	5.7			3.0			10.8			11.6	UJ	g	4.1			19.7		
Barium	71.5			106			105			105			136			167		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			90.3			< 3.9		
Calcium	309000			253000			235000			236000			200000			222000		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3	UJ	c	< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2	UJ	c	< 17.2			< 17.2		
Copper	< 3.8			< 3.8			< 3.8			< 3.8			< 3.8			< 3.8		
Iron	3430			< 7.7			21100			20900	J	c	< 7.7			27100		
Lead	7.4			< 2.6			6.2			< 6.5			< 6.5			< 6.5		
Magnesium	835000			508000			790000			795000			617000			767000		
Manganese	6620			274			6030			6060	J	c	197			5370		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2	UJ	c	< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2	UJ	c	< 13.2			< 13.2		
Potassium	251000	J	h	169000	J	h	232000	J	h	235000	J	h	230000	J	h	211000	J	h
Selenium	< 2.0	UJ	g	< 2.0	UJ	g	< 10.0	UJ	g	< 4.0	UJ	g	< 2.0	UJ	g	< 10.0		
Silver	< 4.8			< 4.8			5.6			< 4.8			< 4.8			< 4.8		
Sodium	8040000			4880000			7550000			7320000			6330000			7100000		
Thallium	< 8.5	UJ	g	< 3.4			< 3.4	UJ	g,c	< 3.4	UJ	g,c	< 3.4	UJ	g,c	< 3.4	UJ	g
Vanadium	< 6.0			14.6			< 6.0			< 6.0			8.0			< 6.0		
Zinc	< 4.6			< 4.6			< 4.6			< 4.6			< 4.6			< 4.6		

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Table 2 -Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	4th Qtr M-015A- 04/07/92			4th Qtr M-016A- 04/06/92			4th Qtr M-017A- 04/03/92			4th Qtr M-018A- 04/03/92			4th Qtr M-018E- 04/06/92			4th Qtr M-019A- 04/03/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)																		
Aluminum	1790			< 40.7			43.2	J	c	725	J	c	< 40.7			< 40.7	UJ	c
Antimony	< 37.5			43.3			< 37.5			42.7			< 37.5			< 37.5		
Arsenic	< 1.9			10.7			2.1	J	g	2.0			12.9			< 1.9	UJ	g
Barium	33.7			73.1			57.6			75.0			123			37.8		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	5780			326000			341000			417000			368000			209000		
Chromium	8.9			< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	< 3.8			< 3.8			21.5			< 3.8			< 3.8			< 3.8		
Iron	2660			25100			< 7.7			693			5760			< 7.7		
Lead	2.0	J	g	< 2.0	UJ	g	6.5			5.8			< 4.0	UJ	g	< 2.6		
Magnesium	4730			526000			803000			724000			836000			583000		
Manganese	40.3			2590			7.0			971			8900			< 1.0		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	3250			202000			299000	J	h	221000	J	h	252000			238000	J	h
Selenium	< 2.0			< 2.0	UJ	g	< 10.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	97300			5450000			8450000			6060000			8270000			6720000		
Thallium	< 1.7	UJ	g	< 3.4			< 8.5			< 3.4	UJ	g	< 6.8	UJ	g	< 3.4	UJ	g
Vanadium	< 6.0			11.5			< 6.0			6.0			< 6.0			11.1		
Zinc	7.8			< 4.6			< 4.6			< 4.6			< 4.6			5.1		

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Table 2 -Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	4th Qtr M-010A- 04/08/92			4th Qtr M-011A- 04/08/92			4th Qtr M-012A- 04/08/92			4th Qtr M-012A-DUP 04/08/92			4th Qtr M-013A- 04/07/92			4th Qtr M-014A- 04/07/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)																		
Aluminum	214			145			137			149			3290			42.7		
Antimony	< 37.5			50.8			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	2.2			7.0			2.1			< 1.9			22.3			2.2		
Barium	85.0			393			8.1			8.8			31.0			3.6		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	16400			299000			934			667			2610			889		
Chromium	< 6.3			< 6.3			6.4			< 6.3			15.6			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	< 3.8			< 3.8			24.8			15.0			5.4			24.1		
Iron	393			9180			209			278			4640			111	J	a
Lead	< 2.0	J	g	< 2.0	J	g	< 2.0	J	g	< 2.0			< 2.0	UJ	g	< 2.0		
Magnesium	26800			218000			739			557			3010			549		
Manganese	569			4280			12.3	UJ	a	6.6	UJ	a	38.0			2.4	UJ	a
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			13.4			< 13.2		
Potassium	15400			66200			3590			1800			3810			1350		
Selenium	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	717000			1780000			62200			59700			51000			14000		
Thallium	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7			< 1.7			< 1.7	UJ	g	< 1.7		
Vanadium	< 6.0			28.8			< 6.0			< 6.0			35.7			< 6.0		
Zinc	4.6			15.8			< 4.6			< 4.6			8.3			7.1		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-023E- 01/22/92			3rd Qtr M-024A- 02/03/92			3rd Qtr M-024E- 02/03/92		
PARAMETER REPORTED									
	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)									
Aluminum	66.5			125	UJ	a	55.5	UJ	a
Antimony	< 37.5			< 37.5			< 37.5		
Arsenic	36.6			3.9			22.8		
Barium	780			1050			861		
Beryllium	< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9		
Calcium	171000			171000	J	c	170000		
Chromium	< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2		
Copper	< 3.8			6			< 3.8		
Iron	17400			9460	J	c	36500		
Lead	< 6.5			< 1.3			< 1.3	UJ	g
Magnesium	723000			151000	J	c	160000		
Manganese	1730			794			2460		
Mercury	< 0.2			< 0.2	UJ	c	< 0.2		
Nickel	< 13.2			19.9	UJ	c	< 13.2		
Potassium	195000			76300	J	c	75400		
Selenium	< 10.0	J	g	< 2.0	UJ	g	< 2.0	UJ	g
Silver	5.9			< 4.8			< 4.8		
Sodium	7730000			1260000	J	c	1320000		
Thallium	< 8.5	UJ	g	< 8.5	UJ	g	< 1.7	UJ	g
Vanadium	< 6.0			22.1			16.6		
Zinc	< 4.6			16.8			7.2		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-021E- 01/21/92			3rd Qtr M-021E-DUP 01/21/92			3rd Qtr M-022A- 01/22/92			3rd Qtr M-022E- 01/21/92			3rd Qtr M-023A- 01/22/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	49.0			< 40.7			60.1			< 40.7			46.8		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	19.4			18.5			2.6			5.4			< 1.9		
Barium	112			103			434			267			149		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	220000			212000	J	c	315000			264000			334000		
Chromium	< 6.3			< 6.3	UJ	c	< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2	UJ	c	< 17.2			26.7			< 17.2		
Copper	11.3			9.8			18.6			< 3.8			< 3.8		
Iron	15700			12500			510			15200			235		
Lead	< 6.5			< 6.5			< 6.5			1.6	J	g	< 6.5		
Magnesium	765000			746000	J	c	594000			736000			710000		
Manganese	5530			5060			470			4430			89.0		
Mercury	< 0.2			< 0.2	UJ	c	< 0.2			< 0.2			0.2		
Nickel	< 13.2			< 13.2	UJ	c	< 13.2			21			< 13.2		
Potassium	207000			202000	J	c	200000			204000			235000		
Selenium	< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	7710000			7390000	J	c	6180000			6890000			7240000		
Thallium	< 8.5	UJ	g	< 8.5	UJ	c,g	< 8.5	UJ	g	< 8.5	UJ	g	< 8.5	UJ	g
Vanadium	< 6.0			< 6.0			6.4			< 6.0			< 6.0		
Zinc	< 4.6			19.5	UJ	c,f	< 4.6			8.5	UJ	a	< 4.6		

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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-019A- 01/20/92			3rd Qtr M-019E- 01/20/92			3rd Qtr M-020A- 01/21/92			3rd Qtr M-020E- 01/21/92			3rd Qtr M-021A- 01/21/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 40.7			< 40.7			< 40.7			56.2			< 40.7		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	< 9.5			< 9.5			< 1.9			10.1			< 1.9		
Barium	42.2			78.9			109			908			131		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	285000			308000			302000			233000			273000		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	5.5			22.6			< 3.8			6.1			< 3.8		
Iron	< 7.7			2990			471			16800			< 7.7		
Lead	< 6.5			< 6.5			< 6.5			< 6.5			< 6.5		
Magnesium	793000			831000			817000			809000			776000		
Manganese	< 1.0			7280			268			5810			124		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	20.7			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	297000			241000			302000			240000			301000		
Selenium	< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	8730000			8370000			9070000			7780000			8130000		
Thallium	< 8.5	UJ	g	< 8.5	UJ	g	< 8.5	UJ	g	< 8.5	UJ	g	< 8.5	UJ	g
Vanadium	< 6.0			< 6.0			< 6.0			< 6.0			< 6.0		
Zinc	< 4.6			169			< 4.6			80.8	J	f	< 4.6		

Qualifiers:

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g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-015A- 01/17/92			3rd Qtr M-016A- 01/20/92			3rd Qtr M-017A- 01/20/92			3rd Qtr M-018A- 01/20/92			3rd Qtr M-018E- 01/20/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	46.2			< 40.7			< 40.7			< 40.7			< 40.7		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	< 1.9			10.0			< 9.5			< 9.5			12.0		
Barium	10.7			107			59.6			82.0			96.7		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	4340			416000			314000			409000			349000		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	7.7			< 3.8			4.7			5.1			14.7		
Iron	42.7	UJ	a	20300			< 7.7			< 7.7			3710		
Lead	< 1.3			4.2			< 6.5			< 6.5			< 6.5		
Magnesium	4320			788000			763000			722000			834000		
Manganese	1.2			2030			15.6			113			7760		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	6270			267000			289000			225000			245000		
Selenium	< 2.1			< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	78300			8260000			8680000			6200000			8470000		
Thallium	< 1.7	UJ	g	< 8.5	UJ	g	< 8.5	UJ	g	< 8.5	UJ	g	< 8.5	UJ	g
Vanadium	6.4			< 6.0			< 6.0			< 6.0			< 6.0		
Zinc	< 4.6			6.3			< 4.6			< 4.6			24.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-010A- 01/16/92			3rd Qtr M-011A- 01/16/92			3rd Qtr M-012A- 01/17/92			3rd Qtr M-013A- 01/17/92			3rd Qtr M-014A- 01/16/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 40.7			45.0			55.3			< 40.7			447		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	< 1.9			7.3			2.7			31.5			< 1.9		
Barium	249			500			10.6			3.2			9.2		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	46500			370000			1070			620			2170		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	11.1			10.8			14.8			11.1			23.9		
Iron	< 7.7			10400			69.2			30.4	UJ	a	678		
Lead	< 1.3			< 1.3	UJ	g	< 1.3			< 1.3			2.5	UJ	a,g
Magnesium	95000			233000			1460			648			1570		
Manganese	1200			3900			3.4			1.1			13.2		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	38700			75600			3000			3320			7280		
Selenium	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0			< 2.0			< 2.1	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	1780000			1770000			73200			81400			23700		
Thallium	< 8.5	UJ	g	< 8.5	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7		
Vanadium	14.7			21.4			6.3			47.6			11.0		
Zinc	21.2			10.1			< 4.6			< 4.6			4.7		

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b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-022E-DUP 10/01/91			2nd Qtr M-023A- 10/01/91			2nd Qtr M-023E- 10/01/91			2nd Qtr M-024A- 10/11/91			2nd Qtr M-024E- 10/11/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 31.0			52.9			< 31.0			79.8			46		
Antimony	< 251			< 25.1			< 25.1			40.8			< 25.1		
Arsenic	5.8			< 10.4			27.2			< 10.4			20.8		
Barium	295			263			817			1210			677		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	246000			351000			156000			169000			146000		
Chromium	< 5.7			6			< 5.7			< 5.7			< 5.7		
Cobalt	22.4			< 6.1			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			< 2.1			26.6			18.2			3.7		
Iron	13800	J	g	2920			12500			14100			30400		
Lead	< 10.0	UJ	g	< 40.0			< 40.0			< 20.0	UJ	g	< 20.0		
Magnesium	652000			704000			670000			167000			133000		
Manganese	4070	J	g	195			1350			720			2180		
Mercury	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c
Nickel	16.3	J	f	< 13.2			< 13.2			17.8			< 13.2		
Potassium	181000			270000			207000			90500			74200		
Selenium	< 10.5	UJ	g	< 8.4	UJ	g	< 8.4	UJ	g	< 8.4	UJ	g	< 8.4	UJ	g
Silver	6.3			7			4.9			< 4.9			< 4.9		
Sodium	6070000			7130000			6720000			1190000			985000		
Thallium	< 13.5	UJ	g	< 27.0	UJ	g	< 27.0	UJ	g	< 10.8			< 10.8		
Vanadium	< 4.2			< 4.2			< 4.2			19.5			15.3		
Zinc	53			< 23.0			31.8			15.5	UJ	a	29.5		

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b = surrogate spike
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e = LCS
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h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-020E- 09/27/91			2nd Qtr M-021A- 09/30/91			2nd Qtr M-021E- 09/30/91			2nd Qtr M-022A- 10/01/91			2nd Qtr M-022E- 10/01/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 31.0			298			109			1550			50		
Antimony	< 251			< 251			< 25.1			< 25.1			< 25.1		
Arsenic	15.6			< 10.4			19.6			< 10.4			12.4		
Barium	72.7			504			115			470			291		
Beryllium	1.4			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	218000			271000			224000			319000			263000		
Chromium	< 5.7			< 5.7			< 5.7			8.5			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1			27.7		
Copper	< 2.1			9.2			17.3			4.6			19.3		
Iron	9300			559			13600			6970			15000		
Lead	< 40.0			< 40.0	UJ	g	< 40.0			< 40.0			< 40.0		
Magnesium	768000			725000			721000			585000			678000		
Manganese	5460			168			5410			461			4320		
Mercury	< 0.2			< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c
Nickel	< 13.2			< 13.2			< 13.2			17.7			29.8		
Potassium	233000			301000			197000			208000			205000		
Selenium	< 8.4	UJ	g	< 8.4	UJ	g	< 8.4	UJ	g	< 8.4	UJ	g	< 8.4	UJ	g
Silver	6.5			5.4			15.3			9.3			6.1		
Sodium	6600000			7570000			6560000			5760000			6150000		
Thallium	< 10.8	UJ	g	< 10.8	UJ	g	< 10.8	UJ	g	< 10.8	UJ	g	< 10.8	UJ	g
Vanadium	< 4.2			< 4.2			< 4.2			13.5			< 4.2		
Zinc	26.8			237			91.3			6.8	UJ	a	82.4		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
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g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-018E- 09/26/91			2nd Qtr M-019A- 09/27/91			2nd Qtr M-019A-DUP 09/27/91			2nd Qtr M-019E- 09/27/91			2nd Qtr M-020A- 09/27/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	42.3			2680			220			40.7			< 31.0		
Antimony	< 251			< 251			< 251			< 251			< 251		
Arsenic	8.6			< 10.4			< 10.4			10.4			< 10.4		
Barium	79.4			58.6			43.3			70.4			90.5		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	321000			271000			277000			289000			276000		
Chromium	< 5.7			11.3			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			6.5			< 6.1		
Copper	< 2.1			3.3			2.3			< 2.1			< 2.1		
Iron	4300			4020			214			4470			890		
Lead	< 10.0	UJ	g	< 40.0	UJ	g	< 20.0	UJ	g	< 40.0	UJ	g	< 40.0	UJ	g
Magnesium	795000			769000			790000			808000			774000		
Manganese	7090			8.9			< 9.0			6910			259		
Mercury	0.3			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			17.4			< 13.2			< 13.2			< 13.2		
Potassium	238000			306000			320000			240000			314000		
Selenium	< 10.5	UJ	g	< 8.4	UJ	g	< 8.4	UJ	g	< 8.4	UJ	g	< 8.4	UJ	g
Silver	7.2			6.5			< 4.9			6.7			< 4.9		
Sodium	7200000			7710000			6670000			6760000			7820000		
Thallium	< 2.7	UJ	g	< 10.8	UJ	c	< 10.8	UJ	c	< 10.8	UJ	g	< 10.8	UJ	g
Vanadium	< 4.2			< 4.2			< 4.2			< 4.2			< 4.2		
Zinc	< 2.3			< 2.3			< 23.0			< 2.3			< 2.3		

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b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-014A- 09/25/91			2nd Qtr M-015A- 09/25/91			2nd Qtr M-016A- 09/26/91			2nd Qtr M-017A- 09/26/91			2nd Qtr M-018A- 09/26/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	53400			171			49.8			43.9			2740		
Antimony	< 25.1			< 25.1			< 251	UJ	c	< 251			< 251		
Arsenic	4.6	J	g	< 2.6			5			< 2.6			< 2.6		
Barium	364			3.9			108	J	c	68.1			83.5		
Beryllium	< 1.3			< 1.3			< 1.3	UJ	c	< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0	J	c	< 3.0			< 3.0		
Calcium	14600			2050			389000	J	c	298000			378000		
Chromium	238			< 5.7			< 5.7	UJ	c	< 5.7			11.7		
Cobalt	70.8			< 6.1			< 6.1	UJ	c	< 6.1			< 6.1		
Copper	55.1			2.1			< 2.1	UJ	c	4			6.1		
Iron	86400			1650			16600	J	c	250			5120		
Lead	39.8			2.1			< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g
Magnesium	26800			1940			752000	J	c	748000			669000		
Manganese	1780			14.1			2060	J	c	102			104		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	283			< 13.2			< 13.2	UJ	c	< 13.2			23.2		
Potassium	15100			3340			255000	J	c	290000			226000		
Selenium	< 2.1	UJ	g	< 2.1			< 10.5	UJ	g	< 10.5	UJ	g	< 10.5	UJ	g
Silver	< 4.9			< 4.9			6.7			5.6			< 4.9		
Sodium	37100			51100			7030000	J	c	7340000			5620000		
Thallium	< 2.7			< 2.7			< 2.7	UJ	g	< 2.7	UJ	g	< 2.7	UJ	g
Vanadium	148			< 4.2			< 4.2	UJ	c	< 4.2			< 4.2		
Zinc	188			5.7			< 2.3			< 23.0			< 2.3		

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d = holding time
e = LCS
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g = post-digestion spike recovery
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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-010A- 09/25/91			2nd Qtr M-010A-DUP 09/25/91			2nd Qtr M-011A- 09/24/91			2nd Qtr M-012A- 09/24/91			2nd Qtr M-013A- 09/24/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	128			35.1			< 31.0			119			121		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	< 2.6			< 2.6			12.7			3.5			40.7		
Barium	542			482			598			5.9			3.7		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	83000			76900			299000			1090			1370		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			< 2.1			< 2.1			3.4			3.4		
Iron	114			124			18400			195			215		
Lead	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0			2.5		
Magnesium	192000			177000			291000			1440			1380		
Manganese	2410			2220			5990			14.2			8.2		
Mercury	< 0.2			0.5			< 0.2\			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2\			< 13.2			< 13.2		
Potassium	59200			56700			91900			3030			2600		
Selenium	< 2.1	UJ	g	< 10.5	UJ	g	< 2.1	UJ	g	< 2.1			< 2.1		
Silver	< 4.9			< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	2640000			2590000			2350000			69200			94900		
Thallium	< 2.7			< 2.7			< 2.7			< 2.7			< 2.7		
Vanadium	15			17.7			19.9			8.7			46.4		
Zinc	< 2.3			< 2.3			7.9			4.9			4.3		

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c = matrix spike
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e = LCS
f = replicate
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Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled PARAMETER REPORTED
METALS (ug/L)
Aluminum
Antimony
Arsenic
Barium
Beryllium
Cadmium
Calcium
Chromium
Cobalt
Copper
Iron
Lead
Magnesium
Manganese
Mercury
Nickel
Potassium
Selenium
Silver
Sodium
Thallium
Vanadium
Zinc

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	1st Qtr M-022E- 07/08/91			1st Qtr M-023A- 07/01/91			1st Qtr M-023E- 07/01/91			1st Qtr M-024A- 07/18/91			1st Qtr M-024E- 07/18/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	260			< 31.0			< 31.0			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	4.3			44.9			< 2.6			< 2.6	UJ	g	9.0		
Barium	375			298			792			1220			633		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	234000			347000	J	c	156000	J	c	184000			168000		
Chromium	< 5.7			< 5.7			< 5.7			6.0			5.7		
Cobalt	16.7			< 6.1			< 6.1			< 6.1			6.4		
Copper	16.4			< 2.1			< 2.1			13.5			24.0		
Iron	5750			554			19700			14000			18000		
Lead	< 10.0			< 10.0			< 10.0	UJ	g	< 2.0	UJ	g	< 2.0		
Magnesium	684000			647000	J	c	710000			157000			156000		
Manganese	4270			307			1690			888			2630		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	17.7			< 13.2			< 13.2			< 13.2			14.3		
Potassium	187000			220000	J	c	214000	J	c	82100			79400		
Selenium	< 21.0			< 21.0			< 21.0			< 2.1			< 2.1		
Silver	< 4.9			< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	5820000			6360000			6950000			1100000			1070000		
Thallium	< 27.0			< 27.0			< 27.0			< 2.7			< 2.7		
Vanadium	< 4.2			< 4.2			< 4.2			16.1			10.4		
Zinc	9.2			< 2.3			< 2.3			< 2.3			84.3		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	1st Qtr M-021A- 07/02/91			1st Qtr M-021A-DUP 07/02/91			1st Qtr M-021E- 07/02/91			1st Qtr M-022A- 07/02/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	< 31.0			< 31.0			< 31.0			< 31.0		
Antimony	< 25.1			< 502			< 25.1			< 25.1		
Arsenic	< 2.6			2.7			15.5			3.0		
Barium	185			175			126			443		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	287000	J	c	287000			216000	J	c	277000	J	c
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			< 2.1			< 2.1			< 2.1		
Iron	45.4	UJ	a	81.9			9650			473		
Lead	19.5	J	c	< 10.0	UJ	g	10.5			< 2.0		
Magnesium	775000	J	c	778000			736000	J	c	485000	J	c
Manganese	165			161			5700			244		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	310000	J	c	303000			202000	J	c	177000	J	c
Selenium	< 10.5			< 21.0	UJ	c	< 10.5			< 10.5		
Silver	< 4.9			5.1			5.8			< 4.9		
Sodium	8640000			8920000			6450000			5270000		
Thallium	< 27.0			< 27.0			< 27.0			< 27.0		
Vanadium	< 4.2			< 4.2			< 4.2			< 4.2		
Zinc	< 2.3			< 46.0			13.8			< 2.3		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	1st Qtr M-019E- 07/17/91			1st Qtr M-020A- 07/10/91			1st Qtr M-020A-DUP 07/10/91			1st Qtr M-020E- 07/10/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	61.9			121			348			93.5		
Antimony	< 25.1			< 25.1			< 25.1			< 251		
Arsenic	3.2			< 2.6			< 13.0			< 2.6	UJ	g
Barium	97			85.6			109			64.9		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	264000			241000			278000			235000		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1		
Copper	30.8			15.1			22			28.9		
Iron	671			153			408			1600		
Lead	< 10.0			< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g
Magnesium	741000			661000			754000			819000		
Manganese	6170			257			330			6010		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	208000			239000			272000			243000		
Selenium	< 10.5			< 10.5			< 10.5	UJ	c	< 10.5		
Silver	< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	5050000			5450000			6360000			4550000		
Thallium	< 13.5			< 13.5			< 13.5			< 13.5		
Vanadium	< 4.2			< 4.2			< 4.2			< 4.2		
Zinc	< 2.3			< 23.0			< 23.0			< 2.3		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	1st Qtr M-016A- 07/11/91			1st Qtr M-017A- 07/08/91			1st Qtr M-018A- 07/11/91			1st Qtr M-018E- 07/11/91			1st Qtr M-019A- 07/11/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	36.2			64.1			249			85.9			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 251			< 25.1		
Arsenic	10.8			2.6			< 2.6			9.1			< 2.6		
Barium	64.4			45.9			70.8			79.3			37.5		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	247000			278000			367000			298000			216000		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1			< 6.1		
Copper	9.3			35.7			42.1			24			16.9		
Iron	9890			26.2	UJ	a	282			509			< 6.2		
Lead	< 2.0	UJ	g	118			< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g
Magnesium	467000			687000			661000			753000			597000		
Manganese	2650			70.8			343			6910			< 0.9		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	168000			265000			220000			216000			244000		
Selenium	< 10.5			< 10.5			< 10.5			< 10.5			< 10.5		
Silver	< 4.9			< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	4450000			5500000			4130000			6230000			5720000		
Thallium	< 13.5			< 27.0			< 13.5			< 13.5			< 13.5		
Vanadium	< 4.2			< 4.2			< 4.2			< 4.2			< 4.2		
Zinc	< 2.3			< 2.3			< 2.3			< 2.3			< 23.0		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	1st Qtr M-014A- 06/20/91			1st Qtr M-014A-DUP 06/20/91			1st Qtr M-015A- 07/18/91			1st Qtr M-015A-DUP 07/18/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	43.0			51.0			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	< 2.6			< 2.6			< 2.6	UJ	g	< 2.6		
Barium	7.2			5.5			10.8	UJ	a	9.8	UJ	a
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	2760	UJ	a	1940	UJ	a	6300			6100		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	6.7			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			< 2.1			20.3			6.1		
Iron	53.6			75.8			8.9	UJ	a	12.6	UJ	a
Lead	< 2.0			< 2.0			< 2.0			< 2.0		
Magnesium	1840			1350			5610			5970		
Manganese	2.2			1.8			5.4			3.3		
Mercury	< 0.2	UJ	g	< 0.2	UJ	g	< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	3480	UJ	a	2890	UJ	a	8860			6270		
Selenium	< 2.1			< 2.1			< 2.1			< 2.1		
Silver	< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	32100	J	c	28700	J	c	92600			95400		
Thallium	< 2.7			< 2.7			< 2.7			< 2.7		
Vanadium	< 4.2			5.7			< 4.2			< 4.2		
Zinc	3.9	UJ	a,f	4.0	UJ	a,c	3.9	UJ	a	2.9	UJ	a

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a = method blank
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e = LCS
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h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	1st Qtr M-010A- 06/19/91			1st Qtr M-011A- 06/28/91			1st Qtr M-012A- 06/25/91			1st Qtr M-013A- 07/11/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	< 31.0			< 31.0			90.2			32.6		
Antimony	26.0			< 25.1			< 25.1			< 25.1		
Arsenic	< 2.6			10.7			3.4			36.0		
Barium	388			416			8.7			7.7		
Beryllium	1.5			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	58200			232000	J	c	634	J	c	911		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			< 2.1			3.5			14.1		
Iron	< 6.2			13000			181			61.8		
Lead	< 10.0			< 2.0			< 2.0			< 2.0		
Magnesium	128000			227000	J	c	661	J	c	849		
Manganese	1590			4520			2.9			4.6		
Mercury	< 0.2	UJ	g	< 0.2			< 0.2	UJ	g	< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	43400			78000	J	c	1830	J	c	3520		
Selenium	< 2.1			< 2.1			< 2.1			< 2.1		
Silver	< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	1910000	UJ	c	2150000	J	c	62500			92000		
Thallium	< 2.7	UJ	g	< 2.7			< 2.7			< 2.7		
Vanadium	13.7			14.3			4.3			34.7		
Zinc	17.0	UJ	a	47.5			6.4			4.7		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	4th Qtr M-001B- 03/27/92			4th Qtr M-007C- 04/09/92			4th Qtr M-025C- 04/08/92			4th Qtr M-027B- 04/07/92			4th Qtr M-027C- 04/06/92			4th Qtr M-027C-DUP 04/06/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)																		
Aluminum	44.6			54.9			< 40.7			61.7			44.7			< 40.7		
Antimony	< 37.5			< 37.5			< 37.5			48.2			< 37.5			< 37.5		
Arsenic	< 9.5	UJ	g	3.1			2.1			27.4			4.6			4.3	J	c
Barium	97.9			90.4			173			414			86			87.9		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9			< 3.9	UJ	c
Calcium	423000			476000			89600			238000			323000			332000	J	c
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	< 3.8			23.8			4.4			< 3.8			23.3			12.3		
Iron	< 7.7			1340			3840			6330			418			376		
Lead	2.2			< 2.0	UJ	g	< 2.0			< 2.0	UJ	g	< 2.0			< 2.0	UJ	g
Magnesium	785000			751000			156000			483000			659000			679000	J	c
Manganese	6220			7600			1720			4970			5180			5330		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	13.8			< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	99600	J	h	50900			57300			54300			87300			89500		
Selenium	< 10.0	UJ	g	< 2.0			< 2.0			< 2.0			< 2.0	UJ	g	< 2.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	4470000			3890000			1150000			3190000			3990000			4030000	J	c
Thallium	< 8.5	UJ	g	< 1.7			< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g
Vanadium	< 6.0			< 6.0			15.3			16.4			< 6.0			< 6.0		
Zinc	77			250			70.4			216			380			398		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 1 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-027B- 01/31/92			3rd Qtr M-027C- 01/31/92		
PARAMETER REPORTED						
	Results	Val	Com	Results	Val	Com
METALS (ug/L)						
Aluminum	66.5	UJ	a	57.5		
Antimony	< 37.5			< 37.5		
Arsenic	21.2			3.6		
Barium	348			98.4		
Beryllium	< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9		
Calcium	249000			328000		
Chromium	< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2		
Copper	< 3.8			5		
Iron	5260			1050		
Lead	< 1.3			< 2.6		
Magnesium	519000			690000		
Manganese	5260			5450		
Mercury	< 0.2			< 0.2		
Nickel	< 13.2			< 13.2		
Potassium	58800			88200		
Selenium	< 10.0	UJ	g	< 10.0		
Silver	5.8			< 4.8		
Sodium	3360000			4070000		
Thallium	< 17.0	UJ	g	< 17.0	UJ	g
Vanadium	8.1			< 6.0		
Zinc	47.0			15.7		

