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Quarterly Report of RCRA Groundwater Monitoring Data for Period January 1, 1994 through March 31, 1994

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Richland, Washington

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Quarterly Report of RCRA Groundwater Monitoring Data for Period January 1, 1994 through March 31, 1994

Environmental Services
Westinghouse Hanford Company

Date Published
July 1994

United States
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LIST OF TERMS

A-29 Ditch	216-A-29 Ditch
Basins	183-H Solar Evaporation Basins
CFR	*Code of Federal Regulations*
CIP	Contamination Indicator Parameter
CRQL	contractually required quantitation limit
CY	calendar year
DOE	U.S. Department of Energy
DWS	drinking water standard
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
GC	gas chromatography
GTF	Grout Treatment Facility
ICP	inductively coupled plasma
INC	Incident (report)
ITAS	International Technology Analytical Services
LERF	Liquid Effluent Retention Facility
LLBG	Low-Level Burial Grounds
LLWMA	Low-Level Waste Management Area
LWDF	Liquid Waste Disposal Facility
MDC	minimum detectable concentration
MDL	method detection limit
MS	mass spectroscopy
NCR	Nonconformance Report
NGVD '29	National Geodetic Vertical Datum 1929 Standard
NRDWL	Nonradioactive Dangerous Waste Landfill
NTU	nephelometric turbidity unit
PNL	Pacific Northwest Laboratory
PUREX	Plutonium-Uranium Extraction (Plant)
QAPP	Quality Assurance Project Plan
QC	quality control
RADE	Request for Analytical Data Evaluation
RCRA	*Resource Conservation and Recovery Act of 1976*
RCW	*Revised Code of Washington*
REDOX	Reduction-Oxidation (Plant)
RL	Richland Operations Office
RPD	relative percent difference
S-10 Facility	216-S-10 Pond and Ditch
SMCL	secondary maximum contaminant level
SST	single-shell tank
TC	total carbon
TDS	total dissolved solids
TOC	total organic carbon
TOX	total organic halogen
Tri-Party Agreement	*Hanford Federal Facility Agreement and Consent Order*
TSD	treatment, storage, and/or disposal
U-12 Crib	216-U-12 Crib
VOA	volatile organic analytes
WAC	*Washington Administrative Code*

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LIST OF TERMS (cont.)

WHC	Westinghouse Hanford Company
WMA	waste management area
WP	Water Pollution
WS	Water Supply

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QUARTERLY REPORT OF RCRA GROUNDWATER MONITORING DATA FOR PERIOD JANUARY 1, 1994 THROUGH MARCH 31, 1994

1.0 INTRODUCTION

Hanford Site interim-status groundwater monitoring projects are conducted as either background, indicator parameter evaluation, or groundwater quality assessment monitoring programs as defined in the *Resource Conservation and Recovery Act of 1976* (RCRA); and *Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities*, as amended (40 Code of Federal Regulations [CFR] 265). Compliance with the 40 CFR 265 regulations is required by the Washington Administrative Code (WAC) 173-303. This report contains data from Hanford Site groundwater monitoring projects. The location of each facility is shown in Figure 1-1.

Westinghouse Hanford Company (WHC) manages the RCRA groundwater monitoring projects for federal facilities on the Hanford Site. Project management, specifying data needs, performing quality control (QC) oversight, managing data, and preparing project sampling schedules are all parts of this responsibility. Pacific Northwest Laboratory (PNL) administers the contract for analytical services and provides groundwater sampling services to WHC for the RCRA groundwater monitoring program.

This quarterly report contains data received between February 26 and May 19, 1994, which are the cutoff dates for this reporting period. This report may contain not only data from the January through March quarter but also data from earlier sampling events that were not previously reported.

1.1 LABORATORY AND SAMPLING STATUS

DataChem Laboratories of Salt Lake City, Utah, performs the hazardous chemicals analyses for the Hanford Site. Analyses for coliform bacteria are performed by Columbia/Biomedical Laboratories and for dioxin by TMS Analytical Services, Inc.; both are under subcontract to DataChem Laboratories. International Technology Analytical Services (ITAS) Richland, Washington, performs the radiochemical analyses.

1.2 QUALITY CONTROL PROGRAM

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1.2.1 Introduction

The QC Program is based on guidance from the U.S. Environmental Protection Agency (EPA), the *RCRA Groundwater Monitoring Technical Enforcement Guidance Document* (EPA 1986a), and Chapter One: Quality Control, from *Test Methods for Evaluating Solid Waste* (EPA 1986b).

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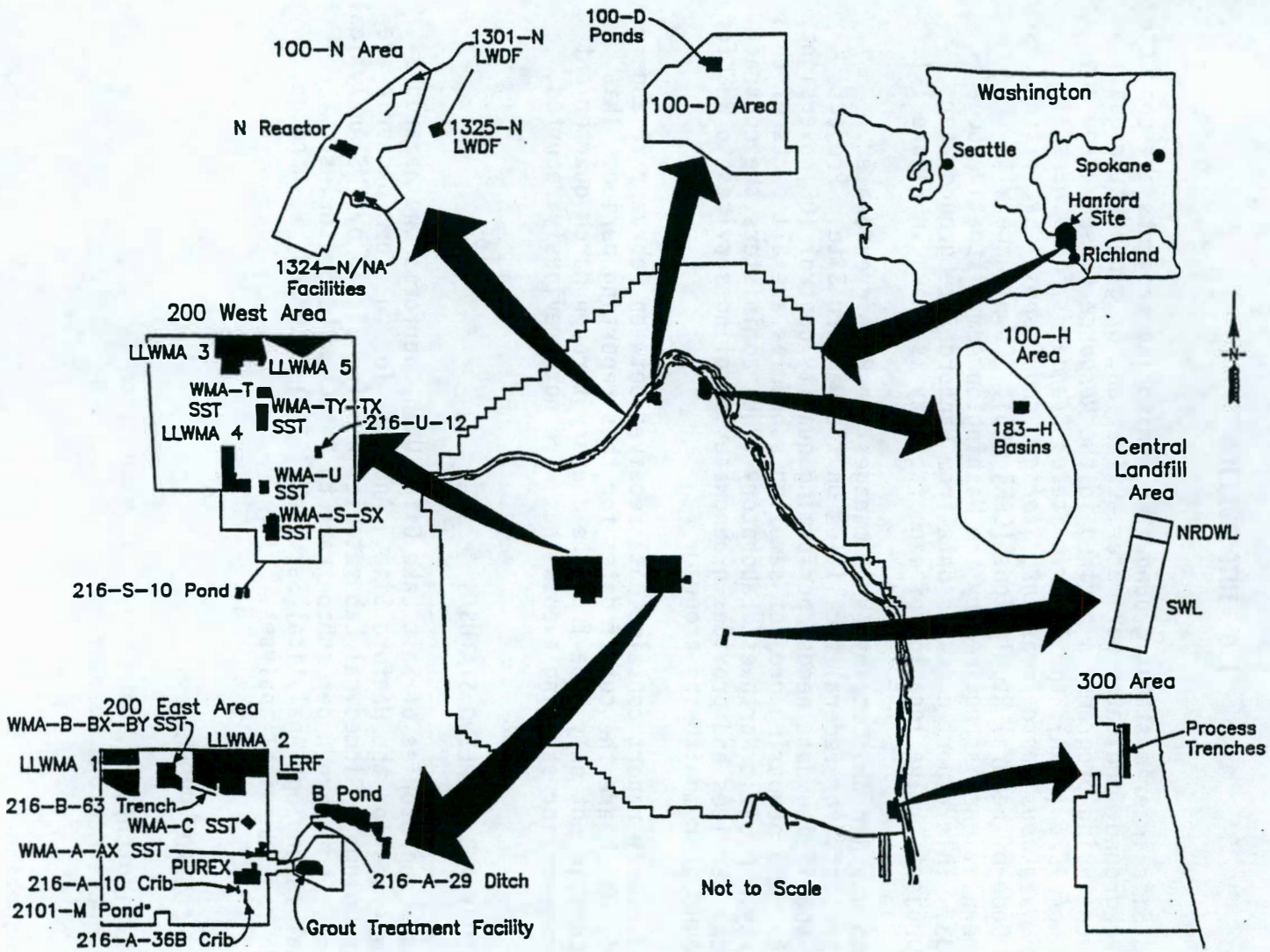

LERF	Liquid Effluent Retention Facility	PUREX	Plutonium-Uranium Extraction (Plant)
LLWMA	Low-Level Waste Management Area	SST	Single-Shell Tank
LWDF	Liquid Waste Disposal Facility	SWL	Solid Waste Landfill
NRDWL	Nonradioactive Dangerous Waste Landfill	WMA	Waste Management Area

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Figure 1-1. Locations of the RCRA Groundwater Monitoring Projects and Landmarks on the Hanford Site.

1.2.1.1 Data Quality Measures. The QC Program uses the five measures of data quality: precision, accuracy, representativeness, completeness, and comparability, along with applicable program-specific quality parameters to evaluate the quality of the data and the analytical laboratories analyzing the samples. Target values for precision and accuracy are specified in *Quality Assurance Project Plan* (QAPP) *for RCRA Groundwater Monitoring Activities* (WHC 1992).

1. Precision is evaluated using data results from laboratory duplicates, matrix spike duplicates (see Section 1.2.3), field duplicates, and blind samples (see Section 1.2.2).

2. Accuracy is evaluated using data results from laboratory matrix spikes; laboratory control samples; EPA Water Pollution (WP), Water Supply (WS), and Interlaboratory Performance Evaluation Programs (see Section 1.2.3); and by blind samples (see Section 1.2.2).

3. Representativeness expresses the degree to which RCRA facility groundwater monitoring data represent the real composition of the groundwater in the aquifer. Goals for data representativeness for groundwater monitoring programs are addressed qualitatively by the specification of well construction, sampling locations, sampling intervals, and sampling and analyses techniques in the groundwater monitoring plan for each RCRA facility.

4. Completeness is defined as the percentage of measurements made that are judged to be valid. Completeness is determined by the number of data unflagged during validation divided by the total number of data evaluated multiplied by 100. The calculated percentages used in reporting completeness are conservative figures and are based on the data flags P, F, D, Q, and/or H. Table 1-1 illustrates project completeness for the data presented in this report.

5. Comparability is used to ensure that samples analyzed by different laboratories or by the same laboratory over different time periods are comparable. For the January through March quarter of 1994, only the primary hazardous chemistry and radiochemistry laboratories were requested to analyze samples and submit data. Samples were analyzed in accordance with *Test Methods for Evaluating Solid Waste* (EPA 1986b) and other applicable approved methods. Comparability of field measurements is determined by following approved sampling procedures that ensure consistency among sampling events.

1.2.1.2 Program-Specific Validation Flags. Program-specific validation flags are assigned during the process of evaluating RCRA groundwater data. These flags include (1) H flags for exceeding holding times; (2) Q flags for field blank and duplicate data outside of the evaluation criteria; (3) F flags for data under the Request for Analytical Data Evaluation (RADE) process; (4) D flags for data associated with a Nonconformance Report (NCR)/Incident (INC) report; and (5) P flags for data identified as a "potential problem."

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Table 1-1. Completeness. (sheet 1 of 2)

Project	Total number of evaluated data	Number of unflagged results	Percent complete (unflagged)
100-D	96	96	100
100-N	2,655	2,511	95
183-H	1,221	1,151	94
2101-M	358	340	95
216-A-10	206	200	97
216-A-29	2,486	2,375	96
216-A-36B	236	216	92
216-B-3	1,760	1,695	96
216-B-63	176	169	96
216-S-10	201	198	99
216-U-12	725	695	96
300 APT	60	40	67
Grout	206	198	96
LERF	328	310	95
LLBG WMA-1	1,883	1,858	99
LLBG WMA-2	0	0	N/A
LLBG WMA-3	2,643	2,500	95
LLBG WMA-4	89	69	78
LLBG WMA-5	1,857	1,721	93
NRDWL	1,011	928	92
SST A/AX	413	398	96
SST B/BX/BY	696	668	96
SST C	430	414	96
SST S/SX	622	603	97
SST T	653	631	97
SST TX/TY	516	502	97
SST U	467	454	97

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Table 1-1. Completeness. (sheet 2 of 2)

Project	Total number of evaluated data	Number of unflagged results	Percent complete (unflagged)
SWL	683	616	90

APT = Area Process Trench.
LERF = Liquid Effluent Retention Facility.
LLBG = Low-Level Burial Grounds.
NRDWL = Nonradioactive Dangerous Waste Landfill.
SLW = Solid Waste Landfill.
SST = single-shell tank.
WMA = waste management area.

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1. Holding time exceedances have been flagged in the quarterly reports with an H flag. This flag means that the samples were analyzed beyond the method-required holding times as stated in the contract. The H-flagged data may be used qualitatively, but no regulatory decisions should be made based on a single flagged analytical result.

2. Field blanks that indicate contaminations, and field duplicate samples that show greater than 25% relative percent difference (RPD), are identified in the quarterly project data tables with a Q flag. This flag means that the field QC data associated with the sample data were outside limits established in the *Environmental Engineering and Geotechnology Function Procedures* (WHC-CM-7-8). The Q-flagged data can be used qualitatively, but no regulatory decisions should be made based on a single-flagged data point.

3. The RADE system is used to track and evaluate data that appear to be inconsistent with the current pattern or with historical trends (see Section 1.5).

4. NCR and INC reports are received from the laboratory and are used to document occurrences that may affect data quality. Data points affected by these reports are flagged with a 'D.' The D-flagged data may be used qualitatively, but no regulatory decision should be made based on a single-flagged data point (see Section 1.2.4).

5. Data points related to isolated occurrences determined by the specific project scientist are flagged with a 'P,' indicating a potential problem with the data. Explanations for use of the flag will be discussed in the specific project chapter.

1.2.2 External Quality Control Program

The external QC program uses three kinds of QC samples to evaluate quality in the field and laboratory. These are field duplicates, field blanks, and blind samples. (See page 1-18 for definitions of the above QC samples.)

The analytical results of QC samples are judged to be acceptable if the following evaluation criteria are met.

- Field duplicates--Results of field duplicate pairs must have precision as measured by RPD within ±25%.

- Blanks--Four kinds of blanks are used to check for contamination resulting from field activities and/or bottle preparation. These are full trip blanks, daily trip blanks, field transfer blanks, and bottle blanks.

  Except for common laboratory contaminants, results above the limit of two times the method detection limit (MDL) are identified as suspected contamination. For common laboratory contaminants, such as acetone, methylene chloride, 2-butanone, toluene, and phthalate esters, sample results less than five times the MDL are qualified as nondetects.

- Blind samples--Results must fall within 2.0 standard deviations from the mean recovery of the known concentration of samples submitted to the laboratory.

Table 1-2 provides a summary of the analysis results of QC samples available for the January through March quarter of 1994.

Samples associated with duplicate or blank analytes that exceeded the QC limits are discussed below and are flagged with a 'Q' in the data tables.

Table 1-2. Field Duplicates and Field Blanks Evaluation Results, First Quarter 1994.

	Number of analyses	Number of results outside of criteria	Acceptable (%)
Duplicates	2327	157	93.3
Blanks	3101	54	98.3

Precision based on field duplicate analysis was determined to be 93.3% acceptable. Table 1-3 shows a breakdown of the 157 duplicate results that fell outside the QC limits.

Of the 3,101 blanks analyzed during the January through March quarter of 1994, only 54 exceeded the QC limit for 98.3% acceptability. Table 1-4 shows a breakdown of the constituents detected in the blanks.

High turbidity in field samples continues to be an issue. Sixteen out of sixteen field blanks exceeded QC limits for turbidity. Efforts are underway to resolve this issue and investigation into this issue continues.

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Table 1-3. Breakdown of Field Duplicates Exceeding Quality Control Limits.

Method analysis code	Method description	Number of flagged results	Total number of results	Percent of total out of limits
16	Volatile organics (gas chromatography/mass spectrometry)	1	66	1.5
25	Volatile organics (gas chromatography)	11	170	6.5
30	Phenols	1	272	0.4
34	Inductively coupled plasma metals	91	866	10.5
40,43,48	Graphite furnace atomic absorption metals	15	54	27.8
41	Mercury	1	18	5.6
65	Total dissolved solids	1	6	16.7
67	Total organic halogen	1	7	14.3
122	Total organic carbon	3	19	15.8
124	Anions	7	175	4.0
126	Turbidity	2	18	11.1
129	Ammonium ion	2	7	28.6
135	Gross alpha	9	16	56.3
136	Gross beta	5	16	31.3
137	Radium	1	5	20.0
140	Cesium-137, Cobalt-60	4	20	20.0
141	Strontium-90	1	7	14.3
148	Uranium-235	1	3	33.3

All three of the field blanks analyzed for total carbon (TC) exceeded the QC limits. All three samples are qualified with a 'B,' which suggests contamination of the laboratory blank associated with these samples. The laboratory assigns a B qualifier when the result of the laboratory blank associated with the sample is greater than the MDL. (See Section 1.2.3 for discussion about the B qualifier.)

Table 1-4. Breakdown of Field Blanks Exceeding Quality Control Limits.

Method analysis code	Method description	Number of flagged results	Total number of results	Percent of total out of limits
16	Volatile organics	4	1,686	0.2
34	Inductively coupled plasma metals	20	570	3.5
357	Alkalinity	1	7	14.3
122	Total organic carbon	4	29	13.8
124	Anions	2	77	2.6
126	Turbidity	16	16	100
127	Total carbon	3	3	100
129	Ammonium ion	4	8	50

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Although only a small percentage (3.5%) of inductively coupled plasma (ICP) metal results fell outside QC limits, over half of them are qualified with a 'B,' which suggests either contamination in the laboratory or improper criterion was used by the laboratory in assigning the B qualifiers.

Table 1-5 shows the required and actual sampling frequencies for QC samples. Sampling frequency was met for bottle blanks. One daily trip blank was added to a non-RCRA surveillance well, which does not fulfill the daily trip blank requirement. Therefore, sampling frequency was not met for daily trip blanks. Sampling frequencies were exceeded for duplicates, full trip blanks, and field transfer blanks. This issue has been brought to the attention of the contract administrator.

Table 1-5. Frequency of Quality Control Samples.

Quality control samples	Required frequencies	Number of wells sampled	Number of samples taken	Actual frequency (%)
Duplicates	5%	252	14	5.6
Daily trip blank	One each sampling day (50)	49 (required = 50)	49	98
Full trip blank	5%	252	16	6.3
Field transfer blank	5%	252	22	8.7
Bottle blanks	Per lot of bottles (3)	N/A	3	100

N/A = not applicable.

1.2.3 Internal Quality Control Program

The internal QC program uses four types of QC data to establish and monitor performance in the laboratory. These data are laboratory blanks, matrix spikes, matrix duplicates, and EPA studies (WP and WS).

Every quarter the contracted laboratories each supply their own QC report, which includes data quality information on matrix spikes, matrix duplicates, and blanks in the form of precision and accuracy. The contracted laboratories also supply a report of their results on EPA's WP, WS, and radiochemical intercomparison studies on a quarterly basis. The results of EPA studies independently verify the continuation of laboratory performance and are expressed as the percentage of EPA-accepted results. Each half year the contracted laboratories also supply an MDL/minimum detectable concentration (MDC) report. The MDLs and MDCs are required to be below the contractually required quantitation limit (CRQL). The CRQL is not associated with a quantitation limit as the name suggests. It is intended to be the lowest analyte concentration in a given matrix that a laboratory can be expected to detect consistently. The CRQL is agreed on under the contractual statement of work. A laboratory NCR is issued when the MDL is greater than the CRQL. WHC reviews each of these reports and summarizes the results in Table 1-6.

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Table 1-6. Radiochemistry Quarterly Report Summary.

First quarter 1994	Duplicates (precision, in % acceptable)	Spikes (accuracy, in % acceptable)	Blanks (in % acceptable)
January through March	100.0	99.6	99.6

Precision and accuracy results from the radiochemistry laboratory, summarized in Table 1-6, indicate the performance of all customers submitting water matrix samples. WHC samples represent only a part of the performance summary. These figures represent samples analyzed during the period of January through March 1994.

Radiochemistry precision and accuracy figures are gleaned from the radiochemistry laboratory's quarterly report, with percent acceptability calculated from duplicates and spikes, respectively. These results, along with radiochemistry blank data, are summarized in Table 1-6.

For the January through March quarter of 1994, the radiochemistry laboratory analyzed 125 duplicates, of which 125 were within control limits, for an acceptability of 100%. For this quarter, no duplicates exceeded the 3σ control limit.

The radiochemistry laboratory analyzed 270 spikes, of which 269 fell within control limits, for an acceptability of 99.6%. The laboratory qualified one technetium-99 QC sample as an outlier based on the contract administrator-recognized "outlier test." The laboratory accepted the results of samples associated with this spike because the other QC samples in the batch were within QC limits.

Of 274 blanks analyzed for the January through March quarter of 1994, 273 fell within control limits, for an acceptability of 99.6%. The laboratory reports that one matrix blank exceeded the ±CL (contractual detection limit) acceptance limit for tritium. The laboratory reviewed the other QC samples associated with the sample batch and, because they were all within QC limits, they accepted the analytical results.

This quarter, for the first time, WHC has received electronically the laboratory (internal) QC data from the hazardous chemistry laboratory in addition to the hardcopy quarterly QC summary.

An overabundance of B qualifiers has once again appeared in the data tables, specifically for TC and ICP metals. Some sites have also reported that nearly all of their alkalinity data have B qualifiers attached. The hazardous chemistry laboratory has asserted that no contamination problem exists in the laboratory specifically for TC and total organic carbon (TOC). However, 5.3% of their internal QC samples have B qualifiers attached. For ICP metals, 14.2% of the QC samples have been reported with B qualifiers. Of the 16 QC samples analyzed for TC, 12 were assigned B qualifiers. One third of the alkalinity QC results are qualified with a 'B.'

When over 5% of a laboratory's data are reported with a 'B' (to signify contamination in the laboratory blank), a natural conclusion is drawn that a contamination problem exists. However, upon closer examination of many of the data and their associated qualifiers, anomalies have been detected. Some of the B-qualified data have results below the MDL, the limit above which a 'B' is supposed to be assigned. One possible explanation for this type of anomaly is the fact that the MDL report, which the laboratory produces and by which criteria it assigns B qualifiers, has been altered or recalculated several times in the past two or three quarters and confusion has arisen as to which report to follow. This issue has been brought to the attention of the contract administrator for further investigation.

Also under negotiation with the laboratory through the contract administrator is the limit at which a B qualifier is assigned.

The hazardous chemistry laboratory received performance evaluation samples for TOX and TOC during December 1993. These samples were sent in duplicate and were in high and low concentrations for both TOX and TOC. Samples were sent to two comparison laboratories. The results of all three laboratories' performance is shown in Table 1-7.

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Table 1-7. Summary of Performance Evaluation Samples.

Analyte	"True value" (ppb)	Hazardous chemistry lab mean result (ppb)	Comparison lab 1 mean result (ppb)	Comparison lab 2 mean result (ppb)	95% confidence interval (ppb)
TOX	47	55	48	55	47 - 59
TOX	168	175	201	125	125 - 209
TOC	439	700	770	NA	576 - 893[a]
TOC	2510	3000	2850	2200	2272 - 3095

[a]Based on four data points instead of six.
NA = not available.
TOC = total organic carbon.
TOX = total organic halogen.

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The 95% confidence interval is used to establish acceptance limits for performance evaluation (PE) sample results (see WHC-CM-7-8, Section 2.4, "Evaluation of RCRA Groundwater Performance Evaluation Sample Data"). The hazardous chemistry laboratory's mean results for three of the four PE sample values fall within the limits of the 95% confidence interval and are acceptable according to WHC-CM-7-8, Section 2.4.

The hazardous chemistry laboratory's low TOC PE sample result could not be evaluated per procedure WHC-CM-7-8, Section 2.4, because the limits of the 95% confidence interval were based on four laboratory results instead of six. This occurred because one of the comparison laboratories was unable to report below their detection limit of 1,000 ppb.

A control chart was constructed using TOC laboratory blank values from the hazardous chemistry laboratory. From this it was determined that the mean value for blanks is approximately 200 ppb. Currently the hazardous chemistry laboratory does not blank correct. This could explain why TOC results appear to be biased approximately 200 ppb high.

Based on this information, WHC has requested from the contract administrator a more appropriate TOC procedure that includes blank correction.

1.2.4 Nonconformance/Incident Reports

NCR and INC reports are methods of documentation by which contract laboratories can inform laboratory contractors and their customers of any problems encountered with the analysis, data, and/or data deliverable. This method of documentation identifies occurrences, deficiencies, and/or issues

that can potentially have an adverse effect on the data integrity. These may include, but are not limited to, the following:

- Lost sample
- Broken bottle
- Instrument malfunction
- Calibration standard out of acceptable range
- Laboratory control standard out of acceptable range
- Matrix spike recovery out of acceptable range
- Procedural noncompliance
- Chain of custody discrepancies
- Shipping temperature out of acceptable range
- Misreported data.

During this reporting period, 23 NCR/INC reports were transmitted, which adversely affected groundwater samples or external QC samples (e.g., trip blanks, bottle blanks). Twenty NCR/INC reports were transmitted by the hazardous chemistry laboratory and 3 reports were transmitted by the radiochemistry laboratory. The reports transmitted by the hazardous laboratory affected 239 data points. There were 147 data results rejected as a result of lab incidents; 92 data results were evaluated as being suspect and should only be used as trending data. The reports transmitted by the radiochemistry laboratory affected five data points. The data results were each rejected by WHC as a result of the lab incidents. Table 1-8 breaks down the wells, area of analysis, and results of the WHC evaluation of the data (R or J). The R flag denotes a data result that has been rejected and the J flag denotes a data result determined to be "suspect" (used for trending only).

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1.2.5 Quality Assurance Occurrences

Quality assurance occurrences are situations that potentially affect the quality of the data. These situations are discussed through summaries of inspections of laboratory services and/or system and performance audits/surveillances.