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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 1 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-001B- 01/14/92			3rd Qtr M-007C- 02/05/92			3rd Qtr M-007C-DUP 02/05/92			3rd Qtr M-025C- 02/03/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	55.2			199	UJ	a,f	200	UJ	a	46.0	J	a,f
Antimony	< 37.5			< 37.5			189			< 37.5		
Arsenic	1.9			< 3.8	UJ	g	5.2			< 1.9	UJ	g
Barium	88.7			88.7	J	f	79.9	J	c	219	J	f
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	435000			468000			446000	J	c	93400		
Chromium	< 6.3			< 6.3			< 6.3	UJ	c	< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2	UJ	c	< 17.2		
Copper	10.3			< 3.8			< 3.8	UJ	c	< 3.8		
Iron	< 7.7			1420	J	f	1170	J	c	4640	J	f
Lead	< 6.5			12.9	UJ	a	3.4			< 1.3	UJ	g
Magnesium	804000			757000			668000	J	c	165000		
Manganese	6410			7740	J	f	7200	J	c	1790	J	f
Mercury	< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2	UJ	c	< 13.2		
Potassium	104000			47700			43200			59800		
Selenium	< 10.5	UJ	g	< 2.0	UJ	g	< 10.0	UJ	g,c	< 10.0		
Silver	4.9			< 4.8			15.2			< 4.8		
Sodium	4900000			4060000			3480000	J	c	1160000		
Thallium	< 8.5	UJ	g	< 8.5	UJ	g	< 8.5	UJ	g	< 1.7	UJ	g
Vanadium	< 6.0			< 6.0			22.7			8.1		
Zinc	14.8			26.4			5.0			14.7		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results For "B" and "C" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-027B- 10/03/91			2nd Qtr M-027B-DUP 10/03/91			2nd Qtr M-027C- 10/03/91		
PARAMETER REPORTED									
	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)									
Aluminum	74.6			50.6			50.4		
Antimony	< 25.1			< 25.1			< 25.1	UJ	c
Arsenic	12.8			17.8			< 10.4	UJ	g
Barium	345			346			96.4	J	c
Beryllium	< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0	UJ	c
Calcium	232000			228000			315000	J	c
Chromium	< 5.7			< 5.7			< 5.7	UJ	c
Cobalt	< 6.1			< 6.1			< 6.1	UJ	c
Copper	29.5			14.2			45.8	J	c
Iron	3350			3590			2520	J	c
Lead	< 20.0			< 2.0			< 20.0		
Magnesium	476000			469000			659000	J	c
Manganese	4740			4720			5180	J	c
Mercury	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c
Nickel	< 13.2			< 13.2			< 13.2	UJ	c
Potassium	56800			54700			89400	J	c
Selenium	< 8.4			< 10.5			< 8.4		
Silver	6.0			< 4.9			5.1		
Sodium	2850000			2910000			3890000		
Thallium	< 10.8	UJ	g	< 13.5			< 10.8	UJ	g
Vanadium	< 4.2			< 4.2			< 4.2	UJ	c
Zinc	41.9			48.3			< 2.3		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable d

Table 2 - Site 1 - Groundwater Analytical Results For "B" and "C" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-001B- 09/19/91			2nd Qtr M-001B-DUP 09/19/91			2nd Qtr M-007C- 09/23/91			2nd Qtr M-025C- 10/02/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	35.2			< 31.0			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1	UJ	c	< 25.1			< 25.1		
Arsenic	< 2.6			< 2.6			3.5			< 10.4		
Barium	116			81.7			105			264		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	403000			417000	J	c	481000			102000		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1	UJ	c	< 6.1			< 6.1		
Copper	< 2.1			< 2.1			< 2.1			36.7		
Iron	77.4			122			501			2850		
Lead	< 2.0	UJ	g	< 2.0	UJ	g	< 20.0			< 20.0		
Magnesium	746000			762000	J	c	763000			168000		
Manganese	6270			6170	J	c	7700			1720		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2	UJ	c
Nickel	< 13.2			13.4	J	c	< 13.2			< 13.2		
Potassium	95900			108000	J	c	51000			62800		
Selenium	< 10.5	UJ	g	< 10.5	UJ	g	< 2.1			< 8.4		
Silver	5			< 4.9			< 4.9			< 4.9		
Sodium	4230000			4740000	J	c	4330000			993000		
Thallium	< 13.5			< 2.7			< 2.7	UJ	g	< 10.8	UJ	g
Vanadium	< 4.2			< 4.2	UJ	c	< 4.2			11.3		
Zinc	< 2.3			< 2.3	UJ	c	< 2.3			5.1	UJ	a

Qualifiers:

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	1st Qtr M-027C- 06/26/91		
PARAMETER REPORTED			
	Results	Val	Com
METALS (ug/L)			
Aluminum	< 31.0		
Antimony	< 25.1		
Arsenic	4.3		
Barium	126		
Beryllium	< 1.3		
Cadmium	< 3.0		
Calcium	329000	J	c
Chromium	< 5.7		
Cobalt	< 6.1		
Copper	2.7		
Iron	1060		
Lead	< 10.0	UJ	g
Magnesium	695000	J	c
Manganese	5270		
Mercury	< 0.2	UJ	g
Nickel	< 13.2		
Potassium	91200	J	c
Selenium	< 10.5		
Silver	5.7		
Sodium	3860000		
Thallium	< 13.5	UJ	g
Vanadium	< 4.2		
Zinc	205		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytic... Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	1st Qtr M-001B- 06/18/91			1st Qtr M-007C- 07/02/91			1st Qtr M-025C- 06/28/91			1st Qtr M-027B- 06/26/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	< 31.0			34.1			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	2.8			4.5			2.8			26.1		
Barium	87.1			78.3			267			349		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	414000			444000	J	c	92400			234000	J	c
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	15.6			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			< 2.1			< 2.1			< 2.1		
Iron	< 6.2			970			4590			5050		
Lead	< 10.0			< 4.0			< 2.0			< 10.0		
Magnesium	742000			718000	J	c	161000			486000	J	c
Manganese	5730			7340			1650			4660		
Mercury	< 0.2	UJ	g	< 0.2			< 0.2			< 0.2	UJ	g
Nickel	< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	97400			46000	J	c	55700			56200	J	c
Selenium	< 10.5			< 10.5			< 2.1			< 2.1		
Silver	< 4.9			5.6			< 4.9			< 4.9		
Sodium	5890000	J	c	3940000			1030000			2990000		
Thallium	< 13.5	UJ	g	< 13.5			< 13.5			< 13.5	UJ	g
Vanadium	< 4.2			< 4.2			10.1			< 4.2		
Zinc	15.1	UJ	a	39.3			62.7			57.6		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 -Site 1 -Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	4th Qtr M-027E- 03/26/92			4th Qtr M-028A- 04/27/92			4th Qtr M-028A-DUP 04/27/92			4th Qtr M-028E- 04/27/92			4th Qtr M-029A- 03/27/92			4th Qtr M-029E- 03/27/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (µg/L)																		
Aluminum	< 40.7			< 40.7			< 40.7			< 40.7			< 40.7			< 40.7		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	6.0			3.5	UJ	a,g	4.5	UJ	a,g	9.5			< 1.9			< 1.9		
Barium	96.7			195			195			186			205			250		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	32100			84400			83400			69200			34900			16300		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	< 3.8			4.3			< 3.8			< 3.8			< 3.8			< 3.8		
Iron	41.1			6770	J	f	6870	J	f	2020	J	f	50.4			32.5		
Lead	2.5	J	g	< 2.0			< 2.0			< 2.0			4.9			< 1.3		
Magnesium	54400			44800			43400			73800			44500			34300		
Manganese	432			527			517			538			115			36.4		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	39200	J	h	35600			32900			45700			27200	J	h	27600	J	h
Selenium	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0			< 2.0		
Silver	< 4.8			< 4.8			< 4.8		c	< 4.8			< 4.8			< 4.8		
Sodium	925000			123000			119000			833000			186000			236000		
Thallium	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	c,g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g
Vanadium	11.5			< 6.0			< 6.0			7.1			< 6.0			< 6.0		
Zinc	< 4.6			< 4.6	UJ	f	< 4.6	UJ	f	< 4.6	UJ	f	< 4.6			< 4.6		

Qualifiers:

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J = Qualified, estimated value
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< = Analyte reported below detection

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a = method blank
b = surrogate spike
c = matrix spike
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e = LCS
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h = laboratory indicated questionable data

Table 2 -Site 1 -Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	4th Qtr M-025A- 03/31/92			4th Qtr M-025A-DUP 03/31/92			4th Qtr M-025E- 03/31/92			4th Qtr M-026A- 03/26/92			4th Qtr M-026E- 03/26/92			4th Qtr M-027A- 03/26/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (µg/L)																		
Aluminum	< 40.7			< 40.7			< 40.7			< 40.7			< 40.7			< 40.7		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	< 1.9			< 1.9			13.9			6.2			3.8			2.4		
Barium	42.0			42.2			19.4			28.7			74.6			216		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	23800			25500			18200			34300			54100			184000		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	< 3.8			< 3.8			4.7			7.2			< 3.8			< 3.8		
Iron	98.3			64.2			44.1			15.8			24.8			1730		
Lead	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Magnesium	57100			60800			44500			39800			81700			59100		
Manganese	45.6			49.5			398			93.5			421			977		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			1.3		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	40200	J	h	43200	J	h	28000	J	h	30800	J	h	49200	J	h	53200	J	h
Selenium	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	979000			1090000			680000			367000			1160000			216000		
Thallium	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g
Vanadium	< 6.0			7.3			6.2			14.1			9.9			8.5		
Zinc	< 4.6			< 4.6			8.1			14.3			< 4.6			7.8		

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 -Site 1 -Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	4th Qtr M-004A- 04/13/92			4th Qtr M-005A- 04/09/92			4th Qtr M-006A- 04/09/92			4th Qtr M-007A- 04/10/92			4th Qtr M-008A- 04/22/92			4th Qtr M-009A- 04/23/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (µg/L)																		
Aluminum	109			193			< 40.7			< 40.7			3330			< 40.7		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	3.1			7.0			2.0			10.5			5.8			< 2.5		
Barium	55.3			37.8			93.2			11.9			43.5			166		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	108000			32400			57400			11600			3260			26900		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			14.2			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	< 3.8			< 3.8			< 3.8			< 3.8			11.5			< 3.8		
Iron	119			574			1310			188			4850	J	f	42.9	J	f
Lead	< 2.0			< 2.0	UJ	g	< 2.0	UJ	g	< 2.0			2.0	UJ	a	< 2.0		
Magnesium	68100			28600			18600			7310			4590			27300		
Manganese	286			524			1640			359			187			331		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			30.8			< 13.2			15.5			< 13.2		
Potassium	31300			23000			11700			6910			9800			22800		
Selenium	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0	UJ	g	< 2.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	369000			229000			102000			79100			50300			693000		
Thallium	< 1.7			< 1.7	UJ	g	< 1.7	UJ	g	< 1.7			< 1.7			< 1.7		
Vanadium	8.9			< 6.0			< 6.0			< 6.0			10.5			< 6.0		
Zinc	< 4.6			4.9			< 4.6			< 4.6			18.7	J	f	17.3	J	f

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 -Site 1 -Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	4th Qtr M-001A- 03/26/92			4th Qtr M-001E- 03/27/92			4th Qtr M-002A- 03/30/92			4th Qtr M-002E- 03/30/92			4th Qtr M-003A- 04/10/92			4th Qtr M-003A-DUP 04/13/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (µg/L)																		
Aluminum	43.0			< 40.7			41.2			62.9			181			165		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	< 1.9			< 1.9			< 1.9			< 1.9			2.3	J	g	< 1.9		
Barium	254			99.4			109			71.7			54.4			47.6		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	62600			4870			179000			184000			128000			110000		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	< 3.8			< 3.8			< 3.8			< 3.8			< 3.8			< 3.8		
Iron	689			85.2			191			< 7.7			221			256		
Lead	1.8			< 1.3			< 1.3			< 1.3			< 2.0	UJ	c	9.5		
Magnesium	26800			5090			76700			168000			14300			69700		
Manganese	238			34.3			265			31.9			25.1			233		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	19600	J	h	38800	J	h	19600	J	h	53000	J	h	3720			32000		
Selenium	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0			< 10.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	138000			602000			490000			1570000			20100			402000	J	c
Thallium	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7			< 1.7		
Vanadium	< 6.0			< 6.0			13.1			20.7			< 6.0			9.0	J	f
Zinc	13.3			< 4.6			< 4.6			7.8			< 4.6			< 4.6		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-028E- 02/04/92			3rd Qtr M-029A- 02/04/92			3rd Qtr M-029E- 02/04/92		
PARAMETER REPORTED									
	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)									
Aluminum	< 40.7			66.7	UJ	a,f	55.0	UJ	a,f
Antimony	< 37.5			< 37.5			< 37.5		
Arsenic	11.7			< 1.9			< 1.9		
Barium	286			196	J	f	316	J	f
Beryllium	< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9		
Calcium	87200			24800			17500		
Chromium	< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2		
Copper	6.7			< 3.8			4.9		
Iron	2750			84.8	UJ	a	45.9	UJ	a,f
Lead	< 1.3			< 1.3	UJ	g	< 1.3	UJ	g
Magnesium	77400			49500			38300		
Manganese	547			86.8	J	f	51.8	J	f
Mercury	< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2		
Potassium	45200			31800			36800		
Selenium	< 2.0	UJ	g	< 2.0			< 2.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8		
Sodium	479000			207000			352000		
Thallium	< 1.7			< 1.7	UJ	g	< 1.7	UJ	g
Vanadium	8.6			< 6.0			< 6.0		
Zinc	5.1			< 4.6			6.1		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-026E- 01/23/92			3rd Qtr M-026E-DUP 01/23/92			3rd Qtr M-027A- 01/31/92			3rd Qtr M-027E- 01/31/92			3rd Qtr M-028A- 02/04/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 40.7			< 40.7			47.6	UJ		58.0	UJ	a	43.2	UJ	a
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	5.2			5.8			5.3			5.5			6.6		
Barium	204			206			166			129			239		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	156000			158000			91800			74700			73100		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	5.3			< 3.8			< 3.8			< 3.8			4.4		
Iron	1250			1680			282			374			7260		
Lead	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Magnesium	246000			247000			47300			186000			35000		
Manganese	1120			1110			569			1620			370		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	85400			84500			47600			75200			32700		
Selenium	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g	< 2.07		
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	2180000			2050000			334000			2330000			103000		
Thallium	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 8.5	UJ	g	< 1.7	UJ	g
Vanadium	13.8			12.2			8.4			18.5			< 6.0		
Zinc	< 4.6			< 4.6			7.5			< 4.6			12.9		

Qualifiers:

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R = Qualified, not usable
< = Analyte reported below detection limit

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-008A- 01/15/92			3rd Qtr M-009A- 02/07/92			3rd Qtr M-025A- 01/23/92			3rd Qtr M-025E- 01/23/92			3rd Qtr M-026A- 01/23/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	42.7			68.2	UJ	a	52.8			53.8			< 40.7		
Antimony	< 37.5			< 37.5			63.9			< 37.5			< 37.5		
Arsenic	5.5			< 1.9			< 1.9			15.8			5.8		
Barium	12.8			47.6			41.2			34.1			27.0		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	2790			16900			91400			26500			44500		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	10.5			9.1			4.7			6.0			9.0		
Iron	21.9	UJ	a	118	UJ	a	322			397			< 7.7		
Lead	< 1.3			< 1.3			< 1.3	UJ	g	< 1.3			< 1.3		
Magnesium	3040			6770			257000			66600			116000		
Manganese	87.5			118			141			561			5.1		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	9300			8660			101000			40100			54600		
Selenium	< 2.0			< 2.0			< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g
Silver	< 4.8			< 4.8			4.9			< 4.8			< 4.8		
Sodium	46400			168000			2750000			982000			979000		
Thallium	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g
Vanadium	7.5			< 6.0			17.7			7.8			16.8		
Zinc	6.3			13.1			< 4.6			< 4.6			4.6	UJ	a

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e = LCS
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g = post-digestion spike recovery
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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-004A- 01/15/92			3rd Qtr M-005A- 01/15/92			3rd Qtr M-006A- 01/15/92			3rd Qtr M-007A- 01/15/92			3rd Qtr M-007A-DUP 01/15/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 40.7			< 40.7			< 40.7			< 40.7			< 40.7		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	2.1			9.0			2.4			13.9			12.2		
Barium	86.7			56.0			50.0			14.3			14.6		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	109000			47500			33800			15800			16300		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	< 3.8			5.2			< 3.8			6.7			8.2		
Iron	14.3	UJ	a	69.3			72.2			242			212		
Lead	1.7	UJ	a,g	< 1.3			< 1.3			< 1.3			< 1.3		
Magnesium	70400			43300			15400			10600			10900		
Manganese	445			645			691			533			538		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	40700			31200			16300			8190			9590		
Selenium	< 2.1	UJ	g	< 2.0	UJ	g	< 2.1			< 2.0			< 2.1		
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	472000			244000			158000			63100			68600		
Thallium	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g
Vanadium	17.0			11.3			< 6.0			11.9			14.4		
Zinc	< 4.6			< 4.6			< 4.6			7.4			8.5		

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h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-001A- 01/14/92			3rd Qtr M-001E- 01/14/92			3rd Qtr M-002A- 01/14/92			3rd Qtr M-002E- 01/14/92			3rd Qtr M-003A- 01/15/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 40.7			< 40.7			< 40.7			48.2			< 40.7		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	< 1.9			3.9			< 1.9			< 1.9			< 1.9		
Barium	390			61.2			90.8			97.9			185		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	56400			7700			124000			322000			84600		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	4.4			4.5			14.5			20.2			12.5		
Iron	131			36.1	UJ	a	< 7.7			< 7.7			11.7	UJ	a
Lead	< 1.3			1.6			2.6	UJ	a,g	< 1.3			2.5	UJ	a,g
Magnesium	31200			13900			78800			281000			29500		
Manganese	314			46.6			93.7			84.2			43.2		
Mercury	< 0.2			< 0.2	UJ	c	< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	25900			48100			24600			84700			17300		
Selenium	< 2.0			< 2.0	UJ	g	< 2.1	UJ	g	< 2.0	UJ	g	< 2.1		
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	201000			821000			433000			2460000			70100		
Thallium	< 1.7	UJ	c,g	< 8.5	UJ	g	< 1.7	UJ	g	< 8.5	UJ	g	< 1.7	UJ	g
Vanadium	< 6.0			6.3			12.0			20.5			9.9		
Zinc	< 4.6			< 4.6			46.3			< 4.6			< 4.6		

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e = LCS
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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-029A- 10/10/91			2nd Qtr M-029E- 10/10/91			2nd Qtr M-029E-DUP 10/10/91		
PARAMETER REPORTED									
	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)									
Aluminum	< 31.0			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1		
Arsenic	< 2.6			< 2.6			< 2.6		
Barium	153			411			377		
Beryllium	< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0		
Calcium	19000			20700			24300		
Chromium	< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1		
Copper	< 2.1			5.5			< 2.1		
Iron	874			3750			1040		
Lead	< 2.0			< 2.0			< 2.0		
Magnesium	40600			41800			49000		
Manganese	64.7			113			134		
Mercury	0.3			< 0.2	UJ	c	< 0.2		
Nickel	< 13.2	UJ	f	< 13.2	UJ	f	< 13.2	UJ	f
Potassium	32800			41200			41800		
Selenium	< 2.1	UJ	g	< 2.1	UJ	g	< 2.1	UJ	g
Silver	< 4.9			< 4.9			< 4.9		
Sodium	153000			415000			476000		
Thallium	< 2.7	UJ	g	< 2.7	UJ	g	< 2.7	UJ	g
Vanadium	< 4.2			< 4.2			4.8		
Zinc	4.0	UJ	a	7.7	UJ	f	7.2	UJ	f

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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-026E- 10/02/91			2nd Qtr M-027A- 10/03/91			2nd Qtr M-027E- 10/03/91			2nd Qtr M-028A- 10/11/91			2nd Qtr M-028E- 10/11/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	45.6			42.4			< 31.0			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	< 10.4			< 10.4			6.3			22.1			12.8		
Barium	185			140			126			388			203		
Beryllium	< 1.3			< 1.3			< 1.3			1.7			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	120000			88900			70800			132000			56500		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1			< 6.1		
Copper	18.9			16.8			21.7			5.1			3.2		
Iron	1010			887			913			37500			1720		
Lead	< 20.0			< 20.0			< 2.0	UJ	g	< 2.0			3.2		
Magnesium	186000			42400			181000			32400			59400		
Manganese	618			482			1670			1330			495		
Mercury	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2	UJ	c	< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2	UJ	f	< 13.2	UJ	f	< 13.2	UJ	f
Potassium	88600			53900			79500			64900			41300		
Selenium	< 8.4			< 8.4	UJ	g	< 2.1	UJ	g	< 2.1	UJ	g	< 2.1	UJ	g
Silver	< 4.9			< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	1750000			264000			2230000			80300			547000		
Thallium	< 10.8	UJ	g	< 10.8	UJ	g	< 2.7	UJ	g	< 2.7	UJ	g	< 2.7	UJ	g
Vanadium	12.5			4.3			11.9			5.9			< 4.2		
Zinc	15.8			15.3			< 2.3			14.2	UJ	a	12.4	UJ	a

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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-008A- 09/23/91			2nd Qtr M-009A- 10/04/91			2nd Qtr M-025A- 10/02/91			2nd Qtr M-025E- 10/02/91			2nd Qtr M-026A- 10/02/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	159			< 31.0			33.5			34			59.6		
Antimony	< 25.1			< 25.1			30.5			< 25.1			< 25.1		
Arsenic	13.8			3.7	UJ	a	< 10.4			15.6			< 10.4		
Barium	8.3			95.7			76.3			44.9			19.2		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	898			13300			132000			37200			210000		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7			11.9		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1			< 6.1		
Copper	10			10.3			7.2			26.7			25.5		
Iron	608			657			2680			473			213		
Lead	2.1			< 2.0			< 20.0			< 20.0			< 20.0	UJ	g
Magnesium	884			30300			324000			98500			543000		
Manganese	31.8			433			384			837			13.7		
Mercury	< 0.2			< 0.2	UJ	c	< 0.2			< 0.2	UJ	c	< 0.2	UJ	c
Nickel	< 13.2			< 13.2	UJ	f	< 13.2			< 13.2			< 13.2		
Potassium	6060			30200			136000			55400			229000		
Selenium	< 2.1			< 2.1	UJ	g	< 8.4	UJ	g	< 8.4			< 8.4	UJ	g
Silver	< 4.9			< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	67400			957000			2900000			1320000			5390000		
Thallium	< 2.7			< 2.7	UJ	g	< 10.8			< 10.8	UJ	g	< 10.8	UJ	g
Vanadium	4.6			4.4			9.5			11.6			< 4.2		
Zinc	3.4			6.9	UJ	a	< 2.3			21.3			< 2.3		

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e = LCS
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g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-004A- 09/20/91			2nd Qtr M-005A- 09/20/91			2nd Qtr M-006A- 09/23/91			2nd Qtr M-006A-DUP 09/23/91			2nd Qtr M-007A- 09/23/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 31.0			< 31.0			< 31.0			< 31.0			41.8		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	< 2.6	UJ	g	7.0	J	g	< 2.6			< 2.6			9.2		
Barium	40.1			41.3			58.8			53.5			11.3		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	55500			31000			34800			34600			9780		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			< 2.1			< 2.1			< 2.1			2.5		
Iron	11			267			731			571			82.5		
Lead	< 2.0	UJ	g	< 2.0			< 2.0			2.5			< 2.0		
Magnesium	62500			32700			15100			15100			6020		
Manganese	304			620			839			831			166		
Mercury	< 0.2			< 0.2			< 0.2			0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	46700			30200			14900			15400			9730		
Selenium	< 2.1	UJ	g	< 2.1			< 2.1			12.5			< 2.1	UJ	g
Silver	< 4.9			< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	673000			283000			161000			143000			102000		
Thallium	< 2.7	UJ	g	< 2.7			< 2.7			< 2.7			< 2.7		
Vanadium	9.2			< 4.2			< 4.2			5.6			5.7		
Zinc	< 2.3			12.6			7.4			< 2.3			6.3		

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a = method blank
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d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-001A- 09/19/91			2nd Qtr M-001E- 09/19/91			2nd Qtr M-002A- 09/20/91			2nd Qtr M-002E- 09/20/91			2nd Qtr M-003A- 09/20/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 31.0			57.1			< 31.0			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	< 2.6			< 2.6			< 2.6			< 2.6	UJ	g	< 2.6		
Barium	353			50			217			128			52.3		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	37700			4300			230000			275000			126000		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			< 2.1			< 2.1			< 2.1			< 2.1		
Iron	25.8	UJ	a	54.9			759			< 6.2			12.8	UJ	a
Lead	< 2.0	UJ	g	< 2.0			< 2.0	UJ	g	< 2.0	UJ	g	< 2.0		
Magnesium	39500			3760			137000			465000			18000		
Manganese	235			27.7			275			500			8.4		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	37200			31400			45300			139000			6410		
Selenium	< 2.1			< 2.1			< 2.1	UJ	g	< 10.5	UJ	g	< 2.1		
Silver	< 4.9			< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	431000			395000			1530000			4610000			28000		
Thallium	< 2.7	UJ	g	< 2.7	UJ	g	< 2.7	UJ	g	< 13.5			< 2.7		
Vanadium	< 4.2			< 4.2			16			8.9			< 4.2		
Zinc	< 2.3			6.4			5			< 2.3			7.8		

Qualifiers:

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	1st Qtr M-028A-DUP 06/24/91			1st Qtr M-028E- 06/25/91			1st Qtr M-029A- 06/20/91			1st Qtr M-029E- 06/21/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	35.9			< 31.0			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	18.6			15.2			< 2.6	UJ	g	2.6		
Barium	303			109			135			251		
Beryllium	1.7			< 1.3			< 1.3			1.5		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	143000	J	c	58100	J	c	19700	J	c	20900		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			< 2.1			2.4			< 2.1		
Iron	32600			1670			33.3	UJ	a	9.7		
Lead	< 2.0			< 2.0			< 2.0	UJ	g	< 2.0		
Magnesium	37200	J	c	38400	J	c	35400	J	c	40000		
Manganese	1570			613			70.4			107		
Mercury	< 0.2	UJ	g	< 0.2	UJ	g	< 0.2			< 0.2	UJ	g
Nickel	< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	59900	J	c	33100	J	c	28800	J	c	33900		
Selenium	< 2.1			< 2.1			< 2.1			< 2.1		
Silver	< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	91500			252000			203000			376000	J	c
Thallium	< 2.7	UJ	g	< 2.7	UJ	g	23.5			< 2.7		
Vanadium	6.7			< 4.2			< 4.2			7.7		
Zinc	7.2			6.2			2.7			5.9	UJ	a

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b = surrogate spike
c = matrix spike
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e = LCS
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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	1st Qtr M-026A- 06/27/91			1st Qtr M-026E- 06/27/91			1st Qtr M-027A- 06/25/91			1st Qtr M-027E- 06/26/91			1st Qtr M-028A- 06/24/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 31.0			< 31.0			< 31.0			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	3.1			4.2			5.4			6.6			18.3		
Barium	29.3			113			145			92.4			321		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			2.4		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	234000	J	c	77200	J	c	94000	J	c	61700	J	c	147000	J	c
Chromium	< 5.7			< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1			< 6.1		
Copper	2.9			< 2.1			< 2.1			< 2.1			< 2.1		
Iron	< 6.2			372			294			141			34200		
Lead	< 10.0	UJ	g	< 2.0			< 2.0			< 10.0			< 2.0		
Magnesium	677000	J	c	102000	J	c	46100	J	c	165000	J	c	38800	J	c
Manganese	14.4			579			563			1490			1630		
Mercury	0.3	J	c	< 0.2			< 0.2	UJ	g	< 0.2	UJ	g	< 0.2	UJ	g
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	262000	J	c	55700	J	c	48300	J	c	73800	J	c	62800	J	c
Selenium	< 21.0			< 2.1			< 2.1			< 2.1			< 2.1		
Silver	< 4.9			< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	6700000			1250000			277000			2110000			97100		
Thallium	< 27.0			< 13.5			< 2.7			< 2.7	UJ	g	< 2.7		
Vanadium	< 4.2			8.2			< 4.2			11			5.4		
Zinc	33.4			8.6			49.8			259			5.2		

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c = matrix spike
d = holding time
e = LCS
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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	1st Qtr M-007A- 07/02/91			1st Qtr M-008A- 07/01/91			1st Qtr M-009A- 07/16/91			1st Qtr M-025A- 06/28/91			1st Qtr M-025E- 06/28/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	44.8			6390			60.6			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	16.9			7.4			4.0			< 2.6			18.2		
Barium	12.3			40.8			85.8			277			57.9		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	8220	J	c	998	J	c	13900			119000			18400	J	c
Chromium	< 5.7			26.4			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			7.6			< 6.1			< 6.1			< 6.1		
Copper	4.4			10.2			19.2			< 2.1			< 2.1		
Iron	144	J	c	9000			77.5			783			21.4	UJ	a
Lead	< 2.0			5.6			< 2.0	UJ	g	< 2.0			< 2.0		
Magnesium	5830	J	c	2480	J	c	31300			304000			39500	J	c
Manganese	140			102			418			577			352		
Mercury	< 0.2			< 0.2			< 0.2			0.3	J	c	< 0.2		
Nickel	< 13.2			19.1			< 13.2			< 13.2			< 13.2		
Potassium	8590	J	c	5810	J	c	31000			112000			26800	J	c
Selenium	< 2.1			< 2.1			< 2.1			< 21.0			< 2.1		
Silver	< 4.9			< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	71900			58600	J	c	978000			2560000			602000		
Thallium	< 2.7			< 2.7			< 2.7			< 27.0			< 13.5		
Vanadium	7.1			24.9			5.7			5.1			< 4.2		
Zinc	3.5			21.3			< 2.3			3.2			11.4		

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d = holding time
e = LCS
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Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	1st Qtr M-003A- 06/17/91			1st Qtr M-004A- 06/18/91			1st Qtr M-005A- 06/18/91			1st Qtr M-005A-DUP 06/18/91			1st Qtr M-006A- 07/01/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	33.3			34.3			< 31.0			71.9			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	< 2.6			2.6			12.9			14.8			3.3		
Barium	60.2			43.7			42.7			42.7			36.0		
Beryllium	1.5			< 1.3			1.5			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	125000			57100			28000			33800			35000	J	c
Chromium	< 5.7			< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			< 2.1			< 2.1			< 2.1			< 2.1		
Iron	< 6.2			< 6.2			25.2			40.3			77.3	J	c
Lead	< 2.0			< 2.0	UJ	g	< 2.0			< 2.0			< 2.0		
Magnesium	15500			63600			24300			33600			18100	J	c
Manganese	20.7			215			434			274			784		
Mercury	< 0.2	UJ	g	< 0.2	UJ	g	< 0.2	UJ	g	< 0.2	UJ	g	< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	5380	UJ	a	45900			24400			26700			15800	J	c
Selenium	< 2.1			< 2.1			< 2.1			< 2.1			< 2.1		
Silver	< 4.9			< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	17700	J	c	703000	J	c	250000	J	c	272000	J	c	162000		
Thallium	< 2.7			< 2.7	UJ	g	< 2.7			< 2.7			< 2.7		
Vanadium	11.1			15.4			18.5			21.8			< 4.2		
Zinc	6.1	UJ	a	< 2.3			3.5	UJ	a,f	11.2	UJ	a,c	< 2.3		

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c = matrix spike
d = holding time
e = LCS
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g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Metals

Sample Number Date Sampled	1st Qtr M-001A- 06/17/91			1st Qtr M-001E- 06/17/91			1st Qtr M-002A- 06/19/91			1st Qtr M-002E- 06/19/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	< 31.0			121			39.9			35.3		
Antimony	< 25.1			< 25.1			37.6			40.1		
Arsenic	< 2.6			< 2.6			< 2.6			5.3		
Barium	394			54.6			266			164		
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	55700			4850			368000			326000		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			7.7		
Copper	< 2.1			< 2.1			< 2.1			< 2.1		
Iron	38.3			139			139			< 6.2		
Lead	< 2.0	UJ	g	< 2.0			< 2.0	UJ	g	< 10.0	UJ	g
Magnesium	46500			4920			183000			435000		
Manganese	397			28.0			529			616		
Mercury	< 0.2	UJ	g	< 0.2	UJ	g	< 0.2	UJ	g	< 0.2	UJ	g
Nickel	< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	35300			34600			53000			122000		
Selenium	< 2.1			< 2.1			< 2.1			< 2.1		
Silver	< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	373000	J	c	520000	J	c	1820000	J	c	4320000	J	c
Thallium	< 2.7	UJ	g	< 2.7	UJ	g	< 2.7	UJ	g	< 13.5	UJ	g
Vanadium	6.5			6.0			16.8			15.2		
Zinc	3.5	UJ	a	6.7	UJ	a	< 2.3			5.8	UJ	a

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e = LCS
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h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	4th Qtr M-103B- 04/23/92			4th Qtr M-104C- 03/25/92			4th Qtr M-105B- 04/13/92			4th Qtr M-108B- 03/25/92			4th Qtr M-108B-DUP 03/25/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (µg/L)															
Aluminum	< 40.7			67.1			< 40.7			< 40.7			< 40.7		
Antimony	< 375			< 37.5			< 113			< 37.5			< 37.5		
Arsenic	10.5			3.2			< 9.5			< 9.5	UJ	g	< 9.5	UJ	g
Barium	70.3			138			64.0			52.0			55.1		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	226000			136000			468000			304000			312000		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	10.2			< 3.8			< 3.8			21.2			24.8		
Iron	< 77.0	UJ	f	5150			147			< 7.7			< 7.7		
Lead	< 4.0	UJ	g	< 2.6			< 10.0			< 5.2			< 5.2		
Magnesium	1420000			574000			983000			817000			843000		
Manganese	7.6			582			8750			8250			8500		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2	UJ	c
Nickel	< 13.2			< 13.2			14.0			< 13.2			17.2		
Potassium	240000			199000	J	h	108000			145000	J	h	152000	J	h
Selenium	< 2.0	UJ	g	< 10.0	UJ	g	< 20.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	c
Silver	< 4.8			6.3			< 4.8			< 4.8			< 4.8		
Sodium	7960000			5550000			7420000			8060000			7850000		
Thallium	< 6.8	UJ	g	< 8.5	UJ	g	< 8.5			< 8.5	UJ	g	< 8.5	UJ	g,c
Vanadium	< 6.0			13.8			< 6.0	UJ	f	< 6.0			< 6.0		
Zinc	< 4.6	UJ	f	< 4.6			102			< 4.6			< 4.6		

Qualifiers:

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-103B- 02/07/92			3rd Qtr M-104C- 02/06/92			3rd Qtr M-105B- 02/05/92			3rd Qtr M-108B- 02/06/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	78.8	UJ	a	69.7	UJ	a,f	63.9	UJ	a	88.2		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	10.5	J	g	< 3.8	UJ	g	< 3.8			< 9.5	UJ	g
Barium	67.9			113	J	f	71.6			56.2	J	f
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	222000			129000			458000			313000		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2		
Copper	< 3.8			< 3.8			< 3.8			< 3.8		
Iron	< 7.7			3800	J	f	< 7.7			< 7.7	UJ	f
Lead	< 6.5			1.5	UJ	a	< 2.6	UJ	g	< 6.5		
Magnesium	1420000			549000			910000			838000		
Manganese	< 1.0			594	J	f	8840			8670	J	f
Mercury	< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			18.1			23.6		
Potassium	231000			187000			106000			147000		
Selenium	< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g
Silver	6.2			< 4.8			< 4.8			< 4.8		
Sodium	7910000			5430000			7750000			7890000		
Thallium	< 8.5	UJ	g	< 8.5	UJ	g	< 17.0	UJ	g	< 8.5	UJ	g
Vanadium	< 6.0			< 6.0			< 6.0			< 6.0		
Zinc	< 4.6			< 4.6			130			90.3		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analy[illegible]al Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-103B- 10/08/91			2nd Qtr M-104C- 10/04/91			2nd Qtr M-105B- 10/10/91			2nd Qtr M-108B- 10/08/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	< 31.0			49.7			32.8			48.6		
Antimony	< 251			< 25.1			< 251			< 251		
Arsenic	8.4			< 2.6			< 2.6			< 2.6		
Barium	58.7			135			50.0	UJ	a	52.7	UJ	a
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	208000			126000			429000			294000		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			6.3			10.2		
Copper	5			12.3			23.7			30.6		
Iron	< 6.2			11400			363			60.4	UJ	a
Lead	< 10.0	UJ	g	< 2.0	UJ	g	< 10.0	UJ	g	< 10.0	UJ	g
Magnesium	1240000			529000			868000			780000		
Manganese	< 0.9			569			8510			8260		
Mercury	< 0.2			< 0.2	UJ	c	< 0.2			< 0.2		
Nickel	< 13.2	UJ	f	< 13.2	UJ	f	18.4			24.7	J	f
Potassium	231000			184000			110000			138000		
Selenium	< 10.5	UJ	g	< 10.5	UJ	g	< 10.5	UJ	g	< 10.5	UJ	g
Silver	< 4.9			< 4.9			6.8			7.9		
Sodium	7010000			4780000			6350000			7270000		
Thallium	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g	< 13.5	UJ	g
Vanadium	100			< 4.2			< 4.2			< 4.2		
Zinc	< 23.0			< 2.3			< 2.3			106		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "B" and "C" Wells - Metals

Sample Number Date Sampled	1st Qtr M-103B- 07/16/91			1st Qtr M-104C 07/19/91			1st Qtr M-105B- 06/27/91			1st Qtr M-108B-		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	< 31.0			< 31.0			32.2			NS		
Antimony	< 251			< 25.1			< 25.1			NS		
Arsenic	13.5	UJ	g	3.6			< 2.6			NS		
Barium	74.2			120			49.9			NS		
Beryllium	< 1.3			< 1.3			< 1.3			NS		
Cadmium	< 3.0			< 3.0			< 3.0			NS		
Calcium	224000			136000			453000	J	c	NS		
Chromium	< 5.7			< 5.7			< 5.7			NS		
Cobalt	< 6.1			< 6.1			8.6			NS		
Copper	< 2.1			18.3			2.2			NS		
Iron	< 6.2			1720			49.0	UJ	a	NS		
Lead	< 10.0	UJ	g	< 2.0	UJ	g	< 10.0			NS		
Magnesium	1090000			576000			925000	J	c	NS		
Manganese	57.3			591			8770			NS		
Mercury	< 0.2			< 0.2			< 0.2			NS		
Nickel	< 13.2			< 13.2			< 13.2			NS		
Potassium	239000			202000			116000	J	c	NS		
Selenium	< 10.5			< 10.5			< 21.0			NS		
Silver	6.3			< 4.9			7.1			NS		
Sodium	6040000			2010000			7030000			NS		
Thallium	< 13.5			< 13.5			< 27.0			NS		
Vanadium	< 42.0			< 4.2			< 4.2			NS		
Zinc	< 23.0			25.7			78.8			NS		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Metals

Sample Number Date Sampled	4th Qtr M-106A- 04/17/92			4th Qtr M-107A- 04/17/92			4th Qtr M-108A- 03/24/92			4th Qtr M-109A- 04/27/92			4th Qtr M-110A- 04/22/92			4th Qtr M-111A- 04/22/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (µg/L)																		
Aluminum	< 40.7			616			< 40.7			46.6			< 40.7			854		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	2.2	J	g	2.5			21.1			14.3			5.9			7.1		
Barium	2.3			33.3			33.6			5.9			42.6			35.2		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	3830			5450			8490			3310			32300			10500		
Chromium	< 6.3			10.1			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	7.0			21.4			< 3.8			< 3.8			< 3.8			< 3.8		
Iron	< 7.7			1090			< 7.7			16.1	J,UJ	f,a	554	J	f	884	J	f
Lead	< 2.0			< 2.0	UJ	g	< 1.3			< 2.0			< 2.0			< 2.0		
Magnesium	2200			3240			11800			3130			43300			9310		
Manganese	1.9			124			65.7			8.9			417			72.8		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			41.9			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	4830			5210			8070	J	h	8800			27800			13200		
Selenium	< 2.0			< 2.0			< 2.0			< 2.0	UJ	g	< 2.0	UJ	g	< 2.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	12000			117000			278000			306000			441000			451000		
Thallium	< 1.7			< 1.7			< 1.7	UJ	g	< 1.7			< 1.7	UJ	g	< 1.7		
Vanadium	10.3	J	f	20.3	J	f	26.1			24.2			< 6.0			< 6.0		
Zinc	< 4.6			7.2			< 4.6			6.2	J	f	< 4.6	UJ	f	< 4.6	UJ	f

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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Metals

Sample Number Date Sampled	4th Qtr M-101A- 04/14/92			4th Qtr M-102A- 04/21/92			4th Qtr M-103A- 04/23/92			4th Qtr M-103A-DUP 04/23/92			4th Qtr M-104A- 03/25/92			4th Qtr M-105A- 04/13/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (µg/L)																		
Aluminum	< 40.7			406			< 40.7			< 40.7			886			2190		
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	4.2			< 1.9			8.8			9.0			7.9			7.6	J	g
Barium	135			23.2			10.1			10.9			10.5			16.1		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	65700			37500			3470			3490			14200			1620		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3			11.5		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	11.6			< 3.8			< 3.8			< 3.8			< 3.8			< 3.8		
Iron	17.3			544			27.7	UJ,J	a, f	38.8	UJ	a	1100			3340		
Lead	< 2.0			< 2.0			< 2.0			< 2.0			< 1.3			< 2.0	UJ	g
Magnesium	38400			7820			2540			2670			8500			1370		
Manganese	909			53.7			26.8			28.9			41.4			24.0		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	28900			3000			6280			5940			14300	J	h	4150		
Selenium	< 10.0			< 2.0			< 2.0	UJ	g	< 2.0	UJ	g,c	< 2.0	UJ	g	< 10.0		
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	595000			36800			66900			61900			172000			74000		
Thallium	< 1.7			< 1.7			< 1.7			< 1.7			< 1.7	UJ	g	< 1.7	UJ	g
Vanadium	8.3	J	f	< 6.0	UJ	f	< 6.0			< 6.0			7.5			23.7	J	f
Zinc	13.2			< 4.6			6.4	J	f	< 4.6	UJ	f	6.2			8.0		

Qualifiers:

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< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-109A- 02/07/92			3rd Qtr M-110A- 02/08/92			3rd Qtr M-110A-DUP 02/08/92			3rd Qtr M-111A- 02/08/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	80.7	UJ	a	< 40.7			< 40.7			55.5		
Antimony	41.0			< 37.5			< 37.5			< 37.5		
Arsenic	7			5.1			4.9			5.0		
Barium	21.7			28.4			87.3			48.4		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	6500			27400			17200			13100		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2		
Copper	4			< 3.8			7.2			4.6		
Iron	33.4	UJ	a	17.8	UJ	a	17.3	UJ	a	38.8	UJ	a
Lead	< 1.3			6.3			2.5	UJ	a	3.2		
Magnesium	5820			21800			13100			15700		
Manganese	17.1			245			139			119		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	12200			21200			18800			16900		
Selenium	< 2.0			< 2.0			< 2.0			< 2.0		
Silver	5.4			< 4.8			< 4.8			< 4.8		
Sodium	363000			168000	J	f	548000	J	f	561000	J	f
Thallium	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	g
Vanadium	29.7			< 6.0			< 6.0			< 6.0		
Zinc	8.1			11.2	UJ	a	7.0	UJ	a	15.2	UJ	a

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-105A-DUP 02/05/92			3rd Qtr M-106A- 02/08/92			3rd Qtr M-107A- 02/08/92			3rd Qtr M-107A-DUP 02/08/92			3rd Qtr M-108A- 02/06/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	78.0	UJ	a,f	404			< 40.7			< 40.7			76.8	UJ	a
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	10.8			< 1.9			4.7			5.7			8.7		
Barium	7.4	J	f	7.2			84.5			29.0			41.6		
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	1750			4440			17500			25700			13300		
Chromium	< 6.3			< 6.3			< 6.3			< 6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	5.4			12.9			6.8			< 3.8			12.5		
Iron	33.0	UJ	a,f	549			15.7	UJ	a	16.8	UJ	a	60.1	UJ	a
Lead	< 1.3	UJ	c	< 1.3			6.2			2.8	UJ	a	< 1.3		
Magnesium	958			2540			13100			24600			13400		
Manganese	2.1	UJ	a,f	7.8			129			272			96		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	4380			5490			18200			22700			11500		
Selenium	< 2.0	UJ	g	< 2.0			< 2.0			< 2.0	UJ	c	< 2.0		
Silver	< 4.8			< 4.8			< 4.8			< 4.8			4.8		
Sodium	79400			14400	J	c	516000	J	f	255000	J	f	340000		
Thallium	< 1.7			< 1.7	UJ	g	< 1.7	UJ	g	< 1.7	UJ	c,g	< 1.7	UJ	g
Vanadium	17.7			6.9			< 6.0			< 6.0			18.4		
Zinc	4.8			14.3	UJ	a	< 4.6			5.4	UJ	a	6.9		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Metals

Sample Number Date Sampled	3rd Qtr M-101A- 02/05/92			3rd Qtr M-102A- 02/07/92			3rd Qtr M-103A- 02/07/92			3rd Qtr M-104A- 02/06/92			3rd Qtr M-105A- 02/05/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	< 40.7			55.1	UJ	a	66.9	UJ	a	65.7	UJ	a	75.2	UJ	a,f
Antimony	< 37.5			< 37.5			< 37.5			< 37.5			< 37.5		
Arsenic	2.8	J	g	< 1.9			7.7			2.6			7.2		
Barium	150			23.9			18.4			24.8			6.1	J	f
Beryllium	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Cadmium	< 3.9			< 3.9			< 3.9			< 3.9			< 3.9		
Calcium	63900			27000			4690			20400			3330		
Chromium	< 6.3			< 6.3			< 6.3			6.3			< 6.3		
Cobalt	< 17.2			< 17.2			< 17.2			< 17.2			< 17.2		
Copper	< 3.8			6.3			5.4			< 3.8			6.4		
Iron	53.3	UJ	a	52.1	UJ	a	225			90.2	UJ	a	79.8	UJ	a,f
Lead	< 1.3			< 1.3			1.3			< 1.3			< 1.3	UJ	g
Magnesium	37400			10900			3090			11900			7540		
Manganese	886			70.2			29.5			43.3			9.1	UJ	a,f
Mercury	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2			< 13.2			< 13.2		
Potassium	27000			7380			6420			14800			6360		
Selenium	< 2.0	UJ	g	< 2.0			< 2.0			< 2.0			< 2.0	UJ	g
Silver	< 4.8			< 4.8			< 4.8			< 4.8			< 4.8		
Sodium	587000			149000			67200			53800			134000		
Thallium	< 1.7	UJ	g	< 1.7	UJ	g	< 1.7			< 1.7			< 1.7	UJ	g
Vanadium	< 6.0			< 6.0			6.3			< 6.0			16.5		
Zinc	5.0			4.8			13.8			5.4			< 4.6		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-108A-DUP 10/07/91			2nd Qtr M-109A- 10/04/91			2nd Qtr M-110A- 10/09/91			2nd Qtr M-111A- 10/09/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	< 31.0			57.6			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	7.1			10.2			7.8			8.5		
Barium	45.9	UJ	a	12.8	UJ	a	38.4	UJ	a	37.3	UJ	a
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	11200			5320			26400			12400		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1		
Copper	8.3			11.5			7.1			15.3		
Iron	736			2110			639			1420		
Lead	< 2.0			< 2.0			< 2.0			< 2.0		
Magnesium	13100			4670			34700			14700		
Manganese	93.3			15.4			337			118		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2	UJ	f	< 13.2	UJ	f	< 13.2	UJ	f	< 13.2	UJ	f
Potassium	14800			11700			27800			18600		
Selenium	< 2.1	UJ	g	< 2.1	UJ	g	< 2.1	UJ	g	< 2.1	UJ	g
Silver	< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	420000			307000			398000			566000		
Thallium	< 2.7	UJ	g	< 2.7	UJ	g	< 2.7	UJ	g	< 2.7	UJ	g
Vanadium	7.5			22.6			< 4.2			< 4.2		
Zinc	5.9	UJ	a	10.5	UJ	a	7.1	UJ	a	8.3	UJ	a

Notes:

NA = Not analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qaulified, not usable
< = Analyte reported below detection limit

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-105A- 10/10/91			2nd Qtr M-106A- 10/07/91			2nd Qtr M-107A- 10/07/91			2nd Qtr M-108A- 10/07/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	42			381			32.4			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	20.4			8			7.6			7.4		
Barium	11.7	UJ	a	7.1	UJ	a	84.9			49.4	UJ	a
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	1390			2600			24800			12300		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1		
Copper	21.6			24.6			10.5			18.9		
Iron	303			560			31.5	UJ	a	409		
Lead	< 2.0			< 2.0			< 2.0			3.7		
Magnesium	779			1590			16400			15100		
Manganese	4.2			9.7			164			108		
Mercury	< 0.2			< 0.2			< 0.2			< 0.2		
Nickel	< 13.2	UJ	f	< 13.2	UJ	f	< 13.2	UJ	f	< 13.2	UJ	f
Potassium	5990			7090			20100			16200		
Selenium	< 2.1	UJ	g	< 2.1	UJ	g	< 2.1	UJ	g	< 2.1		
Silver	< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	75800			21600			472000			451000		
Thallium	< 2.7	UJ	g	< 2.7	UJ	g	< 2.7	UJ	g	< 2.7	UJ	g
Vanadium	32.9			25			< 4.2			6.4		
Zinc	7.0	UJ	a	10.3	UJ	a	10.8	UJ	a	7.1	UJ	a

Notes:

NA = Not analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qaulified, not usable
< = Analyte reported below detection limit

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Metals

Sample Number Date Sampled	2nd Qtr M-101A- 09/23/91			2nd Qtr M-102A- 09/23/91			2nd Qtr M-103A- 10/08/91			2nd Qtr M-104A- 10/04/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)												
Aluminum	< 31.0			< 31.0			< 31.0			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			< 25.1		
Arsenic	3.9			3.9	J	g	9.8			4.3		
Barium	103			44.3			13.3	UJ	a	32.1	UJ	a
Beryllium	< 1.3			< 1.3			< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			< 3.0		
Calcium	23500			61400			3530			15500		
Chromium	< 5.7			< 5.7			< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			< 6.1		
Copper	< 2.1			< 2.1			20.4			8.4		
Iron	447			19.7	UJ	a	1080			1980		
Lead	2.7	J	g	3			< 2.0			< 2.0		
Magnesium	26800			21800			2290			10100		
Manganese	270			240			24.7			48.4		
Mercury	< 0.2			< 0.2			0.3			< 0.2		
Nickel	< 13.2			< 13.2			< 13.2	UJ	f	< 13.2	UJ	f
Potassium	34900			11300			8250			17100		
Selenium	< 2.1	UJ	g	< 2.1	UJ	g	< 2.1	UJ	g	< 2.1	UJ	g
Silver	< 4.9			< 4.9			< 4.9			< 4.9		
Sodium	773000			239000			70700			60600		
Thallium	< 2.7			< 2.7			< 2.7	UJ	g	< 2.7	UJ	g
Vanadium	< 4.2			< 4.2			< 4.2			< 4.2		
Zinc	8.7			3.6			10.5	UJ	a	18.1	UJ	a

Notes:

NA = Not analyzed
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qaulified, not usable
< = Analyte reported below detection limit

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Metals

Sample Number Date Sampled	1st Qtr M-110A- 07/17/91			1st Qtr M-111A- 07/18/91		
PARAMETER REPORTED						
	Results	Val	Com	Results	Val	Com
METALS (ug/L)						
Aluminum	31.1			< 31.0		
Antimony	< 25.1			< 25.1		
Arsenic	7.8			9.2	J	g
Barium	40			56.2		
Beryllium	< 1.3			< 1.3		
Cadmium	< 3.0			< 3.0		
Calcium	27800			19000		
Chromium	< 5.7			< 5.7		
Cobalt	< 6.1			< 6.1		
Copper	27.3			17.0		
Iron	57.8			10.8	UJ	a
Lead	< 2.0			2		
Magnesium	42600			26600		
Manganese	411			179		
Mercury	< 0.2			< 0.2		
Nickel	< 13.2			< 13.2		
Potassium	29000			25700		
Selenium	< 2.1			< 2.1		
Silver	< 4.9			< 4.9		
Sodium	454000			805000		
Thallium	< 2.7			< 2.7		
Vanadium	4.5			< 4.2		
Zinc	< 2.3			3.6	UJ	a

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Metals

Sample Number Date Sampled	1st Qtr M-105A- 06/26/91			1st Qtr M-106A- 07/19/91			1st Qtr M-107A- 07/17/91			1st Qtr M-108A-			1st Qtr M-109A- 07/16/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
METALS (ug/L)															
Aluminum	57.7			3710			< 31.0			NS			< 31.0		
Antimony	< 25.1			< 25.1			< 25.1			NS			< 25.1		
Arsenic	15.5			7.7			6.1			NS			7.9		
Barium	5.8			19.5			93.9			NS			14.5		
Beryllium	< 1.3			< 1.3			< 1.3			NS			< 1.3		
Cadmium	< 3.0			< 3.0			< 3.0			NS			< 3.0		
Calcium	1730	J	c	1330			30500			NS			5760		
Chromium	< 5.7			14.1			< 5.7			NS			< 5.7		
Cobalt	< 6.1			< 6.1			< 6.1			NS			< 6.1		
Copper	4.5			17.9			21.8			NS			17.9		
Iron	97.2			5370			36.8	UJ	a	NS			22.2	UJ	a
Lead	< 2.0			< 2.0			7.1			NS			< 2.0		
Magnesium	1030	J	c	1750			21100			NS			5670		
Manganese	3			47.9			213			NS			25.5		
Mercury	< 0.2	UJ	g	< 0.2			< 0.2			NS			< 0.2		
Nickel	< 13.2			16.2			< 13.2			NS			< 13.2		
Potassium	5010	J	c	5050			22200			NS			11800		
Selenium	< 2.1			< 2.1			< 2.1			NS			< 2.1		
Silver	< 4.9			< 4.9			< 4.9			NS			< 4.9		
Sodium	76800			25600			542000			NS			373000		
Thallium	< 2.7			< 2.7			< 2.7			NS			< 2.7		
Vanadium	22.7			50.8			4.3			NS			18.4		
Zinc	4.3			11.5	UJ	a	< 2.3			NS			4.4		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Re. . for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-020B- 04/23/92			4th Qtr M-021C- 04/24/92			4th Qtr M-023B- 04/24/92		
PARAMETER REPORTED									
	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (µg/L)									
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (µg/L)									
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0		
4-Methylphenol	< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	3.4	UJ	a	4.1	UJ	a	< 2.0		
Dibenzofuran	< 1.00			< 1.00			< 1.00		
Dimethylpthalate	< 2.0			< 2.0			< 2.0		
Fluorene	< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0		
Phenol	< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS/HERBICIDES (µg/L)									
Aldrin	< 0.050			< 0.050			< 0.050		
Dieldrin	< 0.050			< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)									
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Resul[illegible]r "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-010B- 04/10/92			4th Qtr M-012B- 04/21/92			4th Qtr M-013C- 04/22/92			4th Qtr M-014B- 04/22/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (µg/L)												
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (µg/L)												
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0		
4-Methylphenol	< 2.0			< 2.0			< 2.0	R	b	< 2.0	R	b
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	110	UJ	a	3.8	UJ	a	2.5	UJ	a	3.6	UJ	a
Dibenzofuran	< 2.00			< 2.00			< 1.00			< 1.00		
Dimethylpthalate	< 1.0			< 1.0			< 2.0			< 2.0		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0		
Phenol	< 2.0			< 2.0			< 2.0	R	b	< 2.0	R	b
PESTICIDES/PCBS/HERBICIDES (µg/L)												
Aldrin	< 0.050			< 0.050			< 0.050			< 0.056		
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.056		
TOTAL PETRO. HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-014B- 01/16/92			3rd Qtr M-020B- 01/21/92			3rd Qtr M-021C- 01/21/92			3rd Qtr M-023B- 01/22/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	< 2.0			< 2.0			< 2.0			< 2.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	17	UJ	a	2.5			2.8			3		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-010B- 01/16/92			3rd Qtr M-012B- 01/17/92			3rd Qtr M-012B-DUP 01/17/92			3rd Qtr M-013C- 01/17/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	< 2.0			< 2.0			< 2.0			< 2.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	14			2.8	UJ	a	19			19		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-020B- 09/30/91			2nd Qtr M-021C- 09/30/91			2nd Qtr M-023B- 10/01/91		
PARAMETER REPORTED									
	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)									
Acetone	< 2.0			< 2.0			< 2.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)									
Bis(2-ethylhexyl)phthalate	< 2.0			12	UJ	a	< 2.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)									
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results - "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-010B- 09/25/91			2nd Qtr M-012B- 09/24/91			2nd Qtr M-013C- 09/24/91			2nd Qtr M-014B- 09/25/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	< 2.0			53			6100			< 2.0		
Methylene Chloride	< 1.0			< 5.0			< 500			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	< 1.0			5.6	UJ	a	4.4	UJ	a	5.2	UJ	a
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-014B- 06/20/91			1st Qtr M-020B- 07/10/91			1st Qtr M-021C- 07/08/91			1st Qtr M-023B- 07/01/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	< 2.0			67			2.7	UJ	a	16	UJ	a
Methylene Chloride	< 1.0			< 2.0			1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	< 4.0			< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-010B- 06/27/91			1st Qtr M-012B- 06/25/91			1st Qtr M-013C- 07/12/91			1st Qtr M-013C-DUP 07/12/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	< 2.0			< 2.0			< 2.0			3.0	UJ	a
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	< 2.0			< 2.0			< 2.0			< 2.1		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 -Site 2 - Groundwater Analytical Res. for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-022A- 04/01/92			4th Qtr M-022E- 04/01/92			4th Qtr M-023A- 04/01/92			4th Qtr M-023E- 04/01/92			4th Qtr M-024A- 03/31/92			4th Qtr M-024E- 03/31/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (µg/L)																		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0			< 10.0		
Acetone	< 2.0			< 2.0			< 2.0			2.6	UJ	a	< 20			< 20		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			13			12		
Carbon Disulfide	1.3			< 1.0			< 1.0			< 1.0			< 10.0			< 10.0		
Chlorobenzene	2.5			< 1.0			< 1.0			< 1.0			300			280		
Chloroethane	1.1			< 1.0			< 1.0			< 1.0			< 10.0			< 10.0		
SEMIVOLATILE ORGANICS (µg/L)																		
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			1.4			< 1.0		
1,4-Dichlorobenzene	1.6			< 1.0			< 1.0			< 1.0			14			3.9		
4-Methylphenol	< 2.0			< 2.0			< 2.0			3.2			< 2.0			< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			20			18		
Bis(2-ethylhexyl)phthalate	5.0	UJ	a	4.8	UJ	a	5.4	UJ	a	2.5	UJ	a	25	UJ	a	9.4		
Dibenzofuran	< 2.00			< 2.00			< 2.00			< 2.00			6.96			2.26		
Dimethylpthalate	13			470			< 1.0			< 1.0			9.4			100		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			4.9			2.4		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0			1.3			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			5.3			< 1.0		
Phenol	< 2.0			8.9			< 2.0			6.1			< 2.0			< 2.0		
PESTICIDES/PCBS/HERBICIDES (µg/L)																		
Aldrin	< 0.050			< 0.050			< 0.050			< 0.050			0.051			< 0.050		
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	0.3			< 0.2			0.6			0.6			2.9			0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 -Site 2 - Groundwater Analytical Resu .or "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-019E- 04/03/92			4th Qtr M-020A- 04/02/92			4th Qtr M-020E- 04/02/92			4th Qtr M-020E-DUP 04/02/92			4th Qtr M-021A- 04/02/92			4th Qtr M-021E- 04/03/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (µg/L)																		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (µg/L)																		
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
4-Methylphenol	< 2.0	R	b	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	16	UJ	a	3.0	UJ	a	1.7	UJ	a	6.5	UJ	a	3.8	UJ	a	3.9		
Dibenzofuran	< 2.00			< 2.00			< 2.00			< 2.00			< 2.00			< 2.00		
Dimethylpthalate	41			< 1.0			52			89			3.8			64		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenol	< 2.0	R	b	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS/HERBICIDES (µg/L)																		
Aldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 -Site 2 - Groundwater Analytical Res... for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-015A- 04/07/92			4th Qtr M-016A- 04/06/92			4th Qtr M-017A- 04/03/92			4th Qtr M-018A- 04/03/92			4th Qtr M-018E- 04/06/92			4th Qtr M-019A- 04/03/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (µg/L)																		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (µg/L)																		
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
4-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0	R	b	< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	5.4	UJ	a	28	UJ	a	1.9	UJ	a	1.7	UJ	a	13	UJ	a	5.1	UJ	a
Dibenzofuran	< 1.00			< 1.00			< 2.00			< 2.00			< 1.00			< 2.00		
Dimethylpthalate	< 2.0			140			< 1.0			< 1.0			40			< 1.0		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0	R	b	< 2.0		
PESTICIDES/PCBS/HERBICIDES (µg/L)																		
Aldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
Dieldrin	< 0.050			< 0.050			< 0.050			0.890			< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 -Site 2 - Groundwater Analytical Resu[illegible]r "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-010A- 04/08/92			4th Qtr M-011A- 04/08/92			4th Qtr M-012A- 04/08/92			4th Qtr M-012A-DUP 04/08/92			4th Qtr M-013A- 04/07/92			4th Qtr M-014A- 04/07/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (µg/L)																		
1,2-Dichloroethene, Total	< 1.0			1.2			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (µg/L)																		
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
4-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	23	UJ	a	32			6.3	UJ	a	4.0	UJ	a	2.6	UJ	a	33		
Dibenzofuran	< 1.00			< 1.00			< 1.00			< 1.00			< 1.00			< 1.00		
Dimethylpthalate	3.0			62			< 2.0			< 2.0			3.2			3.0		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS/HERBICIDES (µg/L)																		
Aldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-023E- 01/22/92			3rd Qtr M-024A- 02/03/92			3rd Qtr M-024E- 02/03/92		
PARAMETER REPORTED									
	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)									
1,2-Dichloroethane	< 1.0			< 10.0			< 10.0		
1,2-Dichloroethene, Total	< 1.0			< 10.0			< 10.0		
Acetone	< 2.0			< 20			24	UJ	a
Benzene	< 1.0			11			11		
Carbon Disulfide	< 1.0			< 10.0			< 10.0		
Chlorobenzene	< 1.0			250			240		
Chloroethane	< 1.0			< 10.0			< 10.0		
Methylene Chloride	< 1.0			< 10.0			< 10.0		
SEMIVOLATILE ORGANICS (ug/L)									
1,3-Dichlorobenzene	< 1.0			1.4			< 1.0		
1,4-Dichlorobenzene	< 1.0			11			4.3		
2,4-Dimethylphenol	< 2.0			6.6			< 2.0		
2-Chlorophenol	< 2.0			< 2.0			3.0		
2-Methlynaphthalene	< 1.0			6.8			< 1.0		
3-Nitroaniline	< 1.00			< 1.00			< 1.00		
Acenaphthene	< 1.0			22			23		
Bis(2-ethylhexyl)phthalate	2.3	UJ	a	2.8	UJ	a	6.3	UJ	a
Dibenzofuran	< 1.00			7.36			2.85		
Fluorene	< 1.0			5.3			3.1		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			18			< 1.0		
Phenanthrene	< 1.0			1.0			< 1.0		
PESTICIDES/PCBS (ug/L)									
Dieldrin	< 0.050			< 0.050			< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)									
Hydrocarbons, Petroleum	< 0.2			1.4			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Sample Number Date Sampled	3rd Qtr M-021E- 01/21/92			3rd Qtr M-021E-DUP 01/21/92			3rd Qtr M-022A- 01/22/92			3rd Qtr M-022E- 01/21/92			3rd Qtr M-023A- 01/22/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			3.2		
Chloroethane	< 1.0			< 1.0			1.7			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			1.7			< 1.0			1.3		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Chlorophenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 2.0		
3-Nitroaniline	< 1.00			< 1.00			< 1.00			< 1.00			< 2.00		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			1.7		
Bis(2-ethylhexyl)phthalate	< 2.0			14			3.5	UJ	a	3.8	UJ	a	2.9	UJ	a
Dibenzofuran	< 1.00			< 1.00			< 1.00			< 1.00			< 2.00		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)															
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			1.1			< 0.2			0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-019A- 01/20/92			3rd Qtr M-019E- 01/20/92			3rd Qtr M-020A- 01/21/92			3rd Qtr M-020E- 01/21/92			3rd Qtr M-021A- 01/21/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Chlorophenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
3-Nitroaniline	< 1.00			< 1.00			< 1.00			< 1.00			< 1.00		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	3.0	UJ	a	4.7	UJ	a	< 2.0			< 2.0			< 2.0		
Dibenzofuran	< 1.00			< 1.00			< 1.00			< 1.00			< 1.00		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)															
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			0.3		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Sample Number Date Sampled	3rd Qtr M-015A- 01/17/92			3rd Qtr M-016A- 01/20/92			3rd Qtr M-017A- 01/20/92			3rd Qtr M-018A- 01/20/92			3rd Qtr M-018E- 01/20/92		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 4.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Chlorophenol	< 4.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 4.0			< 1.0			< 1.0			< 1.0			< 1.0		
3-Nitroaniline	< 4.00			< 1.00			< 1.00			< 1.00			< 1.00		
Acenaphthene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	< 2.0			3.0	UJ	a	3.8	UJ	a	2.2			3.5		
Dibenzofuran	< 4.00			< 1.00			< 1.00			< 1.00			< 1.00		
Fluorene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)															
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Res. . for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-010A- 01/16/92			3rd Qtr M-010A- 01/20/92			3rd Qtr M-011A- 01/16/92			3rd Qtr M-012A- 01/17/92			3rd Qtr M-013A- 01/17/92			3rd Qtr M-014A- 01/16/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)																		
1,2-Dichloroethane	NA			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	NA			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	NA			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	NA			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	NA			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	NA			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	NA			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	NA			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)																		
1,3-Dichlorobenzene	< 2.0			NA			< 2.0			< 2.0			< 2.0			< 2.0		
1,4-Dichlorobenzene	< 2.0			NA			< 2.0			< 2.0			< 2.0			< 2.0		
2,4-Dimethylphenol	< 4.0			NA			< 4.0			< 4.0			< 4.0			< 4.0		
2-Chlorophenol	< 4.0			NA			< 4.0			< 4.0			< 4.0			< 4.0		
2-Methlynaphthalene	< 2.0			NA			< 2.0			< 2.0			< 2.0			< 4.0		
3-Nitroaniline	< 2.00			NA			< 2.00			< 2.00			< 2.00			< 4.00		
Acenaphthene	< 2.0			NA			< 2.0			< 2.0			< 2.0			< 2.0		
Bis(2-ethylhexyl)phthalate	< 4.0			NA			6.3			< 4.0			< 4.0			< 2.0		
Dibenzofuran	< 2.00			NA			< 2.00			< 2.00			< 2.00			< 4.00		
Fluorene	< 2.0			NA			< 2.0			< 2.0			< 2.0			< 2.0		
N-Nitrosodiphenylamine	< 2.0			NA			< 2.0			< 2.0			< 2.0			< 2.0		
Naphthalene	< 2.0			NA			< 2.0			< 2.0			< 2.0			< 2.0		
Phenanthrene	< 2.0			NA			< 2.0			< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS (ug/L)																		
Dieldrin	< 0.050			NA			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	< 0.2			NA			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Sample Number Date Sampled	2nd Qtr M-024E- 10/11/91		
PARAMETER REPORTED			
	Results	Val	Com
VOLATILE ORGANICS (ug/L)			
1,2-Dichloroethane	< 13		
1,2-Dichloroethene, Total	< 13		
Acetone	49		
Benzene	< 13		
Carbon Disulfide	< 13		
Chlorobenzene	160		
Chloroethane	< 13		
Methylene Chloride	< 13		
SEMIVOLATILE ORGANICS (ug/L)			
1,3-Dichlorobenzene	< 1.0		
1,4-Dichlorobenzene	2		
2,4-Dimethylphenol	< 2.0		
2-Chlorophenol	< 2.0		
2-Methlynaphthalene	< 2.0		
3-Nitroaniline	< 2.00		
Acenaphthene	12		
Bis(2-ethylhexyl)phthalate	2.4		
Dibenzofuran	< 2.00		
Fluorene	1.3		
N-Nitrosodiphenylamine	< 1.0		
Naphthalene	< 1.0		
Phenanthrene	< 1.0		
PESTICIDES/PCBS (ug/L)			
Dieldrin	< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)			
Hydrocarbons, Petroleum	< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-022E-DUP 10/01/91			2nd Qtr M-023A- 10/01/91			2nd Qtr M-023E- 10/01/91			2nd Qtr M-023E- 10/14/91			2nd Qtr M-024A- 10/11/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			< 1.0			NA			< 1.0			< 25		
1,2-Dichloroethene, Total	< 1.0			< 1.0			NA			< 1.0			< 25		
Acetone	< 2.0			< 2.0			NA			2.8			110		
Benzene	< 1.0			< 1.0			NA			< 1.0			< 25		
Carbon Disulfide	< 1.0			< 1.0			NA			1.2			< 25		
Chlorobenzene	< 1.0			9.7			NA			< 1.0			330		
Chloroethane	< 1.0			< 1.0			NA			< 1.0			< 25		
Methylene Chloride	< 1.0			< 1.0			NA			< 1.0			< 25		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			NA			1.2		
1,4-Dichlorobenzene	< 1.0			2.2			< 1.0			NA			8.8		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			NA			6		
2-Chlorophenol	< 2.0			< 2.0			< 2.0			NA			< 2.0		
2-Methlynaphthalene	< 1.0			< 1.0			< 1.0			NA			9.2		
3-Nitroaniline	< 1.00			< 1.00			< 1.00			NA			22.7		
Acenaphthene	< 1.0			4.2			< 1.0			NA			14		
Bis(2-ethylhexyl)phthalate	2.6	UJ	a	< 2.0			< 2.0			NA			3.6		
Dibenzofuran	< 1.00			< 1.00			< 1.00			NA			4.73		
Fluorene	< 1.0			< 1.0			< 1.0			NA			4.2		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			NA			1.7		
Naphthalene	< 1.0			< 1.0			< 1.0			NA			27		
Phenanthrene	< 1.0			< 1.0			< 1.0			NA			1.4		
PESTICIDES/PCBS (ug/L)															
Dieldrin	< 0.050	UJ	b	< 0.050	UJ	b	< 0.050	UJ	b	NA			< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	0.2			0.2			< 0.2			NA			1.6		