Inspection of laboratory services and/or system and performance audits/surveillances for the RCRA groundwater monitoring program are performed throughout the year by the laboratory contractor, WHC, and/or the U.S. Department of Energy (DOE) on various aspects of this program. Quality assurance requirements and data quality objectives are defined in the *Quality Assurance Project Plan for RCRA Groundwater Monitoring Activities* (WHC 1992). Results of these oversight activities are documented with the audit/surveillance and/or inspecting organization(s).

1.2.5.1 Occurrences for Current Quarter. During the reporting period the hazardous chemistry laboratory responded to the lingering findings and observations from the previous two inspection of services. The contract administrator determined the responses to be insufficient and has requested adequate responses by January 31, 1994. Adequate response/action on this issue from the laboratory has not been received to date.

Table 1-8. RCRA Samples Flagged for Nonconformance Reports.
(sheet 1 of 6)

Flag Name	Flag	Method Name	Method Code	Well Name	Sample Number
Rejected	R	ABN	19	299-W15-19	B084G2
		ALPHA	135	299-W27-1	B0BRR3
					B0BRR4
		BETA	136	299-W27-1	B0BRR3
					B0BRR4
		H-3	142	299-E25-18	B0BSD5
		I-129L	139	699-40-36	B0BRG2
		PCB	17	399-1-17A	B09MX4
					B09MX5
		PESTICIDES	17	299-W22-45	B08855
		PHENOL	30	299-E24-19	B0BJC7
				299-W15-16	B084D7
				299-W18-27	B084L7
		TOX	67	199-N-2	B09TC3
				199-N-41	B09VP9
				199-N-69	B09TS3
					B09TS4
					B09TS5
					B09TS6
					B09TS7
					B09TS8
				199-N-74	B09W27
				199-N-81	B09VM9
				299-E17-15	B09PP7
				299-E17-20	B09PP9
				299-E25-11	B09PQ1
				299-E25-18	B09PQ4
				299-E25-19	B09PQ7
				299-E25-20	B09PQ9
				299-E25-35	B09Q73
					B09Q74
					B09Q75
				299-E25-36	B09PS3
				299-E25-42	B09Q77
					B09Q78
					B09Q79
					B09Q80

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Table 1-8. RCRA Samples Flagged for Nonconformance Reports.
(sheet 2 of 6)

Flag Name	Flag	Method Name	Method Code	Well Name	Sample Number
Rejected	R	TOX	67	299-E25-48	B09Q87
					B09Q88
					B09Q89
					B09Q90
				299-E26-11	B09QG2
					B09QG3
					B09QG4
					B09QG5
				299-E28-25	B09NQ9
				299-E32-4	B09Q52
					B09Q53
					B09Q54
					B09Q55
				299-E33-29	B0BR65
				299-E33-35	B09QM1
				299-E35-2	B09QG8
				299-W14-12	B09PJ7
					B09PJ8
					B09PJ9
					B09PK0
				299-W15-18	B09LS8
				299-W6-11	B09ZD1
				299-W6-2	B09ZK1
					B09ZK2
					B09ZK3
					B09ZK4
					B09ZK5
					B09ZK6
					B09ZK7
					B09ZK8
				299-W6-5	B09ZG5
					B09ZG6
					B09ZG7
					B09ZG8
				299-W6-9	B09ZJ8
				699-23-34A	B0B041
					B0B042
					B0B043
					B0B044
				699-24-34B	B0B060
					B0B061
				699-24-35	B0B069
					B0B071
				699-25-33A	B09ZT8
					B09ZT9
					B09ZV0

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Table 1-8. RCRA Samples Flagged for Nonconformance Reports.
(sheet 3 of 6)

Flag Name	Flag	Method Name	Method Code	Well Name	Sample Number
Rejected	R	TOX	67	699-25-34D	B09ZW2
					B09ZW5
				699-40-36	B09Q93
				699-40-39	B09PV9
				699-40-40A	B09PW6
					B09PW7
					B09PW8
					B09PW9
				699-40-40B	B09PX0
					B09PX1
					B09PX2
					B09PX3
				699-41-40	B09PX4
					B09PX5
					B09PX6
					B09PX7
				699-41-42	B09PX8
					B09PX9
					B09PY0
					B09PY1
				699-42-39A	B09PY2
					B09PY3
					B09PY4
					B09PY5
				699-42-39B	B09PY6
					B09PY8
					B09PY9
				699-42-40C	B09PZ5
				699-42-41	B09Q60
					B09Q61
					B09Q62
					B09Q63
				699-43-40	B09SK0
					B09SK1
					B09SK2
					B09SK3
				699-43-41E	B09Q08
					B09Q09
					B09Q10
					B09Q11
				699-43-41G	B09Q16
					B09Q17
					B09Q18
				699-43-45	B09Q48
					B09Q50

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Table 1-8. RCRA Samples Flagged for Nonconformance Reports.
(sheet 4 of 6)

Flag Name	Flag	Method Name	Method Code	Well Name	Sample Number
Rejected	R	TOX	67	699-44-39B	B09Q24
					B09Q25
					B09Q26
					B09Q27
				699-44-43B	B09Q32
					B09Q33
					B09Q34
					B09Q35
					B09Q36
					B09Q37
					B09Q38
					B09Q39
				FTR176	B09QH3
					B09QH5
				FTR177	B09Q56
					B09Q57
					B09Q58
					B09Q59
				FTR182	B09ZT2
					B09ZT3
					B09ZT4
					B09ZT5
		VOA (GC/MS)	16	699-40-36	B09Q92
				TRP 502	B07FB2
Suspect	Y	ABN	19	299-W6-11	B09ZD1
		ANIONS	130	299-W22-42	B0BT73
		PCB	17	399-1-17A	B09MX4
					B09MX5
		PEST/PCB	17	299-W18-250	B08CF5
					B08CF6
					B08CG7
				299-W23-16	B08CG9
		PESTICIDES	17	299-E17-20	B0BS91
				299-E25-20	B0BS97
				299-E25-21	B0BSD9
				299-E25-35	B0BSH6
				299-E25-36	B0BSB3
		PHENOL	30	299-W18-25	B0BK10
				299-W18-30	B0BJV5
				299-W19-31	B0BJW5
				299-W19-32	B0BJX0

Table 1-8. RCRA Samples Flagged for Nonconformance Reports.
(sheet 5 of 6)

Flag Name	Flag	Method Name	Method Code	Well Name	Sample Number
Suspect		TOX	67	199-D5-13	B09MT6
					B09MT8
					B09MT9
				199-D8-4	B09MV1
					B09MV2
					B09MV3
					B09MV4
				199-D8-5	B09MV6
					B09MV7
					B09MV8
					B09MV9
				199-D8-6	B09MW1
					B09MW2
					B09MW3
					B09MW4
				199-N-81	B09L52
				299-E17-14	B09MY2
					B09MY3
					B09MY4
					B09MY5
				299-E17-15	B09MY6
					B09MY7
					B09MY8
					B09MY9
				299-E17-16	B09MZ0
					B09MZ1
					B09MZ2
					B09MZ3
				299-E17-17	B09MZ4
					B09MZ5
					B09MZ6
					B09MZ7
				299-E17-9	B09N10
					B09N11
					B09N12
					B09N13
				299-E34-10	B09KK4
					B09KK5
					B09KK6
					B09KK7
				299-E34-11	B09KK9
					B09KL0
					B09KL1
					B09KL2
				299-E34-12	B09KL4
					B09KL5
					B09KL6

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Table 1-8. RCRA Samples Flagged for Nonconformance Reports.
(sheet 6 of 6)

Flag Name	Flag	Method Name	Method Code	Well Name	Sample Number
Suspect	Y	TOX	67	299-E34-9	B09KN9
					B09KP0
				299-W10-19	B09LF4
				299-W15-19	B09LT1
					B09LT2
					B09LT3
					B09LT4
				299-W6-2	B09LF5
				299-W7-1	B09LF6
				299-W7-10	B09LF7
				299-W7-11	B09LF8
					B09LF9
				299-W7-12	B09LG0
				299-W7-2	B09LG1
				299-W7-3	B09LG2
				299-W7-4	B09LG3
				299-W7-5	B09LG4
				299-W7-6	B09LG5
				299-W7-7	B09LG6
				299-W7-8	B09LG7
				299-W7-9	B09LG8
				299-W8-1	B09LG9
				299-W9-1	B09LH0
				699-2-3	B09L85
		VOA (GC)	25	299-W10-1	B09CY9
				299-W11-7	B09CZ9
				299-W15-2	B09D04
				299-W7-3	B0BDP4

Because of past and current issues regarding TOX results, groundwater samples were sent to an alternate contracted laboratory for TOX analyses. TOX data for two sites (Nonradioactive Dangerous Waste Landfill [NRDWL] and Low-Level Burial Grounds [LLBG]) were plotted against the sum of the volatile organic analyses (VOA) data. Preliminary results indicated that a good correlation exists between the two sets of data for the two sites mentioned above. Efforts are underway to compare TOX and VOA data for the remaining affected sites. Because of this new information, the Data Evaluation Team has begun to establish or revise initial background values for TOX.

1.3 QUALITY CONTROL DEFINITIONS

Accuracy. The closeness of agreement between an observed value and a true value. Accuracy is assessed by means of reference samples and percent recoveries.

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Blind sample. A sample that contains a concentration of analyte that is known to the supplier but unknown to the analyzing laboratory. The analyzing laboratory is informed that the sample is a QC sample and not a field sample. The blind, double blind, and matrix matched double blind samples are used to assess accuracy and monitor the performance of the analytical laboratory(ies) with prepared or purchased materials from EPA QC samples/concentrates or primary materials.

Bottle blank. A sample that contains only Type II reagent water. The bottle blank contains one sample for each bottle size, with at least enough bottles to include all constituents analyzed by a specific project, except radionuclides. Bottle blanks shall be submitted to the primary laboratory per lot of bottles. Bottle blanks are filled in the analytical laboratory under the sample preparation procedures. Bottle blanks do not go into the field.

Contractually required quantitation limit. A value intended to be the lowest analyte concentration in a given matrix that the laboratory can be expected to achieve consistently; agreed upon under the contract statement of work.

Daily trip blank. A sample that contains only Type II reagent water. The daily trip blank is used to check for sample contamination by volatile organic compounds arising from conditions encountered during the collection of samples. The daily trip blank is not opened in the field. One daily trip blank is collected for each day that sampling occurs.

Double blind sample. A sample that contains a concentration of analyte that is known to the supplier but is unknown to the analyzing laboratory. The analyzing laboratory is not informed that the sample is a QC sample. All attempts are made to make this sample appear like a field sample. For example, the double blind sample should be submitted to the laboratory within the same time period and with a sample identification number similar to that of the field samples. The double blind sample does not include matrix matching.

External quality control sample. Any QC sample prepared without the knowledge of the analytical laboratory.

Field duplicate sample. A sample used to determine repeatability of an analytical measurement on identical samples collected as close as possible to the same time at the same location. These samples are stored in separate containers and are analyzed independently by the same laboratory.

Field transfer blank. A sample that contains only Type II reagent water. The field transfer blank is used to check for sample contamination by volatile organic compounds arising from conditions encountered during the collection of samples. The field transfer blank is taken during the collection of samples. The field transfer blank is filled at the sampling site by pouring Type II reagent water from a cleaned container into a volatile organic analysis vial. At least 1 field transfer blank is collected for each 20 samples, or 1 per sampling batch.

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Full trip blank. A sample that contains only Type II reagent water and preservative, as required. A full trip blank is used to check for contamination in sample bottles and sample preparation. The full trip blank is analyzed for all constituents of interest on all types of sample bottles used during that sampling period. The frequency of collection for a full trip blank is 1 per 20 samples, or 1 per sampling batch. A full trip blank is filled in the analytical laboratory under the sample preparation procedures. The full trip blank is not opened in the field.

Internal quality control sample. Any QC sample prepared by the analytical laboratory and used to establish and monitor the quality of the analytical laboratory.

Limit of detection. The lowest concentration level that is statistically different from a blank. This is calculated by the average blank signal plus three standard deviations of the blank analyses.

Matrix matched double blind sample. A matrix matched double blind sample contains a concentration of analyte that is known to the supplier but unknown to the analyzing laboratory. The sample matrix has been altered to closely match that of the field samples.

Method detection limit. The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Minimum detectable concentration. Required level of analytical detection for radiochemical samples.

Precision. The agreement among a set of individual measurements of the same property, usually under prescribed similar conditions. Precision is calculated by using RPD of the duplicate/replicate analyses. These samples should contain concentrations of analyte above the MDL and may involve the use of matrix spikes.

Reliable detection level. A detection limit set at two times the concentration of the MDL, so the risk of both false positives and false negatives falls below 1%.

Type II reagent water. Distilled or deionized water that is free of contaminants that may interfere with the analytical test in question.

1.4 DATA TABLES

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Four different formats are used to display water level measurements and groundwater sample analytical results. This section describes the meaning of each table column heading, defines the abbreviations used, explains the data qualifiers and flags, and lists analysis method codes and relevant regulatory standards.

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A new hazardous chemical laboratory MDL report became effective for samples received on or after March 4, 1994. The new report contains some changes to the MDLs. Results that are below the MDL are reported with the MDL value followed by a U qualifier. This document contains data that were processed through both the old and new reports. The sample collect date is a good indicator of which report was in place because the samples are typically collected no more than one day before they are received by the laboratory. Note that all MDL values shown in the data tables are the new MDL report values, even if some of the data were analyzed under the old MDL report that was in effect before March 4, 1994.

1.4.1 Appendix

Appendix A has been created for data that were re-reported by DataChem Laboratories. The data set was collected between October 8 and December 20, 1993, and was re-reported because the data were initially reported with discrepancies. The majority of the discrepancies were missing comment codes on the diskettes but were present on the Analytical Report Form.

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1.4.2 Water Level Measurement Report

The Water Level Measurement Report has four columns as follows:

- Well--Well in which measurement was made.
- Date--Date of measurement.
- Depth to water--Depth, in feet, from well casing reference point to top of water in well.
- Water level--Elevation, in feet above mean sea level, of water level computed by subtracting depth to water from casing reference elevation.

Wells are grouped according to the zone that they monitor beginning with the top of the unconfined aquifer and continuing downward to the confined aquifer.

Only measurements made during the reporting quarter are included in the tables. In addition to measurements made during sampling, which are marked with an asterisk (*), measurements are routinely performed at other times to permit collection of data for an entire network within a 1- or 2-day time period.

Data that are judged to be suspect by the project scientist are flagged with '+' in the table. Before data are designated as suspect, checks are conducted to determine if a transcription error occurred between the field sheet and the electronic database.

1.4.3 Constituent List and Summary of Results

The Constituent List and Summary of Results table (Summary table) is the first of three tables that present the results of groundwater sample analyses. The Summary table displays statistics based on the complete data set for the reporting period. The complete data set consists of all analysis results requested by the project associated with samples collected before the end of the current reporting quarter, which arrived at WHC before the cutoff date for the current quarterly report (see Section 1.1 for the current cutoff date), and which have not been reported in a previous quarterly. Therefore, data collected during previous quarters may appear in this document if the laboratory did not report the data until the current reporting period.

The fields in the Summary table are as follows:

- Constituent name--Name of the analyzed constituent being summarized; the Short name is an abbreviation used in the Constituents with at Least One Detected Value table (Section 1.4.4); the (Method), when ~~present,~~ is a code (Section 1.4.6) used to distinguish between different analytical methods for the same constituent.

- Units--Units in which the MDL and drinking water standards (DWS) are reported in this table.

- Laboratory MDL--The MDL computed by the laboratory for a constituent. This field is blank for radionuclides where the MDL is defined as the value of the total error reported by the laboratory for each result.

- DWS limit/agency--The DWS used for comparison to the reported results; see Section 1.4.6 for Agency definitions and a complete listing of standards used.

- Number of samples--Total is the number of sample results from all wells in the project contained in the complete data set for that constituent; >MDL is the number of results that exceed the MDL; >DWS is the number of results that exceed the listed DWS.

Summarized constituents are grouped as Contamination Indicator Parameters (CIP), Drinking Water Parameters, Groundwater Quality Parameters, and Site-Specific and Other Constituents. Within groups, rows are ordered alphabetically by the full constituent name.

If a constituent has an MDL that exceeds the DWS, exceedance of the DWS cannot be determined, so an asterisk (*) is placed in the >DWS field.

1.4.4 Constituents with at Least One Detected Value

The Constituents with at Least One Detected Value table (Detected table) is a subset of the complete data set. Only constituents that were detected above the MDL in at least one sample collected for the project during the current reporting period are reported in the Detected table.

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The first three column headings are as follows:

- Well name--Well from which sample was collected.
- Collection date--Date sample was collected.
- Sample number--Unique number assigned to a well sample.

The remaining columns contain analytical results and qualifiers for the constituent. The structure of the column header is as follows.

Constituent short name
Method code/reporting units
MDL/DWS (suffix).

The Summary table (Section 1.4.3) shows the relationship between the full constituent name and the short name. The analytical method code is defined in Table 1-9. Abbreviations used for reporting units are listed in Section 1.4.6. On the third line, a period appears in place of the MDL or DWS if a value does not exist. The one-letter suffix that may be added to the DWS identifies the regulation associated with the standard and is described in Section 1.4.6.

Analysis results are displayed with two digits to the right of the decimal point. This is a consequence of the generating software and does not reflect the precision of the results. The laboratories normally report the result with three significant digits. Radionuclide values may be negative because the laboratory subtracts a background reading from the measured result. The letter, or group of letters, that may follow the result are data qualifiers and flags. A complete explanation of what each flag means is provided in Section 1.4.6.

1.4.5 Contamination Indicator Parameters

The CIP table has a format similar to the Detected table (Section 1.4.4) but includes only data for pH, specific conductance, TOC, and TOX. All results for these parameters, whether detected or not, are listed in the CIP table. The analysis method code is not part of the column header in this report.

1.4.6 Codes and Abbreviations

Abbreviations--The abbreviations used in the data tables are as follows:

COL	coliform colonies per 100 milliliters
DWS	drinking water standard
ft	feet
MDL	method detection limit
msl	mean sea level
NTU	nephelometric turbidity unit

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Table 1-9. Analysis Method Code Definitions.

Method code	Method name
16	SW-846 8240[a]
17	SW-846 8080[a]
19	SW-846 8270[a]
25	SW-846 8010/8020[a]
29	SW-846 8140[a]
30	SW-846 8040[a]
34	SW-846 6010[a]
36	ASTM D-1385[b]
40	SW-846 7421[a]
41	SW-846 7470[a]
42	SW-846 7841[a]
43	SW-846 7060[a]
48	SW-846 7740[a]
49	SW-846 8150[a]
51	SW-846 8280[a]
52	ASTM D-1067-A
54	ASTM D-1426-D
56	SW-846 9010[a]
62	In-house ion chromatography
63	SW-846 9030[a]
65	Standard Methods #209B[c]
67	SW-846 9020[a]
69	SW-846 9131[a]
73	ASTM D-1125-A
93	Field probe, pH
94	Field probe, conductivity
122	SW-846 9060[a]
124	ASTM D-4327-88
125	ASTM D-1293
126	Standard Methods #214A[c]
127	ASTM D-2579-A
129	ASTM D-1426-C
130	EPA Method 300.0[d]
135	SW-846 9310, Alpha[a]
136	SW-846 9310, Beta[a]
137	SW-846 9315, Radium[a]
139	ITAS I-129 Low level
140	ITAS Gamma scan
141	ITAS Sr-90
142	ITAS H-3
143	ITAS Tc-99
144	SW-846 9132[a]
145	ITAS Gross U
146	ITAS Isotopic Pu
147	ITAS Am-241
148	ITAS Isotopic U
168	USEPA HACH COD[d]
357	EPA 600, 310.2
358	SW-846 9012[a]

[a](EPA 1986b).
[b](ASTM 1991).
[c](EPA 1979).
[d](APHA 1989).

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pCi/L	picocuries per liter
ppb	parts per billion
ppm	parts per million
μmho	micromhos per centimeter.

Agencies and suffixes--Agency codes and DWS suffixes identify the regulatory origin of the standard of the DWS. Agency codes are used in the Summary table, and DWS suffixes are used in the Detected and CIP tables. The codes are defined as follows:

Agency	Suffix	Regulatory basis
EPA	None	Maximum contaminant levels in 40 CFR 141, "National Primary Drinking Water Regulations."
EPAS	s	Secondary maximum contaminant levels in 40 CFR 143, "National Secondary Drinking Water Regulations."
EPAI	i	EPA interim primary drinking water standards in 40 CFR 265, Appendix III.

Data qualifiers and flags--Data qualifiers and flags used in the Detected and CIP tables are assigned by the laboratory and by the WHC QC team, respectively. Qualifiers reflect conditions occurring in the laboratory relating to the analytical procedure. Flags serve a wider function of alerting the data user to the limitations of the reported value. Qualifiers and flags can be appended to each other to form a string of letters when several factors apply to a result. The qualifiers and flags used are as follows:

Laboratory qualifiers:

B - Blank associated with analyte is contaminated
D - Analyzed sample is diluted
E - Concentration is out of instrument calibration range
J - Concentration is estimated
L - Concentration is below the CRQL but above the MDL
U - Concentration is below the indicated value.

Data flags:

D - Result associated with a documented laboratory nonconformance
F - Suspect data currently under review
H - Laboratory holding time exceeded
G - Reviewed data that are considered valid
P - Potential problem; see text associated with table
Q - Result associated with suspect QC data
R - Reviewed data that have been rejected
Y - Reviewed data that continues to be suspect
+ - Suspect water level data
* - CRQL is greater than DWS, so exceedance of DWS is undetermined.

More complete descriptions of some of these qualifiers and flags are presented in Section 1.2, Quality Control Program.

Analysis method codes--Analysis method codes are used as an abbreviation for the laboratory method used to perform an analysis. A complete listing of the analysis method codes used in the Summary and Above CRQL tables is shown in Table 1-9.

DWSs--DWSs are used in all of the chemistry tables to provide a standard with which to compare sample results. The DWSs are based on standards found in 40 CFR 265, 40 CFR 141, and 40 CFR 143. Where there is overlap in constituents addressed by these regulations, 40 CFR 265 takes precedence over 40 CFR 141, which, in turn, takes precedence over 40 CFR 143. A complete listing of the DWSs used in the Summary, Above CRQL, and CIP tables is shown in Table 1-10.

1.5 DATA EVALUATION

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Data evaluation is a process through which suspect data are identified and/or investigated. At present, the data evaluation process consists of evaluation of data called out in RADEs, submitted by data users, and the required statistical evaluation of CIP data. The statistical evaluations of CIP data are presented within the chapters for individual sites.

Twenty-five RADEs were submitted during the first quarter of 1994 in time for inclusion in this report. Of the submitted RADEs, 6 are for radionuclides, 11 are for field parameters (pH and specific conductance), 3 are for ICP metals, 3 are for anions, and 1 for lab pH. One RADE, for unfiltered bailed samples that apparently contained a significant quantity of solid material, is not included.

F flags are used to indicate that an RADE has been submitted. After evaluation the F flag may be changed to 'G,' indicating acceptable data; 'Y,' indicating suspect data; or 'R,' indicating unusable data.

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Table 1-10. Drinking Water Standards. (sheet 1 of 2)

Constituent name	Short name	DWS	Units	Agency[a]
1,1,1-Trichloroethane	1,1,1-T	200	ppb	EPA
1,1-Dichloroethene	DICETHY	7	ppb	EPA
1,2-Dibromo-3-chloropropane	DIBRCHL	0.2	ppb	EPA
1,2-Dibromoethane	DIBRETH	0.05	ppb	EPA
1,2-Dichlorobenzene	12-dben	600	ppb	EPA
1,2-Dichloroethane	1,2-DIC	5	ppb	EPA
1,2-Dichloropropane	DICPANE	5	ppb	EPA
1,4-Dichlorobenzene	14-dben	75	ppb	EPA
2,4,5-TP	2,4,5TP	50	ppb	EPA
2,4-D	2,4-D	100	ppb	EPAI
Arsenic	ARSENIC	50	ppb	EPA
Barium	BARIUM	1,000	ppb	EPAI
Benzene	BENZENE	5	ppb	EPA
Cadmium	CADMIUM	10	ppb	EPAI
Carbon tetrachloride	TETRANE	5	ppb	EPA
Cesium-137	CS-137	200	pCi/L	EPA
Chlordane	CHLOANE	2	ppb	EPA
Chloride	CHLORID	250,000	ppb	EPAS
Chlorobenzene	CHLROB	100	ppb	EPA
Chromium	CHROMUM	50	ppb	EPAI
cis-1,2-Dichloroethylene	CIS12DE	70	ppb	EPA
Cobalt-60	CO-60	100	pCi/L	EPA
Coliforms	COLIFORM	1	COL	EPAI
Copper	COPPER	1,000	ppb	EPAS
Endrin	ENDRIN	0.2	ppb	EPA
Ethylbenzene	ETHBENZ	700	ppb	EPA
Fluoride	FLUORID	1,400	ppb	EPAI
gamma-BHC (Lindane)	g-BHC	4	ppb	EPAI
Gross alpha	ALPHA	15	pCi/L	EPA
Heptachlor	HEPTLOR	0.4	ppb	EPA
Heptachlor epoxide	HEPTIDE	0.2	ppb	EPA
Iodine-129	I-129	1	pCi/L	EPA
Iron	IRON	300	ppb	EPAS
Lead	LEAD	50	ppb	EPAI
Manganese	MANGESE	50	ppb	EPAS
Mercury	MERCURY	2	ppb	EPA

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Table 1-10. Drinking Water Standards. (sheet 2 of 2)

Constituent name	Short name	DWS	Units	Agency[a]
Methoxychlor	METHLOR	100	ppb	EPAI
Nitrate	NITRATE	45,000	ppb	EPA
Nitrite	NITRITE	1,000	ppb	EPA
Pentachlorophenol	PENTCHP	1	ppb	EPA
pH	PH	6.5-8.5	pH	EPAS
Radium	RADIUM	5	pCi/L	EPAI
Ruthenium-106	RU-106	30	pCi/L	EPA
Selenium	SELENUM	10	ppb	EPAI
Silver	SILVER	50	ppb	EPAI
Strontium-90	SR-90	8	pCi/L	EPA
Styrene	STYRENE	100	ppb	EPA
Sulfate	SULFATE	250,000	ppb	EPAS
Technetium-99	TC-99	900	pCi/L	EPA
Tetrachloroethene	PERCENE	5	ppb	EPA
Toluene	TOLUENE	1,000	ppb	EPA
Total dissolved solids	TDS	500	ppm	EPAS
Toxaphene	TOXAENE	5	ppb	EPAI
trans-1,2-Dichloroethylene	TRANDCE	100	ppb	EPA
Trichloroethene	TRICENE	5	ppb	EPA
Tritium	TRITIUM	20,000	pCi/L	EPA
Vinyl chloride	VINYIDE	2	ppb	EPA
Xylenes (total)	XYLENE	10,000	ppb	EPA
Zinc	ZINC	5,000	ppb	EPAS

COL = coliform colonies per 100 milliliters.
pCi/L = picocuries per liter.
ppb = parts per billion.
[a]See Section 1.4.5 for agency listing.

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2.0 100-D PONDS

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2.1 INTRODUCTION

The 100-D Ponds system is an interim-status RCRA disposal unit located in the 100-D Area of the Hanford Site (Figure 2-1). Four wells make up the 100-D Ponds sampling network (Table 2-1). The 100-D Ponds are monitored under an indicator evaluation program (40 CFR 265).

The 100-D Ponds unit was constructed in 1977 for disposal of nonradioactive effluents derived from 100-D Area operating facilities. The 100-D Ponds are located in the former 188-D ash disposal basin and consist of a settling pond and a percolation pond, separated by a dike.

Effluent to the 100-D Ponds originated from two sources: a filter plant and engineering testing laboratories. Some past discharges may have included dangerous waste (Hartman 1991). The 183-D Filter Plant still discharges low volumes of nondangerous effluent to the 100-D Ponds (WHC 1990a).

2.2 WATER LEVEL MEASUREMENTS

Water levels are measured monthly in wells in and near the 100-D Area. Water level data are listed in Table 2-2.

2.3 WATER CHEMISTRY DATA

The 100-D Ponds wells were not scheduled for sampling last quarter. Tables 2-3 and 2-4 include previously unreported data. Data flags are discussed in Section 1.4. Appendix A contains previously reported analytical results from 1992. These results were found to have problems or discrepancies after initial reporting.

Indicator parameters in the downgradient wells did not exceed critical mean values in December 1993. Field pH measurements from well D8-4 indicated a DWS exceedance; however, laboratory analysis showed the pH levels to be within the DWS parameters. Well D8-5 previously had not been used for statistical comparisons per agreement with the Washington State Department of Ecology (Ecology); however, this policy has been changed, and well D8-5 is now used for statistical comparisons. None of the historical indicator parameter data for well D8-5 exceed critical mean values.

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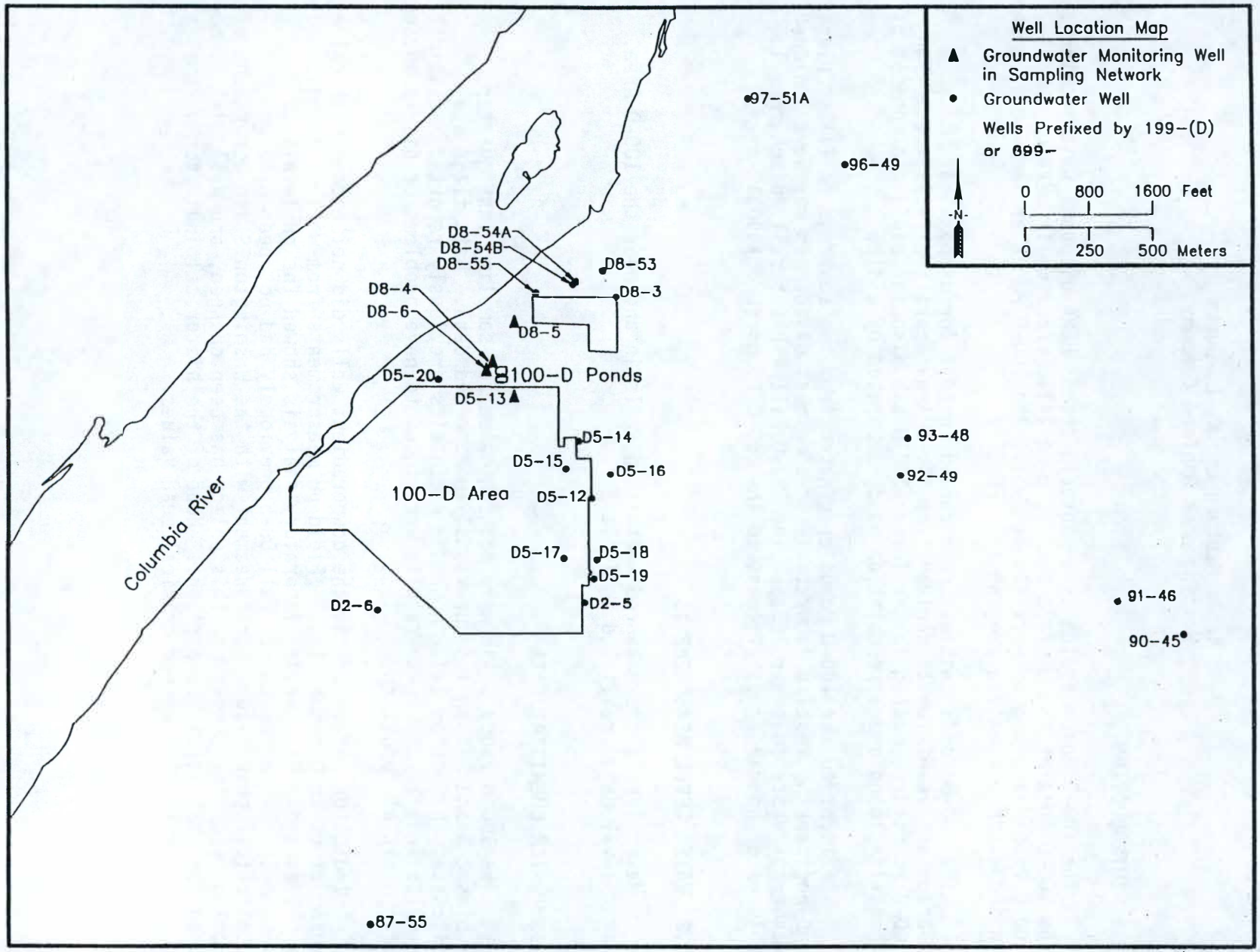

Figure 2-1. Well Location Map for the 100-D Ponds.

Table 2-1. Monitoring Well Purpose and Sampling Schedule in the 100-D Ponds Network.

Well no. (199-)	Relative position	Sample frequency	Sample date, 1st Qtr 1994
D5-13	Upgradient	Semiannually	Not scheduled
D8-4	Downgradient	Semiannually	Not scheduled
D8-5	Downgradient	Semiannually	Not scheduled
D8-6	Downgradient	Semiannually	Not scheduled

Note: The hydrogeologic unit monitored is the uppermost portion of the unconfined aquifer, which comprises unconsolidated sand and gravels of the Ringold Formation.

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Table 2-2. RCRA Water Level Measurement Report for the 100-D Ponds, First Quarter 1994. (sheet 1 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
199-D2-5	1/04/94	75.53	384.77
	2/08/94	75.55	384.75
	3/08/94	75.48	384.82
199-D2-6	1/04/94	85.50	383.78
	2/08/94	85.33	383.95
	3/08/94	85.13	384.15
199-D5-12	1/04/94	85.68	383.95
	2/08/94	85.72	383.91
	3/08/94	85.58	384.05
199-D5-13	1/04/94	87.97	383.52
	2/08/94	87.90	383.59
	3/08/94	87.96	383.53
199-D5-14	1/04/94	88.03	383.66
	2/08/94	88.05	383.64
	3/08/94	87.92	383.77
199-D5-15	1/04/94	87.59	383.94
	2/08/94	87.62	383.91
	3/08/94	87.48	384.05
199-D5-16	1/04/94	89.26	383.63
	2/08/94	89.30	383.59
	3/08/94	89.14	383.75
199-D5-17	1/04/94	85.01	384.48
	2/08/94	85.05	384.44
	3/08/94	84.95	384.54
199-D5-18	1/04/94	82.50	384.18
	2/08/94	82.53	384.15
	3/08/94	82.44	384.24
199-D5-19	1/04/94	80.27	384.53
	2/08/94	80.29	384.51
	3/08/94	80.24	384.56

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Table 2-2. RCRA Water Level Measurement Report for the 100-D Ponds, First Quarter 1994. (sheet 2 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
199-D5-20	1/04/94	86.09	382.01
	2/08/94	84.18	383.92
	3/08/94	85.54	382.56
199-D8-3	1/04/94	68.92	380.07
	2/08/94	66.44	382.55
	3/08/94	68.35	380.64
199-D8-4	1/04/94	85.82	382.91
	2/08/94	85.11	383.62
	3/08/94	85.70	383.03
199-D8-5	1/04/94	71.25	381.24
	2/08/94	69.39	383.10
	3/08/94	70.72	381.77
199-D8-53	1/04/94	54.93	381.10
	2/08/94	53.15	382.88
	3/08/94	55.39	380.64
199-D8-54A	1/04/94	63.03	379.75
	2/08/94	59.83	382.95
	3/08/94	62.19	380.59
199-D8-55	1/04/94	59.60	379.75
	2/08/94	56.32	383.03
	3/08/94	58.70	380.65
199-D8-6	1/04/94	93.67	382.83
	2/08/94	92.86	383.64
	3/08/94	93.54	382.96
699-87-55	1/04/94	73.05	385.58
	2/08/94	73.02	385.61
	3/08/94	72.86	385.77

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Table 2-2. RCRA Water Level Measurement Report for the 100-D Ponds, First Quarter 1994. (sheet 3 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
699-90-45	1/04/94	37.74	383.80
	2/08/94	37.77	383.77
	3/08/94	37.76	383.78
699-92-49	1/04/94	49.06	382.82
	2/08/94	48.99	382.89
	3/08/94	49.05	382.83
699-96-49	1/04/94	38.10	381.13
	2/08/94	38.05	381.18
	3/08/94	37.92	381.31
699-97-51A	1/04/94	21.58	380.69
	2/08/94	21.34	380.93
	3/08/94	21.33	380.94
Well Monitoring the First Confined Aquifer			
199-D8-54B	1/04/94	62.09	380.42
	2/08/94	59.31	383.20
	3/08/94	61.38	381.13

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. To convert from feet to meters multiply by 0.3048.

Table 2-3. Constituent List and Summary of Results for the 100-D Pond Data for Reporting Period January 1 through March 31, 1994.

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	umhos	1			16	16	
CONDUCT	73	Conductivity, lab	umhos				16	16	
TOC		Total Organic Carbon	ppb	320			16	16	
TOX		Total Organic Halogen	ppb	5			16	16	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	16	16	4
PH	125	pH, lab	pH		6.5-8.5	EPAS	16	16	0

For explanation of this table, see Section 1.4 of report.

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Table 2-4. Contamination Indicator Parameters for the 100-D Pond Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD uMho 1/700w	COND LAB uMho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
199-D5-13	12/07/93	B09MT6	266	270	8.22	8.10	600 L	6.5
		B09MT7	267	270	8.18	8.10	600 L	8.8
		B09MT8	267	270	8.18	8.10	600 L	6.4
		B09MT9	266	270	8.18	8.20	600 L	8.0
199-D8-4	12/08/93	B09MV1	133	150	8.66	8.30	600 L	8.0
		B09MV2	132	150	8.68	8.30	600 L	7.7
		B09MV3	131	150	8.68	8.30	500 L	9.5
		B09MV4	131	160	8.68	8.30	600 L	7.7
199-D8-5	12/07/93	B09MV6	205	220	8.25	8.20	500 L	8.6
		B09MV7	206	220	8.25	8.20	500 L	8.2
		B09MV8	206	220	8.25	8.20	500 L	7.0
		B09MV9	207	210	8.25	8.20	500 L	9.0
199-D8-6	12/07/93	B09MW1	159	170	8.45	8.20	700 L	8.1
		B09MW2	159	170	8.45	8.20	700 L	9.0
		B09MW3	159	170	8.46	8.20	700 L	9.4
		B09MW4	159	170	8.45	8.20	700 L	9.7

For explanation of this table, see Section 1.4 of report.

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3.0 183-H SOLAR EVAPORATION BASINS

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3.1 INTRODUCTION

The 183-H Solar Evaporation Basins (Basins) are a RCRA-regulated treatment, storage, and/or disposal (TSD) facility located along the Columbia River in the 100 Areas of the Hanford Site. Originally the Basins were part of the water treatment facility that prepared coolant for the 105-H Reactor. Subsequent to that mission, between 1973 and 1985, the Basins were used for storage and volume reduction (by solar evaporation) of liquid waste from nuclear fuel processing activities conducted in the 300 Area. The predominant waste consisted of nitric acid solutions that had been neutralized with sodium hydroxide before discharge into the Basins. The solutions contained various metals and radioactive constituents. Hazardous waste has been removed from the facility and the basin walls have been partially decontaminated. A soil investigation has been completed. An application for permanent closure is under review by Ecology. Groundwater monitoring is being conducted as an assessment level program under 40 CFR 265 interim status standards.

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When TSD operations began in 1973, only two groundwater wells existed in the 100-H Area, neither of which monitored conditions near the Basins. During the operational life of the Basins, limited groundwater monitoring occurred. In 1974, a single downgradient well was installed (199-H4-3). In 1983, two additional downgradient wells and one upgradient well were installed. Eighteen additional monitoring wells, which were constructed to meet RCRA standards, were installed in 1986 and 1987 after the facility ceased operation. These wells were installed in response to a *Consent Agreement and Compliance Order* entered into by Ecology, EPA, and DOE (Ecology and EPA 1986).

Twenty-three wells are in use during 1994 for obtaining RCRA groundwater samples. One additional well (199-H4-15C) is used exclusively for water level measurements. A location map for the 100-H Area is shown in Figure 3-1. The purpose of each RCRA well, its sampling frequency, and the dates sampled during the quarter, are summarized in Table 3-1. Nitrate, sodium, gross alpha, and gross beta are used to monitor the extent of the plume attributable to the Basins' waste. Gross alpha activity is assumed to be associated with uranium and gross beta with technetium-99, both of which were present in the waste solutions. Wells 199-H4-3, 199-H4-4, 199-H4-9, and 199-H4-12A are assumed to be located within the plume boundaries.

3.2 WATER LEVEL MEASUREMENTS

During this quarter, water levels were measured in the monitoring well network at monthly intervals. Water levels also were recorded at the time of sample collection for water quality analyses. Water level measurements obtained during the first quarter of 1994 are presented in Table 3-2. The water level in well 199-H4-15CQ, a piezometer that monitors the bottom of the uppermost aquifer system, is now at or slightly above the top-of-casing

reference point. Levels in this piezometer began a steady rise during 1992, reflecting a possible connection between this piezometer and 199-H4-15CP, a deeper piezometer that monitors the uppermost confined aquifer in basalt. Piezometer 199-H4-15CQ has been capped and head measurements from it are no longer included in the quarterly data reports.

3.3 WATER CHEMISTRY DATA

First quarter sampling was completed in the majority of the 183-H network wells during January 1994. Three wells were also sampled monthly to provide enhanced monitoring of the plume during cleanup and closure activities. A summary of first quarter 1994 results is presented in Table 3-3. Analytical results for constituents with at least one value above the MDL are presented in Tables 3-4 and 3-5. Blank entries in these tables indicate either the constituent was not included in the analysis list or the results are not yet available. Analytical results for sampling episodes from previous quarters, and re-reported laboratory results, are presented in Appendix A.

For constituents relevant to assessing the 183-H plume, EPA interim drinking water standards (40 CFR 265, Appendix III) are exceeded for chromium, gross alpha, technetium, and nitrate (see Table 3-3). Iron and manganese also exceed these standards; however, these constituents are not representative of basin waste solutions.

The pulse in 183-H indicator constituents and other water quality parameters that is described in the 1993 annual report (DOE-RL 1994a, Section 3.4) appears to continue into the first quarter of 1994, although levels have declined. The 1993 pulse is apparent in nitrate, sodium, sulfate, chromium, gross alpha, and gross beta concentrations in wells 199-H4-3 and 199-H4-4, which intercept the plume. These wells also showed increased turbidity levels during 1993.

The quarterly assessment of the groundwater plume has not been significantly influenced by QC problems associated with laboratory analyses (see Section 1.2 for a description of the QC program and Section 1.4.6 for abbreviations used in the data tables). Some results for aluminum, antimony, calcium, iron, manganese, nickel, and turbidity are flagged with a 'Q' to indicated field blank and/or duplicate analysis results being out of evaluation criteria. Numerous results for barium, calcium, and sodium, and several results for copper, iron, manganese, potassium, and zinc, are flagged with a 'B' to indicated that a laboratory blank associated with the analyte showed contamination. The D flags associated with chloride, nitrate, and sulfate results indicate the sample was diluted before analysis.

The rise in concentrations of 183-H waste indicators that occurred during 1993, in the absence of any known operations at the facility, suggests that some results may not be fully representative of aquifer conditions.

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Figure 3-1. Well Location Map for the 183-H Solar Evaporation Basins Network.

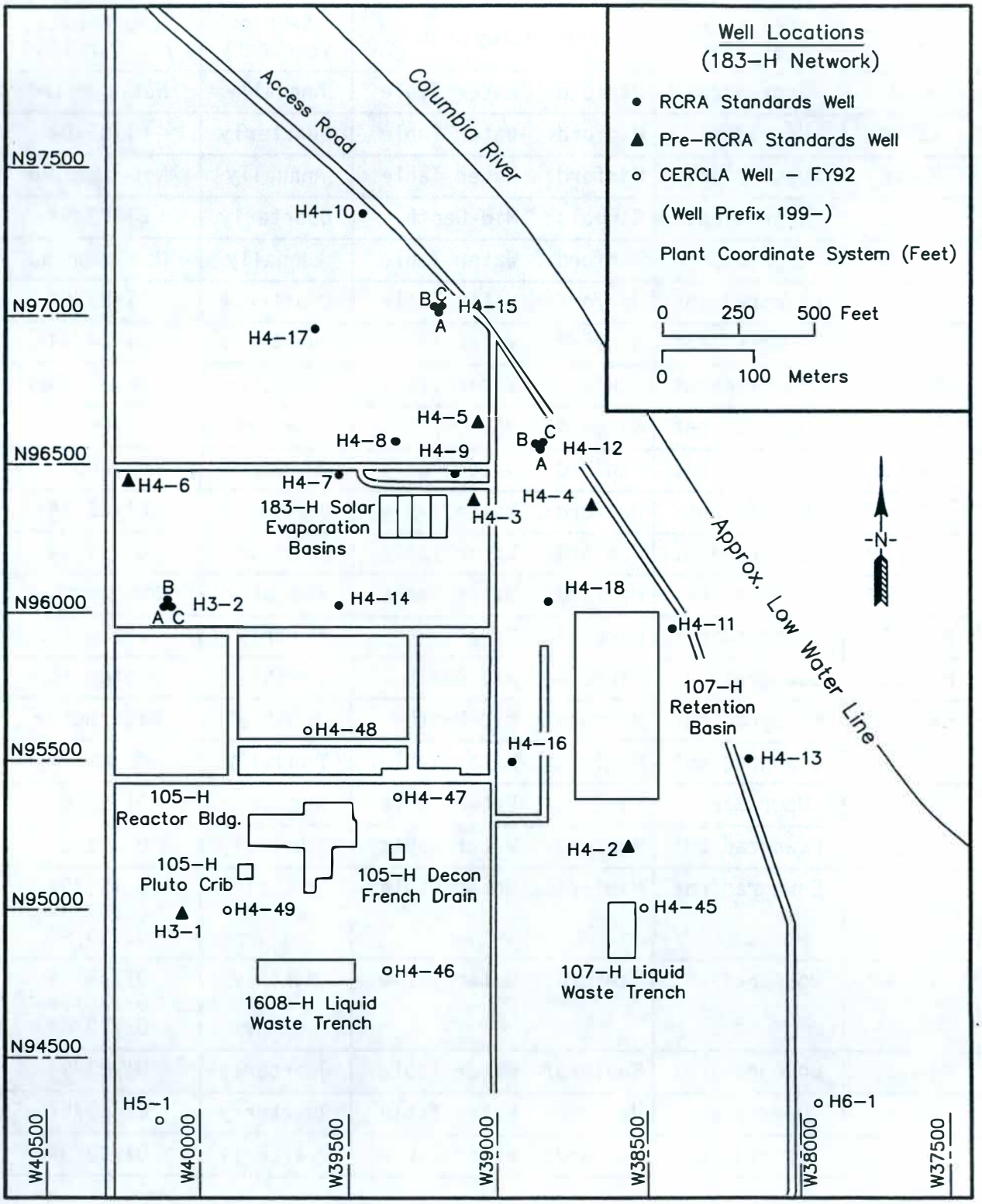

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Table 3-1. Monitoring Well Position and Sampling Schedule for the 183-H Solar Evaporation Basins Network. (sheet 1 of 2)

Well no. (199-)	Relative position	Hydrogeologic unit[a]	Sample frequency	Sample date, 1st Qtr 1994
H3-1	Upgradient	Hanford: Water Table	Annually	Not sampled
H3-2A	Upgradient	Hanford: Water Table	Quarterly	01/03/94
H3-2B	Upgradient	Hanford: Water Table	Annually	Not sampled
H3-2C	Upgradient	Ringold: Mid-Depth	Quarterly	01/03/94
H4-10	Upgradient	Hanford: Water Table	Annually	Not sampled
H4-11	Downgradient	Hanford: Water Table	Quarterly	01/03/94
H4-12A	Downgradient	Hanford: Water Table	Quarterly	01/04/94
H4-12B	Downgradient	Hanford: Water Table	Annually	Not sampled
H4-12C	Downgradient	Ringold: Mid-Depth	Quarterly	01/04/94
H4-13	Downgradient	Hanford: Water Table	Annually	Not sampled
H4-14	Upgradient	Hanford: Water Table	Quarterly	01/03/94
H4-15A	Downgradient	Hanford: Water Table	Quarterly	01/03/94
H4-15B	Downgradient	Hanford: Water Table	Annually	Not sampled
H4-15Cq	Downgradient	Ringold: Deep	Monthly[b]	Piezometer
H4-15Cr	Downgradient	Ringold: Mid-Depth	Monthly[b]	Piezometer
H4-15Cs	Downgradient	Ringold: Mid-Depth	Monthly[b]	Piezometer
H4-16	Downgradient	Hanford: Water Table	Annually	Not sampled
H4-17	Upgradient	Hanford: Water Table	Annually	01/03/94
H4-18	Downgradient	Hanford: Water Table	Quarterly	01/03/94
H4-3	Downgradient	Hanford: Water Table	Monthly	01/03/94 02/01/94 03/09/94
H4-4	Downgradient	Hanford: Water Table	Monthly	01/03/94 02/28/94 03/09/94
H4-5	Downgradient	Hanford: Water Table	Quarterly	01/03/94
H4-6	Upgradient	Hanford: Water Table	Quarterly	01/03/94
H4-7	Upgradient	Hanford: Water Table	Quarterly	01/03/94

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Table 3-1. Monitoring Well Position and Sampling Schedule for the 183-H Solar Evaporation Basins Network. (sheet 2 of 2)

Well no. (199-)	Relative position	Hydrogeologic unit[a]	Sample frequency	Sample date, 1st Qtr 1994
H4-8	Upgradient	Hanford: Water Table	Quarterly	01/03/94
H4-9	Downgradient	Hanford: Water Table	Monthly	01/04/94 02/01/94 03/08/94

[a]Hydrogeologic units include the sandy gravels of the Hanford formation and silty sands of the Ringold Formation. Water levels are measured monthly in all wells.

[b]Water level measurement only.