Qualifiers:

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-020E- 09/27/91			2nd Qtr M-021A- 09/30/91			2nd Qtr M-021E- 09/30/91			2nd Qtr M-022A- 10/01/91			2nd Qtr M-022E- 10/01/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			1.6			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			2.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			1.2			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Chlorophenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
3-Nitroaniline	< 1.00			< 1.00			< 1.00			< 1.00			< 1.00		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	380			4.0	UJ	a	22	UJ	a	18	UJ	a	< 2.0		
Dibenzofuran	< 1.00			< 1.00			< 1.00			< 1.00			< 1.00		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)															
Dieldrin	< 0.063			< 0.053			< 0.050			< 0.050	UJ	b	< 0.050	UJ	b
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			0.4			< 0.2		

Qualifiers:

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J = Qualified, estimated value
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Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Re. . for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-018E- 09/26/91			2nd Qtr M-019A- 09/27/91			2nd Qtr M-019A-DUP 09/27/91			2nd Qtr M-019E- 09/27/91			2nd Qtr M-020A- 09/27/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Chlorophenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
3-Nitroaniline	< 1.00			< 1.00			< 1.00			< 1.00			< 1.00		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	< 2.0			11			420			190			< 2.0		
Dibenzofuran	< 1.00			< 1.00			< 1.00			< 1.00			< 1.00		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)															
Dieldrin	< 0.050			< 0.052			< 0.050			< 0.053			< 0.056		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-014A- 09/25/91			2nd Qtr M-015A- 09/25/91			2nd Qtr M-016A- 09/26/91			2nd Qtr M-017A- 09/26/91			2nd Qtr M-018A- 09/26/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0	UJ	c	< 2.0			< 2.0		
2-Chlorophenol	< 2.0			< 2.0			< 2.0	UJ	c	< 2.0			< 2.0		
2-Methlynaphthalene	< 2.0			< 2.0			< 1.0			< 1.0			< 1.0		
3-Nitroaniline	< 2.00			< 2.00			< 1.00			< 1.00			< 1.00		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	4.7	UJ	a	1.3	UJ	a	< 2.0			< 2.0			< 2.0		
Dibenzofuran	< 2.00			< 2.00			< 1.00			< 1.00			< 1.00		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)															
Dieldrin	< 0.050	UJ	b	< 0.050	UJ	b	< 0.050			< 0.050			0.558		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-010A- 09/25/91			2nd Qtr M-010A-DUP 09/25/91			2nd Qtr M-011A- 09/24/91			2nd Qtr M-012A- 09/24/91			2nd Qtr M-013A- 09/24/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			1.7			< 1.0			< 1.0		
Acetone	12			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			1.9			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Chlorophenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
3-Nitroaniline	< 2.00			< 2.00			< 2.00			< 2.00			< 2.00		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	20	UJ	a	2.2	UJ	a	50	UJ	a	15	UJ	a	5.5	UJ	a
Dibenzofuran	< 2.00			< 2.00			< 2.00			< 2.00			< 2.00		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)															
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.057		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results - "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-022A- 07/02/91			1st Qtr M-022E- 07/08/91			1st Qtr M-023A- 07/01/91			1st Qtr M-023E- 07/01/91			1st Qtr M-024A- 07/18/91			1st Qtr M-024E- 07/18/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)																		
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0			< 5.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0			< 5.0		
Acetone	3.4	UJ	a	2.9	UJ	a	< 2.0			< 2.0			< 20			32		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0			< 5.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0			< 5.0		
Chlorobenzene	< 1.0			< 1.0			7.3			< 1.0			150			130		
Chloroethane	3.2			< 1.0			< 1.0			< 1.0			< 20			< 10.0		
Methylene Chloride	< 1.0			3.0			< 1.0			< 1.0			< 10.0			< 5.0		
SEMIVOLATILE ORGANICS (ug/L)																		
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.1			< 1.1		
1,4-Dichlorobenzene	1.3			< 1.0			1.4			< 1.0			6.1			1.9		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.1			< 2.3		
2-Chlorophenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.1			< 2.3		
2-Methlynaphthalene	< 1.0			< 1.0			< 1.0			< 1.0			5.7			< 1.1		
3-Nitroaniline	< 1.00			< 1.00			< 1.00			< 1.00			< 1.06			< 1.14		
Acenaphthene	1.9			< 1.0			2.4			< 1.0			7.9			11		
Bis(2-ethylhexyl)phthalate	< 2.0			< 2.0			< 2.0			< 2.0			< 2.1			< 2.3		
Dibenzofuran	< 1.00			< 1.00			< 1.00			< 1.00			2.79			1.18		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			2.7			1.2		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.0			< 1.1			< 1.1		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			19			< 1.1		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.1			< 1.1		
PESTICIDES/PCBS (ug/L)																		
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	3.2			0.2			2.9			< 0.2			1.1			< 0.2		

Qualifiers:

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J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Res. . for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-020A-DUP 07/10/91			1st Qtr M-020E- 07/10/91			1st Qtr M-021A- 07/02/91			1st Qtr M-021A-DUP 07/02/91			1st Qtr M-021E- 07/02/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			3.3	UJ	a	< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			2.9			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.1			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.1			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.2			< 2.0		
2-Chlorophenol	< 2.0			< 2.0			< 2.0			< 2.2			< 2.0		
2-Methlynaphthalene	< 1.0			< 1.0			< 1.0			< 1.1			< 1.0		
3-Nitroaniline	< 1.00			< 1.00			< 1.00			< 1.08			< 1.00		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.1			< 1.0		
Bis(2-ethylhexyl)phthalate	< 2.0			< 2.0			< 2.0			< 2.2			< 2.0		
Dibenzofuran	< 1.00			< 1.00			< 1.00			< 1.08			< 1.00		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.1			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 1.0			< 1.0			< 1.1			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.1			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.1			< 1.0		
PESTICIDES/PCBS (ug/L)															
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			0.8			0.6			< 0.2		

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< = Analyte reported below detection limit

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results - "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-018A- 07/11/91			1st Qtr M-018E- 07/11/91			1st Qtr M-019A- 07/11/91			1st Qtr M-019E- 07/17/91			1st Qtr M-020A- 07/10/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			3.1			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	1.6			1.7			1.5			< 1.0			1.1		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 4.0			< 2.0			< 2.0			< 2.0		
2-Chlorophenol	< 2.0			< 4.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0		
3-Nitroaniline	< 1.00			< 2.00			< 1.00			< 1.00			< 1.00		
Acenaphthene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	< 2.0			< 4.0			< 2.0			< 2.0			< 2.0		
Dibenzofuran	< 1.00			< 2.00			< 1.00			< 1.00			< 1.00		
Fluorene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)															
Dieldrin	1.17			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-014A-DUP 06/20/91			1st Qtr M-015A- 07/18/91			1st Qtr M-015A-DUP 07/18/91			1st Qtr M-016A- 07/11/91			1st Qtr M-017A- 07/08/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	5.1	UJ	a	< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	1.4			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 2.0			< 1.1			< 1.1			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 2.0			< 1.1			< 1.1			< 1.0			< 1.0		
2,4-Dimethylphenol	< 4.0			< 2.2			< 2.2	R	b	< 2.0			< 2.0		
2-Chlorophenol	< 4.0			< 2.2			< 2.2	R	b	< 2.0			< 2.0		
2-Methlynaphthalene	< 2.0			< 1.1			< 1.1			< 1.0			< 1.0		
3-Nitroaniline	< 2.00			< 1.12			< 1.09			< 1.00			< 1.00		
Acenaphthene	< 2.0			< 1.1			< 1.1			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	< 4.0			< 2.2			< 2.2			< 2.0			< 2.0		
Dibenzofuran	< 2.00			< 1.12			< 1.09			< 1.00			< 1.00		
Fluorene	< 2.0			< 1.1			< 1.1			< 1.0			< 1.0		
N-Nitrosodiphenylamine	< 2.0			< 1.1			< 1.1			< 1.0			< 1.0		
Naphthalene	< 2.0			< 1.1			< 1.1			< 1.0			< 1.0		
Phenanthrene	< 2.0			< 1.1			< 1.1			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)															
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 2 - Groundwater Analytical Resu .or "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-010A- 06/19/91			1st Qtr M-011A- 06/28/91			1st Qtr M-012A- 06/25/91			1st Qtr M-013A- 07/11/91			1st Qtr M-014A- 06/20/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,2-Dichloroethane	< 1.0			1.3			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			1.1			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			9.9	UJ	a	< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			2.9			< 1.0			< 1.0			< 1.0		
Chloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,3-Dichlorobenzene	< 2.0			< 1.0			< 1.0			< 1.0			< 2.0		
1,4-Dichlorobenzene	< 2.0			< 1.0			< 1.0			< 1.0			< 2.0		
2,4-Dimethylphenol	< 4.0	R	b	< 2.0			< 2.0			< 2.0			< 4.0		
2-Chlorophenol	< 4.0	R	b	< 2.0			< 2.0			< 2.0			< 4.0		
2-Methlynaphthalene	< 2.0			< 1.0			< 1.0			< 1.0			< 2.0		
3-Nitroaniline	< 2.00			< 1.00			< 1.00			< 1.00			< 2.00		
Acenaphthene	< 2.0			< 1.0			< 1.0			< 1.0			< 2.0		
Bis(2-ethylhexyl)phthalate	< 4.0			< 2.0			< 2.0			2.1	UJ	a	< 4.0		
Dibenzofuran	< 2.00			< 1.00			< 1.00			< 1.00			< 2.00		
Fluorene	< 2.0			< 1.0			< 1.0			< 1.0			< 2.0		
N-Nitrosodiphenylamine	< 2.0			< 1.0			< 1.0			< 1.0			< 2.0		
Naphthalene	< 2.0			< 1.0			< 1.0			< 1.0			< 2.0		
Phenanthrene	< 2.0			< 1.0			< 1.0			< 1.0			< 2.0		
PESTICIDES/PCBS (ug/L)															
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-001B- 03/27/92			4th Qtr M-007C- 04/09/92			4th Qtr M-025C- 04/08/92			4th Qtr M-027B- 04/07/92			4th Qtr M-027C- 04/06/92			4th Qtr M-027C-DUP 04/06/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)																		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0			1.1			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Toluene	< 1.0			2.5			< 1.0			< 1.0			2.0			1.9		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Xylenes, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)																		
1,2-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0	R	b	< 2.0	R	b	< 2.0			< 2.0	R	b	< 2.0	R	b	< 2.0	R	b
2-Methlynaphthalene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2-Methyl phenol	< 2.0	R	b	< 2.0	R	b	< 2.0			< 2.0	R	b	< 2.0	R	b	< 2.0	R	b
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	3.7	UJ	a	3.0	UJ	a	5.2	UJ	a	15	UJ	a	290	UJ	a	150	UJ	a
Dimethylpthalate	< 1.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenol	< 2.0	R	b	< 2.0	R	b	< 2.0			< 2.0	R	b	< 2.0	R	b	< 2.0	R	b
PESTICIDES/PCBS/HERBICIDES (ug/L)	ND			ND			ND			ND			ND			ND		
TOTAL PETRO. HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-027B- 01/31/92			3rd Qtr M-027C- 01/31/92		
PARAMETER REPORTED						
	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)						
Acetone	2.6			< 2.0		
Carbon Disulfide	< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0		
Chloromethane	3.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)						
Bis(2-ethylhexyl)phthalate	3.3			5		
Butylbenzylphthalate	< 1.5			< 1.5		
PESTICIDES/PCBS (ug/L)	ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)						
Hydrocarbons, Petroleum	< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-001B- 01/14/92			3rd Qtr M-007C- 02/05/92			3rd Qtr M-007C-DUP 02/05/92			3rd Qtr M-025C- 02/03/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	< 2.0			< 2.0			< 2.0			< 2.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0			< 1.0			< 1.0		
Chloromethane	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	< 2.0			1.1	UJ	a	10.0			2.6		
Butylbenzylphthalate	< 3.0			< 1.5			< 1.5			< 1.5		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-025C- 10/02/91			2nd Qtr M-027B- 10/03/91			2nd Qtr M-027B-DUP 10/03/91			2nd Qtr M-027C- 10/03/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	< 2.0			< 2.0			< 2.0			2.1	UJ	a
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0			< 1.0			< 1.0		
Chloromethane	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	< 2.0			< 1.0			1.3			< 1.0		
Butylbenzylphthalate	< 1.5			< 1.5			< 1.5			< 1.5		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-001B- 09/19/91			2nd Qtr M-001B-DUP 09/19/91			2nd Qtr M-007C- 09/23/91			2nd Qtr M-007C- 10/15/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	< 2.0			3.1			14			NA		
Carbon Disulfide	7.3			7.2			< 5.0			NA		
Chloroform	1.8			1.5			< 5.0			NA		
Chloromethane	< 1.0			< 1.0			< 5.0			NA		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	7.7			21			NA			< 1.0		
Butylbenzylphthalate	< 1.5			2.2			NA			< 1.5		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			0.2	UJ	a	< 0.2			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-027C- 06/26/91		
PARAMETER REPORTED			
	Results	Val	Com
VOLATILE ORGANICS (ug/L)			
Acetone	< 2.0		
Carbon Disulfide	< 1.0		
Chloroform	< 1.0		
Chloromethane	< 1.0		
SEMIVOLATILE ORGANICS (ug/L)			
Bis(2-ethylhexyl)phthalate	< 2.0		
Butylbenzylphthalate	< 1.5		
PESTICIDES/PCBS (ug/L)	ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)			
Hydrocarbons, Petroleum	< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-001B- 06/18/91			1st Qtr M-007C- 07/02/91			1st Qtr M-025C- 06/28/91			1st Qtr M-027B- 06/26/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	< 2.0			< 2.0			< 2.0			29		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0		
Chloroform	1.8			< 1.0			< 1.0			< 1.0		
Chloromethane	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	< 2.0			< 2.0			< 2.0			< 2.0		
Butylbenzylphthalate	< 1.5			< 1.5			< 1.5			< 1.5		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Sample Number Date Sampled	4th Qtr M-028A-DUP 04/27/92			4th Qtr M-028A-DUP 04/27/92			4th Qtr M-028E- 04/27/92			4th Qtr M-029A- 03/27/92			4th Qtr M-029E- 03/27/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (µg/L)															
1,2-Dichloroethene, Total	120			59			100			< 1.0			5.0		
Benzene	13			14			13			6.5			1.4		
Chlorobenzene	16			16			13			< 1.0			< 1.0		
Chloroform	< 10.0			< 10.0			< 5.0			< 1.0			< 1.0		
Ethylbenzene	< 10.0			< 10.0			< 5.0			< 1.0			< 1.0		
Methylene Chloride	< 10.0			< 10.0			< 5.0			< 1.0			< 1.0		
Toluene	< 10.0			< 10.0			< 5.0			< 1.0			< 1.0		
Trichloroethene	< 10.0			< 10.0			< 5.0			< 1.0			< 1.0		
Vinyl Chloride	160			160			140			< 1.0			< 1.0		
Xylenes, Total	13			13			< 5.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (µg/L)															
1,2-Dichlorobenzene	8.9			NA			1.3			< 1.0			< 1.0		
1,4-Dichlorobenzene	2.3			NA			1.3			< 1.0			< 1.0		
2,4-Dimethylphenol	4.8			NA			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 2.0			NA			< 2.0			< 2.0			< 2.0		
2-Methyl phenol	< 2.0			NA			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			NA			< 1.0			3.2			1.3		
Bis(2-chloroisopropyl)ether	2.1			NA			< 1.0			6.4			< 1.0		
Bis(2-ethylhexyl)phthalate	1.5			NA			26			2.9	UJ	a	2.7	UJ	a
Dimethylpthalate	< 1.0			NA			< 1.0			11			85		
Fluorene	< 1.0			NA			< 1.0			1.1			< 1.0		
Naphthalene	6.5			NA			< 1.0			< 1.0			1.4		
Phenanthrene	< 1.0			NA			< 1.0			< 1.0			1.1		
Phenol	< 2.0			NA			< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS/HERBICIDES (µg/L)	ND			ND			ND			ND			ND		
TOTAL PETRO. HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	0.6			NA			< 0.2			4.0			< 0.2		

Qualifiers:

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< = Analyte reported below detection limit

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-026A- 03/26/92			4th Qtr M-026E- 03/26/92			4th Qtr M-027A- 03/26/92			4th Qtr M-027E- 03/26/92			4th Qtr M-028A- 04/27/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (µg/L)															
1,2-Dichloroethene, Total	< 1.0			< 1.0			3.8			7.0			160		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			19		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			20		
Chloroform	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Ethylbenzene	< 1.0			< 1.0			< 1.0			< 1.0			13		
Methylene Chloride	< 1.0			< 1.0			1.1			1.1			< 10.0		
Toluene	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0			310		
Xylenes, Total	< 1.0			< 1.0			< 1.0			< 1.0			17		
SEMIVOLATILE ORGANICS (µg/L)															
1,2-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			3.1		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methyl phenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	12	UJ	a	53			8.7	UJ	a	5.6	UJ	a	3.7		
Dimethylpthalate	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			2.1		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS/HERBICIDES (µg/L)	ND			ND			ND			ND			ND		
TOTAL PETRO. HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			0.5		

Qualifiers:

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-008A- 04/22/92			4th Qtr M-009A- 04/23/92			4th Qtr M-025A- 03/31/92			4th Qtr M-025A-DUP 03/31/92			4th Qtr M-025E- 03/31/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (µg/L)															
1,2-Dichloroethene, Total	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Benzene	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Toluene	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 5.0			2.6			4.2			< 1.0		
Xylenes, Total	2.2			< 5.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (µg/L)															
1,2-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			< 1.0			< 2.0			< 2.0			< 2.0		
2-Methyl phenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	2.4	UJ	a	4.8	UJ	a	8.4	UJ	a	8.8	UJ	a	54		
Dimethylpthalate	< 2.0			< 2.0			< 1.0			< 1.0			1.3		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS/HERBICIDES (µg/L)	ND			ND			ND			ND			ND		
TOTAL PETRO. HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			0.7			1.6			< 0.2		

Qualifiers:

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UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-003A-DUP 04/13/92			4th Qtr M-004A- 04/13/92			4th Qtr M-005A- 04/09/92			4th Qtr M-006A- 04/09/92			4th Qtr M-007A- 04/10/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (µg/L)															
1,2-Dichloroethene, Total	< 1.0			< 1.0			1.6			< 1.0			< 1.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Toluene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	1.1			1.3			1.5			< 1.0			< 1.0		
Xylenes, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (µg/L)															
1,2-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0	R	b	< 2.0		
2-Methlynaphthalene	< 2.0			< 2.0			< 1.0			< 1.0			< 2.0		
2-Methyl phenol	< 2.0			< 2.0			< 2.0			< 2.0	R	b	< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	64	UJ	a	120	UJ	a	6.5	UJ	a	6.5	UJ	a	840		
Dimethylpthalate	< 1.0			< 1.0			< 2.0			5.4			< 1.0		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			1.2			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenol	< 2.0			< 2.0			< 2.0			< 2.0	R	b	< 2.0		
PESTICIDES/PCBS/HERBICIDES (µg/L)	ND			ND			ND			ND			ND		
TOTAL PETRO. HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-001A- 03/26/92			4th Qtr M-001E- 03/27/92			4th Qtr M-002A- 03/30/92			4th Qtr M-002E- 03/30/92			4th Qtr M-003A- 04/10/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (µg/L)															
1,2-Dichloroethene, Total	< 1.0			1.3			44			1.1			< 1.0		
Benzene	< 1.0			4.9			< 2.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			12			< 2.0			< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0			< 2.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			4.7			< 2.0			< 1.0			< 1.0		
Methylene Chloride	1.2			< 1.0			< 2.0			< 1.0			< 1.0		
Toluene	< 1.0			1.6			< 2.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			45			1.8			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 2.0			< 1.0			< 1.0		
Xylenes, Total	< 1.0			23			< 2.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (µg/L)															
1,2-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,4-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			42			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 2.0			3.8			< 2.0			< 2.0			< 2.0		
2-Methyl phenol	< 2.0			2.8			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			3.5			< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	2.1			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	2.9	UJ	a	7.4	UJ	a	6.1	UJ	a	3.8	UJ	a	72	UJ	a
Dimethylpthalate	110			180			< 1.0			24			< 1.0		
Fluorene	< 1.0			1.5			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			100			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			2.0			< 1.0			< 1.0			< 1.0		
Phenol	< 2.0			2.2			< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS/HERBICIDES (µg/L)	ND			ND			ND			ND			ND		
TOTAL PETRO. HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-028E- 02/04/92			3rd Qtr M-029A- 02/04/92			3rd Qtr M-029E- 02/04/92		
PARAMETER REPORTED									
	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)									
1,1-Dichloroethane	1.1			< 1.0			< 1.0		
1,2-Dichloroethane	< 5.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	1.5			1.4			5.4		
Acetone	< 10.0			< 2.0			< 2.0		
Benzene	8.6			5.7			1.8		
Chlorobenzene	3.8			< 1.0			< 1.0		
Ethylbenzene	< 5.0			< 1.0			< 1.0		
Methylene Chloride	< 5.0			< 1.0			< 1.0		
Toluene	< 5.0			< 1.0			< 1.0		
Trichloroethene	< 5.0			< 1.0			< 1.0		
Vinyl Chloride	69			< 1.0			1.3		
Xylenes, Total	< 5.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)									
1,2-Dichlorobenzene	1.1			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 2.0			< 2.0			< 2.0		
2-Methylphenol	< 2.0			< 2.0			< 2.0		
4-Methylphenol	< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			4.0			1.6		
Acenaphthylene	< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 1.0			5.9			< 1.0		
Bis(2-chloroethyl)ether	< 1.0			1.6			< 1.0		
Bis(2-ethylhexyl)phthalate	8.9	UJ	a	5.8			3.0		
Chrysene	< 1.0			< 1.0			< 1.0		
Diethylphthalate	< 1.0			< 1.0			< 1.0		
Fluoranthene	< 1.0			< 1.0			2.0		
Fluorene	< 1.0			1.4			< 1.0		
Naphthalene	< 1.0			< 1.0			1.8		
Phenanthrene	< 1.0			1.4			1.9		
Pyrene	< 1.0			< 1.0			2.5		
PESTICIDES/PCBS (ug/L)	ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)									
Hydrocarbons, Petroleum	< 0.2			7.9			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results . "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-026E- 01/23/92			3rd Qtr M-026E-DUP 01/23/92			3rd Qtr M-027A- 01/31/92			3rd Qtr M-027E- 01/31/92			3rd Qtr M-028A- 02/04/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			11		
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			7.0			5.9			14		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 20		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			26		
Chlorobenzene	< 1.0			< 1.0			1.7			< 1.0			51		
Ethylbenzene	< 1.0			< 1.0			< 1.0			< 1.0			26		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Toluene	< 1.0			< 1.0			< 1.0			< 1.0			69		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0			170		
Xylenes, Total	< 1.0			< 1.0			< 1.0			< 1.0			78		
SEMIVOLATILE ORGANICS (ug/L)															
1,2-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			260		
2-Methlynaphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 20.0		
2-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 20		
4-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 20		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Acenaphthylene	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Bis(2-chloroisopropyl)ether	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Bis(2-chloroethyl)ether	< 1.5			< 1.5			< 1.5			< 1.5			< 10.0		
Bis(2-ethylhexyl)phthalate	< 2.0			2.2	UJ	a	4.1			2.8			< 10.0		
Chrysene	< 2.5			< 2.5			< 2.5			< 2.5			< 10.0		
Diethylphthalate	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Fluoranthene	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			15		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
Pyrene	< 1.0			< 1.0			< 1.0			< 1.0			< 10.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			0.6		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results - "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-008A- 01/15/92			3rd Qtr M-009A- 02/07/92			3rd Qtr M-025A- 01/23/92			3rd Qtr M-025E- 01/23/92			3rd Qtr M-026A- 01/23/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,1-Dichloroethane	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethane	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 5.0			1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 10.0			< 2.0			2.7			< 2.0		
Benzene	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Toluene	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 5.0			4.9			< 1.0			< 1.0		
Xylenes, Total	< 1.0			< 5.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,2-Dichlorobenzene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 4.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 2.0			< 2.0			< 1.0			< 1.0			< 1.0		
2-Methylphenol	< 4.0			< 2.0			< 2.0			< 2.0			< 2.0		
4-Methylphenol	< 4.0			< 2.0			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acenaphthylene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroethyl)ether	< 3.0			< 1.0			< 1.5			< 1.5			< 1.5		
Bis(2-ethylhexyl)phthalate	< 4.0			2.7			5.4	UJ	a	< 2.0			2.4	UJ	a
Chrysene	< 5.0			< 1.0			< 2.5			< 2.5			< 2.5		
Diethylphthalate	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Fluoranthene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Fluorene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Pyrene	< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			0.4			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Resu[illegible] "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-004A- 01/15/92			3rd Qtr M-005A- 01/15/92			3rd Qtr M-006A- 01/15/92			3rd Qtr M-007A- 01/15/92			3rd Qtr M-007A-DUP 01/15/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			2.5			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Toluene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	1.3			2.1			< 1.0			< 1.0			< 1.0		
Xylenes, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,2-Dichlorobenzene	< 2.0			< 2.5			< 2.0			< 2.0			< 2.0		
2,4-Dimethylphenol	< 4.0			< 5.0			< 4.0			< 4.0			< 4.0		
2-Methlynaphthalene	< 4.0			< 2.5			< 4.0			< 2.0			< 4.0		
2-Methylphenol	< 4.0			< 5.0			< 4.0			< 4.0			< 4.0		
4-Methylphenol	< 4.0			< 5.0			< 4.0			< 4.0			< 4.0		
Acenaphthene	< 2.0			< 2.5			< 2.0			< 2.0			< 2.0		
Acenaphthylene	< 2.0			< 2.5			< 2.0			< 2.0			< 2.0		
Bis(2-chloroisopropyl)ether	< 2.0			< 2.5			< 2.0			< 2.0			< 2.0		
Bis(2-chloroethyl)ether	< 2.0			< 3.8			< 2.0			< 3.0			< 2.0		
Bis(2-ethylhexyl)phthalate	7.3			< 5.0			11			6.7	UJ	a	3.5		
Chrysene	< 2.0			< 6.3			< 2.0			< 5.0			< 2.0		
Diethylphthalate	< 2.0			< 2.5			< 2.0			< 2.0			< 2.0		
Fluoranthene	< 2.0			< 2.5			< 2.0			< 2.0			< 2.0		
Fluorene	< 2.0			< 2.5			< 2.0			< 2.0			< 2.0		
Naphthalene	< 2.0			< 2.5			< 2.0			< 2.0			< 2.0		
Phenanthrene	< 2.0			< 2.5			< 2.0			< 2.0			< 2.0		
Pyrene	< 2.0			< 2.5			< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-001A- 01/14/92			3rd Qtr M-001E- 01/14/92			3rd Qtr M-002A- 01/14/92			3rd Qtr M-002E- 01/14/92			3rd Qtr M-003A- 01/15/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,1-Dichloroethane	< 1.0			< 1.0			< 2.0			< 1.0			< 1.0		
1,2-Dichloroethane	< 1.0			< 1.0			< 2.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			47			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 4.0			< 2.0			< 2.0		
Benzene	< 1.0			3.4			< 2.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			6.6			< 2.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			2.2			< 2.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 2.0			< 1.0			< 1.0		
Toluene	< 1.0			1.3			< 2.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			39			2.1			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 2.0			< 1.0			< 1.0		
Xylenes, Total	< 1.0			12			< 2.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,2-Dichlorobenzene	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2,4-Dimethylphenol	< 4.0			45			< 4.0			< 4.0			< 4.0		
2-Methlynaphthalene	< 2.0			3.4			< 4.0			< 2.0			< 4.0		
2-Methylphenol	< 4.0			< 4.0			< 4.0			< 4.0			< 4.0		
4-Methylphenol	< 4.0			< 4.0			< 4.0			< 4.0			< 4.0		
Acenaphthene	< 2.0			3.1			< 2.0			< 2.0			< 2.0		
Acenaphthylene	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Bis(2-chloroisopropyl)ether	2.0			3.3			< 2.0			< 2.0			< 2.0		
Bis(2-chloroethyl)ether	< 3.0			< 3.0			< 2.0			< 3.0			< 2.0		
Bis(2-ethylhexyl)phthalate	< 4.0			< 4.0			< 2.0			20	UJ	a	4.6		
Chrysene	< 5.0			< 5.0			< 2.0			< 5.0			< 2.0		
Diethylphthalate	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Fluoranthene	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Fluorene	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Naphthalene	< 2.0			110			< 2.0			< 2.0			< 2.0		
Phenanthrene	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Pyrene	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	0.4	UJ	a	0.3	UJ	a	< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
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e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled PARAMETER REPORTED	2nd Qtr M-028A- 10/11/91			2nd Qtr M-028E- 10/11/91			2nd Qtr M-029A- 10/10/91			2nd Qtr M-029E- 10/10/91			2nd Qtr M-029E-DUP 10/10/91		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,1-Dichloroethane	< 500			< 2.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethane	< 500			< 2.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	10000			< 2.0			1.6			10.0			7.8		
Acetone	1600			10.0	UJ	a	6.8	UJ	a	3.8	UJ	a	3.7	UJ	a
Benzene	< 500			21			6.0			2.2			2.0		
Chlorobenzene	< 500			15			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 500			< 2.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 500			< 2.0			< 1.0			< 1.0			1.2		
Toluene	1200			< 2.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 500			< 2.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	11000			3.5			1.6			3.9			2.8		
Xylenes, Total	< 500			< 2.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,2-Dichlorobenzene	< 100	R	b	1.1			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	4000	J	b	< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 200	R	b	< 2.0			< 2.0			< 2.0			< 2.0		
2-Methylphenol	480	J	b	< 2.0			< 2.0			< 2.0			< 2.0		
4-Methylphenol	< 200	R	b	< 2.0			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 100	R	b	< 1.0			4			1.4			1.4		
Acenaphthylene	< 100	R	b	1.2			< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 100	R	b	< 1.0			6.3			< 1.0			< 1.0		
Bis(2-chloroethyl)ether	< 100	R	b	< 1.0			1.3			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	< 100	R	b	< 1.0			3.4			< 1.0			1.5	J	c
Chrysene	< 100	R	b	< 1.0			< 1.0			< 1.0			1.1		
Diethylphthalate	< 100	R	b	< 1.0			< 1.0			< 1.0			< 1.0		
Fluoranthene	< 100	R	b	< 1.0			< 1.0			1.7			4.1		
Fluorene	< 100	R	b	< 1.0			1.4			< 1.0			< 1.0		
Naphthalene	< 100	R	b	< 1.0			< 1.0			1.1			< 1.0		
Phenanthrene	< 100	R	b	< 1.0			< 1.0			1.5			1.6		
Pyrene	< 100	R	b	< 1.0			< 1.0			2.1			4.2	J	c
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	0.2			0.3			0.9			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-025A- 10/02/91			2nd Qtr M-025E- 10/02/91			2nd Qtr M-026A- 10/02/91			2nd Qtr M-026E- 10/02/91			2nd Qtr M-027A- 10/03/91			2nd Qtr M-027E- 10/03/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)																		
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	1.1			< 1.0			< 1.0			< 1.0			7.3			8.9		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			2.5	UJ	a
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Toluene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	5.9			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Xylenes, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)																		
1,2-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 2.0			< 2.0		
2-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
4-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acenaphthylene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroethyl)ether	< 1.5			< 1.5			< 1.5			< 1.5			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	< 2.0			< 2.0			< 2.0			< 2.0			1.7			1.5		
Chrysene	< 2.5			< 2.5			< 2.5			< 2.5			< 1.0			< 1.0		
Diethylphthalate	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Fluoranthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Pyrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
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R = Qualified, not usable
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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results - "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-005A- 09/20/91			2nd Qtr M-006A- 09/23/91			2nd Qtr M-006A-DUP 09/23/91			2nd Qtr M-007A- 09/23/91			2nd Qtr M-008A- 09/23/91			2nd Qtr M-009A- 10/04/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)																		
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethane	< 1.0			< 1.0			2.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	2.1			< 1.0			< 1.0			1.5			< 1.0			< 1.0		
Acetone	4.0			< 2.0			3.0	UJ	a	< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Toluene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	4.5			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Xylenes, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)																		
1,2-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.3			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			< 2.0			< 2.0			< 2.3			< 2.0			< 2.0		
2-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.3			< 2.0			< 2.0		
4-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.3			< 2.0			< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
Acenaphthylene	< 1.0			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 1.0			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
Bis(2-chloroethyl)ether	< 1.5			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
Bis(2-ethylhexyl)phthalate	2.3			3.7	UJ	a	45	UJ	a	26	UJ	a	14	UJ	a	< 1.0		
Chrysene	< 2.5			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
Diethylphthalate	< 1.0			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
Fluoranthene	1.0			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
Pyrene	1.0			< 1.0			< 1.0			< 1.2			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	0.3			0.3			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
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< = Analyte reported below detection limit

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a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-001A- 09/19/91			2nd Qtr M-001E- 09/19/91			2nd Qtr M-002A- 09/20/91			2nd Qtr M-002E- 09/20/91			2nd Qtr M-003A- 09/20/91			2nd Qtr M-004A- 09/20/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)																		
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			17			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	1.0			2.6			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			3.8			< 1.0			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			1.7			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Toluene	< 1.0			1.1			< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			13			< 1.0			1.8			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			3.0		
Xylenes, Total	1.6			8.9			< 1.0			< 1.0			1.3			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)																		
1,2-Dichlorobenzene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			39			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			3.5			< 1.0			< 1.0			< 1.0			< 1.0		
2-Methylphenol	< 2.0			< 4.0			< 2.0			< 2.0			< 2.0			< 2.0		
4-Methylphenol	< 2.0			< 4.0			< 2.0			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			3.7			< 1.0			< 1.0			< 1.0			< 1.0		
Acenaphthylene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 1.0			4.4			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroethyl)ether	< 1.5			< 3.0			< 1.5			< 1.5			< 1.5			< 1.5		
Bis(2-ethylhexyl)phthalate	3.0			4.6			< 2.0			2.9			< 2.0			4		
Chrysene	< 2.5			< 5.0			< 2.5			< 2.5			< 2.5			< 2.5		
Diethylphthalate	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Fluoranthene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Fluorene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			100			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
Pyrene	< 1.0			< 2.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	1			0.7			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Resu[illegible] for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-028A- 06/24/91			1st Qtr M-028A-DUP 06/24/91			1st Qtr M-028E- 06/25/91			1st Qtr M-029A- 06/20/91			1st Qtr M-029E- 06/21/91		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,1-Dichloroethane	< 2500			< 1000			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethane	< 2500			< 1000			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	45000			29000			2.3			1.6			12		
Acetone	< 5000			< 2000			< 2.0			< 2.0			5.4	UJ	a
Benzene	< 2500			< 1000			7.1			3.7			1.8		
Chlorobenzene	< 2500			< 1000			4.2			2.0			< 1.0		
Ethylbenzene	< 2500			< 1000			< 1.0			1.4			< 1.0		
Methylene Chloride	< 2500			< 1000			< 1.0			< 1.0			< 1.0		
Toluene	< 2500			1100			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 2500			< 1000			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	15000			6000			< 1.0			1.4			< 1.0		
Xylenes, Total	< 2500			< 1000			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
1,2-Dichlorobenzene	< 40			< 80	R	b	< 2.0			< 2.0			< 2.0		
2,4-Dimethylphenol	1600	J	b	2100	J	b	< 4.0			< 4.0			< 4.0		
2-Methlynaphthalene	< 40.0			< 80.0	R	b	< 2.0			< 2.0			< 2.0		
2-Methylphenol	210	J	b	190	J	b	< 4.0			< 4.0			< 4.0		
4-Methylphenol	< 80			390	J	b	< 4.0			< 4.0			< 4.0		
Acenaphthene	< 40			< 80	R	b	< 2.0			< 2.0			< 2.0		
Acenaphthylene	< 40			< 80	R	b	< 2.0			< 2.0			< 2.0		
Bis(2-chloroisopropyl)ether	< 40			< 80	R	b	< 2.0			< 2.0			< 2.0		
Bis(2-chloroethyl)ether	< 60			< 120	R	b	< 3.0			< 3.0			< 3.0		
Bis(2-ethylhexyl)phthalate	< 80			< 160	R	b	< 4.0			< 4.0			< 4.0		
Chrysene	< 100			< 200	R	b	< 5.0			< 5.0			< 5.0		
Diethylphthalate	< 40			< 80	R	b	< 2.0			< 2.0			< 2.0		
Fluoranthene	< 40			< 80	R	b	< 2.0			< 2.0			< 2.0		
Fluorene	< 40			< 80	R	b	< 2.0			< 2.0			< 2.0		
Naphthalene	< 40			< 80	R	b	< 2.0			< 2.0			< 2.0		
Phenanthrene	< 40			< 80	R	b	< 2.0			< 2.0			< 2.0		
Pyrene	< 40			< 80	R	b	< 2.0			< 2.0			< 2.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	0.5			0.6			< 0.2			1.9			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results - "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-025A- 06/28/91			1st Qtr M-025E- 06/28/91			1st Qtr M-026A- 06/27/91			1st Qtr M-026E- 06/27/91			1st Qtr M-027A- 06/25/91			1st Qtr M-027E- 06/26/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)																		
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			6.9			5.7		
Acetone	3.5	UJ	a	< 2.0			< 2.0			< 2.0			< 2.0			6.7		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Toluene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	3.8			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Xylenes, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)																		
1,2-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
4-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acenaphthylene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroethyl)ether	< 1.5			< 1.5			< 1.5			< 1.5			< 1.5			< 1.5		
Bis(2-ethylhexyl)phthalate	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Chrysene	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Diethylphthalate	< 1.0			3.1			< 1.0			< 1.0			< 1.0			< 1.0		
Fluoranthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Pyrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	2.9			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Res[illegible] "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-005A- 06/18/91			1st Qtr M-005A-DUP 06/18/91			1st Qtr M-006A- 07/01/91			1st Qtr M-007A- 07/02/91			1st Qtr M-008A- 07/01/91			1st Qtr M-009A- 07/16/91		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)																		
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	2.4			2.6			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	2.6	UJ	a	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Benzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Toluene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	2.0			2.7			< 1.0			< 1.0			< 1.0			< 1.0		
Xylenes, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)																		
1,2-Dichlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
2-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
4-Methylphenol	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acenaphthylene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Bis(2-chloroethyl)ether	< 1.5			< 1.5			< 1.5			< 1.5			< 1.5			< 1.5		
Bis(2-ethylhexyl)phthalate	< 2.0			< 2.0			< 2.0			< 2.0			2			< 2.0		
Chrysene	< 2.5			< 2.5			< 2.5			< 2.5			< 2.5			< 2.5		
Diethylphthalate	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Fluoranthene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Fluorene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Naphthalene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Pyrene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	< 0.2			0.6	UJ	a	< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
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R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Site 1 - Groundwater Analytical Results for "A" and "E" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-001A- 06/17/91			1st Qtr M-001E- 06/17/91			1st Qtr M-002A- 06/19/91			1st Qtr M-002E- 06/19/91			1st Qtr M-003A- 06/17/91			1st Qtr M-004A- 06/18/91		
PARAMETER REPORTED	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)																		
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			17			< 1.0			< 1.0			< 1.0		
Acetone	8.5	UJ	a	2.8	UJ	a	< 2.0			< 2.0			< 2.0			15	UJ	a
Benzene	1.0			3.1			< 1.0			< 1.0			< 1.0			< 1.0		
Chlorobenzene	< 1.0			6.2			< 1.0			< 1.0			< 1.0			< 1.0		
Ethylbenzene	< 1.0			2.1			< 1.0			< 1.0			< 1.0			< 1.0		
Methylene Chloride	< 1.0			1.4			1.2			1.2			< 1.0			< 1.0		
Toluene	< 1.0			1.2			< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			18			< 1.0			1.4			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			1.1		
Xylenes, Total	2.4			12			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)																		
1,2-Dichlorobenzene	< 1.0			< 1.0			< 2.0			< 2.0			< 1.0			< 1.0		
2,4-Dimethylphenol	< 2.0			53			< 4.0			< 4.0			< 2.0			< 2.0		
2-Methlynaphthalene	< 1.0			3.1			< 2.0			< 2.0			< 1.0			< 1.0		
2-Methylphenol	< 2.0			2.2			< 4.0			< 4.0			< 2.0			< 2.0		
4-Methylphenol	< 2.0			< 2.0			< 4.0			< 4.0			< 2.0			< 2.0		
Acenaphthene	< 1.0			3.4			< 2.0			< 2.0			< 1.0			< 1.0		
Acenaphthylene	< 1.0			< 1.0			< 2.0			< 2.0			< 1.0			< 1.0		
Bis(2-chloroisopropyl)ether	< 1.0			< 1.0			< 2.0			< 2.0			< 1.0			< 1.0		
Bis(2-chloroethyl)ether	< 1.5			< 1.5			< 3.0			< 3.0			< 1.5			< 1.5		
Bis(2-ethylhexyl)phthalate	< 2.0			< 2.0			< 4.0			< 4.0			< 2.0			< 2.0		
Chrysene	< 2.5			< 2.5			< 5.0			< 5.0			< 2.5			< 2.5		
Diethylphthalate	< 1.0			< 1.0			< 2.0			< 2.0			< 1.0			< 1.0		
Fluoranthene	< 1.0			< 1.0			< 2.0			< 2.0			< 1.0			< 1.0		
Fluorene	< 1.0			1.2			< 2.0			< 2.0			< 1.0			< 1.0		
Naphthalene	< 1.0			99			< 2.0			< 2.0			< 1.0			< 1.0		
Phenanthrene	< 1.0			1.8			< 2.0			< 2.0			< 1.0			< 1.0		
Pyrene	< 1.0			< 1.0			< 2.0			< 2.0			< 1.0			< 1.0		
PESTICIDES/PCBS (ug/L)	ND			ND			ND			ND			ND			ND		
TOTAL PETROLEUM HYDROCARBONS (mg/L)																		
Hydrocarbons, Petroleum	1.7			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical R... ...ts for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-103B- 04/23/92			4th Qtr M-104C- 03/25/92			4th Qtr M-105B- 04/13/92			4th Qtr M-108B- 03/25/92			4th Qtr M-108B-DUP 03/25/92		
PARAMETER REPORTED															
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)															
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,1-Dichloroethylene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	17			< 2.0			< 2.0			2.4	UJ	a	< 2.0		
Carbon Disulfide	2.1			< 1.0			< 1.0			< 1.0			< 1.0		
Chloromethane	1.2			< 1.0			< 1.0			< 1.0			< 1.0		
Methyl Ethyl Ketone	3.6			< 2.0			< 2.0			< 2.0			< 2.0		
Toluene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Xylenes, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)															
Bis(2-ethylhexyl)phthalate	5.8	UJ	a	< 2.0			700			2.5	UJ	a	11	UJ	a
Dimethylpthalate	59			< 2.0			< 1.0			< 2.0			< 2.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)	ND			ND			ND			ND			ND		
TOTAL PETRO. HYDROCARBONS (mg/L)															
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-103B- 02/07/92			3rd Qtr M-104C- 02/06/92			3rd Qtr M-105B- 02/05/92			3rd Qtr M-108B- 02/06/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	5.8	UJ	a	< 2.0			< 2.0			< 2.0		
Carbon Disulfide	1.7			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	1.8			3.8			4.9	UJ	a	< 1.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)	ND			ND			ND			ND		
TOTAL PETRO. HYDROCARBONS (mg/L)	ND			ND			ND			ND		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-103B- 10/08/91			2nd Qtr M-104C- 10/04/91			2nd Qtr M-105B- 10/10/91			2nd Qtr M-108B- 10/08/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	3.0	UJ	a	< 2.0			< 2.0			< 2.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	2.2	J	c	8.0			< 1.0			7.1		
PESTICIDES/PCBS/HERBICIDES (ug/L)	ND			ND			ND			ND		
TOTAL PETRO. HYDROCARBONS (mg/L)	ND			ND			ND			ND		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "B" and "C" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-103B- 07/16/91			1st Qtr M-104C 07/19/91			1st Qtr M-105B- 06/27/91			1st Qtr M-108B-		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
Acetone	2.9			< 2.0			< 2.0			NS		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			NS		
SEMIVOLATILE ORGANICS (ug/L)												
Bis(2-ethylhexyl)phthalate	< 2.2			< 2.0			< 2.0			NS		
PESTICIDES/PCBS/HERBICIDES (ug/L)	ND			ND			ND			NS		
TOTAL PETRO. HYDROCARBONS (mg/L)	ND			ND			ND			NS		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-106A- 04/17/92			4th Qtr M-107A- 04/17/92			4th Qtr M-108A- 03/24/92			4th Qtr M-109A- 04/27/92			4th Qtr M-110A- 04/22/92			4th Qtr M-111A- 04/22/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)																		
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			5.2		
1,1-Dichloroethylene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			3.3		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Carbon Disulfide	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloromethane	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methyl Ethyl Ketone	< 2.0			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Toluene	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Xylenes, Total	< 1.0			< 1.0			< 1.0			< 1.0			1.7			1.2		
SEMIVOLATILE ORGANICS (ug/L)																		
Bis(2-ethylhexyl)phthalate	4.1	UJ	a	7.8	UJ	a	4.8	UJ	a	2.9			3.1	UJ	a	13	UJ	a
Dimethylpthalate	< 1.0			< 1.0			< 2.0			< 1.0			< 2.0			< 2.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)	ND			ND			ND			ND			ND			ND		
TOTAL PETRO. HYDROCARBONS (mg/L																		
Hydrocarbons, Petroleum	0.3			< 0.2			< 0.2			0.6			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	4th Qtr M-101A- 04/14/92			4th Qtr M-102A- 04/21/92			4th Qtr M-103A- 04/23/92			4th Qtr M-103A-DUP 04/23/92			4th Qtr M-104A- 03/25/92			4th Qtr M-105A- 04/13/92		
PARAMETER REPORTED																		
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)																		
1,1-Dichloroethane	27			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,1-Dichloroethylene	< 10.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	390			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 20			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Carbon Disulfide	< 10.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Chloromethane	< 10.0			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Methyl Ethyl Ketone	< 20			< 2.0			< 2.0			< 2.0			< 2.0			< 2.0		
Toluene	< 10.0			2.4			< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	260			< 1.0			< 1.0			< 1.0			< 1.0			< 1.0		
Xylenes, Total	< 10.0			4.2			1.1			1.2			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)																		
Bis(2-ethylhexyl)phthalate	99	UJ	a	31			42	UJ	a	74	UJ	a	< 2.0			320	UJ	a
Dimethylpthalate	< 1.0			< 1.0			< 2.0			< 2.0			< 2.0			< 1.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)	ND			ND			ND			ND			ND			ND		
TOTAL PETRO. HYDROCARBONS (mg/L																		
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank e = LCS
b = surrogate spike f = replicate
c = matrix spike g = post-digestion spike recovery
d = holding time h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-110A-DUP 02/08/92			3rd Qtr M-111A- 02/08/92		
PARAMETER REPORTED						
	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)						
1,1-Dichloroethane	< 1.0			6.1		
1,1-Dichloroethylene	< 1.0			3.7		
1,2-Dichloroethene, Total	< 1.0			< 1.0		
Acetone	3.2	UJ	a	< 2.0		
Chlorobenzene	< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0		
Tetrachloroethene	< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)						
4-Chloro-3-methylphenol	< 1.5			< 1.5		
Bis(2-ethylhexyl)phthalate	7.6	UJ	a	4.5	UJ	a
Pyrene	< 1.0			< 1.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)						
Dieldrin	< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)						
Hydrocarbons, Petroleum	< 0.2			< 0.2		
OIL AND GREASE (mg/L)	NA			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-107A-DUP 02/08/92			3rd Qtr M-108A- 02/06/92			3rd Qtr M-109A- 02/07/92			3rd Qtr M-110A- 02/08/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0		
1,1-Dichloroethylene	< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0			< 1.0			< 1.0		
Tetrachloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
4-Chloro-3-methylphenol	< 2.0			< 2.0			4.3			< 1.5		
Bis(2-ethylhexyl)phthalate	50			4.0	UJ	a	3.9	UJ	a	3.5	UJ	a
Pyrene	< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)												
Dieldrin	1.66	J	c	< 0.050			< 0.050	R	b	< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		
OIL AND GREASE (mg/L)	NA			NA			NA			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-105A- 02/05/92			3rd Qtr M-105A-DUP 02/05/92			3rd Qtr M-106A- 02/08/92			3rd Qtr M-107A- 02/08/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0		
1,1-Dichloroethylene	< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0			< 1.0			< 1.0		
Tetrachloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
4-Chloro-3-methylphenol	< 2.0			< 2.0			< 2.0			< 2.0		
Bis(2-ethylhexyl)phthalate	1.7	UJ	a	1.6			7.1	UJ	a	5.0	UJ	a
Pyrene	< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)												
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		
OIL AND GREASE (mg/L)	NA			NA			NA			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	3rd Qtr M-101A- 02/05/92			3rd Qtr M-102A- 02/07/92			3rd Qtr M-103A- 02/07/92			3rd Qtr M-104A- 02/06/92		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
1,1-Dichloroethane	59			< 1.0			< 1.0			< 1.0		
1,1-Dichloroethylene	< 10.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	780			< 1.0			< 1.0			< 1.0		
Acetone	< 20			< 2.0			< 2.0			< 2.0		
Chlorobenzene	< 10.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 10.0			< 1.0			< 1.0			< 1.0		
Tetrachloroethene	10.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	16			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	390			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
4-Chloro-3-methylphenol	< 2.0			< 2.0			< 2.0			< 2.0		
Bis(2-ethylhexyl)phthalate	5.6			4.7			3.3	UJ	a	1.3	UJ	a
Pyrene	< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)												
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		
OIL AND GREASE (mg/L)	NA			NA			NA			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-108A-DUP 10/07/91			2nd Qtr M-109A- 10/04/91			2nd Qtr M-110A- 10/09/91			2nd Qtr M-111A- 10/09/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			5.1		
1,1-Dichloroethylene	< 1.0			< 1.0			< 1.0			4.1		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	2.1	UJ	a	< 2.0			< 2.0			< 2.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0			< 1.0			< 1.0		
Tetrachloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
4-Chloro-3-methylphenol	< 1.5			< 2.0			< 1.5			< 1.5		
Bis(2-ethylhexyl)phthalate	5.8	UJ	a	1.2			4.8			2.2		
Pyrene	< 1.0			< 1.0			3.4			< 1.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)												
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		
OIL AND GREASE (mg/L)	NA			NA			NA			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-105A- 10/10/91			2nd Qtr M-106A- 10/07/91			2nd Qtr M-107A- 10/07/91			2nd Qtr M-108A- 10/07/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0		
1,1-Dichloroethylene	< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0			< 1.0			< 1.0		
Tetrachloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
4-Chloro-3-methylphenol	< 2.0			< 1.5			< 1.5			< 1.5		
Bis(2-ethylhexyl)phthalate	< 1.0			4.5			5.8	UJ	a	4.7	UJ	a
Pyrene	< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)												
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			0.3			< 0.2		
OIL AND GREASE (mg/L)	NA			NA			NA			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	2nd Qtr M-101A- 09/23/91			2nd Qtr M-102A- 09/23/91			2nd Qtr M-103A- 10/08/91			2nd Qtr M-104A- 10/04/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
1,1-Dichloroethane	17			< 1.0			< 1.0			< 1.0		
1,1-Dichloroethylene	< 10.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	250			< 1.0			< 1.0			< 1.0		
Acetone	44			< 2.0			< 2.0			< 2.0		
Chlorobenzene	< 10.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 10.0			< 1.0			< 1.0			< 1.0		
Tetrachloroethene	< 10.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 10.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	150			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
4-Chloro-3-methylphenol	< 2.0			< 2.0			< 1.5			< 2.0		
Bis(2-ethylhexyl)phthalate	41	UJ	a	110	UJ	a	3.3			2.2		
Pyrene	< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)												
Dieldrin	< 0.050			< 0.050			< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		
OIL AND GREASE (mg/L)	NA			NA			NA			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-110A- 07/17/91			1st Qtr M-111A- 07/18/91		
PARAMETER REPORTED						
	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)						
1,1-Dichloroethane	< 1.0			7.2		
1,1-Dichloroethylene	< 1.0			4.7		
1,2-Dichloroethene, Total	< 1.0			< 1.0		
Acetone	< 2.0			< 2.0		
Chlorobenzene	< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0		
Tetrachloroethene	< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)						
4-Chloro-3-methylphenol	< 1.5			< 1.7		
Bis(2-ethylhexyl)phthalate	< 2.0			< 2.3		
Pyrene	< 1.0			< 1.1		
PESTICIDES/PCBS/HERBICIDES (ug/L)						
Dieldrin	< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)						
Hydrocarbons, Petroleum	< 0.2			< 0.2		
OIL AND GREASE (mg/L)	NA			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-105A- 06/26/91			1st Qtr M-106A- 07/19/91			1st Qtr M-107A- 07/17/91			1st Qtr M-109A- 07/16/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0		
1,1-Dichloroethylene	< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	< 1.0			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			< 2.0			< 2.0			< 2.0		
Chlorobenzene	< 1.0			1.7			< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0			< 1.0			1.4		
Tetrachloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	< 1.0			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
4-Chloro-3-methylphenol	< 1.5			< 1.5			< 1.5			< 1.5		
Bis(2-ethylhexyl)phthalate	< 2.0			< 2.0			< 2.0			< 2.0		
Pyrene	< 1.0			< 1.0			< 1.0			< 1.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)												
Dieldrin	< 0.050			< 0.050	UJ	b	< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		
OIL AND GREASE (mg/L)	NA			NA			NA			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

Table 2 - Runway Area - Groundwater Analytical Results for "A" Wells - Organic Compounds

Sample Number Date Sampled	1st Qtr M-101A- 06/23/91			1st Qtr M-102A- 06/24/91			1st Qtr M-103A- 07/16/91			1st Qtr M-104A 07/19/91		
PARAMETER REPORTED												
	Results	Val	Com	Results	Val	Com	Results	Val	Com	Results	Val	Com
VOLATILE ORGANICS (ug/L)												
1,1-Dichloroethane	< 1.0			< 1.0			< 1.0			< 1.0		
1,1-Dichloroethylene	< 1.0			< 1.0			< 1.0			< 1.0		
1,2-Dichloroethene, Total	11			< 1.0			< 1.0			< 1.0		
Acetone	< 2.0			5.7			< 2.0			< 2.0		
Chlorobenzene	< 1.0			< 1.0			< 1.0			< 1.0		
Chloroform	< 1.0			< 1.0			< 1.0			< 1.0		
Tetrachloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Trichloroethene	< 1.0			< 1.0			< 1.0			< 1.0		
Vinyl Chloride	2.9			< 1.0			< 1.0			< 1.0		
SEMIVOLATILE ORGANICS (ug/L)												
4-Chloro-3-methylphenol	< 3.0			< 3.0			< 1.5			< 1.5		
Bis(2-ethylhexyl)phthalate	< 4.0			< 4.0			< 2.0			< 2.0		
Pyrene	< 2.0			< 2.0			< 1.0			< 1.0		
PESTICIDES/PCBS/HERBICIDES (ug/L)												
Dieldrin	< 0.053			< 0.051			< 0.050			< 0.050		
TOTAL PETRO. HYDROCARBONS (mg/L)												
Hydrocarbons, Petroleum	< 0.2			< 0.2			< 0.2			< 0.2		
OIL AND GREASE (mg/L)	NA			NA			NA			NA		

Qualifiers:

Val = Validity data qualifiers
UJ = Qualified, estimated not detected
J = Qualified, estimated value
R = Qualified, not usable
< = Analyte reported below detection limit

Com = QC issues, defined below, used for data qualification
a = method blank
b = surrogate spike
c = matrix spike
d = holding time
e = LCS
f = replicate
g = post-digestion spike recovery
h = laboratory indicated questionable data

1.2.3.2 Sample Handling. Appendix H contains copies of the completed signed chains of custody. Most of samples were received intact and at the correct temperature. Listed below are those samples that were received broken or unacceptable.