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Table 3-2. RCRA Water Level Measurement Report for the 183-H Solar Evaporation Basins, First Quarter 1994. (sheet 1 of 4)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer (Hanford Formation)			
199-H3-1	1/04/94	46.13	375.35
	2/08/94	46.10	375.38
	3/08/94	45.98	375.50
199-H3-2A	1/03/94	42.49	375.34*+
	1/04/94	42.89	374.94
	2/08/94	42.68	375.15
	3/08/94	42.66	375.17
199-H3-2B	1/04/94	43.48	374.94
	2/08/94	43.28	375.14
	3/08/94	43.23	375.19
199-H4-10	1/04/94	31.76	372.68
	2/08/94	28.98	375.46
	3/08/94	31.36	373.08
199-H4-11	1/04/94	45.66	371.18
	2/08/94	41.56	375.28
	3/08/94	44.65	372.19
199-H4-12A	1/04/94	41.21	372.29*
	1/04/94	41.16	372.34
	2/08/94	38.09	375.41
	3/08/94	40.66	372.84
199-H4-12B	1/04/94	41.15	372.37
	2/08/94	38.12	375.40
	3/08/94	40.65	372.87
199-H4-13	1/04/94	47.51	370.69
	2/08/94	43.11	375.09
	3/08/94	46.30	371.90
199-H4-14	1/04/94	46.00	374.59
	2/08/94	45.59	375.00
	3/08/94	45.65	374.94

Table 3-2. RCRA Water Level Measurement Report for the 183-H Solar Evaporation Basins, First Quarter 1994. (sheet 2 of 4)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer (Hanford Formation)			
199-H4-15A	1/03/94	34.32	372.89*
	1/04/94	34.58	372.63
	2/08/94	31.74	375.47
	3/08/94	34.19	373.02
199-H4-15B	1/04/94	34.29	372.63
	2/08/94	31.45	375.47
	3/08/94	33.87	373.05
199-H4-16	1/04/94	50.21	374.02
	2/08/94	49.77	374.46
	3/08/94	49.92	374.31
199-H4-17	1/03/94	45.50	373.59*
	1/04/94	45.56	373.53
	2/08/94	44.15	374.94
	3/08/94	45.32	373.77
199-H4-18	1/03/94	48.38	373.44*
	1/04/94	48.46	373.36
	2/08/94	47.13	374.69
	3/08/94	48.12	373.70
199-H4-3	1/03/94	46.05	374.24*
	1/04/94	47.03	373.26
	2/01/94	46.30	373.99*
	2/08/94	45.60	374.69
	3/08/94	46.74	373.55
	3/09/94	44.87	375.42*+
199-H4-4	1/03/94	41.85	371.85*
	1/04/94	41.80	371.90
	2/08/94	38.35	375.35
	2/28/94	40.66	373.04*
	3/08/94	41.09	372.61
	3/09/94	39.70	374.00*+

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Table 3-2. RCRA Water Level Measurement Report for the 183-H Solar Evaporation Basins, First Quarter 1994. (sheet 3 of 4)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer (Hanford Formation)			
199-H4-5	1/03/94	44.00	372.21*
	1/04/94	43.51	372.70
	2/08/94	41.25	374.96
	3/08/94	43.20	373.01
199-H4-6	1/03/94	44.80	374.78*
	1/04/94	45.65	373.93+
	2/08/94	44.43	375.15
	3/08/94	44.39	375.19
199-H4-7	1/04/94	46.52	374.07
	2/08/94	45.82	374.77
	3/08/94	46.19	374.40
199-H4-8	1/03/94	46.31	373.69*
	1/04/94	46.33	373.67
	2/08/94	45.33	374.67
	3/08/94	45.98	374.02
199-H4-9	1/04/94	44.81	373.27*
	1/04/94	44.79	373.29
	2/01/94	44.28	373.80*
	2/08/94	43.30	374.78
	3/08/94	44.51	373.57
Wells Monitoring Upper Levels in the Unconfined Aquifer (Ringold Formation)			
199-H3-2C	1/03/94	43.50	374.72*
	1/04/94	43.46	374.76
	2/08/94	43.03	375.19
	3/08/94	43.21	375.01
199-H4-12C	1/04/94	41.44	372.08
	2/08/94	38.18	375.34
	3/08/94	40.93	372.59

Table 3-2. RCRA Water Level Measurement Report for the 183-H Solar Evaporation Basins, First Quarter 1994. (sheet 4 of 4)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Well Monitoring Mid-Level in the Unconfined Aquifer (Ringold Formation)			
199-H4-15CR	1/04/94	33.92	373.45
	3/08/94	33.58	373.79
199-H4-15CS	1/04/94	35.04	372.40
	3/08/94	34.58	372.86

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. Elevations marked with a '+' are outside of the expected range, and are suspected of error.
5. To convert from feet to meters multiply by 0.3048.

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Table 3-3. Constituent List and Summary of Results for 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	umhos	1			20	20	
CONDUCT	73	Conductivity, lab	umhos				16	16	
TOC		Total Organic Carbon	ppb	320			16	14	
TOX		Total Organic Halogen	ppb	5			13	9	
PH		pH, field	pH	.01	6.5-8.5	EPAS	20	20	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
BARIUM		Barium	ppb	1.3	1000	EPAI	23	23	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	23	23	0
CADMIUM		Cadmium	ppb	3	10	EPAI	23	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	23	1	0
CHROMUM		Chromium	ppb	11	50	EPAI	23	23	23
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	23	23	21
FLUORID		Fluoride	ppb	51	1400	EPAI	23	23	0
ALPHA		Gross alpha	pCi/L		15	EPA	23	23	6
NITRATE		Nitrate	ppb	96	45000	EPA	23	23	11

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	23	23	0
IRON		Iron	ppb	18	300	EPAS	23	23	8
FIRON		Iron, filtered	ppb	18	300	EPAS	23	18	0
MANGESE		Manganese	ppb	1	50	EPAS	23	23	1
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	23	12	0
SODIUM		Sodium	ppb	150			23	23	
FSODIUM		Sodium, filtered	ppb	150			23	23	
SULFATE		Sulfate	ppb	89	250000	EPAS	23	23	0

Table 3-3. Constituent List and Summary of Results for 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
ALUMNUM		Aluminum	ppb	19			23	9	
FALUMIN		Aluminum, filtered	ppb	19			23	1	
ANTIONY		Antimony	ppb	26			23	4	
FANTIMO		Antimony, filtered	ppb	26			23	3	
BERYLUM		Beryllium	ppb	1.5			23	0	
FBERYLL		Beryllium, filtered	ppb	1.5			23	0	
BROMIDE		Bromide	ppb	110			23	0	
CALCIUM		Calcium	ppb	47			23	23	
FCALCIU		Calcium, filtered	ppb	47			23	23	
COBALT		Cobalt	ppb	6.5			23	0	
FCOBALT		Cobalt, filtered	ppb	6.5			23	0	
COPPER		Copper	ppb	2.6	1000	EPAS	23	16	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	23	4	0
BETA		Gross beta	pCi/L				23	23	
MAGNES		Magnesium	ppb	25			23	23	
FMAGNES		Magnesium, filtered	ppb	25			23	23	
NICKEL		Nickel	ppb	16			23	11	
FNICKEL		Nickel, filtered	ppb	16			23	2	
NITRITE		Nitrite	ppb	110	1000	EPA	23	0	0
PHOSPHA		Phosphate	ppb	470			23	0	
POTASUM		Potassium	ppb	890			23	23	
FPOTASS		Potassium, filtered	ppb	890			23	23	
SILVER		Silver	ppb	3.4	50	EPAI	23	0	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	23	0	0
TC-99		Technetium-99	pCi/L		900	EPA	16	8	1
TIN		Tin	ppb	24			23	1	
FTIN		Tin, filtered	ppb	24			23	0	
TURBID		Turbidity	NTU	.016			23	23	
URANIUM		Uranium	ppb				16	16	
VANADUM		Vanadium	ppb	6.4			23	7	
FVANADI		Vanadium, filtered	ppb	6.4			23	6	
ZINC		Zinc	ppb	4.4	5000	EPAS	23	7	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	23	5	0

For explanation of this table, see Section 1.4 of report.

9413280.1650

Table 3-4. Constituents with at Least One Detected Value for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 11)

Well Name	Collection Date	Sample Number	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	ANTIONY 34/ppb 26/.	FANTIMO 34/ppb 26/.
199-H3-2A	1/03/94	B09PL3	40.00 U		40.00 U	
199-H3-2A	1/03/94	B09PL4		40.00 U		40.00 U
199-H3-2C	1/03/94	B09PL5	40.00 U		40.00 U	
199-H3-2C	1/03/94	B09PL6		40.00 U		40.00 U
199-H4-11	1/03/94	B09PL7	40.00 U		40.00 U	
199-H4-11	1/03/94	B09PL8		40.00 U		40.00 U
199-H4-12A	1/04/94	B09PL9	40.00 U		40.00 U	
199-H4-12A	1/04/94	B09PM0		40.00 U		40.00 U
199-H4-12C	1/04/94	B09PM1	40.00 U		40.00 U	
199-H4-12C	1/04/94	B09PM2		40.00 U		40.00 U
199-H4-14	1/03/94	B09PM3	40.00 U		40.00 U	
199-H4-14	1/03/94	B09PM4		40.00 U		40.00 U
199-H4-15A	1/03/94	B09PM5	40.00 U		40.00 U	
199-H4-15A	1/03/94	B09PM6		40.00 U		40.00 U
199-H4-17	1/03/94	B09PM7	120.00 L		40.00 U	
199-H4-17	1/03/94	B09PM8		40.00 U		40.00 U
199-H4-18	1/03/94	B09PM9	120.00 L		40.00 U	
199-H4-18	1/03/94	B09PN0		40.00 U		40.00 U
199-H4-3	1/03/94	B09PN1	40.00 U		40.00 U	
199-H4-3	1/03/94	B09PN2		40.00 U		40.00 U
199-H4-3	2/01/94	B09ZB4	32.50 U		69.40 U	
199-H4-3	2/01/94	B09ZB5		32.50 U		69.40 U
199-H4-3	3/09/94	B0BHL3	23.00 L		69.40 U	
199-H4-3	3/09/94	B0BHL4		28.00 L		27.00 L
199-H4-4	1/03/94	B09PN3	40.00 U		40.00 U	
199-H4-4	1/03/94	B09PN4		40.00 U		40.00 U
199-H4-4	2/28/94	B09ZB6	32.50 U		32.00 L	
199-H4-4	2/28/94	B09ZB7		32.50 U		69.40 U
199-H4-4	3/09/94	B0BHL5	32.50 U		45.00 L	
199-H4-4	3/09/94	B0BHL6		32.50 U		69.40 U
199-H4-5	1/03/94	B09PN5	32.50 U		69.40 U	
199-H4-5	1/03/94	B09PN6		32.50 U		69.40 U
199-H4-6	1/03/94	B09PN7	32.50 U		69.40 U	
199-H4-6	1/03/94	B09PN8		32.50 U		69.40 U
199-H4-7	1/03/94	B09PN9	53.00 L		69.40 U	
199-H4-7	1/03/94	B09PP0		32.50 U		69.40 U
199-H4-8	1/03/94	B09PP1	1400.00		40.00 U	
199-H4-8	1/03/94	B09PP2		40.00 U		40.00 U
199-H4-9	1/04/94	B09PP3	73.00 L		40.00 U	
199-H4-9	1/04/94	B09PP4		40.00 U		40.00 U
199-H4-9	2/01/94	B09ZB8	82.00 L		69.40 U	
199-H4-9	2/01/94	B09ZB9		32.50 U		69.40 U
199-H4-9	3/08/94	B0BHL7	56.00 LQ		39.00 LQ	
199-H4-9	3/08/94	B0BHL8	39.00 LQ		57.00 LQ	
199-H4-9	3/08/94	B0BHL9		32.50 U		26.00 LQ
199-H4-9	3/08/94	B0BHM0		32.50 U		47.00 LQ

Table 3-4. Constituents with at Least One Detected Value for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 11)

Well Name	Collection Date	Sample Number	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	CADMIUM 34/ppb 3/10i	FCADMIU 34/ppb 3/10i
199-H3-2A	1/03/94	B09PL3	20.00 B		2.00 U	
199-H3-2A	1/03/94	B09PL4		20.00 B		2.00 U
199-H3-2C	1/03/94	B09PL5	15.00 BL		2.00 U	
199-H3-2C	1/03/94	B09PL6		15.00 BL		2.00 U
199-H4-11	1/03/94	B09PL7	35.00 B		2.00 U	
199-H4-11	1/03/94	B09PL8		34.00 B		2.00 U
199-H4-12A	1/04/94	B09PL9	52.00 B		2.00 U	
199-H4-12A	1/04/94	B09PM0		49.00 B		2.00 U
199-H4-12C	1/04/94	B09PM1	12.00 BL		2.00 U	
199-H4-12C	1/04/94	B09PM2		11.00 BL		2.00 U
199-H4-14	1/03/94	B09PM3	21.00 B		2.00 U	
199-H4-14	1/03/94	B09PM4		20.00 B		2.00 U
199-H4-15A	1/03/94	B09PM5	87.00 B		2.00 U	
199-H4-15A	1/03/94	B09PM6		89.00 B		2.00 U
199-H4-17	1/03/94	B09PM7	61.00 B		2.00 U	
199-H4-17	1/03/94	B09PM8		59.00 B		2.00 U
199-H4-18	1/03/94	B09PM9	30.00 B		2.00 U	
199-H4-18	1/03/94	B09PN0		29.00 B		2.00 U
199-H4-3	1/03/94	B09PN1	61.00 B		2.00 U	
199-H4-3	1/03/94	B09PN2		61.00 B		2.00 U
199-H4-3	2/01/94	B09ZB4	75.00 B		4.70 U	
199-H4-3	2/01/94	B09ZB5		76.00 B		4.70 U
199-H4-3	3/09/94	B0BHL3	79.00		4.70 U	
199-H4-3	3/09/94	B0BHL4		77.00		4.70 U
199-H4-4	1/03/94	B09PN3	54.00 B		2.00 U	
199-H4-4	1/03/94	B09PN4		54.00 B		2.00 U
199-H4-4	2/28/94	B09ZB6	43.00		4.70 U	
199-H4-4	2/28/94	B09ZB7		42.00		4.70 U
199-H4-4	3/09/94	B0BHL5	59.00		4.70 U	
199-H4-4	3/09/94	B0BHL6		58.00		4.70 U
199-H4-5	1/03/94	B09PN5	62.00 B		4.70 U	
199-H4-5	1/03/94	B09PN6		61.00 B		4.70 U
199-H4-6	1/03/94	B09PN7	35.00 B		4.70 U	
199-H4-6	1/03/94	B09PN8		35.00 B		4.70 U
199-H4-7	1/03/94	B09PN9	40.00 B		4.70 U	
199-H4-7	1/03/94	B09PP0		40.00 B		4.70 U
199-H4-8	1/03/94	B09PP1	56.00 B		2.00 U	
199-H4-8	1/03/94	B09PP2		42.00 B		2.00 U
199-H4-9	1/04/94	B09PP3	57.00 B		2.00 U	
199-H4-9	1/04/94	B09PP4		57.00 B		3.90 L
199-H4-9	2/01/94	B09ZB8	56.00 B		4.70 U	
199-H4-9	2/01/94	B09ZB9		58.00 B		4.70 U
199-H4-9	3/08/94	B0BHL7	58.00		4.70 U	
199-H4-9	3/08/94	B0BHL8	56.00		4.70 U	
199-H4-9	3/08/94	B0BHL9		56.00		4.70 U
199-H4-9	3/08/94	B0BHM0		56.00		4.70 U

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Table 3-4. Constituents with at Least One Detected Value for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 11)

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	CHLORID 124/ppb 71/250000s	CHROMUM 34/ppb 11/50i
199-H3-2A	1/03/94	B09PL3	35000.00 BQ		5500.00	98.00
199-H3-2A	1/03/94	B09PL4		35000.00 BQ		
199-H3-2C	1/03/94	B09PL5	24000.00 BQ		2000.00	71.00
199-H3-2C	1/03/94	B09PL6		24000.00 BQ		
199-H4-11	1/03/94	B09PL7	55000.00 BQ		5800.00	77.00
199-H4-11	1/03/94	B09PL8		56000.00 BQ		
199-H4-12A	1/04/94	B09PL9	53000.00 BQ		7100.00	54.00
199-H4-12A	1/04/94	B09PM0		53000.00 BQ		
199-H4-12C	1/04/94	B09PM1	29000.00 BQ		2400.00	390.00
199-H4-12C	1/04/94	B09PM2		30000.00 BQ		
199-H4-14	1/03/94	B09PM3	41000.00 BQ		5600.00	160.00
199-H4-14	1/03/94	B09PM4		41000.00 BQ		
199-H4-15A	1/03/94	B09PM5	52000.00 BQ		6400.00	120.00
199-H4-15A	1/03/94	B09PM6		53000.00 BQ		
199-H4-17	1/03/94	B09PM7	70000.00 BQ		9800.00 D	110.00
199-H4-17	1/03/94	B09PM8		68000.00 BQ		
199-H4-18	1/03/94	B09PM9	48000.00 BQ		6400.00	200.00
199-H4-18	1/03/94	B09PN0		47000.00 BQ		
199-H4-3	1/03/94	B09PN1	63000.00 BQ		9900.00	130.00
199-H4-3	1/03/94	B09PN2		62000.00 BQ		
199-H4-3	2/01/94	B09ZB4	77000.00 B		9700.00	140.00
199-H4-3	2/01/94	B09ZB5		77000.00 B		
199-H4-3	3/09/94	B0BHL3	79000.00		8700.00 D	170.00
199-H4-3	3/09/94	B0BHL4		78000.00		
199-H4-4	1/03/94	B09PN3	44000.00 BQ		7400.00	130.00
199-H4-4	1/03/94	B09PN4		45000.00 BQ		
199-H4-4	2/28/94	B09ZB6	35000.00		6500.00	140.00
199-H4-4	2/28/94	B09ZB7		35000.00		
199-H4-4	3/09/94	B0BHL5	46000.00		7400.00	130.00
199-H4-4	3/09/94	B0BHL6		46000.00		
199-H4-5	1/03/94	B09PN5	67000.00 BQ		9500.00	120.00
199-H4-5	1/03/94	B09PN6		67000.00 BQ		
199-H4-6	1/03/94	B09PN7	47000.00 BQ		10000.00 D	110.00
199-H4-6	1/03/94	B09PN8		48000.00 BQ		
199-H4-7	1/03/94	B09PN9	56000.00 BQ		9600.00	130.00
199-H4-7	1/03/94	B09PP0		57000.00 BQ		
199-H4-8	1/03/94	B09PP1	62000.00 BQ		9700.00 D	290.00
199-H4-8	1/03/94	B09PP2		61000.00 BQ		
199-H4-9	1/04/94	B09PP3	76000.00 BQ		9800.00 D	100.00
199-H4-9	1/04/94	B09PP4		74000.00 BQ		
199-H4-9	2/01/94	B09ZB8	68000.00 B		9200.00	120.00
199-H4-9	2/01/94	B09ZB9		71000.00 B		
199-H4-9	3/08/94	B0BHL7	71000.00		9000.00	130.00
199-H4-9	3/08/94	B0BHL8	69000.00		9000.00	110.00
199-H4-9	3/08/94	B0BHL9		70000.00		
199-H4-9	3/08/94	B0BHM0		69000.00		

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Table 3-4. Constituents with at Least One Detected Value for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 11)

Well Name	Collection Date	Sample Number	FCHROMI 34/ppb 11/50i	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i
199-H3-2A	1/03/94	B09PL3		6.00 L		400.00
199-H3-2A	1/03/94	B09PL4	21.00		6.00 U	
199-H3-2C	1/03/94	B09PL5		6.00 L		600.00
199-H3-2C	1/03/94	B09PL6	11.00 L		6.00 U	
199-H4-11	1/03/94	B09PL7		6.00 U		200.00
199-H4-11	1/03/94	B09PL8	67.00		6.00 U	
199-H4-12A	1/04/94	B09PL9		6.00 U		200.00
199-H4-12A	1/04/94	B09PM0	52.00		6.00 U	
199-H4-12C	1/04/94	B09PM1		6.00 U		200.00
199-H4-12C	1/04/94	B09PM2	280.00		6.00 U	
199-H4-14	1/03/94	B09PM3		6.90 L		300.00
199-H4-14	1/03/94	B09PM4	110.00		4.10 L	
199-H4-15A	1/03/94	B09PM5		5.00 L		300.00
199-H4-15A	1/03/94	B09PM6	120.00		6.00 U	
199-H4-17	1/03/94	B09PM7		5.50 L		300.00
199-H4-17	1/03/94	B09PM8	90.00		6.00 U	
199-H4-18	1/03/94	B09PM9		5.50 L		300.00
199-H4-18	1/03/94	B09PN0	74.00		6.00 U	
199-H4-3	1/03/94	B09PN1		13.00 L		1200.00
199-H4-3	1/03/94	B09PN2	100.00		9.70 L	
199-H4-3	2/01/94	B09ZB4		19.00 L		1200.00
199-H4-3	2/01/94	B09ZB5	120.00		18.00 L	
199-H4-3	3/09/94	B0BHL3		13.00 L		1100.00
199-H4-3	3/09/94	B0BHL4	130.00		9.50 L	
199-H4-4	1/03/94	B09PN3		4.60 L		900.00
199-H4-4	1/03/94	B09PN4	93.00		6.00 U	
199-H4-4	2/28/94	B09ZB6		4.50 BL		700.00
199-H4-4	2/28/94	B09ZB7	100.00		2.65 U	
199-H4-4	3/09/94	B0BHL5		2.65 U		900.00
199-H4-4	3/09/94	B0BHL6	110.00		2.65 U	
199-H4-5	1/03/94	B09PN5		4.10 L		200.00
199-H4-5	1/03/94	B09PN6	91.00		2.65 U	
199-H4-6	1/03/94	B09PN7		4.60 L		400.00
199-H4-6	1/03/94	B09PN8	72.00		2.65 U	
199-H4-7	1/03/94	B09PN9		4.10 L		300.00
199-H4-7	1/03/94	B09PP0	92.00		2.65 U	
199-H4-8	1/03/94	B09PP1		6.80 L		300.00
199-H4-8	1/03/94	B09PP2	90.00		6.00 U	
199-H4-9	1/04/94	B09PP3		6.00 U		200.00
199-H4-9	1/04/94	B09PP4	81.00		6.00 U	
199-H4-9	2/01/94	B09ZB8		2.65 U		500.00
199-H4-9	2/01/94	B09ZB9	89.00		2.65 U	
199-H4-9	3/08/94	B0BHL7		2.65 UQ		500.00
199-H4-9	3/08/94	B0BHL8		4.50 LQ		500.00
199-H4-9	3/08/94	B0BHL9	91.00		2.65 U	
199-H4-9	3/08/94	B0BHM0	84.00		2.65 U	

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Table 3-4. Constituents with at Least One Detected Value for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 5 of 11)

Well Name	Collection Date	Sample Number	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s
199-H3-2A	1/03/94	B09PL3	1.33	6.29	350.00	
199-H3-2A	1/03/94	B09PL4				21.00
199-H3-2C	1/03/94	B09PL5	1.25	4.50	290.00	
199-H3-2C	1/03/94	B09PL6				26.00
199-H4-11	1/03/94	B09PL7	3.00	41.30	120.00	
199-H4-11	1/03/94	B09PL8				21.00
199-H4-12A	1/04/94	B09PL9	4.55	28.30	120.00 B	
199-H4-12A	1/04/94	B09PM0				10.00 U
199-H4-12C	1/04/94	B09PM1	1.50	4.03	480.00 B	
199-H4-12C	1/04/94	B09PM2				10.00 U
199-H4-14	1/03/94	B09PM3	3.14	3.98	250.00	
199-H4-14	1/03/94	B09PM4				25.00
199-H4-15A	1/03/94	B09PM5	1.76	7.11	70.00	
199-H4-15A	1/03/94	B09PM6				25.00
199-H4-17	1/03/94	B09PM7	2.84	7.98	260.00	
199-H4-17	1/03/94	B09PM8				27.00
199-H4-18	1/03/94	B09PM9	2.68	9.70	610.00	
199-H4-18	1/03/94	B09PN0				36.00
199-H4-3	1/03/94	B09PN1	116.00	349.00	97.00	
199-H4-3	1/03/94	B09PN2				33.00
199-H4-3	2/01/94	B09ZB4	140.00	320.00	410.00 Q	
199-H4-3	2/01/94	B09ZB5				61.00 Q
199-H4-3	3/09/94	B0BHL3	142.00	242.00	400.00	
199-H4-3	3/09/94	B0BHL4				42.00
199-H4-4	1/03/94	B09PN3	37.60	202.00	270.00	
199-H4-4	1/03/94	B09PN4				30.00
199-H4-4	2/28/94	B09ZB6	32.30	146.00	600.00	
199-H4-4	2/28/94	B09ZB7				37.00
199-H4-4	3/09/94	B0BHL5	50.20	216.00	190.00	
199-H4-4	3/09/94	B0BHL6				22.00
199-H4-5	1/03/94	B09PN5	4.12	5.66	180.00	
199-H4-5	1/03/94	B09PN6				27.00
199-H4-6	1/03/94	B09PN7	2.92	8.15	360.00	
199-H4-6	1/03/94	B09PN8				24.00
199-H4-7	1/03/94	B09PN9	2.61	8.26	200.00	
199-H4-7	1/03/94	B09PP0				12.00 L
199-H4-8	1/03/94	B09PP1	3.25	6.05	2700.00	
199-H4-8	1/03/94	B09PP2				19.00 L
199-H4-9	1/04/94	B09PP3	4.58	26.40	210.00 B	
199-H4-9	1/04/94	B09PP4				17.00 BL
199-H4-9	2/01/94	B09ZB8	7.26	29.10	260.00 Q	
199-H4-9	2/01/94	B09ZB9				51.00 Q
199-H4-9	3/08/94	B0BHL7	5.71	25.30	220.00 Q	
199-H4-9	3/08/94	B0BHL8	6.04	30.20	100.00 Q	
199-H4-9	3/08/94	B0BHL9				28.00 Q
199-H4-9	3/08/94	B0BHM0				10.30 UQ

Table 3-4. Constituents with at Least One Detected Value for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 6 of 11)