Soil

- C-203 - one container received broken on 5/9/91
- E-202 - one container received broken on 5/10/91
- F-200 - one container received broken on 5/10/91
- G-209 - one container received broken on 5/10/91
- 309SW - one container received broken on 5/25/92
- 310SW - one container received broken on 5/25/92
- 311SW - one container received broken on 5/25/92
- 312SW - one container received broken on 5/25/92
- 304SW - one container received broken on 5/25/92
- 307SW - one container received broken on 5/25/92
- Trip Blanks were not included with 5/31/91 shipment with Equipment Blank 29.
- Trip Blanks were not included with 6/2/91 sample 323SW.

First Quarter

- M-105B - one container received broken on 6/28/91
- M-104A - received at 15¤C and one broken container received on 7/17/91
- Trip Blank 122 - 7/17 cooler was shipped on 7/15; received on 7/17/91
- M-103B - one container received broken on 7/18/91
- M-015A - two containers received broken on 7/21/91

Second Quarter

- M-007C - one container received broken on 9/24/91

Third Quarter

- M-001A - one container received broken on 1/14/92
- M-002E - one container received broken on 1/14/92
- dup 71 - one container received broken on 1/15/92
- M-010A - VOA vials were not filled on 1/17/92; sent later
- M-012A - one container received broken on 1/19/92
- Equipment Blank 94 - one container received broken on 2/8/92
- Equipment Blank 87 - one container received broken on 3/25/92
- M-104C - one container received broken on 3/26/92
- M-108B - metals fraction cap came off container during shipment on 3/26/92

Fourth Quarter

- M-010A - one container was cut open on 4/9/92
- M-006A - one container was not filled on 4/10/92
- M-007A - one container had lid come off during shipment on 4/2/92
- Equipment Blank 95 - one container received broken on 4/22/92
- M-014B - one container received broken on 4/22/92
- M-009A - one container received broken on 4/24/92
- M-103A - one container received broken on 4/24/92
- M-023B - one container received broken on 4/25/92

1.2.3.3 Sample Holding Time Nonconformances. All soil pH data was noted for missed hold times. The established one day criteria is for water matrices, it is only a guideline for soil samples; therefore, soil data were not qualified.

Sample MWE-5 missed the SVOC extraction holding time by one day; all sample results were qualified as estimates.

Samples within batch G20603, for total dissolved solids, missed the analytical holding time due to analyst error. Samples were qualified as estimates.

Petroleum hydrocarbon samples M-021E and M-023E missed holding times within the first quarter groundwater event. Samples were qualified as estimates.

1.2.3.4 Reporting Limits and Sample Dilutions. The method reporting limit (MRL) for each analysis are provided in Appendix I. Samples required dilutions to meet the analytical method requirements of quantitation for the analyte. The MRL for these samples were multiplied by the dilution factor. All samples which required dilutions for quantitation contained high concentrations for the analytes found.

1.2.3.5 Comparability. Canonie's QAPjP incorporated EPA analytical methods. JMM believed that by analyzing VOC, SVOC, pesticides/PCBs, and metals following USEPA CLP protocols, data quality would be acceptable for NAS Alameda soil and water sample analyses. Comparison of Canonie data against ESE data is possible. Both the CLP and SW-846 methods contain the same analyte or compound list and the results are reported in the same units of measure. CLP methods provide additional QC for assessment of validity.

1.3 DEVIATIONS FROM THE QAPjP

This section addresses deviations from the analytical methods originally outlined in the QAPjP. Canonie's QAPjP lists EPA SW-846 analytical methods. JMM QAPjP Addendum changed the methods to utilize USEPA Contract Laboratory Program (CLP) protocol for VOC, SVOC, pesticides/PCBs, metals, and cyanide. The CLP protocols were recommended by JMM because the project required Level III assessment.

1.4 SAMPLE QUALITY SUMMARY

Analytical data collected at NAS Alameda for CTO 107 are of a known quality based on the QA/QC exercised during this phase. Although most of the data is acceptable, a percentage of the data is qualified due to variable events. Listed on Table 2 are informative summaries of all qualified samples and batches taken from the data review. Details of these data are discussed by parameter in Section 2.

2.0 QUALITY CONTROL RESULTS

This section provides an itemized summary of the field and laboratory quality control sample results which were used to meet the DQOs of the project. Detailed summaries that are specified on a per batch basis is found within Appendix J. Appendix A contains cross reference tables of the field and laboratory sample identification numbers. The Method Reporting Limits (MRL) for the measured analytes are included in Appendix I. The analytical results have been summarized and reported in the Analytical Data Report (ESE, 1991d). The following section lists samples by matrix type analyzed with each analysis and their acceptability based on the DQO defined in Section 1 of this report. The QC results for the water and soil samples are evaluated against the control limits which are established in the JMM QAPjP Addendum 1991 which follows USEPA CLP Statement of Work (SOW) (EPA, 1988) and the project QAPjP (Canonie, 1990).

Data that did not meet acceptability limits were qualified. These data have been 'flagged' with EPA qualifiers. Data that has been qualified as estimates have a "J" suffix next to the analyte or compound value. Estimated data are usable for limited purposes for this project. Data that were qualified as undetected due to blank contamination have an "UJ" qualifier. These data were found to be less than the multiplier of the blank sample. Sample data that were rejected have the "R" suffix attached to the sample result. There was a limited amount of data that were qualified as being rejected due to low surrogate recoveries.

2.1 SOIL SAMPLES

Soil samples, including surface soils, were collected from April 24 to June 3, 1991.

2.1.1 Volatile Organic Compounds

The following compounds were detected in VOC soil method blanks at the following maximum concentrations:

Compound	Concentration
Acetone	25 µg/kg
Benzene	0.24 µg/kg
Chloroform	0.24 µg/kg
Hexanone	1.3 µg/kg
Methylene Chloride	13 µg/kg
Methyl ethyl ketone	1.3 µg/kg
Styrene	0.22 µg/kg
Trichloroethane	0.37 µg/kg

- The following samples were qualified as non-detected estimates (UJ) due to acetone contamination found within blank data: M-005A-003, M-007A-004, M-009-003, M-026A-004, M-026E-020 and associated duplicate, M-027B-005, M-027E-019, M-028E-006, M-029E-002 and associate duplicate, M-001B-057, M-007C-078 and associated duplicate, M-027C-090.

The remaining soil VOC QC data were acceptable.

2.1.2 Semivolatile Organic Compounds

Maximum Bis (2-ethylhexyl) phthalate concentration found within a method blank was at 170 µg/Kg.

- The following samples were qualified as non-detected estimates (UJ) due to acetone contamination found within blank data: M-002A-006, M-002E-022, M-003A-005, M-006A-005, M-007-004, M-027A-003, M-027E-019, M-007C-078, M-007C-078dup, M-020B-058, M-019E-034, M-021E-034, M-025C-080, and M-101A-004.

Sample data qualified due to matrix spikes and LCS recoveries that do not meet acceptable criteria limits are as follows:

- All compounds for positives and non-detects were estimated in samples E-205dup and J-201dup; positive results of sample 310SDdup were estimated.

- Pentachlorophenol was qualified as an estimate value in the following samples: M-001A-013, M-001E-005, M-026A-004, M-026-020, M-027B-005, M028A-007, M-028E-006, M-029A-004, M-029E-002, M-029E-002dup, M-026E-020dup, M-001B-000, M-025C-000, M-026A-000, M-027C-000, M-028A-000, M-029A-000, M-024E-019, M-018A-000, M-019A-000, M-020B-000, M-021C-000, M-022B-000, M-023A-000, M-024A-000, A-201, A-202, A-203, C-203dup, A-204 through A-210, A-208dup, M-024A-003, B-201 through B-210, B-209dup, C-200 through C-208, D-205dup, M-023E-025, M-023A-004, L-204, L-205, L-206, M-020A-004, M-002A-000, M-009A-000, M-011A-000, M-13C-000, M-015A-000, M-016A-000, M-017A-000, M-104C-000, M-106A-000, M-107A-000, M-109A-000, M-104C-000dup, M-005A-000dup, M-207dup, M-020E-033, M-021C-092, M-003A-000, M-004A-000, M-005A-000, M-006A-000, M-002A-000dup, M-008A-000, N-205 through N-210, M-007A-000, M-005a-003, M-006A-005, M-007A-004, M-104C-062, 311SD, 312SD, M-007C-078dup, M-027C-090, M-101A-004, M-111A-003, M-111A-000, M-007C-078, M-102A-004, M-106A-003, M-107A-002, 301SD, 302SD, 303SD, 304SD, 305SD, H-210dup, F-202dup, and M-104A-002dup.

- Pyrene was qualified as an estimate value in the following samples: A-204 through A-210, M-208dup, B-209dup, C-207, C-208, M-023E-025, M-023A-004, K-209dup, K-210, L-204dup, L-208, L-209, L-209dup, L-210, M-201, M-202, M-203, M-205, M-206, M-207, M-210, N-201dup, N-201, N-200, N-202, E-210, M-022E-035, M-022A-005dup, H-210, I-200, I-203, I-205, I-206, I-207, I-210, J200, J201, J202, H-210dup, M-024E-010, I-201, I-204, I-209, M-017A-005, M-018A-006, M-018E-046, M-109E-034, M-020B-058, M-018E-046dup, M-002A-006, M-002E-022, M-025C-080, M-003A-005, M-019E-004, and H-201dup.

- Phenol was qualified as an estimate value in the following samples: L-204, L-205, L-206, M-020A-004, M-002A-000, M-009A-000, M-011A-000, M-13C-000, M-015A-000, M-016A-000, M-017A-000, M-104C-000, M-106A-000, M-107A-000, M-109A-000, M-104C-000dup, M-005A-000dup, M-207dup,

Sample data qualified due to surrogate recoveries that do not meet acceptable criteria limits are as follows:

- Estimated values for positive results: M-001E-000, M-029E-002, M-026A-000, I-206, 310SD, and M-017A-005.
- Estimated values for both positive and non-detected data: M-209.
- Estimated base/neutral compounds for positive results: M-028A-000.
- Rejected base/neutral compounds for non-detected results: M-001A-013 and M-028A-000.
- All non-detected data that were rejected: I-206, 310SD, and M-017A-005.

2.1.3 Organochlorine Pesticides and Polychlorinated Biphenyls

Sample data qualified due to matrix spikes and LCS recoveries that do not meet acceptable criteria limits are as follows:

- All data qualified as estimates for sample C-203dup.

- The positive Aroclor-1260 result of sample G-205 was qualified as an estimate.

- Positive results of Aroclor-1260 and Aldrin qualified as estimates in the following samples: M-023A-004, M-023E-025, M-024A-003, M-018A-000, M-019A-000, M-020B-000, M-21C-000, M-022B-000, M-023A-000, M-024A-000, A-201, A-204, A-205, A-206, A-207, A-208, A-208dup, M-020A-004, M-002A-000, M-009A-000, M-011A-000, M-013C-000, M-015A-000, M-016A-000, M-201, M-202, M-203, M-205, M-206, M-207, M-208, M-210, N-200, N-201, N-202, N-204, and N-207dup.

- Positive results of Aroclor-1260 qualified as estimates in the following samples: M-022A-005, G-209, G-210, H-200 through H-210, I-203 through I-207, K-209dup, M-003A-000, M-004A-000, M-005A-000, M-006A-000, M-007A-000, M-008A-000, M-017A-000, M-104C-000, M-106A-000, M-107A-000, M-109A-000, M104C-000dup, M-002A-000dup, M-005A-000dup, N-205 through N-210, M-020E-033, M-021C-092, I-208dup, M-021A-005, M-021E-034, M-027A-003, M-027E-019, I-202, I-208, J-205, K-202, K-208, L-207, M-204, M-209, and N-203.

Sample data qualified due to surrogate recoveries that do not meet acceptable criteria limits are as follows:

- Positive results of the following samples were qualified as estimates: M-023E-025, M-020B-000, M-021C-000, M-023A-000, M-024A-000, F-200, F-203, F-210, G-204, H-204, H-208, I-203, I-205, M-020A-004, M-002A-000, M-011A-000, M-013C-000, M-015A-000, M-206, M-207, M-210, M-007C-078, M-101A-004, M-102A-004, M-106A-003, M-107A-002, M-111A-000, and 301SD.

- Both positive and non-detect data were qualified as estimates for the following samples: M-027C-090 and E-201.

- Positive results qualified as estimates and non-detects qualified as rejected: B-203 and G-201.

Sample data qualified as estimated due to missed extraction holding time by two and five days: M-001B-057, M026E-020, M-027B-005, M-022A-005dup, E-200, E-202 through E-209, E-205dup, F-202dup, G-208dup, H-210, and J-201dup.

2.1.4 Petroleum Hydrocarbons

Method blanks contained petroleum contamination that ranged from 0.415 µg/g to 3.2 µg/g. Positive sample results were greater than five times the amount within the corresponding method blanks; therefore, data were not qualified.

2.1.5 Oil and Grease

Method blanks contained petroleum contamination that ranged from 0.04 µg/g to 0.6 µg/g. Positive sample results were greater than five times the amount within the corresponding method blanks; therefore, data were not qualified.

2.1.6 Metals

The following compounds were detected in metal soil method blanks at the following maximum concentrations:

Analyte	Concentration
Aluminum	0.039 mg/kg
Barium	0.002 mg/kg
Calcium	1.39 mg/kg
Copper	0.004 mg/kg
Iron	6.8 mg/kg
Magnesium	0.046 mg/kg
Manganese	0.003 mg/kg
Silver	0.006 mg/kg
Sodium	1.28 mg/kg
Vanadium	0.004 mg/kg
Zinc	0.008 mg/kg

- Sample data qualified as undected estimates (UJ) due to calcium method blank contamination: EB-8, EB-9, EB-10. Field soil samples were not qualified for any of the method blank contaminants.

Sample data that were qualified due to LCS and MS sample recoveries are listed below.

- Positive results of aluminum qualified as estimates in all the field samples.

- Positive results of antimony qualified as estimates in samples: 302SD, 310SD,M-011A-000, M-017A-000, M-013C-070, M021C-092, M-101A-000, M-102A-000, M-104A-002, M-110A-003, M-002A-000, M-002A-000dup, M-003A-000, M-004A-000, M-004A-004, M-005-003, M-006A-000, M-006-005, M-007A-000, M-025E-022, and M-027C-090.

- Non-detected antimony results qualified as undetected estimates: M-007A-004, M-008A-000, M-008A-004, M-009A-000, M-025A-004, M-005A-000, M005A-000dup, M104C-062, M-104A-002 dup, , M-104C-000dup, M-106A-000, M107A-000, M109A-000, M-109A-007, M-111A-000M-111A-003, 301SD, 303SD, 304SD, 305SD, 306SD, 307SD, 308SD, 309SD, 310SDdup, 311SD, 312SD, M-011A-004, M-013A-003, M-013A-003, M-013C-000, M-015A-000, M-015A-005, M-016A-000, and M-020E-033.

- Positive barium results qualified as estimated: M-025E-022, M-027A-003, M-027E-019, M-002A-006, M-002E-022, M-007A-004, M-008A-004, M-009A-003, M-025A-004, M-003-005, M-004A-004, M-005A-003, M-006A-005, 301SD through 312SD,M-011A-004, M-013A-003, M-015A-005, M-016A-004, M-017A-005, M-018A-006, M-018E-046, M-018E-046dup, M-019E-004, M-019E-034, M-21A-005, M-021E-034, M-013C-070, M-020B-058, M-025C-080, M-027C-090, M-101A-000, M-102A-000, M-104A-002, M-104A-002dup, M-109A-007, M-110A-003, M-111A-000, M-111A-003, and M-104C-062.

- Positive results of beryllium were qualified as estimates in the following samples: M-025E-022, M-007A-004, M-008A-004, M-009A-003, M-025A-004, M-004A-004, M-005A-003, M-006A-005, 301SD through 312SD, M-11A-004, M-013A-003, M-015A-005, M-022A-005, M-022A-005dup, M-022E-035, M-013C-070, M-001B-057, M-027C-090, M-101-000, M-102A-000, M104A-002, M-104A-002 dup, M-109A-007, M-110A-003, M-111A-000, M-111A-003, and M-104C-062.

- Positive results of cadmium were qualified as estimates in the following samples: M-026A-000, M-026A-004, M-027B-005, M-027C-000, M-028A-007, M-028E-006, M-029A-000, M-029A-004, M-029E-002, M-029E-002dup, M-001A-013, M-001B-000, M-025C-000, M-018A-000, M-019A-000, M-020B-000, M-022A-005, M-022A-005dup, M-022B-000, M-022E-035, M-023A-000, M-023A-004, M-0233E-025, M-024A-000, M-024A-003, M-024E-010, and M-024E-019.

- Positive results of calcium were qualified as estimates for the following samples: M-001A-013, M-001B-000, M-0001E-005, M-002A-000, M-002A-000, M-002A-006, M-002E-022, M-003A-000, M-003A-005, M-004A-000, M-004A-004, M-005A-000, M-005A-000dup, M-005A-003, M-006A-000, M-006-005, M-007A-000, M-007A-004, M-008A-000, M-008A-004, M-009A-003, M-025A-004, M-025C-000, M-011A-000, M-011A-004, M-013A-003, M-013C-000, M-015A-000, M-015A-005, M-016A-000, M-016A-004, M-017A-000, M-017A-005, M-018A-000, M-018A-006, M-018E-046, M-018E-046dup, M-019A-000, M-019E-004, M-019E-034, M-020B-000, M-020E-033, M-021E-034, M-022A-005, M-022A-005dup, M-022B-000, M-022E-035, M-023A-000, M-023A-004, M-023E-025, M-024A-000, M-024A-003, M-024E-010, M-024E-019, M-013C-070, M-020B-058, M-021C-092, M-001B-057, M-025C-080, M-027C-090, M-104C-062, M-101A-000, M-102A-000, M-104A-002, M-104A-002dup, M-104C-000, M-104C-000dup, M-106A-000, M-107A-000, M-109A-000, M-109A-007, M-110A-003, M-111A-000, M-111A-003, M-025E-022, M-026A-000, M-026A-004, M-026E-020, M-026E-020dup, M-027A-003, M-027B-005, M-027C-000, M-027E-019, M-028A-000, M-028A-007, M-028E-006, M-029A-000, M-029E-002, M-029E-002dup, 301SD through 312SD.

- Positive results of chromium were qualified as estimates for the following samples: M-001A-013, M-001B-000, M-0001E-005, M-002A-000, M-002A-000, M-002A-006, M-002E-022, M-003A-000, M-003A-005, M-004A-000, M-004A-004, M-005A-000, M-005A-000dup, M-005A-003, M-006A-000, M-006-005, M-007A-000, M-007A-004, M-008A-000, M-008A-004, M-009A-003, M-025A-004, M-025C-000, M-011A-000, M-011A-004, M-013A-003, M-013C-000, M-015A-000, M-015A-005, M-016A-000, M-016A-004, M-017A-000, M-017A-005, M-018A-000, M-018A-006, M-018E-046, M-018E-046dup, M-019A-000, M-019E-004, M-019E-034, M-020B-000, M-020E-033, M-021E-034, M-022A-005, M-022A-005dup, M-022B-000, M-022E-035, M-023A-000, M-023A-004, M-023E-025, M-024A-000, M-024A-003, M-024E-010, M-024E-019, M-013C-070, M-020B-058, M-021C-092, M-001B-057, M-025C-080, M-027C-090, M-104C-062, M-101A-000, M-102A-000, M-104A-002, M-104A-002dup, M-104C-000, M-104C-000dup, M-106A-000, M-107A-000, M-109A-000, M-109A-007, M-110A-003, M-111A-000, M-111A-003, M-025E-022, M-026A-000, M-026A-004, M-026E-020, M-026E-020dup, M-027A-003, M-027B-005, M-027C-000, M-027E-019, M-028A-000, M-028A-007, M-028E-006, M-029E-002, M-029E-002dup, 301SD through 312SD.

- Positive results of cobalt were qualified as estimates in the following samples: M-104C-000, M-104C-000dup.

- Positive results of copper were qualified as estimates in the following samples: M-001A-013, M-001B-000, M-0001E-005, M-002A-000, M-002A-000, M-002A-006, M-002E-022, M-003A-000, M-003A-005, M-004A-000, M-005A-000, M-005A-000dup, M-006A-000, M-007A-000, M-008A-000, M-009A-000, M-011A-000, M-013C-000, M-015A-000, M-016A-000, M-016A-004, M-017A-000, M-017A-005, M-018A-000, M-018-006, M-018E-046, M-018E-046, M-019A-000, M-019E-004, M-019E-034, M-020B-000, M-020E-033, M-021A-005, M-021E-034, M-022B-000, M-023A-000, M-023A-004, M-023E-025, M-024A-000, M-024A-003, M-024E-010, M-024E-019, M-020B-058, M-021C-092, M-001B-057, M-025C-080, M-027C-090, M-106A-000, M-107A-000, M-109A-000, M-026A-000, M-026A-004, M-026E-020, M-026E-020dup, M-027A-003, M-027B-005, M-027E-019, M-028A-000, and M-029E-002.

- All positive results of iron were qualified as estimates except the following samples: M-020A-004, M-021C-000, M-025C-080, M-028A-007, M-028E-006, M-029A-000, M-029A-004, and M-029E-002.

- Positive results of magnesium were qualified as estimates in the following samples: M-002A-006, M-022A-005, M-022A-005dup, and M-022E-035.

- Positive results of manganese were qualified as estimates for the following samples: M-001A-013, M-001B-000, M-001E-005, M-002E-022, M-003A-005, M-004A-004, M-005A-003, M-006A-005, M-007A-004, M-008A-004, M-009A-003, M-025A-004, M-025C-000, M-011A-004, M-013A-003, M-015A-005, M-016A-004, M-017A-005, M-018A-000, M-018E-046, M-018E-, M-019A-000, M-019E-004, M-019E-034, M-020B-000, M-021A-005, M-021E-034, M-022A-005, M-022A-005dup, M-022B-000, M-022E-035, M-023A-000, M-023A-004, M-023-025, M-024A-000, M-024A-003, M-024E-010, M-024E-019, M-013C-070, M-020B-058, M-001B-057, M-007C-078, M-007C-078dup, M-027C-090, M-104C-062, M-101A-000, M-101A-004, M-102A-000, M-104A-002, M-106A-003, M-107A-002, M-107A-002, M-109A-007, M-110A-003, M-11A-000, M-111A-003, M-025E-022, M-026A-000, M-026E-020dup, M-027C-000, M-027E-019, M-028A-000, M-028A-007, M-028E-006, M-029A-004, M-029E-002, M-029E-002dup, 301SD through 312SD.

- Positive results of nickel were qualified in the following samples: M-002A-000, M-002A-000dup, M-003A-000, M-004A-000, M-005A-000, M-005A-000dup, M-007A-000, M-008A-000, M-009A-000, M-011A-000, M-013C-000, M-015A-000, M-016A-000, M-017A-000, M-020E-033, M-021C-092, M-007C-078, M-007C-078dup, M-101A-

004, M-102A-004, M-104C-000, M-104C-000dup, M-106A-000, M-106A-003, M-107A-000, M-107A-002, and M-109A-000.

- Positive silver results were qualified as estimates in the following samples: M-022A-005, M-022A-005, and M-022E-035.

- Non-detected results of silver were qualified as an estimate in M-001B-057.

- Sodium positive results were qualified as estimated in the following samples: M-002A-000, M-002A-000dup, M-003A-000, M-004A-000, M-005A-000, M-005A-000dup, M-006A-000, M-007A-000, M-008A-000, M-009A-000, M-011A-000, M-013C-000, M-016A-000, M-017A-000, M-020A-005, M021C-092, M-104C-000, M-104C-000dup, M-106A-000, M-107A-000, and M-109A-000.

- Positive results of vanadium were qualified as estimates in the following samples: M-007C-078, M-007C-078dup, and M-101A-004.

- The following samples had the positive zinc results qualified as estimates: M-001A-013, M-001B-000, M-001E-005, M-002A-000, M-002A-000dup, M-003A-000, M-004A-000, M-005A-000, M-005A-000dup, M-006A-000, M-007A-000, M-008A-000, M-009A-000, M-025C-000, M-011A-000, M-013C-000, M-015A-000, M-016A-000, M-017A-000, M-018A-000, M-019A-000, M-020B-000, M-020E-033, M-023A-000, M-023A-004, M-023E-025, M-024A-000, M-02A-003, M-024E-010, M-026A-000, M-026A-004, M-026E-020, M-026E-020dup, M-027B-005, M-027C-000, M-021C-092, M-028A-000, M-028A-007, M-028E-006, M-029A-004, M-029E-002, and M-029E-002dup.

2.1.7 Arsenic

Samples with qualified positive results as estimates due to arsenic post digestion spike recoveries greater than acceptable limits were : E-201, E-204, E-206, E-208, F-201, F-207, F-209, G-204, G-209, L-204, and M-007C-078dup.

Positive arsenic values qualified as estimates due to post digestion spike recoveries that were below the acceptable limit of 85% are M-007A-000, M-109A-000, and N-201dup.

2.1.8 Lead

One method blank contained 0.003 mg/kg of lead. The samples within the QC batch had positive values that were greater than five times the amount within the method blank. Sample data were not qualified based on method blank contamination.

Sample data qualified as estimates due to MS and LCS recoveries were: M-007C-078, M-007C-078dup, M-101A-004, M-102A-004, M-106-003, and M-107A-002.

Positive results of lead were qualified as estimates in the following samples due to post digestion spike recoveries less than 85%: M-021C-092, M-106A-000, M-019A-000, and M-002A-000.

Sample data that were qualified as estimates based on poor replicate precision were: L-205, L-206, L-204dup, M-202, M-205, M-206, M-207dup, N-204, N-206, N-207, N-210, and N-207dup.

2.1.9 Mercury

Samples B-209dup H-201 was qualified as an estimate value due to a high RPD value.

Samples that were qualified as estimates due to MS and LCS recoveries were: M-020-004, M-020E-033, M-021C-092, M-002A-000, M-003A-000, M-004A-000, M-005A-000, M-006A-000, M-007A-000, M-008A-000, M-009A-000, M-011A-000, M-013C-000, M-015A-000, M-016A-000, M-017A-000, M-104C-000, M-106A-000, M-107A-000, M-109A-000, M-104C-000dup, M-002A-000dup, M-005A-000dup, H-203, H-204, H-205, H-206, H-207, H-208, H-209, H-210, I-200, I-201, E-205dup, F-202dup

2.1.10 Selenium

The following sample data were qualified as estimates due to post digestion spike recoveries below 85%: M-001A-013, M-001E-005, M-023A-004, M-024A-003, M-024E-019, M-026A-004, M-026E-020, M-027B-005, M-028A-007, M-028E-006, M-029A-004, M-029E-002, M-029E-002dup, M-026E-020dup, M-001B-000, M-018A-000, M-020B-000, M-021C-000, M-022B-000, M-023A-000, M-024A-000, M-025C-000, M-026A-000, M-027C-000, M-028A-000, M-029A-000, A-201 through A-207, A-210, M-001B-057, M-022A-005, M-022E-035, M-022A-005dup, B-201 through B-210, C-200 through C-210, D-200 through D-210, A-208dup, B-209dup, E-200 through E-210, F-200, F-203 through F-210, G-200 through G-207, G-209, G-210, H-200, H-201, H-202, C-203dup, M-020A-004, M-020E-033, M-21C-092, M-002A-000, M003A-000, M-004A-000, M-005A-000, M-006-000, M-016A-000, M-017A-000, M-106A-000, M-109A-000, M-104C-000dup, M-002A-000dup, M-005A-000dup, H-203, H-204, H-205, H-207, H-208, H-209, H-210, I-200, I-201, E-205dup, M-002A-006, M-002E-022, M-018A-006, M-025C-080, M-027A-003, M-018E-046dup, I-202, K-202, K-208, L-207, M-209, N-203, I-208dup, I-203 through I-206, I-209, I-210, J-200 through J-210, K-200, K-201, K-207, K-208, K-209, K-210, L-200, L-201, H-210dup, L-206, L-209, L-210, M-201, M-203, M-207, M-210, N-201, N-202, N-205, N-208, J-201dup, K-209dup, N-201dup, N-207dup, M-004A-004, M-005A-003, M-027C-090, 302SD through 310SDdup, M-007C-078, M-101A-004, M-102A-004, M-106A-003, M-107A-002, and M-007C-078dup.

2.1.11 Thallium

The following samples had positive thallium results qualified as an estimate value: M-104C-000, M-104C-000dup, M-106A-000, M-107A-000, M-109A-000, M-026A-000, M-026A-004, M-026A-020, M-026AE-020dup, M-027B-005, M-027C-000, M-028A-000, M-028A-007, M-028E-006, M-029A-004, M-029E-002, and M-029E-002dup.

2.1.12 pH

The holding time for all the soil data exceeded the suggested one day holding by as much as 27 days. The holding time is applicable for water samples and does not qualify soil data.

2.1.13 Percent Solids

Data were acceptable and not qualified.

2.1.14 Percent Moisture

Due to replicate RPD, samples D-201 and N-207dup were qualified as estimates.

2.1.15 Total Organic Carbon

The following samples were qualified as estimates due to replicate RPD values greater than 20%: M-027B-005, M-022A-005dup, M-029E-002dup, 301SD, M-104A-002dup, and M-007C-078dup.

2.1.16 Radiochemistry

A majority of the radionuclide batches had minute amounts of contamination. Samples M-021-005, M-022A-005, M-022E-035, and M-024A-003 were qualified as undetected for Radium 226; the remaining radionuclides were not found at significant levels to qualify positive values of gross alpha, gross beta, and Radium 228.

2.1.17 Asbestos

Soil asbestos data were acceptable based on the duplicate analyses.

2.2 SURFACE AND SOURCE WATER SAMPLES

The source water was collected on April 25, 1991. The surface water samples were collected May 22 through 29, 1991.

2.2.1 Volatile Organic Compounds

Acetone was detected in one method blank at a concentration of 5.0 µg/L. The following samples were qualified as undetected (UJ) due to laboratory contamination: 303SWdup and 305SW.

Due to surrogate recoveries, the following samples were qualified as estimates for positive and non-detected data: 303SW, 306SW and 308SW.