Well Name	Collection Date	Sample Number	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s
199-H3-2A	1/03/94	B09PL3	7600.00		9.40 L	
199-H3-2A	1/03/94	B09PL4		7600.00		3.00 U
199-H3-2C	1/03/94	B09PL5	8100.00		6.40 L	
199-H3-2C	1/03/94	B09PL6		8000.00		3.00 U
199-H4-11	1/03/94	B09PL7	7700.00		3.00 L	
199-H4-11	1/03/94	B09PL8		7700.00		3.00 U
199-H4-12A	1/04/94	B09PL9	8100.00		2.10 L	
199-H4-12A	1/04/94	B09PM0		8100.00		3.00 U
199-H4-12C	1/04/94	B09PM1	10000.00		11.00	
199-H4-12C	1/04/94	B09PM2		10000.00		3.00 U
199-H4-14	1/03/94	B09PM3	7500.00		5.60 L	
199-H4-14	1/03/94	B09PM4		7500.00		3.00 U
199-H4-15A	1/03/94	B09PM5	10000.00		3.90 L	
199-H4-15A	1/03/94	B09PM6		10000.00		3.00 U
199-H4-17	1/03/94	B09PM7	13000.00		9.00 L	
199-H4-17	1/03/94	B09PM8		13000.00		4.30 L
199-H4-18	1/03/94	B09PM9	8200.00		13.00	
199-H4-18	1/03/94	B09PN0		8000.00		3.00 L
199-H4-3	1/03/94	B09PN1	11000.00		7.30 L	
199-H4-3	1/03/94	B09PN2		11000.00		3.80 L
199-H4-3	2/01/94	B09ZB4	14000.00		8.30 L	
199-H4-3	2/01/94	B09ZB5		14000.00		2.40 L
199-H4-3	3/09/94	B0BHL3	14000.00		9.50 LB	
199-H4-3	3/09/94	B0BHL4		14000.00		8.50 LB
199-H4-4	1/03/94	B09PN3	6700.00		4.70 L	
199-H4-4	1/03/94	B09PN4		6800.00		3.40 L
199-H4-4	2/28/94	B09ZB6	5600.00		9.60 L	
199-H4-4	2/28/94	B09ZB7		5600.00		2.60 L
199-H4-4	3/09/94	B0BHL5	7300.00		7.60 LB	
199-H4-4	3/09/94	B0BHL6		7300.00		3.80 LB
199-H4-5	1/03/94	B09PN5	11000.00		2.20 L	
199-H4-5	1/03/94	B09PN6		11000.00		2.60 L
199-H4-6	1/03/94	B09PN7	12000.00		38.00	
199-H4-6	1/03/94	B09PN8		12000.00		31.00
199-H4-7	1/03/94	B09PN9	11000.00		5.10 L	
199-H4-7	1/03/94	B09PP0		11000.00		1.35 U
199-H4-8	1/03/94	B09PP1	11000.00		52.00	
199-H4-8	1/03/94	B09PP2		11000.00		2.60 L
199-H4-9	1/04/94	B09PP3	13000.00		3.90 L	
199-H4-9	1/04/94	B09PP4		13000.00		3.00 U
199-H4-9	2/01/94	B09ZB8	12000.00		5.30 L	
199-H4-9	2/01/94	B09ZB9		13000.00		1.35 U
199-H4-9	3/08/94	B0BHL7	13000.00		8.50 LBQ	
199-H4-9	3/08/94	B0BHL8	13000.00		6.60 LBQ	
199-H4-9	3/08/94	B0BHL9		13000.00		6.60 LBQ
199-H4-9	3/08/94	B0BHM0		13000.00		1.35 UQ

Table 3-4. Constituents with at Least One Detected Value for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 7 of 11)

Well Name	Collection Date	Sample Number	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.
199-H3-2A	1/03/94	B09PL3	41.00		8800.00 D	4500.00
199-H3-2A	1/03/94	B09PL4		20.00 U		
199-H3-2C	1/03/94	B09PL5	36.00		2900.00	4300.00
199-H3-2C	1/03/94	B09PL6		20.00 U		
199-H4-11	1/03/94	B09PL7	20.00 U		27000.00 D	3000.00
199-H4-11	1/03/94	B09PL8		20.00 U		
199-H4-12A	1/04/94	B09PL9	20.00 U		51000.00 D	4900.00
199-H4-12A	1/04/94	B09PM0		20.00 U		
199-H4-12C	1/04/94	B09PM1	63.00		6300.00	4300.00
199-H4-12C	1/04/94	B09PM2		20.00 U		
199-H4-14	1/03/94	B09PM3	20.00 U		11000.00 D	4100.00
199-H4-14	1/03/94	B09PM4		20.00 U		
199-H4-15A	1/03/94	B09PM5	20.00 U		22000.00 D	5300.00
199-H4-15A	1/03/94	B09PM6		20.00 U		
199-H4-17	1/03/94	B09PM7	20.00 U		34000.00 D	6200.00
199-H4-17	1/03/94	B09PM8		20.00 U		
199-H4-18	1/03/94	B09PM9	59.00		23000.00 D	3900.00
199-H4-18	1/03/94	B09PN0		20.00 U		
199-H4-3	1/03/94	B09PN1	20.00 U		410000.00 D	7200.00
199-H4-3	1/03/94	B09PN2		20.00 U		
199-H4-3	2/01/94	B09ZB4	33.00		460000.00 D	8200.00 B
199-H4-3	2/01/94	B09ZB5		34.00		
199-H4-3	3/09/94	B0BHL3	33.00		470000.00 D	7900.00
199-H4-3	3/09/94	B0BHL4		22.00 L		
199-H4-4	1/03/94	B09PN3	30.00		200000.00 D	5100.00
199-H4-4	1/03/94	B09PN4		20.00 U		
199-H4-4	2/28/94	B09ZB6	26.00 L		140000.00 D	5200.00
199-H4-4	2/28/94	B09ZB7		17.90 U		
199-H4-4	3/09/94	B0BHL5	21.00 L		220000.00 D	5400.00
199-H4-4	3/09/94	B0BHL6		17.90 U		
199-H4-5	1/03/94	B09PN5	17.90 U		33000.00 D	5200.00
199-H4-5	1/03/94	B09PN6		17.90 U		
199-H4-6	1/03/94	B09PN7	17.90 U		26000.00 D	6900.00
199-H4-6	1/03/94	B09PN8		17.90 U		
199-H4-7	1/03/94	B09PN9	17.90 U		28000.00 D	5400.00
199-H4-7	1/03/94	B09PP0		17.90 U		
199-H4-8	1/03/94	B09PP1	95.00		30000.00 D	5500.00
199-H4-8	1/03/94	B09PP2		20.00 U		
199-H4-9	1/04/94	B09PP3	20.00 U		55000.00 D	5200.00
199-H4-9	1/04/94	B09PP4		20.00 U		
199-H4-9	2/01/94	B09ZB8	17.90 U		48000.00 D	5100.00 B
199-H4-9	2/01/94	B09ZB9		17.90 U		
199-H4-9	3/08/94	B0BHL7	24.00 LQ		47000.00 D	5200.00
199-H4-9	3/08/94	B0BHL8	17.90 UQ		47000.00 D	4900.00
199-H4-9	3/08/94	B0BHL9		17.90 U		
199-H4-9	3/08/94	B0BHM0		17.90 U		

Table 3-4. Constituents with at Least One Detected Value for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 8 of 11)

Well Name	Collection Date	Sample Number	FPOTASS 34/ppb 890/.	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.	SULFATE 124/ppb 89/250000s
199-H3-2A	1/03/94	B09PL3		13000.00 B		29000.00 D
199-H3-2A	1/03/94	B09PL4	4300.00		13000.00 B	
199-H3-2C	1/03/94	B09PL5		10000.00 B		14000.00 D
199-H3-2C	1/03/94	B09PL6	4300.00		10000.00 B	
199-H4-11	1/03/94	B09PL7		8400.00 B		39000.00 D
199-H4-11	1/03/94	B09PL8	2800.00		8300.00 B	
199-H4-12A	1/04/94	B09PL9		18000.00 B		42000.00 D
199-H4-12A	1/04/94	B09PM0	4600.00		18000.00 B	
199-H4-12C	1/04/94	B09PM1		4000.00 B		26000.00 D
199-H4-12C	1/04/94	B09PM2	4600.00		4000.00 B	
199-H4-14	1/03/94	B09PM3		8200.00 B		32000.00 D
199-H4-14	1/03/94	B09PM4	4300.00		8100.00 B	
199-H4-15A	1/03/94	B09PM5		11000.00 B		47000.00 D
199-H4-15A	1/03/94	B09PM6	5400.00		11000.00 B	
199-H4-17	1/03/94	B09PM7		17000.00 B		73000.00 D
199-H4-17	1/03/94	B09PM8	6500.00		17000.00 B	
199-H4-18	1/03/94	B09PM9		11000.00 B		42000.00 D
199-H4-18	1/03/94	B09PN0	3900.00		11000.00 B	
199-H4-3	1/03/94	B09PN1		160000.00 B		80000.00 D
199-H4-3	1/03/94	B09PN2	7300.00		160000.00 B	
199-H4-3	2/01/94	B09ZB4		160000.00 B		88000.00 D
199-H4-3	2/01/94	B09ZB5	8200.00 B		160000.00 B	
199-H4-3	3/09/94	B0BHL3		170000.00		80000.00 D
199-H4-3	3/09/94	B0BHL4	8300.00		170000.00	
199-H4-4	1/03/94	B09PN3		100000.00 B		65000.00 D
199-H4-4	1/03/94	B09PN4	5400.00		110000.00 B	
199-H4-4	2/28/94	B09ZB6		90000.00		48000.00 D
199-H4-4	2/28/94	B09ZB7	5300.00		89000.00	
199-H4-4	3/09/94	B0BHL5		110000.00		56000.00 D
199-H4-4	3/09/94	B0BHL6	5800.00		110000.00	
199-H4-5	1/03/94	B09PN5		13000.00 B		64000.00 D
199-H4-5	1/03/94	B09PN6	5000.00		13000.00 B	
199-H4-6	1/03/94	B09PN7		24000.00 B		66000.00 D
199-H4-6	1/03/94	B09PN8	6400.00		24000.00 B	
199-H4-7	1/03/94	B09PN9		17000.00 B		63000.00 D
199-H4-7	1/03/94	B09PP0	5900.00		17000.00 B	
199-H4-8	1/03/94	B09PP1		16000.00 B		66000.00 D
199-H4-8	1/03/94	B09PP2	5400.00		16000.00 B	
199-H4-9	1/04/94	B09PP3		19000.00 B		76000.00 D
199-H4-9	1/04/94	B09PP4	5400.00		19000.00 B	
199-H4-9	2/01/94	B09ZB8		19000.00 B		59000.00 D
199-H4-9	2/01/94	B09ZB9	5500.00 B		20000.00 B	
199-H4-9	3/08/94	B0BHL7		21000.00		57000.00 D
199-H4-9	3/08/94	B0BHL8		20000.00		57000.00 D
199-H4-9	3/08/94	B0BHL9	5200.00		20000.00	
199-H4-9	3/08/94	B0BHM0	5800.00		20000.00	

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Table 3-4. Constituents with at Least One Detected Value for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 9 of 11)

Well Name	Collection Date	Sample Number	TC-99 143/pCi/L ./900	TIN 34/ppb 24/.	FTIN 34/ppb 24/.	TURBID 126/NTU .016/.
199-H3-2A	1/03/94	B09PL3	1.00 U	20.00 U		.60 Q
199-H3-2A	1/03/94	B09PL4			20.00 U	
199-H3-2C	1/03/94	B09PL5	-.10 U	20.00 U		.70 Q
199-H3-2C	1/03/94	B09PL6			20.00 U	
199-H4-11	1/03/94	B09PL7	2.39	20.00 U		.80 Q
199-H4-11	1/03/94	B09PL8			20.00 U	
199-H4-12A	1/04/94	B09PL9	120.00	20.00 U		.70 Q
199-H4-12A	1/04/94	B09PM0			20.00 U	
199-H4-12C	1/04/94	B09PM1	-.46 U	20.00 U		.30 Q
199-H4-12C	1/04/94	B09PM2			20.00 U	
199-H4-14	1/03/94	B09PM3	5.35	20.00 U		.50 Q
199-H4-14	1/03/94	B09PM4			20.00 U	
199-H4-15A	1/03/94	B09PM5	1.08 U	20.00 U		.80 Q
199-H4-15A	1/03/94	B09PM6			20.00 U	
199-H4-17	1/03/94	B09PM7	1.28 U	20.00 U		2.00 Q
199-H4-17	1/03/94	B09PM8			20.00 U	
199-H4-18	1/03/94	B09PM9	17.50	20.00 U		2.50 Q
199-H4-18	1/03/94	B09PN0			20.00 U	
199-H4-3	1/03/94	B09PN1	1940.00	20.00 U		.80 Q
199-H4-3	1/03/94	B09PN2			20.00 U	
199-H4-3	2/01/94	B09ZB4		51.10 U		2.00
199-H4-3	2/01/94	B09ZB5			51.10 U	
199-H4-3	3/09/94	B0BHL3		51.10 U		2.20
199-H4-3	3/09/94	B0BHL4			51.10 U	
199-H4-4	1/03/94	B09PN3	793.00	20.00 U		.80 Q
199-H4-4	1/03/94	B09PN4			20.00 U	
199-H4-4	2/28/94	B09ZB6		45.00 BL		6.10
199-H4-4	2/28/94	B09ZB7			51.10 U	
199-H4-4	3/09/94	B0BHL5		51.10 U		1.30
199-H4-4	3/09/94	B0BHL6			51.10 U	
199-H4-5	1/03/94	B09PN5	2.65	51.10 U		.60 Q
199-H4-5	1/03/94	B09PN6			51.10 U	
199-H4-6	1/03/94	B09PN7	.19 U	51.10 U		1.60 Q
199-H4-6	1/03/94	B09PN8			51.10 U	
199-H4-7	1/03/94	B09PN9	1.04 U	51.10 U		.60 Q
199-H4-7	1/03/94	B09PP0			51.10 U	
199-H4-8	1/03/94	B09PP1	.04 U	20.00 U		30.00 Q
199-H4-8	1/03/94	B09PP2			20.00 U	
199-H4-9	1/04/94	B09PP3	101.00	20.00 U		2.00 Q
199-H4-9	1/04/94	B09PP4			20.00 U	
199-H4-9	2/01/94	B09ZB8		51.10 U		1.80
199-H4-9	2/01/94	B09ZB9			51.10 U	
199-H4-9	3/08/94	B0BHL7		51.10 U		1.10
199-H4-9	3/08/94	B0BHL8		51.10 U		1.10
199-H4-9	3/08/94	B0BHL9			51.10 U	
199-H4-9	3/08/94	B0BHM0			51.10 U	

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Table 3-4. Constituents with at Least One Detected Value for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 10 of 11)

Well Name	Collection Date	Sample Number	URANIUM 145/ppb ./.	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	ZINC 34/ppb 4.4/5000s
199-H3-2A	1/03/94	B09PL3	1.85	6.90 L		5.00 U
199-H3-2A	1/03/94	B09PL4			7.10 L	
199-H3-2C	1/03/94	B09PL5	1.14	36.00		2.60 L
199-H3-2C	1/03/94	B09PL6			36.00	
199-H4-11	1/03/94	B09PL7	3.44	9.00 U		5.00 U
199-H4-11	1/03/94	B09PL8			9.00 U	
199-H4-12A	1/04/94	B09PL9	8.36	9.00 U		23.00
199-H4-12A	1/04/94	B09PM0			9.00 U	
199-H4-12C	1/04/94	B09PM1	1.53	23.00 L		3.90 L
199-H4-12C	1/04/94	B09PM2			19.00 L	
199-H4-14	1/03/94	B09PM3	1.89	6.80 L		5.00 U
199-H4-14	1/03/94	B09PM4			6.90 L	
199-H4-15A	1/03/94	B09PM5	2.58	6.80 L		5.00 U
199-H4-15A	1/03/94	B09PM6			9.00 U	
199-H4-17	1/03/94	B09PM7	3.70	9.00 U		.64 L
199-H4-17	1/03/94	B09PM8			9.00 U	
199-H4-18	1/03/94	B09PM9	4.00	9.00 U		5.00 U
199-H4-18	1/03/94	B09PN0			9.00 U	
199-H4-3	1/03/94	B09PN1	1.37	9.00 U		5.00 U
199-H4-3	1/03/94	B09PN2			9.00 U	
199-H4-3	2/01/94	B09ZB4		3.84 U		2.90 LB
199-H4-3	2/01/94	B09ZB5			3.84 U	
199-H4-3	3/09/94	B0BHL3		3.84 U		3.44 U
199-H4-3	3/09/94	B0BHL4			3.84 U	
199-H4-4	1/03/94	B09PN3	24.80	9.00 U		3.40 L
199-H4-4	1/03/94	B09PN4			9.00 U	
199-H4-4	2/28/94	B09ZB6		8.20 L		18.00
199-H4-4	2/28/94	B09ZB7			8.30 L	
199-H4-4	3/09/94	B0BHL5		3.84 U		10.00
199-H4-4	3/09/94	B0BHL6			7.40 L	
199-H4-5	1/03/94	B09PN5	4.49	3.84 U		4.90 BL
199-H4-5	1/03/94	B09PN6			3.84 U	
199-H4-6	1/03/94	B09PN7	4.00	3.84 U		5.50 BL
199-H4-6	1/03/94	B09PN8			3.84 U	
199-H4-7	1/03/94	B09PN9	4.25	3.84 U		3.44 U
199-H4-7	1/03/94	B09PP0			3.84 U	
199-H4-8	1/03/94	B09PP1	3.89	6.70 L		4.10 L
199-H4-8	1/03/94	B09PP2			9.00 U	
199-H4-9	1/04/94	B09PP3	9.58	9.00 U		41.00
199-H4-9	1/04/94	B09PP4			9.00 U	
199-H4-9	2/01/94	B09ZB8		3.84 U		12.00 B
199-H4-9	2/01/94	B09ZB9			3.84 U	
199-H4-9	3/08/94	B0BHL7		3.84 U		3.44 U
199-H4-9	3/08/94	B0BHL8		3.84 U		3.44 U
199-H4-9	3/08/94	B0BHL9			3.84 U	
199-H4-9	3/08/94	B0BHM0			3.84 U	

9413280.1660

Table 3-4. Constituents with at Least One Detected Value for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994. (sheet 11 of 11)

Well Name	Collection Date	Sample Number	FZINC 34/ppb 4.4/5000s
199-H3-2A	1/03/94	B09PL4	5.00 U
199-H3-2C	1/03/94	B09PL6	5.00 U
199-H4-11	1/03/94	B09PL8	5.00 U
199-H4-12A	1/04/94	B09PM0	4.30 L
199-H4-12C	1/04/94	B09PM2	5.00 U
199-H4-14	1/03/94	B09PM4	5.00 U
199-H4-15A	1/03/94	B09PM6	5.00 U
199-H4-17	1/03/94	B09PM8	2.10 L
199-H4-18	1/03/94	B09PN0	5.00 U
199-H4-3	1/03/94	B09PN2	5.00 U
199-H4-3	2/01/94	B09ZB5	10.00 B
199-H4-3	3/09/94	B0BHL4	5.10 L
199-H4-4	1/03/94	B09PN4	2.80 L
199-H4-4	2/28/94	B09ZB7	3.44 U
199-H4-4	3/09/94	B0BHL6	12.00
199-H4-5	1/03/94	B09PN6	3.50 BL
199-H4-6	1/03/94	B09PN8	1.40 BL
199-H4-7	1/03/94	B09PP0	3.44 U
199-H4-8	1/03/94	B09PP2	5.00 U
199-H4-9	1/04/94	B09PP4	6.40 L
199-H4-9	2/01/94	B09ZB9	5.90 LB
199-H4-9	3/08/94	B0BHL9	3.44 U
199-H4-9	3/08/94	B0BHM0	3.44 U

For explanation of this table, see Section 1.4 of report.

9413280.1661

Table 3-5. Contamination Indicator Parameters for the 183-H Solar Evaporation Basins Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD uMho 1/700w	COND LAB uMho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
199-H3-2A	1/03/94	B09PL3	276	290	7.82		600 L	25.6
199-H3-2C	1/03/94	B09PL5	213	230	8.00		300 L	5.0 U
199-H4-11	1/03/94	B09PL7	370	380	7.94		700 L	25.8
199-H4-12A	1/04/94	B09PL9	393	440	7.74		500 L	
199-H4-12C	1/04/94	B09PM1	261	270	7.91		300 L	
199-H4-14	1/03/94	B09PM3	306	310	7.90		500 L	26.8
199-H4-15A	1/03/94	B09PM5	401	400	7.49		600 L	5.0 U
199-H4-17	1/03/94	B09PM7	488	520	7.46		1000	5.0 U
199-H4-18	1/03/94	B09PM9	387	380	7.76		700 L	21.2
199-H4-3	1/03/94	B09PN1	1184	1200	7.81		800 L	8.1
	3/09/94	B0BHL3	1416		7.71			
199-H4-4	1/03/94	B09PN3	808	830	7.97		800 L	12.6
	2/28/94	B09ZB6	616		7.69			
	3/09/94	B0BHL5	864		8.00			
199-H4-5	1/03/94	B09PN5	484	500	7.70		700 L	10.1
199-H4-6	1/03/94	B09PN7	453	460	7.90		600 L	5.0 U
199-H4-7	1/03/94	B09PN9	456	470	7.23		700 L	8.8
199-H4-8	1/03/94	B09PP1	470	490	7.63		700 L	6.9
199-H4-9	1/04/94	B09PP3	346	590	7.30		700 L	
	3/08/94	B0BHL7	543		6.80			

For explanation of this table, see Section 1.4 of report.

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4.0 100-N RCRA SITES

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4.1 INTRODUCTION

Four interim-status RCRA disposal units are located in the 100-N Area of the Hanford Site: (1) the 1301-N Liquid Waste Disposal Facility (LWDF), (2) the 1324-N Surface Impoundment, (3) the 1324-NA Percolation Pond, and (4) the 1325-N LWDF (Figure 4-1). The 1324-N and 1324-NA units are monitored as a single site. RCRA monitoring began in late 1987. The 1324-N/NA site has been monitored under a groundwater quality assessment program since 1989 (40 CFR 265.93). The 1325-N site is monitored under an indicator evaluation program (40 CFR 265.92). Background concentrations are being reestablished for the 1301-N LWDF.

The 1301-N and 1325-N units were used for disposal of liquid effluent from the N Reactor and associated facilities. Primary waste constituents were radionuclides, including strontium-90, tritium, and cobalt-60. Minor amounts of hazardous waste also were present in the waste streams (e.g., hydrazine). The 1324-N/NA units received corrosive waste. The 100-N RCRA units are currently not in use.

Data from the 100-NR-2 groundwater operable unit monitoring program are included in the RCRA quarterly report. Sampling is coordinated between RCRA and 100-NR-2 to avoid redundancy. Sampling, analysis, data validation, and verification are done according to the same protocols as RCRA.

Well locations in the 100-N Area are illustrated in Figure 4-1. Many of these wells are monitored monthly for water levels. Fewer wells are used for groundwater sampling. Sampling networks are listed in Table 4-1.

4.2 WATER LEVEL MEASUREMENTS

Water levels are measured monthly in most of the 100-N Area wells. Data are listed in Table 4-2. Wells N-2, N-62, N-71, N-72, and N-77 each had one measurement outside of expected trends. These measurements are marked as suspected errors in Table 4-2.

4.3 WATER CHEMISTRY DATA

This section includes a summary of sampling and analysis activities in the 100-N Area. Groundwater chemistry data are listed in Tables 4-3 through 4-5. The tables include data from samples collected in previous quarters that were not presented in the last quarterly report. Data flags are discussed in Sections 1.2 and 1.4. All D flags in this quarter's data indicate that samples were diluted for analysis. DWSs were exceeded for the constituents

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listed in Table 4-6. Appendix A contains previously reported analytical results from 1992 and 1993. These results were found to have problems or discrepancies after initial reporting.

4.3.1 1301-N Liquid Waste Disposal Facility

All of the wells in the 1301-N network were scheduled for sampling during the past quarter. Wells N-57 and N-67 were sampled with a bailer because of low water levels. The bailed wells were not purged and no filtered samples were collected.

Field pH was lower than historical data and laboratory values in wells N-3, N-14, N-67, N-69, and N-76. Data evaluations have been requested and the results are flagged with an 'F.'

4.3.2 1324-N Surface Impoundment and 1324-NA Percolation Pond

Most of the wells in the revised 1324-N/NA network were sampled as scheduled during the last quarter. Well N-59 was not sampled because of low water levels.

Field pH in well N-72 was lower than historical data and laboratory values. A data evaluation was requested and the results are flagged with an 'F.'

4.3.3 1325-N Liquid Waste Disposal Facility

Most of the wells in the 1325-N network were sampled as scheduled last quarter. Well N-43 was not sampled because the samplers did not have access to the well. Quadruplicate averages of CIPs in the downgradient wells did not exceed critical mean values.

Nitrite was detected in well N-81 for the first time; no nearby wells have had detectable nitrite, and the measurement in well N-81 may be in error. Field conductivity in well N-81 and field pH in well N-27 are not consistent with previous data and do not agree with laboratory values. Quadruplicate TOX samples from well N-70 had a large variability. Data evaluations have been requested and the results are flagged with an 'F.'

4.3.4 100-NR-2 Operable Unit

Most of the 100-NR-2 wells were sampled as scheduled last quarter. Well N-49 was not sampled because it was dry.

Analyses for petroleum products have not previously been reported for the 100-NR-2 wells. Total petroleum hydrocarbons and oil and grease results are listed in Table 4-7.