Due to a 120% surrogate recovery of 1,2-dichloroethane, positive results in sample 313SW was qualified as an estimate.

2.2.2 Semivolatile Organic Compounds

Sample 323SW non-detected acid fraction compounds were qualified as rejected due to 2-fluorophenol recovery below 10%.

2.2.3 Organochlorine Pesticides and Polychlorinated Biphenyls

Due to DBC recoveries of 24.3% and 35.8%, samples 321SW and 322SW results were qualified as estimates.

2.2.4 Petroleum Hydrocarbons

One method blank contained 0.1 mg/L of total recoverable petroleum hydrocarbon contaminants. The surface and source water did not have any positive results for the hydrocarbon; therefore, data were not qualified.

2.2.5 Metals

Maximum contaminant levels found within the method blanks were:

Analyte	Concentration
Calcium	279 µg/L
Potassium	605 µg/L
Sodium	77.7 µg/L
Zinc	4.9 µg/L

- Two equipment rinsates, EB 27 and EB 28, were qualified as undetected estimates (UJ) for calcium.

Due to replicate precision, barium, calcium, silver, aluminum, chromium, nickel, antimony, vanadium, cobalt, and copper values were qualified as estimates in the surface water samples.

2.2.6 Arsenic

Due to post digestion spike recoveries below the acceptable limit of 72%, the following samples were qualified as estimates for positive and non-detect values: 302SW through 312SW and 314SW.

2.2.7 Lead

Surface and source water QC was acceptable.

2.2.8 Mercury

Due to MS and spike duplicate recoveries that were found below acceptability limits, surface and source values are estimates.

2.2.9 Selenium

Samples that were qualified as estimates due to low post digestion spike recoveries below 71% were: 301SW through 312SW, 315SW, 317SW, and 321SW.

2.2.10 Thallium

Both positive and non-detected values of thallium within surface waters 301SW through 322SW were qualified as estimates due to post digestion spike recoveries below 74%.

2.2.11 Cyanide

Cyanide data were acceptable.

2.2.12 Acidity

The maximum level of acidity detected in the method blank was found at 1.1 mg/L. Samples that were qualified as undetected (UJ) due to values less than five times the amount of the blank were 317SW, EB 27, and EB 28.

The following samples had data qualified as estimates due to MS accuracy: 303SW, 311SWdup, 320SW, and 323SW.

2.213 Alkalinity

Due to method blank contamination, EB 27 alkalinity value was qualified as undetected (UJ).

2.2.14 Common Anions

Small amounts of the three anions; chloride, fluoride, and sulfate, were detected within the method blank. Positive fluoride results were qualified as undetected (UJ) in the following samples: 301SW, 303SW, 303SW dup, 305SW, 307SW, 309SW, 310SW, 311SW, 312SW, 316SW, 317SW, 318SW, and 323SW.

2.2.15 Hardness

Hardness QC was acceptable.

2.2.16 Nitrate and Nitrite

Due to MS recoveries below the acceptability limit of 92%, the following samples were qualified as estimates (J): 311SWdup and 310SW.

2.2.17 Total Organic Carbon

The maximum concentration of carbon detected in the method blank was 1.1 mg/L. Positive values of the samples were greater than five time the amount of the blank; data were not qualified.

2.2.18 Total Dissolved Solids

Due to missed holding time, all surface water data were qualified as estimates.

2.2.19 Total Suspended Solids

One method blank contained 3 mg/L of solids. Positive results were greater than five times the amount found within the method blank; therefore, data were not qualified.

2.2.20 Gross Alpha and Beta

QC data were acceptable.

2.2.21 Radium 226 and 228

Radium 226 was detected in the method blank at .002 pCi/L. The result for the source sample radium 226 was qualified as undetected estimates.

2.3 FIRST QUARTER GROUNDWATER SAMPLES

The first quarter of groundwater samples were collected between February 17 through March 19, 1991.

2.3.1 Volatile Organic Compounds

The following compounds were detected in VOC groundwater method blanks at the following maximum concentrations:

Compound	Concentration
Acetone	9.5 µg/L
Methylene Chloride	8.7 µg/L

- Samples that were qualified for acetone as undetected estimates (UJ) base on laboratory contamination were: M-013C-dup, M-012A-, M-014A-dup, M-020E-, M-022A-, M-022E-, M-001A-, M-001E-, M-004A-, M-005A-, M-025A-, and M-029E-.

MS/MSD sample M-014Adup had a BFB recovery of 120% with an upper limit of 115%. The sample data were not qualified.

2.3.2 Semivolatile Organic Compounds

Bis(2-ethylhexyl)phthalate was detected in method blanks at concentrations up to 1.0 µg/L; phenol was detected at a maximum concentration of 1.3 µg/L. No samples were qualified on the basis of method blank contamination.

Sample data qualified due to matrix spike and LCS recoveries that fail to meet acceptable criteria are as follows:

- Positive results for 4-chloro-3-methyl phenol and Pentachlorophenol were qualified as estimates for the following samples on the basis of high LCS recoveries: M-002A, M-002E, M-010A, M-014A, M-014B, M-029A, M-101A, M-014Adup, M-029E, M-102A, M-028Adup, M-028A

Sample data qualified due to surrogate recoveries that fail to meet acceptable criteria are as follows:

- Both the positive and non-detected data for sample M-001B were qualified as estimates on the basis of low surrogate recoveries.
- Positive results were qualified as estimates and non-detected data were rejected for the acid fraction in the following samples on the basis of low surrogate recoveries: M-028Adup, M-010A, M-014B, M-015A.
- Positive results for the base/neutral fraction of sample M-012B were qualified as estimates due to low surrogate recoveries.
- Non-detected data for the following samples were qualified as rejected in the basis of low recoveries: M-009A, M-013C, M-019E, M104A, M-103B, M-107A, M-109A, M-110A, M-013Cdup.
- The acid fraction of sample M-007C was qualified as estimates for both positive and non-detected results on the basis of low surrogate recoveries.

2.3.3 Pesticides and Polychlorinated Biphenyls

Due to DBC surrogate recoveries below the acceptable limit of 46%, samples M-008A and M-106A were qualified as estimated values for their non-detected value.

2.3.4 Petroleum Hydrocarbons

Due to a low recovery of 63.5%, sample M-005A data were qualified as estimated.

2.3.5 Metals

The following analytes were detected in the metals water method blank samples at the following maximum concentrations:

Analyte	Concentration
Barium	3.7 µg/L
Calcium	279 µg/L
Iron	14.7 µg/L
Magnesium	82.2 µg/L
Potassium	605 µg/L
Sodium	739 µg/L
Zinc	5.3 µg/L

- The following samples had positive detectable quantities of calcium, potassium, sodium, and zinc less than five times the amount found in their associated method blank sample concentrations and were qualified as non-detected estimates: EB-11, M-001A-004, M-001B, M-001B, M-002A, M-002E, M-004A, M-005A, M-010A, M-014A, M-014B, M-029E, M-005A , M-014Adup, EB-87, and EB-89.

- The following samples had positive detectable quantities of calcium, sodium, and zinc less than five times the amount found in their associated method blank sample concentrations and were qualified as non-detected estimates: MWE-1, MWE-2, MWE-3, MWE-4, MWE-5, and MWE-6.

- The following samples had positive detectable quantities of calcium, iron, magnesium, and sodium less than five times the amount found in their associated method blank sample concentrations and were qualified as non-detected estimates: EB-90, EB-91, and EB-92.

- The following samples had positive detectable quantities of calcium, iron, barium, and sodium less than five times the amount found in their associated method blank sample concentrations and were qualified as non-detected estimates: EB-93, EB-94, and EB-95.

Sample M-005A dup had MS/MSD sodium RPD value greater than the acceptance limit due to the high concentration detected in the field sample; therefore, Sample M-005A sodium results were qualified as estimates.

Samples M-005A dup and M-014A dup had MS/MSD zinc RPD values greater than the acceptance limits due to the high concentration detected in the field samples; therefore, Samples M-005A and M-014A results were qualified as estimates.

Samples M-022A and M-027B MS/MSD had RPD values greater than the acceptable limits for calcium, potassium, and magnesium; therefore, both positive and non-detected results were qualified as estimates.

Sample M-013C dup was spiked as MS/MSD; a few of the metals had recoveries below the acceptance criteria. Cobalt, chromium, nickel, antimony, and vanadium were qualified as estimates for both positive and non-detected values due to possible matrix interferences. Calcium, sodium, and potassium had recoveries greater than the acceptance limits that gave rise to possible positive bias; therefore, these metals were qualified as estimates for positive values.

The following sample had positive detectable quantities of calcium, iron, barium, and zinc less than five times the amount found in their associated method blank sample concentrations and were qualified as non-detected estimates: EB-96.

Sample M-015A dup had high replicate RPD values for barium, iron, and zinc. Sample M-015A MS/MSD had unacceptable sodium recoveries due to interferences caused by high concentration of sodium detected in the field sample. The varied sodium recoveries resulted in a RPD of 218. Sodium was qualified as an estimated value in this sample.

The remaining water metals QC data were acceptable.

2.3.6 Arsenic

Due to low post digestion spike recoveries, the following samples are qualified as estimates for both positive and non-detect values: M-029A, M-015A, M-020A, M-024A, M-103B, and M-111A.

The remaining water arsenic QC data were acceptable.

2.3.7 Lead

Due to low post digestion spike recoveries, the following samples are qualified as estimates for both positive and non-detect values: M-002A, M-002E, M-004A, M-027C, M-029A, M-023E, M-026A, M-021A dup, M-009A, M-013A, M-016A, M-018A, M-018E, M-020A, M-020B, M-020E, M-024A, M-024E, M-103B, M-020A dup, M-013C dup, M-104C, and M-101A.

The remaining water lead QC data were acceptable.

2.3.8 Mercury

Samples M-014A dup and M-028A dup had MS/MSD recoveries higher than the acceptance limits; therefore, the detectable concentrations were qualified as estimates for the following samples: M-010B, M-011A, M-12A, M-012B, M-014A, M-014B, M-025A, M-025C, M-025E, M-026A, M-026E, M-027A, M-027B, M-027C, M-027E, M-028A, M-028E, M-029E, M-101A, M-102A, M-105A, M-105B, M-014A dup, M-028A dup, EB-89, EB-90, EB-91.

The remaining water mercury QC data were acceptable.

2.3.9 Selenium

Both the MS/MSD and post digestion spike recoveries of Sample M-021A dup were lower than acceptable limits. These recoveries indicate a possible matrix suppression of the spiked analyte; the following samples were qualified as estimates for positive values and non-detected values: M-006A, M-007A, M-007C, M-008A, M-010AB, M-011A, M-017A, M-021A, M-021C, M-021E, M-022A, M-023B, M-023A, M-023E, M-025A, M-025C, M-026A, M-026E, M-029A, M-105B, M-022E, M-021A dup, EB-91, EB-92, and EB-93.

Sample M-021A dup MS/MSD had zero percent recovery; therefore, the positive results for selenium were qualified as estimated for this sample.

The following samples are qualified as estimates for positive and non-detected values based on low post digestion spike recoveries: M-007C, M-010B, M-011A, M-017A, M-021A, M-021C, M-021E, M-022A, M-023B, M-025C, M-025E, M-026A, M-026E, M-105B, M-022E, M-009A, M-013C, M-016A, M-018A, M-018E, M-019A, M-019E, M-020A, M-020E, M-024A, M-024E, M-103B, M-020A dup, M-013C dup, M-015A dup, and M-021A dup.

Samples M-020A dup and M-013C dup had low MS/MSD recoveries.; therefore, the results for selenium were qualified as estimated for this sample.

The remaining water selenium QC data were acceptable.

2.3.10 Thallium

Due to low post digestion spike recoveries below 75 % for thallium the following samples were qualified as estimates for both positive and non-detect values: M-001B, M-002A, M-002E, M-004A, M-010A, M-014B, M-027B, M-027C, M-027E, M-028E, M-101A, and M-028A dup.

The remaining thallium QC data were acceptable.

2.3.11 Cyanide

Batch G21370 had cyanide detected in the method blank sample at 0.2 µg/L of cyanide. None of the associated field samples had detectable quantities less five times values in the associated method blank; therefore, the data were accepted without qualifications for cyanide.

Sample M-020A dup had a MS recovery above the acceptance limits. The associated field samples had no detectable quantities of cyanide; therefore, the data were accepted without qualifications for cyanide.

The remaining water cyanide QC data were acceptable.

2.3.12 Acidity

Method blanks contained acidity at maximum concentration of 1.1 µg/L. The following samples were qualified as non-detected estimates (UJ) on the basis of method blank contamination: M-012A, M-014A, M-014Adup, M-015A, M-015Adup, M-102A, M-103A, M-107A, M-108A, M-110A, and M-111A.

Both positive and non-detected data for the following samples were qualified as estimates on the basis of low spike recoveries: M-001A, M-001B, M-001E, M-002A, M-002E, M-003A, M-004A, M-005A, M-005Adup, M-009A, M-010A, M-012A, M-012B, M-013A, M-013C, M-013Cdup, M-014A, M-014Adup, M-014B, M-015A, M-015Adup, M-016A, M-018A, M-019A, M-019E, M-020A, M-020Adup,

M-020B, M-020E, M-024A, M-024E, M-027A, M-027B, M-027C, M-027E, M-028A, M-028Adup, M-028E, M-029A, M-101A, M-102A, M-103A, M-103B, M-104A, M-104C, M-105A, M-106A, M-107A, M-109A, M-110A, and M-111A.

2.3.13 Alkalinity

No first quarter data for alkalinity were qualified due to acceptable QC.

2.3.14 Chemical Oxygen Demand

Positive results for the following samples were qualified as estimates due to high matrix spike recoveries: M-020A, M-001A, M-001B, M-001E, M-002A, M-002E, M-004A, M-005A, M-005Adup, M-006A, M-007A, M-007A, M-008A, M-010A, M-010B, M-011A, M-012A, M-012B, M-014Adup, M-014B, M-017A, M-021A, M-021Adup, M-021C, M-021E, M-022A, M-023A, M-023E, M-025A, M-025C, M-025E, M-026A, M-026E, M-027A, M-027B, M-027C, M-027E,M-028A, M-028Adup, M-028E, M-029A, M-029E, M-101A, M-105A, M-105B.

2.3.15 Common Anions

The LCS and Samples M-020A dup and M-013C dup MS/MSD had fluoride recoveries above the acceptance limits. All the associated method blank samples had detectable quantities of all of the anions (chloride, fluoride, and sulfate). The associated field samples did not contain less than five times the detectable quantities found in the method blanks; therefore, Samples M-020A and M-013C were qualified as estimated for fluoride.

The remaining water common anions QC data were acceptable.

2.3.16 Hardness

No first quarter results for hardness were qualified due to acceptable QC.

2.3.17 Nitrate and Nitrate

The following samples were qualified as non-detected estimates (UJ) on the basis of method blank contamination: M-007C, M-104C, M-013C, M-107A, M-110A, M-017A, M-020A.

2.3.18 Specific Conductivity

No first quarter data for specific conductivity were qualified due to acceptable QC.

2.3.19 Total Dissolved Solids

No first quarter data for total dissolved solids were qualified due to acceptable QC.

2.3.20 Total Organic Carbon

Samples M-028A, M-028A dup, and M-019A had MS/MSD recoveries and associated RPD values greater than the acceptance limits; therefore, the field samples data were qualified as estimates.

The remaining water total organic carbon QC data were acceptable.

2.3.21 Radiochemistry

Method blanks contained concentrations of Radium 226 at concentrations up to 2 pCi/L. The following samples were qualified on the basis of method blank contamination: M-007A, M-008A, M-009A, M-013A, M-013C, M-013Cdup, M-015A, M-016A, M-017A, M-018A, M-018E, M-019A, M-019E, M-020A, M-020Adup, M-020B, M-020E, M-021A, M-021Adup, M-021E, M-023A, M-023E, M-023B, M-024E, M-103A, M-103B, M-107A, M-109A, M-111A.

2.3.22 Asbestos

No data for asbestos were qualified due to acceptable QC.

2.4 SECOND QUARTER GROUNDWATER SAMPLES

The second quarter groundwater samples were collected between September 19 through October 14, 1991.

2.4.1 Volatile Organic Compounds

The following compounds were detected in VOC groundwater method blanks at the following maximum concentrations:

Compound	Concentration
Acetone	6.3 µg/L
Methylene Chloride	1.3 µg/L

- The following samples were qualified as non-detected estimates (UJ) due to acetone contamination found within method blanks: M-006Adup, M-023E, M-027E, M-027C, M-028E, M-029A, M-029E, M-029Edup, M-103B, and M-108Adup,.

2.4.2 Semivolatile Organic Compounds

The following compounds were detected in SVOC groundwater method blanks at the following maximum concentrations:

Compound	Concentration
Phenol	1.6 µg/L
Bis(2-ethylhexyl)phthalate	64 µg/L

- The following compounds were qualified as non-detected estimates (UJ) due to bis(2-ethylhexyl)phthalate contamination found within method blanks: M-001A, M-001B, M-001E, M-002E, M-004A, M-005A, M-006A, M-006Adup, M-007A, M-008A, M-010A, M-010Adup, M-011A, M-012A, M-012B, M-013A, M-013C, M-014A, M-014B, M-015A, M-016A, M-019A, M-021A, M-021E, M-021C, M-022A, M-022Edup, M-102A, M-106A, M-107A, M-108A, and M-108Adup.

Sample data qualified due to matrix spike and LCS recoveries that fail to meet acceptable criteria limits are as follows:

- Bis(2-ethylhexyl)phthalate was qualified as an non-detected estimate in sample M-103B.
- Pyrene was qualified as an estimate in samples M-029Edup.
- Detected acid fraction compounds were qualified as estimates in samples MWE-4, M-016A, M-027B, M-027Bdup, and M-027C.
- Non-detected acid fraction compounds were rejected in samples M-027B, M-027Bdup, M-027C, and M-007C.
- All positive results were qualified as estimates in sample M-028A; all non-detected results were rejected for this sample.

2.4.3 Organochlorine Pesticides and Polychlorinated Biphenyls

Sample data qualified due to matrix spike and LCS recoveries that fail to meet acceptable criteria limits are as follows:

- Both positive and non-detected data were qualified as estimates for the following samples: M-001A, M-001E, M-014A, M-015A, M-022A, M-022E, M-022Edup, M-023A, M-023E, M-026A,

- DDT was qualified as an estimate in sample M-022Edup.

2.4.4 Petroleum Hydrocarbons

Petroleum hydrocarbons were detected in method blanks at concentrations up to 0.06 mg/L. Sample M-001Bdup was qualified as a non-detected estimate (UJ) due to method blank contamination.

2.4.5 Metals

The following analytes were detected in the metals water method blank samples at the following maximum concentrations:

Analyte	Concentration
Barium	11.4 µg/L
Calcium	218 µg/L
Iron	25 µg/L
Magnesium	56.5 µg/L
Manganese	1.2 µg/L
Potassium	604 µg/L
Sodium	323 µg/L
Zinc	5.8 µg/L

- The following samples were qualified as non-detected estimates (UJ) for iron based on method blank contamination: M-001A, M-012B, M-107A, and M-108B.

- The following samples were qualified as non-detected estimates (UJ) for zinc based on method blank contamination: M-009A, M-020B, M-022A, M-023B, M-024A, M-025C, M-028A, M-028E, M-029A, M-103A, M-104A, M-105A, M-106A, M-107A, M-108A, M-108Adup, M-109A, M-110A, and M-111A.

- The following samples were qualified as non-detected estimates (UJ) for barium based on method blank contamination: M-103A, M-104A, M-105A, M-105B, M-106A, M-108A, M-108B, M-108Bdup, M-109A, M-110A, and M-111A.

The following samples were qualified as estimates for nickel based on replicate recoveries: M-109A, M-022Edup, M-027E, M-028A, M-029A, M-029E, M-029Edup, M-103A, M-103B, M-104A, M-104C, M-105A, M-105B, M-106A, M-107A, M-108A, M-108Adup, M-108B, M-109A, M-110A, M-111A,

Sample data qualified due to matrix spike and LCS recoveries that fail to meet acceptable criteria limits are as follows:

- Positive sample results for calcium, magnesium, manganese, and sodium were qualified as estimates in sample M-001Bdup.
- Both positive and non-detected results were qualified as estimates for cobalt, potassium, nickel, antimony, vanadium, and zinc in sample M-001Bdup.
- Both positive and non-detected data were qualified as estimates for samples M-016A and M-027C.

Sample M-022B was qualified as estimated for manganese on the basis of post digestion spike recoveries.

2.4.6 Arsenic

Sample M-009A was qualified as a non-detected estimate (UJ) on the basis of 0.8 µg/L method blank contamination.

Samples M-002E, M-004A, M-005A, and M-027C were qualified as estimates on the basis of low post digestion spike recoveries.

Positive results for samples M-010A, M-014A, M-015A, M-109A, M-109Adup, and M-102A were qualified as estimates on the basis of high post digestion spike recoveries.

2.4.7 Lead

Both positive and non-detected sample data qualified due to low post digestion spike recoveries were as follows:

M-001A, M-001B, M-001Bdup, M-002A, M-002E, M-004A, M-010A, M-010B, M-011A, M-012B, M-013C, M-014B, M-016A, M-017A, M-018A, M-018E, M-019A, M-019Adup, M-019E, M-020A, M-021A, M-022Edup, M-026A, M-027Bdup, M-027E, M-101A, M-010Adup, M-103B, M-104C, M-105B, M-108B.

Sample M-001Bdup was qualified as an estimate due to low MS/MSD recoveries.

2.4.8 Mercury

The following samples were qualified as estimates based on low MS sample recoveries: M-009A, M-020B, M-021A, M-021C, M-021E, M-022A, M-023B, M-022E, M-022Edup, M-023A, M-023E, M-

024A, M-024E, M-025A, M-025C, M-025E, M-026A, M-026E, M-027A, M-027B, M-027Bdup, M-027C, M-027E, M-029E, M-104A, M-104C, M-109A.

2.4.9 Selenium

Both positive and non-detected results for the following samples were qualified as estimates based on low post digestion spike recoveries below 71%: M-007A, M-010A, M-010B, M-011A, M-012B, M-013C, M-014A, M-014B, M-016A, M-017A, M-018, M-018E, M-101A, M-102A, M-001Bdup, M-010Adup, M-019A, M-019E, M-020A, M-020E, M-021A, M-021E, M-022A, M-022E, M-023A, M-025A, M-026A, M-027A, M-019Adup, M-009A, M-027E, M-028A, M-028E, M-029A, M-029E, M-103A, M-103B, M-104A, M-104C, M-105A, M-105B, M-106A, M-107A, M-108A, M-108B, M-109A, M-110A, M-111A, M-022Edup, M-027Bdup, M-108Adup, M-029Edup.

2.4.10 Thallium

Both positive and non-detected results for the following samples were qualified as estimates on the basis of low post digestion spike recoveries below 74%: M-001A, M-001Adup, M-001E, M-002A, M-004A, M-007C, M-009A, M-012B, M-014A, M-016A, M-017A, M-018A, M-018E, M-019A, M-019Adup, M-019E, M-020A, M-020B, M-020E, M-021A, M-021C, M-021E, M-022A, M-022E, M-022Edup, M-023A, M-023B, M-023E, M-024A, M-024E, M-025A, M-025C, M-025E, M-026A, M-026E, M-027A, M-027B, M-027Bdup, M-027C, M-027E, M-028A, M-028E, M-029A, M-029E, M-029Edup, M-103A, M-103B, M-104A, M-104C, M-105A, M-105B, M-106A, M-107A, M-108A, M-108Adup, M-108B, M-109A, M-110A, M-111A.

Positive results for the following samples were qualified as estimates on the basis of high post digestion spike recoveries: M-015A, M-102A, and M-006Adup.

Samples M-001Bdup, M-019A, and M-019Adup were qualified as estimates based on low MS recoveries.

2.4.11 Cyanide

No second quarterly monitoring data were qualified for cyanide due to acceptable QC.

2.4.12 Acidity

Acidity was identified in method blanks at concentrations up to 1.8 mg/L. On the basis of method blank contamination, the following samples were qualified as non-detected estimates (UJ): M-007A, M-008A, M-012A, M-029A, M-029E, M-029Edup, M-102A, M-103A, M-104A, M-108A, M-111A.

All samples submitted in the second quarterly monitoring were qualified as estimates for both positive and non-detected data on the basis of low MS recoveries.

2.4.13 Alkalinity

No sample results for alkalinity were qualified due to acceptable QC.

2.4.14 Chemical Oxygen Demand

The following sample data were qualified as estimates based on low MS recoveries: M-019Adup, M-014A, M-027Bdup.

Positive sample data for M-029Edup were qualified as estimates based on an elevated RPD.

2.4.15 Common Anions

The following samples were qualified as non-detected estimates (UJ) for fluoride on the basis of method blank contamination: M-006A, M-012A, M-013A, M-103A, M-104A, M-105A.

2.4.16 Hardness

Sample data for M-105A was qualified as a non-detected estimate (UJ) on the basis of 4.0 mg/L method blank contamination.

2.4.17 Nitrate and Nitrate

Sample M-021A was qualified as a non-detected estimate (UJ) on the basis of method blank contamination up to 0.005 mg/L.

2.4.18 Specific Conductivity

No second quarterly sampling data for specific conductivity was qualified due to acceptable QC.

2.4.19 Total Dissolved Solids

No second quarterly sampling data for TDS was qualified due to acceptable QC.

2.4.20 Total Organic Carbon

Sample data for M-027Bdup were qualified as estimated on the basis of a low MS recovery.

2.4.21 Gross Alpha and Beta

No second quarterly sampling data for gross alpha and beta were qualified due to acceptable QC.

2.4.22 Radium 226

Sample M-107A was qualified as a non-detected estimate (UJ) on the basis of up to 0.2 pCi/L method blank contamination.

2.4.23 Radium 228

The following samples were qualified as non-detected estimates on the basis of method blank contamination: M-024A, M-024E, M-025A, M-026A, M-028A, M-028E, M-029A, M-029E, M103B, M-105A, M-105B, M-106A, M-109A.

Sample M-103A was qualified as an estimate on the basis of low MS recovery.

2.4.24 Asbestos

The QC data were acceptable.

2.5 THIRD QUARTER GROUNDWATER SAMPLES

Third quarter groundwater samples were sampled between January 14 through February 27, 1992.

2.5.1 Volatile Organic Compounds

The following compounds were detected in the VOC water method blank samples at the following maximum concentrations:

Compound	Concentration
Acetone	3.6 µg/L
Chloroform	0.21 µg/L
Methylene Chloride	0.31 µg/L

- The following samples had positive values that were qualified as non-detected estimates (UJ) due to acetone contamination found within the blank data: TB-109, TB-110, TB-11, MWE-1, MWE-2, TB-119, EB-91, EB-92, M-024E, MWE-6, MWE-3, MWE-4, MWE-5, M-007C, M-108B, EB-93, EB-94, TB-121, TB-123, TB-122, M-103B, and M-110A.

- The following samples had positive values that were qualified as non-detected estimates (UJ) due to chloroform contamination found within the blank data: TB-107, TB-108, EB-87, EB-88, TB-112, and EB-89.

- The following samples had positive values that were qualified as non-detected estimates (UJ) due to methylene chloride contamination found within the blank data: TB-107, TB-108, EB-87, EB-88, TB-112, EB-89, M-002A, M-12B, M-010B, M-12B, M-103A, M-013C, M-014A, M-014B, M-015A, TB-109, TB-110, TB-111, M-023B, TB-113, TB-114, and TB-115.

- The remaining water VOC QC data were acceptable.

2.5.2 Semivolatile Organic Compounds

The following compounds were detected in the SVOC water method blank samples at the following maximum concentrations:

Compound	Concentration
bis(2-ethylhexyl) phthalate	6.2 µg/L

- The following samples had detectable quantities less than ten times the amount found in the method blank that were qualified as non-detected estimates (UJ) due to bis(2-ethylhexyl) phthalate contamination found in the method blank: M-002E, M-007A, M-011A, M-013C, M-014B, M-012B, EB-87, EB-88, M-016A, M-017A, M-18A, M-018E, M-019A, M-019E, EB-89, M-021E, M-023A, M-020B, M-021C, M-022A, M-023B, M-022E, M-023E, M-025A, M-026A, M-026E dup, EB-90, M-024A, M-024E, M-027A, M-027B, M-027C, M-027E, EB-91, M-109A, M-110A and associated dup, M-111A, M-007C, EB-92, EB-93, EB-94, MWE-1, MWE-2, MWE-3, MWE-4, MWE-6, MWE-5, M-103A, M-105B, M-104A, M-108A, M-107A, M-106A, M-009A, M-028E, M-101A, M-102A, M-107A, M-028A, and M-105A.

Sample MWE-5 missed the extraction holding time by one day; therefore, the sample results were qualified as estimates. The surrogate recoveries for Sample MWE-5 were very high for all the spiking compounds.

The following samples were qualified as estimates due to 4-nitrophenol LCS recovery at 97% with a limit of 80% and the PCP LCS recovery at 110% with a limit of 103%: MWE-5, M-103A, M-105B, M-104A, M-108A, M-107A, M-106A, M-009A, M-028E, M-101A, M-102A, and M-107A.

Sample MWE-1 had a phenol recovery of 5.5%. The acid fraction of the sample was rejected due to the low 5.5% surrogate recovery, but 2-fluorobiphenyl; 2,4,6-TBP; and terphenyl-D(14) are higher than the upper acceptable limits; this occurs in samples MWE-2 and MWE-6, as well. Positive acid results of these samples were qualified as estimates.

The remaining SVOC QC data were acceptable.

2.5.3 Organochlorine Pesticides and Polychlorinated Biphenyls

Due to MS recovery for dieldrin (293%) and endrin (0%) and MSD recovery of dieldrin (291%) the following samples were qualified as estimates for positive results of dieldrin and endrin and rejected for endrin non-detects: M-107A, M-009A, M-102A, M-103A,M-103B, M-109A, EB-93, and EB-94.

Due to low DBC recovery of 45.3% with a lower limit of 46%, both positive and non-detected data were qualified as estimated for Sample M-009A.

The remaining organochlorine pesticides and polychlorinated biphenyls QC were acceptable.

2.5.4 Petroleum Hydrocarbons

The following samples had positive values less than five times the amount detect in the method blank and were qualified as non-detected estimates (UJ) due contamination found in method blank at a maximum concentration of 0.6 mg/L: M-001A, M-001E, EB-87, EB-88, M-104C, EB-92, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5, MWE-6, EB-93, and EB-94.

The remaining petroleum hydrocarbons QC were acceptable.

2.5.5 Metals

The following compounds were detected in the metals water method blank samples at the following maximum concentrations:

Analyte	Concentration
Aluminum	82.3 µg/L
Barium	1.2 µg/L
Calcium	381 µg/L
Iron	54.7 µg/L
Magnesium	60.2 µg/L
Nickel	5.7 µg/L
Potassium	676 µg/L
Sodium	143 µg/L
Zinc	12.5 µg/L

- The following samples had positive values and were qualified as non-detected estimates (UJ) due to calcium, iron, and sodium detected in the method blank data: EB-87, EB-88, EB-89, EB-90, EB-91, EB-92, EB-94, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5, and MWE-6.

- The following samples had positive values and were qualified as non-detected estimates (UJ) due to aluminum, barium, magnesium, and nickel detected in the method blank data: EB-91, EB-92, EB-93, EB-94, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5, and MWE-6.