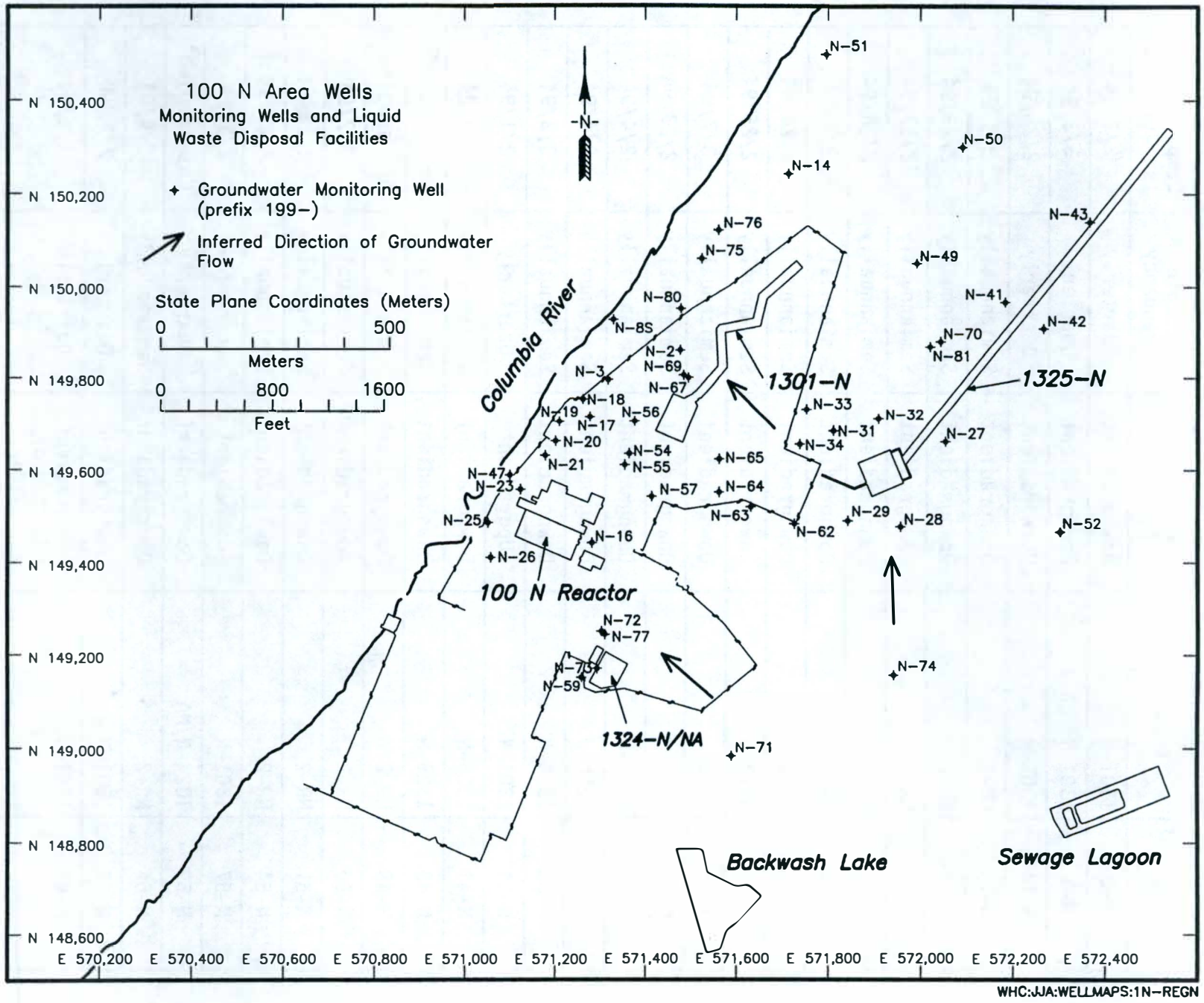

Figure 4-1. Well Location Map for 1301-N, 1324-N/NA, and 1325-N Facilities.

Table 4-1. Monitoring Well Purpose and Sampling Schedule in the 100-N Area. (sheet 1 of 2)

Well no. (199-)	RCRA site	Relative position	Sample frequency	Sample date, 1st Qtr 1994
N-2	1301-N	Downgradient	Quarterly	2/2/94
N-3	1301-N, NR-2	Downgradient	Quarterly	3/3/94
N-14	1301-N	Downgradient	Quarterly	2/28/94
N-16	NR-2	Downgradient	Semiannually	3/1/94
N-17	NR-2	Downgradient	Semiannually	2/28/94
N-18	NR-2	Downgradient	Semiannually	2/17/94
N-19	NR-2	Downgradient	Semiannually	2/28/94
N-20	NR-2	Downgradient	Semiannually	3/4/94
N-21	NR-2	Downgradient	Semiannually	2/28/94
N-23	NR-2	Downgradient	Semiannually	2/25/94
N-25	NR-2	Downgradient	Semiannually	3/7/94
N-26	NR-2	Downgradient	Semiannually	2/23/94
N-27	1325-N	Downgradient	Semiannually	2/4/94
N-29	1325-N	Downgradient	Semiannually	2/4/94
N-32	1325-N, NR-2	Downgradient	Semiannually	3/3/94
N-34	1301-N	Upgradient	Quarterly	2/1/94
N-41	1325-N	Downgradient	Semiannually	2/7/94
N-43	1325-N	Downgradient	Semiannually	Not sampled[a]
N-49	NR-2	Downgradient	Semiannually	Not sampled[b]
N-50	NR-2	Downgradient	Semiannually	3/2/94
N-51	NR-2	Downgradient	Semiannually	2/22/94
N-54	NR-2	Downgradient	Semiannually	2/23/94
N-57	1301-N	Upgradient	Quarterly	2/1/94[c]
N-59	1324-N/NA	Downgradient	Quarterly	Not sampled[b]
N-64	NR-2	Downgradient	Semiannually	3/4/94
N-67	1301-N	Downgradient	Quarterly	2/2/94[c]
N-69	1301-N	Downgradient; bottom of aquifer	Quarterly	2/2/94

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Table 4-1. Monitoring Well Purpose and Sampling Schedule in the 100-N Area. (sheet 2 of 2)

Well no. (199-)	RCRA site	Relative position	Sample frequency	Sample date, 1st Qtr 1994
N-70	1325-N	Downgradient; bottom of aquifer	Quarterly	3/1/94
N-71	1324-N/NA	Upgradient	Quarterly	2/1/94
N-72	1324-N/NA	Downgradient	Quarterly	2/2/94
N-73	1324-N/NA	Downgradient	Quarterly	2/1/94
N-74	1325-N	Upgradient	Semiannually	2/4/94
N-75	1301-N	Downgradient	Quarterly	2/1/94
N-76	1301-N	Downgradient	Quarterly	2/28/94
N-77	1324-N/NA	Downgradient; bottom of aquifer	Quarterly	2/1/94
N-80	NR-2	Downgradient; first confined aquifer	Semiannually	3/2/94
N-81	1325-N	Downgradient	Quarterly	2/2/94

Note: The hydrogeologic unit monitored is the unconfined aquifer, which comprises sands and gravels of the Ringold Formation.

[a]Not sampled; limited access.

[b]Not enough water to sample.

[c]Sampled with bailer; well not purged.

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Table 4-2. RCRA Water Level Measurement Report for the 100-N Area, First Quarter 1994. (sheet 1 of 6)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
199-N-14	1/05/94	70.41	383.27
	2/09/94	68.41	385.27
	2/28/94	69.23	384.45*
	3/07/94	69.94	383.74
199-N-16	1/05/94	71.66	385.58
	2/09/94	70.64	386.60
	3/01/94	70.78	386.46*
	3/07/94	71.11	386.13
199-N-17	2/28/94	76.63	385.08*
199-N-19	1/05/94	71.09	383.35
	2/10/94	68.74	385.70
	3/07/94	70.94	383.50
199-N-2	1/05/94	75.53	384.23
	2/02/94	71.91	387.85*+
	2/09/94	74.41	385.35
	3/07/94	74.93	384.83
199-N-20	1/05/94	72.43	383.92
	2/10/94	70.39	385.96
	3/07/94	72.11	384.24
199-N-21	1/05/94	73.76	383.71
	2/09/94	71.22	386.25
	3/07/94	73.37	384.10
199-N-23	1/05/94	73.44	383.36
	2/09/94	70.43	386.37
	3/07/94	73.00	383.80
199-N-25	1/05/94	43.88	382.37
	2/09/94	40.11	386.14
	3/07/94	44.03	382.22
199-N-26	1/05/94	73.52	382.74
	2/09/94	69.97	386.29
	3/07/94	73.40	382.86

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Table 4-2. RCRA Water Level Measurement Report for the 100-N Area, First Quarter 1994. (sheet 2 of 6)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
199-N-27	1/05/94	62.38	387.22
	2/04/94	62.45	387.15*
	2/09/94	62.39	387.21
	3/07/94	62.21	387.39
199-N-28	1/05/94	76.80	387.94
	2/09/94	76.85	387.89
	3/07/94	76.69	388.05
199-N-29	1/05/94	77.88	387.87
	2/04/94	77.86	387.89*
	2/09/94	77.88	387.87
	3/07/94	77.75	388.00
199-N-3	1/05/94	75.86	383.53
	2/09/94	73.76	385.63
	3/03/94	74.60	384.79*
	3/07/94	75.20	384.19
199-N-31	1/05/94	76.54	386.09
	2/09/94	76.52	386.11
	3/07/94	76.28	386.35
199-N-32	1/05/94	75.85	386.74
	2/09/94	75.77	386.82
	3/07/94	75.58	387.01
199-N-33	1/05/94	74.03	386.34
	2/09/94	74.54	385.83
	3/07/94	73.72	386.65
199-N-34	1/05/94	73.27	386.88
	2/01/94	73.63	386.52*
	2/09/94	73.19	386.96
	3/07/94	73.01	387.14
199-N-41	1/05/94	73.68	384.43
	2/07/94	73.09	385.02*
	2/09/94	72.97	385.14
	3/07/94	73.21	384.90

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Table 4-2. RCRA Water Level Measurement Report for the 100-N Area, First Quarter 1994. (sheet 3 of 6)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
199-N-42	1/05/94	70.70	384.94
	3/07/94	70.23	385.41
199-N-49	1/05/94	66.77	384.49
	2/09/94	66.82	384.44
	3/07/94	66.27	384.99
199-N-50	1/05/94	80.58	383.32
	2/09/94	78.80	385.10
	3/07/94	80.16	383.74
199-N-51	1/05/94	79.95	382.77
	2/09/94	77.65	385.07
	3/07/94	79.60	383.12
199-N-52	1/05/94	75.96	388.24
	2/09/94	76.02	388.18
	3/07/94	75.85	388.35
199-N-54	1/05/94	72.88	385.12
	2/10/94	71.92	386.08
	3/07/94	72.29	385.71
199-N-55	1/05/94	73.27	385.08
	2/10/94	72.26	386.09
	3/07/94	72.63	385.72
199-N-56	1/05/94	73.91	384.68
	2/10/94	72.86	385.73
	3/07/94	73.29	385.30
199-N-57	1/05/94	71.60	386.66
	2/01/94	71.52	386.74*
	2/10/94	71.29	386.97
	3/07/94	71.21	387.05
199-N-59	1/05/94	72.67	387.40
	3/07/94	72.97	387.10

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Table 4-2. RCRA Water Level Measurement Report for the 100-N Area, First Quarter 1994. (sheet 4 of 6)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
199-N-62	1/05/94	76.15	387.97
	2/09/94	76.68	387.44+
	3/07/94	76.04	388.08
199-N-63	1/05/94	79.61	387.62
	2/09/94	79.62	387.61
	3/07/94	79.44	387.79
199-N-64	1/05/94	67.99	387.16
	2/09/94	67.94	387.21
	3/07/94	67.74	387.41
199-N-65	1/05/94	70.32	386.66
	2/09/94	70.24	386.74
	3/07/94	70.01	386.97
199-N-67	1/05/94	74.15	384.82
	2/02/94	73.95	385.02*
	2/09/94	73.49	385.48
	3/07/94	73.65	385.32
199-N-71	1/05/94	73.67	389.35
	2/01/94	73.00	390.02*+
	2/09/94	73.74	389.28
	3/07/94	73.68	389.34
199-N-72	1/05/94	70.69	388.29
	2/03/94	70.05	388.93*+
	2/09/94	70.40	388.58
	3/07/94	70.39	388.59
199-N-73	1/05/94	75.58	387.68
	2/01/94	75.56	387.70*
	2/09/94	75.39	387.87
	3/07/94	75.34	387.92
199-N-74	1/05/94	68.53	389.11
	2/04/94	68.58	389.06*
	2/09/94	68.57	389.07
	3/07/94	68.52	389.12

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Table 4-2. RCRA Water Level Measurement Report for the 100-N Area, First Quarter 1994. (sheet 5 of 6)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
199-N-75	1/05/94	73.83	382.95
	2/01/94	71.84	384.94*
	2/09/94	71.30	385.48
	3/07/94	73.35	383.43
199-N-76	1/05/94	69.26	382.86
	2/09/94	66.64	385.48
	2/28/94	67.86	384.26*
	3/07/94	68.86	383.26
199-N-81	1/05/94	77.00	385.71
	2/09/94	76.87	385.84
	3/07/94	76.62	386.09
199-N-8S	1/05/94	22.97	382.15
	2/09/94	20.42	384.70
	3/07/94	22.24	382.88
699-81-58	1/05/94	46.94	392.61
	2/09/94	47.11	392.44
	3/07/94	47.04	392.51
Wells Monitoring the Bottom of the Unconfined Aquifer			
199-N-69	1/05/94	74.69	384.67
	2/02/94	74.48	384.88*
	2/09/94	73.79	385.57
	3/07/94	74.15	385.21
199-N-70	1/05/94	69.11	385.59
	2/09/94	69.00	385.70
	3/01/94	68.85	385.85*
	3/07/94	68.74	385.96

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Table 4-2. RCRA Water Level Measurement Report for the 100-N Area, First Quarter 1994. (sheet 6 of 6)

Wells Monitoring the Bottom of the Unconfined Aquifer			
199-N-77	1/05/94	71.34	388.10
	2/01/94	72.46	386.98*
	2/09/94	71.05	388.39
	3/07/94	71.05	388.39

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. Elevations marked with a '+' are outside of the expected range, and are suspected of error.
5. To convert from feet to meters multiply by 0.3048.

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Table 4-3. Constituent List and Summary of Results for 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 4)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	umhos	1			74	74	
CONDUCT	73	Conductivity, lab	umhos				80	80	
TOC		Total Organic Carbon	ppb	320			81	26	
TOX		Total Organic Halogen	ppb	5			69	29	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	74	74	4
PH	125	pH, lab	pH		6.5-8.5	EPAS	80	80	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
ARSENIC		Arsenic	ppb	.64	50	EPA	23	16	0
FARSENIC		Arsenic, filtered	ppb	.64	50	EPA	21	15	0
BARIUM		Barium	ppb	1.3	1000	EPAI	31	31	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	28	28	0
CADMIUM		Cadmium	ppb	3	10	EPAI	31	1	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	28	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	31	24	11
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	28	7	1
ENDRIN		Endrin	ppb	.0042	.2	EPA	1	0	0
FLUORID		Fluoride	ppb	51	1400	EPAI	31	31	1
ALPHA		Gross alpha	pCi/L		15	EPA	29	18	0
MERCURY		Mercury	ppb	.095	2	EPA	11	0	0
FMERCUR		Mercury, filtered	ppb	.095	2	EPA	9	1	0
METHLOR		Methoxychlor	ppb	.022	100	EPAI	1	0	0
NITRATE		Nitrate	ppb	96	45000	EPA	31	31	2
RADIUM		Radium	pCi/L		5	EPAI	11	2	0
SELENUM		Selenium	ppb	1.4	10	EPAI	11	1	0
FSELENI		Selenium, filtered	ppb	1.4	10	EPAI	9	0	0
TOXAENE		Toxaphene	ppb	.7	5	EPAI	1	0	0
g-BHC		gamma-BHC (Lindane)	ppb	.0015	4	EPAI	1	0	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	31	31	0
IRON		Iron	ppb	18	300	EPAS	31	30	16
FIRON		Iron, filtered	ppb	18	300	EPAS	28	18	3
MANGESE		Manganese	ppb	1	50	EPAS	31	28	6
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	28	14	2
LPHENOL	19	Phenol	ppb	.5			1	0	
LPHENOL	30	Phenol	ppb	.57			18	0	
SODIUM		Sodium	ppb	150			31	31	
FSODIUM		Sodium, filtered	ppb	150			28	28	
SULFATE		Sulfate	ppb	89	250000	EPAS	31	31	4

Table 4-3. Constituent List and Summary of Results for 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 4)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name				Lab	DWS		Number of Samples		
Short	(Method)	Full	Units	CRQL	Limit	Agency	Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.22	200	EPA	5	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.062			5	0	
1,1-DIC		1,1-Dichloroethane	ppb	.08			5	0	
1,2-DIC		1,2-Dichloroethane	ppb	.055	5	EPA	5	0	0
14-dben		1,4-Dichlorobenzene	ppb	.107	75	EPA	5	0	0
246-trp		2,4,6-Trichlorophenol	ppb	1.6			18	0	
24-dchp	19	2,4-Dichlorophenol	ppb	1.3			1	0	
24-dchp	30	2,4-Dichlorophenol	ppb	1.5			18	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			18	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			18	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			18	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			18	0	
2METHPH		2-Methylphenol	ppb	1.9			1	0	
2NITPH	19	2-Nitrophenol	ppb	1.6			1	0	
2NITPH	30	2-Nitrophenol	ppb	1.7			18	0	
BUTDINP		2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			18	0	
DDD		4,4'-DDD	ppb	.0039			1	0	
DDE		4,4'-DDE	ppb	.0015			1	0	
DDT		4,4'-DDT	ppb	.0012			1	0	
46DN2MP		4,6-Dinitro-2-methylphenol	ppb	1.6			18	0	
CHLCRES		4-Chloro-3-methylphenol	ppb	1.5			18	0	
4METHPH		4-Methylphenol	ppb	1.3			1	0	
NITPHEN		4-Nitrophenol	ppb	1.4			18	0	
ALDRIN		Aldrin	ppb	.0018			1	0	
ALKALIN		Alkalinity	ppm	1.96			5	5	
a-BHC		Alpha-BHC	ppb	.003			1	0	
ALUMNUM		Aluminum	ppb	19			31	12	
FALUMIN		Aluminum, filtered	ppb	19			28	4	
ANTIONY		Antimony	ppb	26			31	5	
FANTIMO		Antimony, filtered	ppb	26			28	5	
SB-125		Antimony-125	pCi/L				27	4	
AR1016		Aroclor-1016	ppb	.059			1	0	
AR1221		Aroclor-1221	ppb	.06			1	0	
AR1232		Aroclor-1232	ppb	.094			1	0	
AR1242		Aroclor-1242	ppb	.17			1	0	
AR1248		Aroclor-1248	ppb	.047			1	0	
AR1254		Aroclor-1254	ppb	.092			1	0	
AR1260		Aroclor-1260	ppb	.079			1	0	
BENZENE		Benzene	ppb	.24	5	EPA	5	0	0
BENZOTH		Benzothiazole	ppb	1.9			1	0	
BERYLUM		Beryllium	ppb	1.5			31	1	
FBERYLL		Beryllium, filtered	ppb	1.5			28	0	
b-BHC		Beta-BHC	ppb	.0013			1	0	
BIS2EPH		Bis(2-ethylhexyl) phthalate	ppb	1.1			1	0	
BROMIDE		Bromide	ppb	110			31	2	
CALCIUM		Calcium	ppb	47			31	31	
FCALCIU		Calcium, filtered	ppb	47			28	28	
TETRANE		Carbon tetrachloride	ppb	.32	5	EPA	5	1	0
CS-137		Cesium-137	pCi/L		200	EPA	29	6	0
COD		Chemical Oxygen Demand	ppm	3			1	0	
CHLOANE		Chlordane	ppb	.042	2	EPA	1	0	0
CHLFORM		Chloroform	ppb	.05			5	5	
COBALT		Cobalt	ppb	6.5			31	1	
FCOBALT		Cobalt, filtered	ppb	6.5			28	1	

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Table 4-3. Constituent List and Summary of Results for 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 4)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CO-60		Cobalt-60	pCi/L		100	EPA	29	11	0
COLIFORM		Coliforms	COL	1	1	EPAI	11	0	0
COPPER		Copper	ppb	2.6	1000	EPAS	31	15	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	28	2	0
CRESOLS		Cresols (methylphenols)	ppb	4.8			18	0	
DECANE		Decane	ppb	2.9			1	0	
d-BHC		Delta-BHC	ppb	.0018			1	0	
DIELRIN		Dieldrin	ppb	.0021			1	0	
DODECAN		Dodecane	ppb	2.4			1	0	
END01		Endosulfan I	ppb	.0018			1	0	
END02		Endosulfan II	ppb	.0012			1	0	
ENDSFAN		Endosulfan sulfate	ppb	.0018			1	0	
ENDRALD		Endrin Aldehyde	ppb	.0039			1	0	
ETHBENZ		Ethylbenzene	ppb	.043	700	EPA	5	2	0
BETA		Gross beta	pCi/L				29	29	
HEPTLOR		Heptachlor	ppb	.0015	.4	EPA	1	0	0
HEPTIDE		Heptachlor epoxide	ppb	.0012	.2	EPA	1	0	0
LHYDRAZ		Hydrazine	ppb	2.3			19	0	
LEAD		Lead	ppb	.86	50	EPAI	23	5	0
FLEAD		Lead, filtered	ppb	.86	50	EPAI	21	6	0
MAGNES		Magnesium	ppb	25			31	31	
FMAGNES		Magnesium, filtered	ppb	25			28	28	
METHYCH		Methylene chloride	ppb	.082			5	0	
NAPHTHA		Naphthalene	ppb	1.2			1	0	
NICKEL		Nickel	ppb	16			31	13	
FNICKEL		Nickel, filtered	ppb	16			28	0	
NITRITE		Nitrite	ppb	110	1000	EPA	31	1	0
PENTCHP	19	Pentachlorophenol	ppb	1.7	1	EPA	1	0	1*
PENTCHP	30	Pentachlorophenol	ppb	1.7	1	EPA	18	0	0*
PHOSPHA		Phosphate	ppb	470			31	0	
POTASUM		Potassium	ppb	890			31	31	
FPOTASS		Potassium, filtered	ppb	890			28	28	
RU-106		Ruthenium-106	pCi/L		30	EPA	29	1	5*
SILVER		Silver	ppb	3.4	50	EPAI	31	2	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	28	1	0
SR-90		Strontium-90	pCi/L		8	EPA	29	18	13
TC-99		Technetium-99	pCi/L		900	EPA	1	0	0
PERCENE		Tetrachloroethene	ppb	.08	5	EPA	5	0	0
TETPHNL		Tetrachlorophenols	ppb	1.4			18	0	
TETRADE		Tetradecane	ppb	3			1	0	
TIN		Tin	ppb	24			31	3	
FTIN		Tin, filtered	ppb	24			28	5	
TOLUENE		Toluene	ppb	.077	1000	EPA	5	0	0
TC		Total Carbon	ppb	320			5	5	
TDS		Total Dissolved Solids	ppm	10	500	EPAS	5	5	1
TRIBUTPH		Tributyl Phosphate	ppb	3.9			1	0	
TRICENE		Trichloroethene	ppb	.043	5	EPA	5	0	0
TRIPHNL		Trichlorophenols	ppb	2.1			18	0	
TDICHPH		Tris-2-chloroethyl phosphate	ppb	2.2			1	0	
TRITIUM		Tritium	pCi/L		20000	EPA	29	28	19
TURBID		Turbidity	NTU	.016			29	29	
VANADUM		Vanadium	ppb	6.4			31	24	
FVANADI		Vanadium, filtered	ppb	6.4			28	20	
VINYIDE		Vinyl chloride	ppb	.15	2	EPA	5	0	0
XYLENE		Xylenes (total)	ppb	.2	10000	EPA	5	1	0
ZINC		Zinc	ppb	4.4	5000	EPAS	31	26	0

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Table 4-3. Constituent List and Summary of Results for 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 4)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	28	16	0
CIS12DE		cis-1,2-Dichloroethylene	ppb	.045	70	EPA	5	0	0
MCRESOL		m-Cresol	ppb	6.3			1	0	
TRANDCE		trans-1,2-Dichloroethylene	ppb	.067	100	EPA	5	0	0

For explanation of this table, see Section 1.4 of report.