- The following samples had positive values and were qualified as non-detected estimates (UJ) due to potassium detected in the method blank data: EB-87, EB-88, EB-89, EB-91, EB-92, EB-93, EB-94, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5, and MWE-6.

- The following samples had positive values and were qualified as non-detected estimates (UJ) due to zinc detected in the method blank data: M-026A, EB-90, M-106A, M-107A dup, M110A, M110A dup, M-111A, and M-022E.

- The following samples had positive values and were qualified as non-detected estimates (UJ) due to iron detected in the method blank data: M-003A, M-004A, M-107A dup, M-101E, M-008A, M-013A, M-015A, M-013C, M-101A, M-107A, M-110A, and M-11OA dup.

- The following samples had positive values and were qualified as non-detected estimates (UJ) due to aluminum detected in the method blank data: M-007C, M-027A, M-027E, M-028A, M-025C, M-027B, M-027C, M-024E, M-103A, M-108B, M-105B, M-029A, M-029E, M-009A, M-102A, M-104A, M-108A, M-007A, M-104C, M-014A, and M-103B.

- Sample M-024A had detectable quantities of aluminum and nickel; therefore, the sample was qualified as non-detected estimates (UJ) due to aluminum and nickel detected in the method blank.

Sample M-012B dup was used for the MS; calcium, magnesium, and sodium had recoveries that exceeded the 125% limit due to the high concentrations detected in the field sample. These three metals were qualified as estimates for positive results. Cobalt, chromium, iron, nickel, antimony, and vanadium demonstrated low recoveries (lower than 75%); therefore, both positive and non detected results were qualified as estimated.

Sample M-021E dup was used for the MS; calcium, magnesium, potassium, and sodium had recoveries that exceeded the 125% limit due to the high concentrations detected in the sample. Positive results of these metals were qualified as estimates. Cobalt, chromium, and nickel had low recoveries and these analytes are qualified as estimates for both positive values and non-detects.

Two samples were used for the MS/MSDs: M-024A and M-007C dup; both of the field samples had recoveries that were sporadic due to the detectable concentrations in the field samples. Iron, potassium, sodium, barium, cobalt, chromium, copper, manganese, and nickel had both positive and non-detected data qualified as estimates. Calcium and magnesium positive values were qualified as estimates. The serial dilution for potassium had a high RPD value of 23.3 with a limit of ten. Potassium was qualified as an estimated value for all field samples in this batch due to method blank contamination.

Sample M-105A replicate analyses had RPDs values which exceeded the control limits for aluminum, barium, iron, and manganese; these analytes are qualified as estimates.

The MS had one high recovery for sodium of 130% with an upper limit of 125%. Sample M-110A replicate analyses RPD value for zinc exceeded the acceptable limit by 3%; both sodium and zinc positive results were qualified as estimates.

2.5.6 Arsenic

The following samples had positive values less than five times the quantity detected in the associated method blank sample and were qualified as non-detected estimates (UJ) due to method blank contaminations at a maximum concentration of 0.5 µg/L: EB-91, EB-92, EB-93, EB-94, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5, and MWE-6.

Samples M-007C, M-025C, M-104C, M-101A, M-103B, and M-108B had low post digestion spike recoveries; both positive and non-detect results for these samples were qualified as estimated values.

The remaining water arsenic QC data were acceptable.

2.5.7 Lead

The following samples had positive values less than five times the quantity of lead detected in the associated method blank sample and were qualified as non-detected estimates (UJ) due to method blank contaminations up to a maximum lead concentration of 3.4 µg/L: M-012B, EB-87, EB-88, EB-89, M-002A, M-003A, M-004A, M-010B, M-012B,M-109A, M007C, EB-91, EB-92, EB-93, EB-94, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5, MWE-6, M-107A dup, M-110A dup, and M-104C.

The following samples had recoveries that exceeded the upper control limit of 125% for lead: M-001B, M-002A, M-003A, M-004A, M-006A, M-014A, M-015A, and M-007A dup. The positive results detected in the samples were qualified as estimates.

Samples M-025C, M-029A, M-029E, M-105A, M-011A, M-025A, M-022E, M-024E and M-105B had low lead post digestion spike recoveries below 71%; therefore, the non-detected values and positive values were qualified as estimates.

Sample M-021C had a high lead post digestion spike recovery; therefore, the positive amount of 1.6 µg/L was qualified as an estimated value.

Sample M-107A MS had a high recovery of 134.5% for lead. Additionally, Samples M-107A and M-110A had high recoveries of lead 122% and 125% respectively; therefore, positive values of these samples were qualified as estimates.

The MS for Sample M-105A dup had a low recovery of 61.5%; therefore, non-detected values for this sample were qualified as estimated.

The remaining water lead QC data were acceptable.

2.5.8 Mercury

The method blank for batch G25694 contained 0.004 µg/L of mercury, there were no detectable quantities of mercury in the associated field samples. Therefore, there were no qualification made on these data.

Samples M-001E and M-012B were qualified as estimates for positive and non-detected values due to low mercury recovery on MS samples.

The MS recovery was low at 40%; therefore, both positive and non-detect results were qualified as estimates for Sample M-021Edup.

The MS recovery for Sample M-024A was 1% lower than the control limits; the sample results were qualified as estimated for mercury.

The remaining water mercury QC data were acceptable.

2.5.9 Selenium

The following samples had low post digestion spike recoveries; therefore, both positive and non-detected results were qualified as estimates: M-011B, M-002A, M-004A, M-010B, M-012B, M-001E, M-002E, M-005A, M-010A, M-011A, M-013C, M-014B, M-016A, M-017A, M-018A, M-018E, M-019E, M-012B, M-020A, M-020B, M-021A, M-021E, M-021E dup, M-022A, M-023E, M-025A, M-025E, M-026A, M-026E, M-026E dup, M-022E, M-023A, M-007C, M-029E, M-104C, M-105A, M-108B, M-105A, and M-014A.

The MS for Samples M-012B and M-012E dup had a low recoveries of 67.5% and 62.5% respectively with a lower limit of 75%; therefore, the sample results were qualified as estimated.

One MS and spike dup set had recovery below the limits at 41% and 45%; the second set of MS and spike duplicate had zero recoveries that indicated possible spiking errors or matrix interferences. The MS sample used, M-007C dup, had a low post digestion spike recovery. Therefore, positive and non-detected results were qualified as estimates for the following samples: M-024A, M-024E, M-027A, M-027B, M-027E, M-028E, M-101A, M-103B, M-105B, and M-007 dup.

The MS for M-107A dup had a low recovery of 65.5% which indicated possible matrix interferences; therefore, the sample data were qualified as estimates for Sample M-107A.

The remaining water selenium QC data were acceptable.

2.5.10 Thallium

The following samples had low post digestion spike recoveries; therefore, the positive and non-detect data were qualified as estimates: M-001B, M-002A, M-003A, M-004A, M-006A, M-010B, M-012B, M-015A, M-001A, M-001E, M-002E, M-005A, M-008A, M-010A, M-011A, M-012A, M-013A, M-013C, M-014B, M-016A, M-017A, M-018A, M-018E, M-019A, M-019E, M-012B, M-020A, M-020B, M-020E, M-021A, M-021C, M-021E, M-022A, M-023B, M-022E, M-023A, M-023E, M-025A, M-025E, M-026A, M-026E, M-021E, M-026E, M-009A, M-024A, M-024E, M-027A, M-027B, M-027C, M-027E, M-028A, M-101A, M-102A, M-103B, M-105B, M-108A, M-109A, M-007C dup, M-007C, M-025C, M-029A. M-029E, M-104C, M-108B, M-105A, M-106A, M-107A, M-110A, M-111A, M-107A dup, M-110A dup, and M-007A.

The MS/MSD samples for M-024A and M-007Cdup had recoveries (60%, 57%, and 47%) below the limit of 75%; therefore, the data were qualified as estimates.

The remaining water thallium QC data were acceptable.

2.5.11 Cyanide

The maximum contaminant concentration of cyanide within a method blank was found at 1.2 µg/L. Samples were qualified as non-detected because the few positive results were greater than five times the amount found in the method blank.

Sample M-021E had a low recovery of 42.6% with an upper limit of 75%; sample data were qualified as estimates.

2.5.12 Acidity

The following samples were qualified as estimated non-detects for detectable quantities less than five times the detected quantity of $CaCO_3$ in the method blank; the method blank contamination values were at a maximum concentration of 0.9 mg/L: M-001A, M-001E, M-002A, M-005A, M-007A, M-008A, M-010A, M-012A, M-011A, M-012B, EB-88, EB-87, M-001B, M-002A dup, M-003A, M-004A, M-006A, M-010B, M-012B, M-014A, M-015A, M-007A dup, M-013A, M-013C, M-014B, M-016A, M-017A, M-018A, M-018E, M-019A, M-019E, M-020A, M-020B, M-020E, M-021A, M-021C, M-021E, M-022A, M-023B, M-022E, M-023A, M-023E, M-025A, M-026A, M-026E, EB-89, EB-90, M-021E, M-026E, M-007C, M-025C, M-029A, M-029E, M-104C, M-105A, M-108B, M-105A dup, M-009A, M-024A, M-024E, M-027A, M-027B, M-027C, M-027E, M-028A, M-028E, M-101A, M-102A, M-103A, M-103B, M-104A,

M-105B, M-106A, M-108A, M-107A, M-109A, M-110A, M-111A, M-007C dup, M-107A dup, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5, MWE-6, EB-91, EB-92, EB-93, EB-94, M-110A dup

The MS/MSD had low recoveries of 82% and 83%; therefore, Sample M-001A value was qualified as estimated.

The remaining water acidity QC data were acceptable.

2.5.13 Alkalinity

All of the alkalinity QC batches had method blank contamination at 8.0 mg/L CaCO3 and less. None of the field samples had detectable quantities less than five times the method blank detectable quantity; therefore, the data were accepted without any qualifications.

The remaining water alkalinity QC data were acceptable.

2.5.14 Chemical Oxygen Demand

Samples M-012B, M-021E, M-007C had low recoveries for the MS/MSD (as low as 83.6%); therefore, these samples were qualified as estimates.

The remaining water chemical oxygen demand QC data were acceptable.

2.5.15 Common Anions

All of the anion batches contained method blank contamination. None of the field samples had detectable quantities less than five time the amount of method blank contamination; therefore, the data were accepted without any qualifications.

The remaining common anions (chloride, fluoride, and sulfate) QC data were acceptable.

2.5.16 Hardness

All five hardness batches had acceptable QC data.

2.5.17 Nitrate and Nitrite

The method blank sample in batch G26257 contained 0.002 mg/L of nitrate and nitrite. The samples associated with this batch did not have detectable quantities less than five times the detected quantity found in the method blank sample; therefore, the data was accepted without qualifications.

The MS/MSD for Sample M-007A had high recoveries possibly due to matrix interferences; therefore, the sample data for M-007A may be positively biased and was qualified as estimated.

The MS for Sample M-021E and Sample M-026E had high recoveries; therefore, the data for these samples is considered qualified as estimates.

The remaining water nitrate and nitrite QC data were acceptable.

2.5.18 Specific Conductivity

All nine of the specific conductivity batches contained method blank a maximum of contamination at 2.03 µmhos/cm. None of the field samples contained less than five times the quantity detected in the method blanks; therefore, the data were accepted without qualifications.

The remaining water specific conductance QC data were acceptable.

2.5.19 Total Dissolved Solids

Four of the eight batches had total dissolved solids in the method blank samples at levels of 7 mg/L or less. None of the field samples contained less than five times the detected quantities found in the method blank samples; therefore, the data were accepted without qualifications.

The remaining total dissolved solids QC data were acceptable.

2.5.20 Total Organic Carbon

Batch G25743 had the highest detected amount of carbon at 1.4 mg/L in the method blank. No samples associated with this method blank had detectable quantities less than five times the quantity detected in the method blank; therefore, the data were accepted without qualifications for total organic carbon.

The MS for M-110A had recoveries of 117% and 125.5% with an upper control limit of 113%. This indicated a positive bias for this sample and the data were qualified as estimated for total organic carbon.

The remaining total organic carbon QC data were acceptable.

2.5.21 Gross Alpha and Beta

The method blank samples for batches G25533 and G25857 contained 0.4 pCi/L of gross beta. There were no field samples with gross beta less than five times the method blank level: the data were accepted without qualifications for gross beta.

The method blank samples for batches G25574, G25858, and G25730 contained 0.3 pCi/L, 0.3pCi/L, and 3.9 pCi/L respectively of gross alpha. There were no field samples with gross beta less than five times the method blank level: the data were accepted without qualifications for gross alpha.

The remaining water gross alpha and gross beta QC data were acceptable.

2.5.22 Radium 226

Batches G25480, G25573, G26545, and G25672 contained up to 0.4 pCi/L of radium 226. Samples M-003A, M-004A, M-007A dup, M-109A, and M-111A had detectable quantities less than five times the quantity detected in their associated method blank samples; therefore, the data were qualified as non-detected estimates.

Sample M-105A was qualified as an estimated result based on MSD high recovery (123.2% with an upper control limit of 117%) results.

The remaining water radium 226 QC data were acceptable.

2.5.23 Radium 228

Sample M-007A had a low MS recovery of 47.7% with a low limit of 84%; this nonconformance gave rise to a high RPD value of 70.1. Due to possible negative bias; the sample results were qualified as estimates for radium 228.

The method blanks for batches G25673 and G26593 contained up to 0.7 pCi/L of radium 228. Samples M-007C dup, M-106A, M-109A, M-110A dup, M-111A had detectable quantities less than five times the detected amount in their associated method blanks; therefore, these data were considered estimates for radium 228.

Samples M-012B dup MSD and M-010B MSD had low recoveries of 71.4% with a lower limit of 84%. The filter in the MSD did not completely dissolve creating a low recovery and a high RPD value of 25.1. Due to possible negative bias these sample results were qualified as a non-detect estimates.

The remaining water radium 228 QC data were acceptable.

2.5.24 Asbestos

All the QC data were found to be acceptable; therefore, the data were not qualified for asbestos.

2.6 FOURTH QUARTER GROUNDWATER SAMPLES

Fourth quarter groundwater samples were collected from March 24 to April 27, 1992.

2.6.1 Volatile Organic Compounds

Acetone was detected in VOC groundwater method blanks at the maximum concentration of 4.4 µg/L.

- The following samples were qualified as non-detected estimates (UJ) due to acetone contamination found within method blanks: EB87, TB107, M-103B, TB108, TB109, TB110, TB111, EQ89, TB112, M-023E, TB115, TB111, EQ89, TB112, M-023E, TB115, TB114, TB117, TB119, MWE-4, and MWE-5.

The MS/MSD sample M-103Adup had acceptable recoveries but the RPD of Toluene was found at 18 with an upper limit of 13. This variation was possibly due to matrix heterogenicity. The LCS was acceptable; therefore, sample data were not qualified.

Within batch G27765, 1,1-Dichloroethene MS/MSD RPD was found at 18 with an upper limit of 14. This variation was possibly due to matrix heterogenicity. The LCS was acceptable; therefore, sample data were not qualified.

2.6.2 Semivolatile Organic Compounds

Bis(2-ethylhexyl)phthalate was detected in SVOC groundwater method blanks at the maximum concentration of 140 µg/L.

- The following samples were qualified as undetected estimates (UJ) based upon bis(2-ethylhexyl)phthalate contamination found within the method blanks: M-108A, M-108B, and M-108Bdup, M-001A, M-026A, M-027A, M-027E, M-001B, M-001E, M-029A, M-029E, M-002A, M-002E, M-024A, M-025A, M-025E, M-025Adup, EB88, EB89, M-017A, M-018A, M-019A, M-019E, M-022E, M-020A, M-020E, M-020Edup, M-021, M-022A, M-023A, M-023E, EB90, M-021A, M-016A, M-018E, M-027C, M-027Cdup, EB91, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5, MWE-6, EB93, EB94, M-004A, M-003A, M-003Adup, M-010B, M-101A, M-105A, M-005A, M-006A, M-007C, M-010A, M-012A, M-013A, M-015A, M-025C, M-027B, M-012Adup, EB92, M-106A, M-107A, M-012B, M-008A, M-009A, M-013C, M-014B, M-020B, M-021C, M-103A, M-103B, M-110A, M-111A, and M-103A.

Sample data qualified due to surrogate recoveries that do not meet acceptable criteria limits are as follows:

- Undetected acid fraction results for the following samples were qualified as rejected (R) due to 2-fluorophenol surrogate recoveries below 10%: M-001B, M-001B, M-019E, M-018E, M-027C, M-027Cdup, M-105B, M-006A, M-027B, M-007C, M-012B, M-013C, and M-014B.

2.6.3 Organochlorine Pesticides and Polychlorinated Biphenyls

Samples M-105A and M-106A had low DBC recoveries; therefore, these sample data were qualified as estimates. The remaining QC were acceptable.

2.6.4 Total Recoverable Petroleum Hydrocarbons

Petroleum hydrocarbons were detected in method blanks at concentrations up to 0.06 mg/L. None of the samples were qualified based upon method blank contamination.

2.6.5 Metals

The following analytes were detected in method blanks at the maximum concentrations noted:

Analyte	Concentration
Calcium	108 µg/L
Iron	12.6 µg/L
Manganese	4.7 µg/L
Silver	5.7 µg/L
Sodium	154 µg/L

- Calcium results qualified as undetected estimates (UJ) based upon method blank contamination: EB90, EB91, EB92, EB95, EB96, EB97, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5, and MWE-6.

- Iron results qualified as undetected estimates (UJ) based upon method blank contamination: EB91, EB92, M-014A, M-103A, M-103Adup, and M-109A.

- Manganese results qualified as undetected estimates (UJ) based upon method blank contamination: EB92, M-012A, M-012Adup, and M-014A.

- Sodium results qualified as undetected estimates (UJ) based upon method blank contamination: EB91, EB92, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5, and MWE-6.

Sample data qualified as estimates (J) due to matrix spike recoveries that fail to meet acceptable criteria limits are as follows:

- M-108Bdup for calcium, cobalt, chromium, iron, potassium, magnesium, manganese, sodium, nickel, antimony, and vanadium.

- M-025Adup for magnesium and sodium.

- M-020Edup for cobalt, copper, iron, manganese, sodium, and nickel.

- M-027C for calcium, cadmium, magnesium, and sodium.

- M-003Adup for sodium.

Due to replicate RPD values that exceeded 20; the following samples were qualified as estimates:

- Aluminum for M-017A, M-018A, M-019A, M-019E, M-020A, M-020E, M-021A, M-021E, M-022A, M-022E, M-023A, M-023E, M-020Edup, EB90, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5 and MWE-6.

- Vanadium for M-012B, M-101A, M-102A, M-105A, M-105B, M-106A, M-107A, and M-003Adup.

- Iron and zinc for M-004A, M-008A, M-009A, M-013C, M-014B, M-020B, M-021C, M-23B, M-028A, M-028E, M-103A, M-103B, M-109A, M-110A, M-111A, M-103Adup, and M-028Adup.

Due to serial dilution RPDs that exceeded 10; the following samples were qualified as etimates:

- Potassium for M-001A, M-001B, M-001E, M-002A, M-002E, M-024A, M-024E, M-025A, M-025E, M-026A, M-026E, M-027A, M-027E, M-029A, M-029E, M-104A, M-104C, M-108A, M-108B, M-108Bdup, M-025Adup, EB87, EB88, EB89, M-017A, M-018A, M-019A, M-019E, M-020A, M-020E, M-021A, M-021E, M-022A, M-022E, M-023A, M-023E, M-020Edup, EB90, MWE-1, MWE-2, MWE-3, MWE-4, MWE-5 and MWE-6.

2.6.6 Arsenic

Arsenic was detected in groundwater method blanks at the maximum concentration of 0.9 µg/L.

- Samples M-028A and M-028Adup were qualified as undetected estimates (UJ) based upon arsenic method blank contamination.

The following samples resulted in low post digestion spike recoveries; therefore, both positive and undetected results were qualified as estimates: M-001B, M-108B, and M-108Bdup, M-017A, M-019A, M-023A, M-020E, M-105A and M-106A.

M-028A, M-028Adup, and M-003A were qualified as estimates based upon high arsenic post digestion spike recoveries.

2.6.7 Lead

One method blank contained 1.0 µg/L of lead. Sample M-008A was qualified as an undetected estimate due to method blank contamination.

Samples that were qualified as estimates due to lead post digestion spike recoveries greater than 115%: M-027E and M-022A.

Samples that were qualified as estimates due to lead post digestion spike recoveries less than 85%: M-005A, M-006A, M-007A, M-007C, M-010A, M-010B, M-011A, M-012A, M-013A, M-015A, M-016A, M-018E, M-027Cdup, M-027B, M-027C, M-013C, M-014B, M-103BM-105A, and M-107A.

2.6.8 Mercury

MS samples M-108Bdup and M-020Edup resulted in low spike recoveries below 75%; therefore, the two samples were qualified as estimates.

2.6.9 Selenium

The maximum concentration of selenium detected in a method blank was found at 0.7 µg/L. None of the samples were qualified based on method blank contamination.

Due to low selenium MS recoveries below 75%, the following samples were qualified as estimates: M-108Bdup, M-025Adup, M-027Cdup, M-103Adup, and M-028Adup.

The following samples resulted in low post digestion spike recoveries below the acceptable limit of 85%; therefore, these samples were qualified as estimates for both postiive and non-detected results: M-

001B, M-001E, M-002A, M-002E, M-024A, M-024E, M-025A, M-025E, M-026A, M-026E, M-027A, M-027E, M-104C, M-025Adup, M-108Bdup, EB88, EB89, M-017A, M-108A, M-019A, M-019E, M-020A, M-020E, M-021A, M-021E, M-022A, M-022E, M-023A, M-023E, M-020Edup, M-005A, M-006A, M-007A, M-007C, M-010A, M-010B, M-011A, M-016A, M-018E, M-025C, M-027B, M-027C, M-027Cdup, M-012Adup, M-105B, M-012B, M-003Adup, M-004A, M-008A, M-009A, M-013C, M-014B, M-020B, M-021C, M-023B, M-028A, M-028E, M-103A, M-103B, M-109A, M-110A, M-111A, M-103Adup, M-028Adup, EB94, EB95, EB96, and EB97.

2.6.10 Thallium

Due to low thallium MS recoveries below 75%, the following samples were qualified as estimates: M-108Bdup, M-027Cdup, and M-020Edup.

The following samples resulted in low thallium post digestion spike recoveries below the acceptable limit of 85%; therefore, the following samples were qualified as estimates for both positive and non-detected results: M001A, M-001B, M-001E, M-002A, M-002E, M-024A, M-024E, M-025A, M-025E, M-026A, M-026E, M-027A, M-027E, M-029A, M-029E, M-104A, M-104C, M-108A, M-108B, M-108Bdup, M-005A, M-006A, M-007C, M-010A, M-010B, M-011A, M-013A, M-015A, M-018E, M-027B, M-027C, M-027Cdup, M-020E, M-021A, M-021E, M-020Edup, M-105A, M-013C, M-028A, M-028E, M-103B, M-110A, and M-028Adup.

2.6.11 Cyanide

The maximum concentration of cyanide detected in a method blank was found at 0.4 µg/L. None of the samples within this batch were qualified based upon method blank contamination.

Samples qualified as estimates based upon low cyanide MS recoveries below 75% were as follows: M-001A, M-001B, M-001E, M-026A, M-026E, M-027A, M-027E, M-029A, M-029E, M-108A, M-108B, M-108Bdup, EB87, EB88, M-002A, M-002E, M-017A, M-018A, M-019A, M-019E, M-020A, M-104A, M-104C, M-020Edup, and EB89.

2.6.12 Acidity

CaCO3 was detected in acidity groundwater method blanks at the maximum concentration of 1.0 mg/L.

- The following samples were qualified based upon method blank contamination: MWE-1, EB87, EB88, EB89, EB90, M-014A, EB91, M-014A, EB91, M-106A, M-103A, EB94, M-109A and EB97.

MS samples that were qualified due to low spike recoveries below the acceptable 91.9% limit were as follows: M-108Bdup, M-020Edup, M-027Cdup, and M-028dup.

2.6.13 Alkalinity

The maximum CaCO3 concentration detected within an alkalinity method blank was found at 3.0 mg/L.

- The following samples were qualified as undetected estimates based upon method blank contamination: EB87, EB90, EB91, EB93, EB94, and EB96.

2.6.14 Chemical Oxygen Demand

Sample M-027Cdup had a high replicate RPD value; therefore, this sample was qualified as an estimate.

2.6.15 Common Anions

The three common anions were detected within method blanks at the following maximum concentrations:

Compound	Concentration
Choride	0.083 mg/L
Fluoride	0.09 mg/L
Sulfate	0.423 mg/L

- The following chloride results were qualified as undetected estimates (UJ): EB87 and EB88.
- The following fluoride results were qualified as undetected estimates (UJ): M-001A, M-024A, M-014A, M-015A, M-012A, M-012Adup, M-025C, M-007A, M-008A, M-003A, M-105A, M-107A, M-103A, M-103Adup, and M-028Adup.
- The following sulfate results were qualified as undetected estimates (UJ): EB88, M-021A, and M-023A.

2.6.16 Hardness

All of the hardness QC batches were found acceptable.

2.6.17 Nitrate and Nitrite

The highest concentration of nitrogen detected in the method blank was found at 0.005 mg/L. Samples M-003ådup, M-106A, and M-012B were qualified as undetected estimates (UJ).

Due to MS recoveries that exceeded the acceptability limit of 104%, the following samples were qualified as estimates (J) for positive results : M-025Adup, M-012Adup, M-028E, M-107A, M-109A, M-110A, M-111A, M-103Adup, EB93, EB94, EB95, EB96, and EB97.

2.6.18 Specific Conductivity

The maximum method blank contamination was detected at 9.18 umhos/cm. None of the samples were qualified due to method blank contamination.

2.6.19 Total Dissolved Solids

The method blanks of the TDS batches contained 0.5 to 10 mg/L of solids. Samples that were qualified as undetected estimates based upon method blank bias were EB90, EB91, and EB93.

2.6.20 Total Organic Carbon

The maximum amount of carbon detected in a method blank was detected at 3.6 mg/L.

- The following samples were qualified as undetected estimates due to method blank contamination: EB88, EB89, EB90, M-007A, M-007C, M-008A, M-010A, M-012A, M-013A, M-013C, M-014A, M-014B, M-015A, M-016A, M-020B, M-025C, M-027B, M-027C, M-103A, M-103B, M-109A, M-110A, M-111A, M-027Cdup, M-012Adup, M-103Adup, EB91, EB93, EB96, and EB97.

MS samples M-028Adup and M-003Adup were qualified as estimates due to their spike recoveries.

2.6.21 Gross Alpha and Beta

The maximum amounts of gross alpha and gross beta detected in the method blanks were found at 2.2 pci/L and 2.3 pci/L, respectively.

- The following gross alpha results were qualified as undetected estimates (UJ): EB90, EB93, EB94, EB97, MWE-1, M-007A, and M-004A.

- The following gross beta results were qualified as undetected estimates (UJ): EB93, EB94, and M-007A.

2.6.22 Radium 226

The maximum detected level of radium 226 within a method blank was found at 0.7 pci/L.

- The following samples were qualified as undetected estimates based upon method blank contamination: M-002A, M-002E, M-019E, M-020A, M-020E, M-21A, M-022A, M-023A, M-024E, M-025A, M-025E, M-025Adup, EB89 and EB90.M-001E and M-026AM-004A, M-006A, M-007C, M-010A, M-011A, M-013A, M-015A, M-017A, M-018A, M-019A, M-025C, M-027B, M-020Edup, EB92, and EB93.

MS sample, M-012Adup had a high recovery of 121.9% with an upper limit of 117%; the positive result was qualified as an estimate.

2.6.23 Radium 228

Radium 228 was detected in the method blanks with a maximum concentration of 1.0 pci/L.

- The following sample results were qualified as undetected estimates (UJ) based upon method blank contamination: M-002A, M-002E, M-023A, M-023E, M-024A, M-024E, M-025E, M-104A, M-104C, M-108B, M-025Adup, EB89, and EB90.M-003A, M-010B, M-012B, M-101A, M-102A, M-105B, M-106A, M-107A, and M-003Adup.

2.6.24 Asbestos

All QC were found acceptable.

3.0 CONCLUSIONS

By reviewing the data from NAS Alameda, the assessment of the analytical data meets the quality objectives stated in the Canonie QAPjP and JMM QAPjP addendum. Laboratory and field non-conformances were kept at a minimum, this includes sample handling from the field to possession of the samples to the laboratory. The majority of sample data is acceptable and usable. This includes both non-qualified and estimated data. There was a limited amount of data that were qualified as rejected (see Table 2). Rejected data was qualified either by extremely low sample recoveries or both matrix spike samples and corresponding LCS contained percent recoveries below specifications of the method. Data that were qualified as estimates were a reflection of the complex matrices. The amount of QC scheduled for the project exceeds the 90% completion goal of the QAPjP.

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REFERENCES

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ACRONYMS AND ABBREVIATIONS

ACRONYMS AND ABBREVIATIONS

µg	Micrograms
µg/Kg	Micrograms per kilogram
µg/L	Micrograms per liter
AA	Atomic Absorption Spectroscopy
ASTM	American Society for Testing and Materials
BFB	Bromofluorobenzene
CLP	Contract Laboratory Program
COC	Chain of Custody
CTO	Contract Task Order
DBC	Dibutylchlorinate
DCS	Duplicate Control Sample
DDT	Dichlorodiphenyltrichloroethane
DI	Deionize/Distilled
DNT	Dinitrotoluene
DQO	Data Quality Objective
EPA	Environmental Protection Agency
ESE	Environmental Science and Engineering
FS	Feasability Study
ICP	Inductively Coupled Plasma Emission Spectroscopy
JMM	James M. Montgomery, Consulting Engineers, Inc.
Kg	Kilogram
L	Liter
LCS	Laboratory Control Sample
MRL	Method Reporting Limit
mg	Milligram
mL	Milliliter
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NAS	Naval Air Station
PARCC	Precision, Accuracy, Representativeness, Completeness, and Comparability
PCB	Polychlorinated biphenyl
PCP	Pentachlorophenol
PRC	PRC Environmental Management, Inc.
QA	Quality Assurance
QA/QC	Quality Assurance/Quality Control
QAPjP	Quality Assurance Project Plan
QC	Quality Control
RAS	Routine Anayltical Services
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasability Study
RPD	Relative Percent Difference
SOW	Statement of Work
SVOC	Semivolatile Organic Compounds
TCB	Trichlorobenzene
TCE	Trichloroethene
TOC	Total Organic Carbon
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compounds

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ALAMEDA POINT
SSIC NO. 5090.3

APPENDIX A – CROSS REFERENCE AND QC DATA

FINAL
QUALITY CONTROL SUMMARY REPORT SOLID WASTE WATER QUALITY ASSESSMENT TEST AND DATA SUMMARY REPORT FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY PHASES 5 AND 6

DATED 30 APRIL 1993

CROSS REFERENCE
AND
QC DATA

Continue

N00236.000849
ALAMEDA POINT
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APPENDIX A – CROSS REFERENCE AND QC DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

TO VIEW THE DATA, CONTACT:

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