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Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 20)

Well Name	Collection Date	Sample Number	ALKALIN 357/ppm 1.96/.	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	ANTIONY 34/ppb 26/.
199-N-14	2/28/94	B09TB7		32.50 U		69.40 U
199-N-14	2/28/94	B09TC1			32.50 U	
199-N-16	3/01/94	B09ZR8		32.50 U		69.40 U
199-N-16	3/01/94	B09ZR9			32.50 U	
199-N-2	2/02/94	B09TC2		32.50 U		69.40 U
199-N-2	2/02/94	B09TC6			32.50 U	
199-N-23	2/25/94	B09ZS0		33.00 L		37.00 BL
199-N-23	2/25/94	B09ZS1			32.50 U	
199-N-25	3/07/94	B09ZS2		32.50 U		47.00 L
199-N-25	3/07/94	B09ZS3			39.00 L	
199-N-26	2/23/94	B09ZS4		32.50 U		69.40 U
199-N-26	2/23/94	B09ZS5			32.50 U	
199-N-27	2/04/94	B09VN2		32.50 U		69.40 U
199-N-27	2/04/94	B09VN6			32.50 U	
199-N-29	2/04/94	B09VN7		32.50 U		69.40 U
199-N-29	2/04/94	B09VP1			32.50 U	
199-N-3	3/03/94	B09TC7		120.00 L		69.40 U
199-N-3	3/03/94	B09TD1			120.00 L	
199-N-32	3/03/94	B09VP2		82.00 L		69.40 U
199-N-32	3/03/94	B09VP6			21.00 L	
199-N-34	2/01/94	B09TD2		610.00		69.40 U
199-N-34	2/01/94	B09TD6			32.50 U	
199-N-41	2/07/94	B09VP7		32.50 U		69.40 U
199-N-41	2/07/94	B09VQ1			32.50 U	
199-N-50	3/02/94	B09ZR2		50.00 L		54.00 BL
199-N-50	3/02/94	B09ZR3			64.00 L	
199-N-51	2/22/94	B09ZR4		32.50 U		69.40 U
199-N-51	2/22/94	B09ZR5			32.50 U	
199-N-57	2/01/94	B09TR1		2700.00		69.40 U
199-N-64	3/04/94	B09ZR6		18000.00		69.40 U
199-N-67	2/02/94	B09TR6		4500.00		69.40 U
199-N-69	2/02/94	B09TS1		32.50 U		69.40 U
199-N-69	2/02/94	B09TS2		32.50 U		69.40 U
199-N-69	2/02/94	B09TS9			32.50 U	
199-N-69	2/02/94	B09TT0			32.50 U	
199-N-70	3/01/94	B0BGF7		32.50 U		35.00 L
199-N-70	3/01/94	B0BGG1			32.50 U	
199-N-71	2/01/94	B09TT9	110.00 B	32.50 U		69.40 U
199-N-71	2/01/94	B09TV3			32.50 U	
199-N-72	2/03/94	B09FH3	70.00 B	110.00 L		69.40 U
199-N-72	2/03/94	B09FP0			32.50 U	
199-N-72	2/03/94	B09TV4	70.00 B	110.00 L		69.40 U
199-N-72	2/03/94	B09TV5			32.50 U	
199-N-73	2/01/94	B09TW1	80.00 B	32.50 U		69.40 U
199-N-73	2/01/94	B09TW2			32.50 U	
199-N-74	2/04/94	B09W24		32.50 U		69.40 U
199-N-74	2/04/94	B09W25		32.50 U		69.40 U
199-N-74	2/04/94	B09W32			32.50 U	
199-N-74	2/04/94	B09W33			32.50 U	
199-N-75	2/01/94	B09TT4		32.50 U		69.40 U
199-N-75	2/01/94	B09TT8			32.50 U	
199-N-76	2/28/94	B09TV6		42.00 L		69.40 U
199-N-76	2/28/94	B09TW0			32.50 U	
199-N-77	2/01/94	B09TW3	70.00 B	32.50 U		69.40 U
199-N-77	2/01/94	B09TW4			32.50 U	

Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 20)

Well Name	Collection Date	Sample Number	ALKALIN 357/ppm 1.96/.	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	ANTIONY 34/ppb 26/.
199-N-80	3/02/94	B09ZS9		32.50 U		59.00 BL
199-N-80	3/02/94	B09ZT0			32.50 U	
199-N-81	2/02/94	B09VM7		1400.00		69.40 U
199-N-81	2/02/94	B09VN1			32.50 U	

Well Name	Collection Date	Sample Number	FANTIMO 34/ppb 26/.	SB-125 140/pCi/L ./.	ARSENIC 43/ppb .64/50	FARSENIC 43/ppb .64/50
199-N-14	2/28/94	B09TB7		12.10 U	2.30 L	
199-N-14	2/28/94	B09TC1	32.00 L			2.00 L
199-N-16	3/01/94	B09ZR8		-1.05 U		
199-N-16	3/01/94	B09ZR9	69.40 U			
199-N-17	2/28/94	B09ZS6		-13.00 U		
199-N-2	2/02/94	B09TC2		-1.05 U	1.38 U	
199-N-2	2/02/94	B09TC6	69.40 U			1.38 U
199-N-21	2/28/94	B09ZS7		-2.95 U		
199-N-23	2/25/94	B09ZS0		.63 U		
199-N-23	2/25/94	B09ZS1	86.00 BL			
199-N-25	3/07/94	B09ZS3	34.00 L			
199-N-26	2/23/94	B09ZS4		-17.30 U		
199-N-26	2/23/94	B09ZS5	69.40 U			
199-N-27	2/04/94	B09VN2		16.20 U	2.30 L	
199-N-27	2/04/94	B09VN6	69.40 U			2.30 L
199-N-29	2/04/94	B09VN7		25.20	2.00 L	
199-N-29	2/04/94	B09VP1	69.40 U			2.00 L
199-N-3	3/03/94	B09TC7		-4.91 U	2.10 L	
199-N-3	3/03/94	B09TD1	69.40 U			2.00 L
199-N-32	3/03/94	B09VP2		9.95 U	2.40 L	
199-N-32	3/03/94	B09VP6	69.40 U			3.00 L
199-N-34	2/01/94	B09TD2		21.90	1.38 U	
199-N-34	2/01/94	B09TD6	69.40 U			1.38 U
199-N-41	2/07/94	B09VP7		-2.29 U	4.50 L	
199-N-41	2/07/94	B09VQ1	69.40 U			4.30 L
199-N-50	3/02/94	B09ZR2		4.84 U		
199-N-50	3/02/94	B09ZR3	91.00 BL			
199-N-51	2/22/94	B09ZR4		-10.80 U		
199-N-51	2/22/94	B09ZR5	69.40 U			
199-N-54	2/23/94	B09ZS8		-4.24 U		
199-N-57	2/01/94	B09TR1		2.09 U	5.80	
199-N-67	2/02/94	B09TR6		32.40	1.38 U	
199-N-69	2/02/94	B09TS1		13.40 U	1.38 U	
199-N-69	2/02/94	B09TS2		6.53 U	1.38 U	
199-N-69	2/02/94	B09TS9	69.40 U			1.38 U
199-N-69	2/02/94	B09TT0	69.40 U			1.38 U
199-N-70	3/01/94	B0BGF7		-9.65 U	5.10	
199-N-70	3/01/94	B0BGG1	69.40 U			4.70 L
199-N-71	2/01/94	B09TT9			8.40	
199-N-71	2/01/94	B09TV3	69.40 U			7.90
199-N-72	2/03/94	B09FH3			2.30 L	
199-N-72	2/03/94	B09FP0	69.40 U			2.70 LQ
199-N-72	2/03/94	B09TV4			2.30 L	
199-N-72	2/03/94	B09TV5	69.40 U			2.00 LQ

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Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 20)

Well Name	Collection Date	Sample Number	FANTIMO 34/ppb 26/.	SB-125 140/pCi/L ./.	ARSENIC 43/ppb .64/50	FARSENIC 43/ppb .64/50
199-N-73	2/01/94	B09TW1			2.00 L	
199-N-73	2/01/94	B09TW2	69.40 U			2.50 L
199-N-74	2/04/94	B09W24		8.27 U	3.40 L	
199-N-74	2/04/94	B09W25		.98 U	3.50 L	
199-N-74	2/04/94	B09W32	69.40 U			3.40 L
199-N-74	2/04/94	B09W33	69.40 U			3.80 L
199-N-75	2/01/94	B09TT4		.35 U	1.38 U	
199-N-75	2/01/94	B09TT8	69.40 U			1.38 U
199-N-76	2/28/94	B09TV6		14.90 U	1.38 U	
199-N-76	2/28/94	B09TW0	69.40 U			1.38 U
199-N-77	2/01/94	B09TW3			2.80 L	
199-N-77	2/01/94	B09TW4	69.40 U			3.00 L
199-N-80	3/02/94	B09ZS9		4.78 U		
199-N-80	3/02/94	B09ZT0	57.00 BL			
199-N-81	2/02/94	B09VM7		15.50	2.00 L	
199-N-81	2/02/94	B09VN1	69.40 U			2.00 L

Well Name	Collection Date	Sample Number	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	BERYLUM 34/ppb 1.5/.	FBERYLL 34/ppb 1.5/.
199-N-14	2/28/94	B09TB7	14.00 L		.81 U	
199-N-14	2/28/94	B09TC1		14.00 L		.81 U
199-N-16	3/01/94	B09ZR8	79.00		.81 U	
199-N-16	3/01/94	B09ZR9		74.00		.81 U
199-N-2	2/02/94	B09TC2	27.00		.81 U	
199-N-2	2/02/94	B09TC6		27.00		.81 U
199-N-23	2/25/94	B09ZS0	52.00		.81 U	
199-N-23	2/25/94	B09ZS1		39.00		.81 U
199-N-25	3/07/94	B09ZS2	34.00		.81 U	
199-N-25	3/07/94	B09ZS3		32.00		.81 U
199-N-26	2/23/94	B09ZS4	47.00		.81 U	
199-N-26	2/23/94	B09ZS5		48.00		.81 U
199-N-27	2/04/94	B09VN2	33.00		.81 U	
199-N-27	2/04/94	B09VN6		34.00		.81 U
199-N-29	2/04/94	B09VN7	24.00		.81 U	
199-N-29	2/04/94	B09VP1		23.00		.81 U
199-N-3	3/03/94	B09TC7	110.00		.81 U	
199-N-3	3/03/94	B09TD1		110.00		.81 U
199-N-32	3/03/94	B09VP2	26.00		.81 U	
199-N-32	3/03/94	B09VP6		25.00		.81 U
199-N-34	2/01/94	B09TD2	34.00 B		.81 U	
199-N-34	2/01/94	B09TD6		27.00 B		.81 U
199-N-41	2/07/94	B09VP7	18.00 L		.81 U	
199-N-41	2/07/94	B09VQ1		16.00 L		.81 U
199-N-50	3/02/94	B09ZR2	27.00		.81 U	
199-N-50	3/02/94	B09ZR3		21.00		.81 U
199-N-51	2/22/94	B09ZR4	25.00 Q		.81 U	
199-N-51	2/22/94	B09ZR5		26.00 Q		.81 U
199-N-57	2/01/94	B09TR1	150.00 B		.81 U	
199-N-64	3/04/94	B09ZR6	270.00		1.70 L	
199-N-67	2/02/94	B09TR6	92.00		.81 U	
199-N-69	2/02/94	B09TS1	17.00 L		.81 U	
199-N-69	2/02/94	B09TS2	17.00 L		.81 U	
199-N-69	2/02/94	B09TS9		16.00 L		.81 U
199-N-69	2/02/94	B09TT0		16.00 L		.81 U

Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 20)

Well Name	Collection Date	Sample Number	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	BERYLUM 34/ppb 1.5/.	FBERYLL 34/ppb 1.5/.
199-N-70	3/01/94	B0BGF7	28.00		.81 U	
199-N-70	3/01/94	B0BGG1		28.00		.81 U
199-N-71	2/01/94	B09TT9	16.00 LB		.81 U	
199-N-71	2/01/94	B09TV3		16.00 LB		.81 U
199-N-72	2/03/94	B09FH3	17.00 BL		.81 U	
199-N-72	2/03/94	B09FP0		17.00 BL		.81 U
199-N-72	2/03/94	B09TV4	18.00 BL		.81 U	
199-N-72	2/03/94	B09TV5		16.00 BL		.81 U
199-N-73	2/01/94	B09TW1	54.00 B		.81 U	
199-N-73	2/01/94	B09TW2		54.00 B		.81 U
199-N-74	2/04/94	B09W24	34.00		.81 U	
199-N-74	2/04/94	B09W25	34.00		.81 U	
199-N-74	2/04/94	B09W32		33.00		.81 U
199-N-74	2/04/94	B09W33		33.00		.81 U
199-N-75	2/01/94	B09TT4	25.00 B		.81 U	
199-N-75	2/01/94	B09TT8		25.00 B		.81 U
199-N-76	2/28/94	B09TV6	17.00 L		.81 U	
199-N-76	2/28/94	B09TW0		16.00 L		.81 U
199-N-77	2/01/94	B09TW3	16.00 LB		.81 U	
199-N-77	2/01/94	B09TW4		17.00 LB		.81 U
199-N-80	3/02/94	B09ZS9	29.00		.81 U	
199-N-80	3/02/94	B09ZT0		29.00		.81 U
199-N-81	2/02/94	B09VM7	43.00		.81 U	
199-N-81	2/02/94	B09VN1		26.00		.81 U

Well Name	Collection Date	Sample Number	BROMIDE 124/ppb 110/.	CADMIUM 34/ppb 3/10i	FCADMIU 34/ppb 3/10i	CALCIUM 34/ppb 47/.
199-N-14	2/28/94	B09TB7	52.80 U	4.70 U		27000.00
199-N-14	2/28/94	B09TC1			4.70 U	
199-N-16	3/01/94	B09ZR8	200.00 L	4.70 U		48000.00
199-N-16	3/01/94	B09ZR9			4.70 U	
199-N-2	2/02/94	B09TC2	52.80 U	4.70 U		35000.00
199-N-2	2/02/94	B09TC6			4.70 U	
199-N-23	2/25/94	B09ZS0	52.80 U	4.70 U		63000.00
199-N-23	2/25/94	B09ZS1			4.70 U	
199-N-25	3/07/94	B09ZS2	110.00 U	4.70 U		42000.00
199-N-25	3/07/94	B09ZS3			4.70 U	
199-N-26	2/23/94	B09ZS4	100.00 L	4.70 U		47000.00
199-N-26	2/23/94	B09ZS5			4.70 U	
199-N-27	2/04/94	B09VN2	52.80 U	4.70 U		52000.00 BQ
199-N-27	2/04/94	B09VN6			4.70 U	
199-N-29	2/04/94	B09VN7	52.80 U	4.70 U		41000.00 BQ
199-N-29	2/04/94	B09VP1			4.70 U	
199-N-3	3/03/94	B09TC7	100.00 L	4.70 U		120000.00
199-N-3	3/03/94	B09TD1			4.70 U	
199-N-32	3/03/94	B09VP2	52.80 U	4.70 U		34000.00
199-N-32	3/03/94	B09VP6			4.70 U	
199-N-34	2/01/94	B09TD2	52.80 U	4.70 U		44000.00 B

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Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 5 of 20)

Well Name	Collection Date	Sample Number	BROMIDE 124/ppb 110/.	CADMIUM 34/ppb 3/10i	FCADMIU 34/ppb 3/10i	CALCIUM 34/ppb 47/.
199-N-34	2/01/94	B09TD6			4.70 U	
199-N-41	2/07/94	B09VP7	52.80 U	4.70 U		27000.00
199-N-41	2/07/94	B09VQ1			4.70 U	
199-N-50	3/02/94	B09ZR2	52.80 U	4.70 U		26000.00
199-N-50	3/02/94	B09ZR3			4.70 U	
199-N-51	2/22/94	B09ZR4	52.80 U	4.70 U		27000.00
199-N-51	2/22/94	B09ZR5			4.70 U	
199-N-57	2/01/94	B09TR1	100.00 L	4.70 U		89000.00
199-N-64	3/04/94	B09ZR6	200.00 L	4.70 U		94000.00
199-N-67	2/02/94	B09TR6	52.80 U	3.90 L		38000.00
199-N-69	2/02/94	B09TS1	52.80 U	4.70 U		23000.00
199-N-69	2/02/94	B09TS2	52.80 U	4.70 U		23000.00
199-N-69	2/02/94	B09TS9			4.70 U	
199-N-69	2/02/94	B09TT0			4.70 U	
199-N-70	3/01/94	B0BGF7	52.80 U	4.70 U		31000.00
199-N-70	3/01/94	B0BGG1			4.70 U	
199-N-71	2/01/94	B09TT9	52.80 U	4.70 U		15000.00 B
199-N-71	2/01/94	B09TV3			4.70 U	
199-N-72	2/03/94	B09FH3	52.80 U	4.70 U		28000.00
199-N-72	2/03/94	B09FP0			4.70 U	
199-N-72	2/03/94	B09TV4	52.80 U	4.70 U		28000.00
199-N-72	2/03/94	B09TV5			4.70 U	
199-N-73	2/01/94	B09TW1	52.80 U	4.70 U		26000.00 B
199-N-73	2/01/94	B09TW2			4.70 U	
199-N-74	2/04/94	B09W24	52.80 U	4.70 U		48000.00 BQ
199-N-74	2/04/94	B09W25	52.80 U	4.70 U		48000.00 BQ
199-N-74	2/04/94	B09W32			4.70 U	
199-N-74	2/04/94	B09W33			4.70 U	
199-N-75	2/01/94	B09TT4	52.80 U	4.70 U		27000.00 B
199-N-75	2/01/94	B09TT8			4.70 U	
199-N-76	2/28/94	B09TV6	52.80 U	4.70 U		27000.00
199-N-76	2/28/94	B09TW0			4.70 U	
199-N-77	2/01/94	B09TW3	52.80 U	4.70 U		22000.00 B
199-N-77	2/01/94	B09TW4			4.70 U	
199-N-80	3/02/94	B09ZS9	52.80 U	4.70 U		31000.00
199-N-80	3/02/94	B09ZT0			4.70 U	
199-N-81	2/02/94	B09VM7	52.80 U	4.70 U		35000.00
199-N-81	2/02/94	B09VN1			4.70 U	

Well Name	Collection Date	Sample Number	FCALCIU 34/ppb 47/.	TETRANE 25/ppb .32/5	CS-137 140/pCi/L ./200	CHLORID 124/ppb 71/250000s
199-N-14	2/28/94	B09TB7			-2.69 U	1400.00
199-N-14	2/28/94	B09TC1	27000.00			
199-N-16	3/01/94	B09ZR8			-4.52 U	80000.00 D
199-N-16	3/01/94	B09ZR9	46000.00			
199-N-17	2/28/94	B09ZS6			.85 U	
199-N-2	2/02/94	B09TC2			6.00	1600.00
199-N-2	2/02/94	B09TC6	36000.00			

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Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 6 of 20)

Well Name	Collection Date	Sample Number	FCALCIU 34/ppb 47/.	TETRANE 25/ppb .32/5	CS-137 140/pCi/L ./200	CHLORID 124/ppb 71/250000s
199-N-21	2/28/94	B09ZS7			-.80 U	
199-N-23	2/25/94	B09ZS0			6.89	8700.00
199-N-23	2/25/94	B09ZS1	61000.00			
199-N-25	3/07/94	B09ZS2			5.11 U	9800.00
199-N-25	3/07/94	B09ZS3	39000.00			
199-N-26	2/23/94	B09ZS4			1.39 U	21000.00 D
199-N-26	2/23/94	B09ZS5	49000.00			
199-N-27	2/04/94	B09VN2			-4.42 U	6000.00
199-N-27	2/04/94	B09VN6	50000.00 BQ			
199-N-29	2/04/94	B09VN7			5.56	3600.00
199-N-29	2/04/94	B09VP1	41000.00 BQ			
199-N-3	3/03/94	B09TC7			2.41 U	18000.00 D
199-N-3	3/03/94	B09TD1	120000.00			
199-N-32	3/03/94	B09VP2			2.95 U	1700.00
199-N-32	3/03/94	B09VP6	34000.00			
199-N-34	2/01/94	B09TD2			.46 U	3800.00
199-N-34	2/01/94	B09TD6	45000.00 B			
199-N-41	2/07/94	B09VP7			-4.34 U	4200.00
199-N-41	2/07/94	B09VQ1	27000.00			
199-N-50	3/02/94	B09ZR2			.04 U	3300.00
199-N-50	3/02/94	B09ZR3	24000.00			
199-N-51	2/22/94	B09ZR4			-2.48 U	3600.00
199-N-51	2/22/94	B09ZR5	28000.00			
199-N-54	2/23/94	B09ZS8			8.41	
199-N-57	2/01/94	B09TR1			2.86 U	23000.00 D
199-N-64	3/04/94	B09ZR6			.46 U	21000.00 D
199-N-67	2/02/94	B09TR6			-.35 U	1600.00
199-N-69	2/02/94	B09TS1			-1.01 U	1200.00
199-N-69	2/02/94	B09TS2			2.81 U	1300.00
199-N-69	2/02/94	B09TS9	22000.00			
199-N-69	2/02/94	B09TT0	23000.00			
199-N-70	3/01/94	B0BGF7			2.89 U	3800.00
199-N-70	3/01/94	B0BGG1	31000.00			
199-N-71	2/01/94	B09TT9		.12 U		3200.00
199-N-71	2/01/94	B09TV3	15000.00 B			
199-N-72	2/03/94	B09FH3		.12 U		5700.00
199-N-72	2/03/94	B09FP0	27000.00			
199-N-72	2/03/94	B09TV4		.12 U		5700.00
199-N-72	2/03/94	B09TV5	27000.00			
199-N-73	2/01/94	B09TW1		.49 L		5700.00
199-N-73	2/01/94	B09TW2	26000.00 B			
199-N-74	2/04/94	B09W24			6.69	6300.00
199-N-74	2/04/94	B09W25			5.55	6300.00
199-N-74	2/04/94	B09W32	47000.00 BQ			
199-N-74	2/04/94	B09W33	48000.00 BQ			
199-N-75	2/01/94	B09TT4			1.22 U	1400.00
199-N-75	2/01/94	B09TT8	26000.00 B			
199-N-76	2/28/94	B09TV6			1.01 U	1900.00
199-N-76	2/28/94	B09TW0	27000.00			
199-N-77	2/01/94	B09TW3		.12 U		7300.00
199-N-77	2/01/94	B09TW4	23000.00 B			
199-N-80	3/02/94	B09ZS9			3.02 U	2500.00
199-N-80	3/02/94	B09ZT0	30000.00			
199-N-81	2/02/94	B09VM7			-1.32 U	3700.00
199-N-81	2/02/94	B09VN1	33000.00			

Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 7 of 20)

Well Name	Collection Date	Sample Number	CHLFORM 25/ppb .05/.	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COBALT 34/ppb 6.5/.
199-N-14	2/28/94	B09TB7		5.42 U		4.05 U
199-N-14	2/28/94	B09TC1			5.42 U	
199-N-16	3/01/94	B09ZR8		42.00		4.05 U
199-N-16	3/01/94	B09ZR9			5.42 U	
199-N-2	2/02/94	B09TC2		5.42 U		4.05 U
199-N-2	2/02/94	B09TC6			5.42 U	
199-N-23	2/25/94	B09ZS0		12.00 L		4.05 U
199-N-23	2/25/94	B09ZS1			5.42 U	
199-N-25	3/07/94	B09ZS2		5.42 U		4.05 U
199-N-25	3/07/94	B09ZS3			5.42 U	
199-N-26	2/23/94	B09ZS4		30.00		4.05 U
199-N-26	2/23/94	B09ZS5			5.42 U	
199-N-27	2/04/94	B09VN2		14.00 L		4.05 U
199-N-27	2/04/94	B09VN6			11.00 L	
199-N-29	2/04/94	B09VN7		5.42 U		4.05 U
199-N-29	2/04/94	B09VP1			5.42 U	
199-N-3	3/03/94	B09TC7		23.00		4.05 U
199-N-3	3/03/94	B09TD1			21.00	
199-N-32	3/03/94	B09VP2		5.42 U		4.05 U
199-N-32	3/03/94	B09VP6			5.42 U	
199-N-34	2/01/94	B09TD2		17.00 L		4.05 U
199-N-34	2/01/94	B09TD6			5.42 U	
199-N-41	2/07/94	B09VP7		14.00 L		4.05 U
199-N-41	2/07/94	B09VQ1			5.42 U	
199-N-50	3/02/94	B09ZR2		5.42 U		4.05 U
199-N-50	3/02/94	B09ZR3			16.00 L	
199-N-51	2/22/94	B09ZR4		13.00 L		4.05 U
199-N-51	2/22/94	B09ZR5			12.00 L	
199-N-57	2/01/94	B09TR1		96.00		4.05 U
199-N-64	3/04/94	B09ZR6		1300.00		18.00 L
199-N-67	2/02/94	B09TR6		56.00		4.05 U
199-N-69	2/02/94	B09TS1		49.00		4.05 U
199-N-69	2/02/94	B09TS2		56.00		4.05 U
199-N-69	2/02/94	B09TS9			5.42 U	
199-N-69	2/02/94	B09TT0			5.42 U	
199-N-70	3/01/94	B0BGF7		51.00		4.05 U
199-N-70	3/01/94	B0BGG1			5.42 U	
199-N-71	2/01/94	B09TT9	5.30	71.00		4.05 U
199-N-71	2/01/94	B09TV3			5.42 U	
199-N-72	2/03/94	B09FH3	32.00	33.00		4.05 U
199-N-72	2/03/94	B09FP0			5.42 U	
199-N-72	2/03/94	B09TV4	29.00	34.00		4.05 U
199-N-72	2/03/94	B09TV5			5.42 U	
199-N-73	2/01/94	B09TW1	7.60	76.00		4.05 U
199-N-73	2/01/94	B09TW2			5.42 U	
199-N-74	2/04/94	B09W24		110.00		4.05 U
199-N-74	2/04/94	B09W25		120.00		4.05 U
199-N-74	2/04/94	B09W32			15.00 L	
199-N-74	2/04/94	B09W33			14.00 L	
199-N-75	2/01/94	B09TT4		9.60 L		4.05 U
199-N-75	2/01/94	B09TT8			5.42 U	
199-N-76	2/28/94	B09TV6		21.00		4.05 U
199-N-76	2/28/94	B09TW0			5.42 U	

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Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 8 of 20)

Well Name	Collection Date	Sample Number	CHLFORM 25/ppb .05/.	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COBALT 34/ppb 6.5/.
199-N-77	2/01/94	B09TW3	33.00	27.00		4.05 U
199-N-77	2/01/94	B09TW4			7.30 L	
199-N-80	3/02/94	B09ZS9		180.00		4.05 U
199-N-80	3/02/94	B09ZT0			180.00	
199-N-81	2/02/94	B09VM7		150.00		4.05 U
199-N-81	2/02/94	B09VN1			5.42 U	

Well Name	Collection Date	Sample Number	FCOBALT 34/ppb 6.5/.	CO-60 140/pCi/L ./100	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s
199-N-14	2/28/94	B09TB7		7.19	3.90 BL	
199-N-14	2/28/94	B09TC1	4.05 U			2.65 U
199-N-16	3/01/94	B09ZR8		4.55 U	2.65 U	
199-N-16	3/01/94	B09ZR9	4.05 U			2.65 U
199-N-17	2/28/94	B09ZS6		.52 U		
199-N-2	2/02/94	B09TC2		3.96 U	2.65 U	
199-N-2	2/02/94	B09TC6	4.05 U			2.65 U
199-N-21	2/28/94	B09ZS7		6.12 U		
199-N-23	2/25/94	B09ZS0		-9.16 U	2.65 U	
199-N-23	2/25/94	B09ZS1	4.05 U			2.65 U
199-N-25	3/07/94	B09ZS2		2.91 U	2.65 U	
199-N-25	3/07/94	B09ZS3	4.05 U			2.65 U
199-N-26	2/23/94	B09ZS4		8.75	5.80 BL	
199-N-26	2/23/94	B09ZS5	4.05 U			2.65 U
199-N-27	2/04/94	B09VN2		10.50	2.65 U	
199-N-27	2/04/94	B09VN6	4.05 U			2.65 U
199-N-29	2/04/94	B09VN7		8.81	2.65 U	
199-N-29	2/04/94	B09VP1	4.05 U			2.65 U
199-N-3	3/03/94	B09TC7		9.79	3.90 L	
199-N-3	3/03/94	B09TD1	4.05 U			3.20 L
199-N-32	3/03/94	B09VP2		1.02 U	2.65 U	
199-N-32	3/03/94	B09VP6	4.05 U			2.65 U
199-N-34	2/01/94	B09TD2		3.24 U	8.90 L	
199-N-34	2/01/94	B09TD6	4.05 U			2.65 U
199-N-41	2/07/94	B09VP7		-.41 U	6.40 L	
199-N-41	2/07/94	B09VQ1	4.05 U			2.65 U
199-N-50	3/02/94	B09ZR2		4.29 U	2.65 U	
199-N-50	3/02/94	B09ZR3	14.00 L			8.20 L
199-N-51	2/22/94	B09ZR4		5.41	2.65 U	
199-N-51	2/22/94	B09ZR5	4.05 U			2.65 U
199-N-54	2/23/94	B09ZS8		-1.85 U		
199-N-57	2/01/94	B09TR1		3.93 U	30.00	
199-N-64	3/04/94	B09ZR6		5.55 U	90.00	
199-N-67	2/02/94	B09TR6		1.31 U	15.00 L	
199-N-69	2/02/94	B09TS1		2.83 UQ	2.65 U	
199-N-69	2/02/94	B09TS2		8.96 Q	2.65 U	
199-N-69	2/02/94	B09TS9	4.05 U			2.65 U
199-N-69	2/02/94	B09TT0	4.05 U			2.65 U
199-N-70	3/01/94	B0BGF7		8.56	2.65 U	
199-N-70	3/01/94	B0BGG1	4.05 U			2.65 U
199-N-71	2/01/94	B09TT9			5.70 L	
199-N-71	2/01/94	B09TV3	4.05 U			2.65 U

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Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 9 of 20)

Well Name	Collection Date	Sample Number	FCOBALT 34/ppb 6.5/.	CO-60 140/pCi/L ./100	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s
199-N-72	2/03/94	B09FH3			4.80 L	
199-N-72	2/03/94	B09FP0	4.05 U			2.65 U
199-N-72	2/03/94	B09TV4			4.80 L	
199-N-72	2/03/94	B09TV5	4.05 U			2.65 U
199-N-73	2/01/94	B09TW1			8.90 L	
199-N-73	2/01/94	B09TW2	4.05 U			2.65 U
199-N-74	2/04/94	B09W24		5.28 Q	4.90 L	
199-N-74	2/04/94	B09W25		2.45 UQ	6.10 L	
199-N-74	2/04/94	B09W32	4.05 U			2.65 U
199-N-74	2/04/94	B09W33	4.05 U			2.65 U
199-N-75	2/01/94	B09TT4		9.83	2.65 U	
199-N-75	2/01/94	B09TT8	4.05 U			2.65 U
199-N-76	2/28/94	B09TV6		9.27	2.65 U	
199-N-76	2/28/94	B09TW0	4.05 U			2.65 U
199-N-77	2/01/94	B09TW3			2.65 U	
199-N-77	2/01/94	B09TW4	4.05 U			2.65 U
199-N-80	3/02/94	B09ZS9		-4.16 U	2.65 U	
199-N-80	3/02/94	B09ZT0	4.05 U			2.65 U
199-N-81	2/02/94	B09VM7		-1.93 U	11.00 L	
199-N-81	2/02/94	B09VN1	4.05 U			2.65 U

Well Name	Collection Date	Sample Number	ETHBENZ 25/ppb .043/700	FLUORID 124/ppb 51/1400i	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.
199-N-14	2/28/94	B09TB7		400.00	.44 U	1600.00
199-N-16	3/01/94	B09ZR8		1100.00	6.37	7.25
199-N-17	2/28/94	B09ZS6			2.16	296.00
199-N-2	2/02/94	B09TC2		200.00	.15 U	202.00
199-N-21	2/28/94	B09ZS7			3.30	9.54
199-N-23	2/25/94	B09ZS0		1000.00	3.14	12.30
199-N-25	3/07/94	B09ZS2		1200.00	4.41	3.61
199-N-26	2/23/94	B09ZS4		1400.00	-.21 U	6.82
199-N-27	2/04/94	B09VN2		500.00	1.87	319.00
199-N-29	2/04/94	B09VN7		200.00	1.23	610.00
199-N-3	3/03/94	B09TC7		700.00	5.62	1330.00
199-N-32	3/03/94	B09VP2		400.00	2.04	14.90
199-N-34	2/01/94	B09TD2		100.00	1.02 U	67.90
199-N-41	2/07/94	B09VP7		200.00	.31 U	5.03
199-N-50	3/02/94	B09ZR2		500.00	1.25	6.59
199-N-51	2/22/94	B09ZR4		400.00	.61 U	4.68
199-N-54	2/23/94	B09ZS8			1.91 U	805.00
199-N-57	2/01/94	B09TR1		800.00	3.23	53.50
199-N-64	3/04/94	B09ZR6		500.00	1.93	7.54
199-N-67	2/02/94	B09TR6		300.00	4.05	7080.00
199-N-69	2/02/94	B09TS1		200.00 Q	.72 U	4.89 Q
199-N-69	2/02/94	B09TS2		300.00 Q	-.26 U	3.11 Q
199-N-70	3/01/94	B0BGF7		400.00	1.88	5.91
199-N-71	2/01/94	B09TT9	.05 U	800.00		
199-N-72	2/03/94	B09FH3	.05 U	800.00		
199-N-72	2/03/94	B09TV4	.05 U	800.00		
199-N-73	2/01/94	B09TW1	.09 BL	1500.00		
199-N-74	2/04/94	B09W24		600.00	2.33	3.88
199-N-74	2/04/94	B09W25		500.00	2.01	4.55
199-N-75	2/01/94	B09TT4		300.00	.55 U	2470.00

Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 10 of 20)

Well Name	Collection Date	Sample Number	ETHBENZ 25/ppb .043/700	FLUORID 124/ppb 51/1400i	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.
199-N-76	2/28/94	B09TV6		300.00	.79 U	142.00
199-N-77	2/01/94	B09TW3	.05 BL	700.00		
199-N-80	3/02/94	B09ZS9		700.00	2.84	6.29
199-N-81	2/02/94	B09VM7		200.00	1.51	894.00

Well Name	Collection Date	Sample Number	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i
199-N-14	2/28/94	B09TB7	36.00		.51 U	
199-N-14	2/28/94	B09TC1		10.30 U		.51 U
199-N-16	3/01/94	B09ZR8	11000.00			
199-N-16	3/01/94	B09ZR9		9700.00		
199-N-2	2/02/94	B09TC2	190.00 B		.60 BL	
199-N-2	2/02/94	B09TC6		10.30 U		1.70 BL
199-N-23	2/25/94	B09ZS0	350.00			
199-N-23	2/25/94	B09ZS1		22.00		
199-N-25	3/07/94	B09ZS2	1500.00			
199-N-25	3/07/94	B09ZS3		1100.00		
199-N-26	2/23/94	B09ZS4	330.00			
199-N-26	2/23/94	B09ZS5		32.00		
199-N-27	2/04/94	B09VN2	110.00 B		.68 L	
199-N-27	2/04/94	B09VN6		16.00 BL		.60 L
199-N-29	2/04/94	B09VN7	59.00 B		.51 U	
199-N-29	2/04/94	B09VP1		10.30 U		.51 U
199-N-3	3/03/94	B09TC7	1000.00		.60 L	
199-N-3	3/03/94	B09TD1		980.00		.60 L
199-N-32	3/03/94	B09VP2	1200.00		.51 U	
199-N-32	3/03/94	B09VP6		26.00		.51 U
199-N-34	2/01/94	B09TD2	1200.00 Q		.82 L	
199-N-34	2/01/94	B09TD6		79.00 Q		1.50 L
199-N-41	2/07/94	B09VP7	1200.00 B		.85 BL	
199-N-41	2/07/94	B09VQ1		93.00 B		6.00 B
199-N-50	3/02/94	B09ZR2	190.00			
199-N-50	3/02/94	B09ZR3		44.00		
199-N-51	2/22/94	B09ZR4	10.30 UQ			
199-N-51	2/22/94	B09ZR5		10.30 UQ		
199-N-57	2/01/94	B09TR1	19000.00 Q		14.00	
199-N-64	3/04/94	B09ZR6	34000.00			
199-N-67	2/02/94	B09TR6	8500.00 B		12.00 B	
199-N-69	2/02/94	B09TS1	230.00 B		.60 BL	
199-N-69	2/02/94	B09TS2	250.00 B		.51 U	
199-N-69	2/02/94	B09TS9		19.00 BL		.62 BL
199-N-69	2/02/94	B09TT0		29.00 B		.64 BL
199-N-70	3/01/94	B0BGF7	230.00		.51 U	
199-N-70	3/01/94	B0BGG1		50.00		.51 U
199-N-71	2/01/94	B09TT9	310.00 Q		.51 U	
199-N-71	2/01/94	B09TV3		34.00 Q		.51 U
199-N-72	2/03/94	B09FH3	250.00 Q		.69 LQ	
199-N-72	2/03/94	B09FP0		34.00 Q		5.50 Q
199-N-72	2/03/94	B09TV4	260.00 Q		1.60 LQ	
199-N-72	2/03/94	B09TV5		31.00 Q		2.20 LQ

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Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 11 of 20)

Well Name	Collection Date	Sample Number	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i
199-N-73	2/01/94	B09TW1	380.00 Q		.51 U	
199-N-73	2/01/94	B09TW2		34.00 Q		.51 U
199-N-74	2/04/94	B09W24	430.00 B		.81 LQ	
199-N-74	2/04/94	B09W25	500.00 B		.63 LQ	
199-N-74	2/04/94	B09W32		17.00 BL		.60 L
199-N-74	2/04/94	B09W33		16.00 BL		.51 U
199-N-75	2/01/94	B09TT4	52.00 Q		.51 U	
199-N-75	2/01/94	B09TT8		16.00 LQ		.51 U
199-N-76	2/28/94	B09TV6	150.00		.51 U	
199-N-76	2/28/94	B09TW0		10.30 U		.51 U
199-N-77	2/01/94	B09TW3	130.00 Q		1.10 L	
199-N-77	2/01/94	B09TW4		37.00 Q		.66 L
199-N-80	3/02/94	B09ZS9	46.00			
199-N-80	3/02/94	B09ZT0		10.30 U		
199-N-81	2/02/94	B09VM7	2500.00 B		2.20 BL	
199-N-81	2/02/94	B09VN1		25.00 B		1.50 BL

Well Name	Collection Date	Sample Number	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s
199-N-14	2/28/94	B09TB7	4400.00		1.30 L	
199-N-14	2/28/94	B09TC1		4300.00		1.35 U
199-N-16	3/01/94	B09ZR8	12000.00		290.00	
199-N-16	3/01/94	B09ZR9		12000.00		260.00
199-N-2	2/02/94	B09TC2	6700.00		2.70 L	
199-N-2	2/02/94	B09TC6		6800.00		1.35 U
199-N-23	2/25/94	B09ZS0	14000.00		11.00	
199-N-23	2/25/94	B09ZS1		13000.00		4.10 L
199-N-25	3/07/94	B09ZS2	9900.00		110.00 B	
199-N-25	3/07/94	B09ZS3		9700.00		120.00 B
199-N-26	2/23/94	B09ZS4	10000.00		7.40 L	
199-N-26	2/23/94	B09ZS5		11000.00		1.35 U
199-N-27	2/04/94	B09VN2	10000.00 Q		2.60 L	
199-N-27	2/04/94	B09VN6		9900.00 Q		1.35 U
199-N-29	2/04/94	B09VN7	7100.00 Q		1.35 U	
199-N-29	2/04/94	B09VP1		7000.00 Q		1.35 U
199-N-3	3/03/94	B09TC7	20000.00		30.00	
199-N-3	3/03/94	B09TD1		21000.00		31.00
199-N-32	3/03/94	B09VP2	9800.00		15.00	
199-N-32	3/03/94	B09VP6		9600.00		6.10 L
199-N-34	2/01/94	B09TD2	8200.00		40.00	
199-N-34	2/01/94	B09TD6		8100.00		6.80 L
199-N-41	2/07/94	B09VP7	6300.00		22.00	
199-N-41	2/07/94	B09VQ1		6400.00		3.20 L
199-N-50	3/02/94	B09ZR2	7600.00		2.90 L	
199-N-50	3/02/94	B09ZR3		6700.00		2.50 L
199-N-51	2/22/94	B09ZR4	8200.00		1.35 U	
199-N-51	2/22/94	B09ZR5		8300.00		1.35 U
199-N-57	2/01/94	B09TR1	19000.00		180.00	
199-N-64	3/04/94	B09ZR6	23000.00		730.00 B	
199-N-67	2/02/94	B09TR6	7100.00		120.00	
199-N-69	2/02/94	B09TS1	4500.00		4.20 L	

Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 12 of 20)

Well Name	Collection Date	Sample Number	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s
199-N-69	2/02/94	B09TS2	4500.00		3.80 L	
199-N-69	2/02/94	B09TS9		4400.00		1.35 U
199-N-69	2/02/94	B09TT0		4500.00		1.35 U
199-N-70	3/01/94	B0BGF7	8700.00		5.20 L	
199-N-70	3/01/94	B0BGG1		8700.00		1.50 L
199-N-71	2/01/94	B09TT9	4200.00		6.90 L	
199-N-71	2/01/94	B09TV3		4100.00		1.35 U
199-N-72	2/03/94	B09FH3	5400.00		5.50 L	
199-N-72	2/03/94	B09FP0		5300.00		2.20 L
199-N-72	2/03/94	B09TV4	5300.00		5.70 L	
199-N-72	2/03/94	B09TV5		5200.00		1.80 L
199-N-73	2/01/94	B09TW1	5100.00		10.00	
199-N-73	2/01/94	B09TW2		5100.00		3.50 L
199-N-74	2/04/94	B09W24	15000.00 Q		10.00	
199-N-74	2/04/94	B09W25	15000.00 Q		12.00	
199-N-74	2/04/94	B09W32		15000.00 Q		1.35 U
199-N-74	2/04/94	B09W33		15000.00 Q		1.35 U
199-N-75	2/01/94	B09TT4	4200.00		1.35 U	
199-N-75	2/01/94	B09TT8		4200.00		1.35 U
199-N-76	2/28/94	B09TV6	4400.00		4.60 L	
199-N-76	2/28/94	B09TW0		4400.00		1.35 U
199-N-77	2/01/94	B09TW3	4800.00		3.20 L	
199-N-77	2/01/94	B09TW4		5000.00		1.35 U
199-N-80	3/02/94	B09ZS9	14000.00		29.00	
199-N-80	3/02/94	B09ZT0		14000.00		27.00
199-N-81	2/02/94	B09VM7	6900.00		56.00	
199-N-81	2/02/94	B09VN1		6400.00		6.50 L

Well Name	Collection Date	Sample Number	MERCURY 41/ppb .095/2	FMERCUR 41/ppb .095/2	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.
199-N-14	2/28/94	B09TB7	.16 U		17.90 U	
199-N-14	2/28/94	B09TC1		.36		17.90 U
199-N-16	3/01/94	B09ZR8			22.00 L	
199-N-16	3/01/94	B09ZR9				17.90 U
199-N-2	2/02/94	B09TC2	.16 U		17.90 U	
199-N-2	2/02/94	B09TC6		.16 U		17.90 U
199-N-23	2/25/94	B09ZS0			23.00 L	
199-N-23	2/25/94	B09ZS1				17.90 U
199-N-25	3/07/94	B09ZS2			17.90 U	
199-N-25	3/07/94	B09ZS3				17.90 U
199-N-26	2/23/94	B09ZS4			17.90 U	
199-N-26	2/23/94	B09ZS5				17.90 U
199-N-27	2/04/94	B09VN2			17.90 U	
199-N-27	2/04/94	B09VN6				17.90 U
199-N-29	2/04/94	B09VN7			17.90 U	
199-N-29	2/04/94	B09VP1				17.90 U
199-N-3	3/03/94	B09TC7	.16 U		17.90 U	
199-N-3	3/03/94	B09TD1		.16 U		17.90 U
199-N-32	3/03/94	B09VP2			17.90 U	
199-N-32	3/03/94	B09VP6				17.90 U

Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 13 of 20)

Well Name	Collection Date	Sample Number	MERCURY 41/ppb .095/2	FMERCUR 41/ppb .095/2	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.
199-N-34	2/01/94	B09TD2	.16 U		17.90 U	
199-N-34	2/01/94	B09TD6		.16 U		17.90 U
199-N-41	2/07/94	B09VP7			17.90 U	
199-N-41	2/07/94	B09VQ1				17.90 U
199-N-50	3/02/94	B09ZR2			17.90 U	
199-N-50	3/02/94	B09ZR3				17.90 U
199-N-51	2/22/94	B09ZR4			17.90 U	
199-N-51	2/22/94	B09ZR5				17.90 U
199-N-57	2/01/94	B09TR1	.16 U		46.00	
199-N-64	3/04/94	B09ZR6			220.00	
199-N-67	2/02/94	B09TR6	.16 U		40.00	
199-N-69	2/02/94	B09TS1	.16 U		37.00	
199-N-69	2/02/94	B09TS2	.16 U		17.90 U	
199-N-69	2/02/94	B09TS9		.16 U		17.90 U
199-N-69	2/02/94	B09TT0		.16 U		17.90 U
199-N-70	3/01/94	B0BGF7			24.00 L	
199-N-70	3/01/94	B0BGG1				17.90 U
199-N-71	2/01/94	B09TT9			33.00	
199-N-71	2/01/94	B09TV3				17.90 U
199-N-72	2/03/94	B09FH3			17.90 UQ	
199-N-72	2/03/94	B09FP0				17.90 U
199-N-72	2/03/94	B09TV4			28.00 LQ	
199-N-72	2/03/94	B09TV5				17.90 U
199-N-73	2/01/94	B09TW1			35.00	
199-N-73	2/01/94	B09TW2				17.90 U
199-N-74	2/04/94	B09W24			47.00	
199-N-74	2/04/94	B09W25			50.00	
199-N-74	2/04/94	B09W32				17.90 U
199-N-74	2/04/94	B09W33				17.90 U
199-N-75	2/01/94	B09TT4	.16 U		17.90 U	
199-N-75	2/01/94	B09TT8		.16 U		17.90 U
199-N-76	2/28/94	B09TV6	.16 U		17.90 U	
199-N-76	2/28/94	B09TW0		.16 U		17.90 U
199-N-77	2/01/94	B09TW3			17.90 U	
199-N-77	2/01/94	B09TW4				17.90 U
199-N-80	3/02/94	B09ZS9			17.90 U	
199-N-80	3/02/94	B09ZT0				17.90 U
199-N-81	2/02/94	B09VM7	.16 U		88.00	
199-N-81	2/02/94	B09VN1		.16 U		17.90 U

Well Name	Collection Date	Sample Number	NITRATE 124/ppb 96/45000	NITRITE 124/ppb 110/1000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.
199-N-14	2/28/94	B09TB7	11000.00 D	38.30 U	1900.00	
199-N-14	2/28/94	B09TC1				1600.00
199-N-16	3/01/94	B09ZR8	25000.00 D	38.30 U	7800.00	
199-N-16	3/01/94	B09ZR9				7500.00
199-N-2	2/02/94	B09TC2	48000.00 D	38.30 U	2100.00	

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Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 14 of 20)

Well Name	Collection Date	Sample Number	NITRATE 124/ppb 96/45000	NITRITE 124/ppb 110/1000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.
199-N-2	2/02/94	B09TC6				2200.00
199-N-23	2/25/94	B09ZS0	13000.00 DH	38.30 UH	6400.00	
199-N-23	2/25/94	B09ZS1				6300.00
199-N-25	3/07/94	B09ZS2	6400.00	110.00 U	4200.00	
199-N-25	3/07/94	B09ZS3				4500.00
199-N-26	2/23/94	B09ZS4	65000.00 D	38.30 U	6000.00	
199-N-26	2/23/94	B09ZS5				5900.00
199-N-27	2/04/94	B09VN2	18000.00 D	38.30 U	3100.00	
199-N-27	2/04/94	B09VN6				3300.00
199-N-29	2/04/94	B09VN7	12000.00 D	38.30 U	2500.00	
199-N-29	2/04/94	B09VP1				2700.00
199-N-3	3/03/94	B09TC7	39000.00 D	38.30 U	3700.00	
199-N-3	3/03/94	B09TD1				3700.00
199-N-32	3/03/94	B09VP2	37000.00 D	38.30 U	3700.00	
199-N-32	3/03/94	B09VP6				3300.00
199-N-34	2/01/94	B09TD2	14000.00 D	38.30 U	3500.00 B	
199-N-34	2/01/94	B09TD6				3700.00 B
199-N-41	2/07/94	B09VP7	11000.00 D	38.30 U	2800.00	
199-N-41	2/07/94	B09VQ1				3100.00
199-N-50	3/02/94	B09ZR2	12000.00 D	38.30 U	3300.00	
199-N-50	3/02/94	B09ZR3				4700.00
199-N-51	2/22/94	B09ZR4	12000.00 DH	38.30 UH	3400.00	
199-N-51	2/22/94	B09ZR5				3100.00
199-N-57	2/01/94	B09TR1	15000.00 D	38.30 U	7300.00 B	
199-N-64	3/04/94	B09ZR6	28000.00 DH	110.00 UH	7900.00	
199-N-67	2/02/94	B09TR6	15000.00 D	38.30 U	3300.00	
199-N-69	2/02/94	B09TS1	7100.00	38.30 U	1400.00	
199-N-69	2/02/94	B09TS2	7200.00	38.30 U	1800.00	
199-N-69	2/02/94	B09TS9				1500.00
199-N-69	2/02/94	B09TT0				2000.00
199-N-70	3/01/94	B0BGF7	17000.00 D	38.30 U	3200.00	
199-N-70	3/01/94	B0BGG1				3500.00
199-N-71	2/01/94	B09TT9	2100.00	38.30 U	3800.00 B	
199-N-71	2/01/94	B09TV3				3600.00 B
199-N-72	2/03/94	B09FH3	800.00	38.30 U	4300.00 B	
199-N-72	2/03/94	B09FP0				3700.00 B
199-N-72	2/03/94	B09TV4	800.00	38.30 U	4300.00 B	
199-N-72	2/03/94	B09TV5				3900.00 B
199-N-73	2/01/94	B09TW1	3400.00	38.30 U	3300.00 B	
199-N-73	2/01/94	B09TW2				3300.00 B
199-N-74	2/04/94	B09W24	8800.00	38.30 U	4500.00	
199-N-74	2/04/94	B09W25	8700.00	38.30 U	4400.00	
199-N-74	2/04/94	B09W32				4400.00
199-N-74	2/04/94	B09W33				4200.00
199-N-75	2/01/94	B09TT4	7000.00	38.30 U	1700.00 B	
199-N-75	2/01/94	B09TT8				1700.00 B
199-N-76	2/28/94	B09TV6	7600.00	38.30 U	2000.00	
199-N-76	2/28/94	B09TW0				1700.00
199-N-77	2/01/94	B09TW3	1500.00	38.30 U	2800.00 B	
199-N-77	2/01/94	B09TW4				2800.00 B
199-N-80	3/02/94	B09ZS9	8800.00	38.30 U	3800.00	
199-N-80	3/02/94	B09ZT0				3900.00
199-N-81	2/02/94	B09VM7	15000.00 D	300.00 F	4100.00	
199-N-81	2/02/94	B09VN1				3900.00

Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 15 of 20)

Well Name	Collection Date	Sample Number	RADIUM 137/pCi/L ./5i	RU-106 140/pCi/L ./30	SELENUM 48/ppb 1.4/10i	FSELENI 48/ppb 1.4/10i
199-N-14	2/28/94	B09TB7	-.00 U	-36.80 U	2.00 L	
199-N-14	2/28/94	B09TC1				1.21 U
199-N-16	3/01/94	B09ZR8		-13.70 U		
199-N-17	2/28/94	B09ZS6		21.20 U		
199-N-2	2/02/94	B09TC2	.07 U	4.32 U	1.21 U	
199-N-2	2/02/94	B09TC6				1.21 U
199-N-21	2/28/94	B09ZS7		-31.00 U		
199-N-23	2/25/94	B09ZS0		-11.10 U		
199-N-25	3/07/94	B09ZS2		-33.10 U		
199-N-26	2/23/94	B09ZS4		4.36 U		
199-N-27	2/04/94	B09VN2		23.90 U		
199-N-29	2/04/94	B09VN7		-5.07 U		
199-N-3	3/03/94	B09TC7	.10 U	29.50 U	1.21 U	
199-N-3	3/03/94	B09TD1				1.21 U
199-N-32	3/03/94	B09VP2		7.95 U		
199-N-34	2/01/94	B09TD2	.04 U	37.90 U	1.21 U	
199-N-34	2/01/94	B09TD6				1.21 U
199-N-41	2/07/94	B09VP7		-12.00 U		
199-N-50	3/02/94	B09ZR2		-14.50 U		
199-N-51	2/22/94	B09ZR4		40.30 U		
199-N-54	2/23/94	B09ZS8		-12.30 U		
199-N-57	2/01/94	B09TR1	.06 U	16.60 U	1.21 U	
199-N-64	3/04/94	B09ZR6		-25.10 U		
199-N-67	2/02/94	B09TR6	.06 U	62.50	1.21 U	
199-N-69	2/02/94	B09TS1	.09 UQ	39.70 U	1.21 U	
199-N-69	2/02/94	B09TS2	.15 Q	21.30 U	1.21 U	
199-N-69	2/02/94	B09TS9				1.21 U
199-N-69	2/02/94	B09TT0				1.21 U
199-N-70	3/01/94	B0BGF7		6.01 U		
199-N-74	2/04/94	B09W24		-16.70 U		
199-N-74	2/04/94	B09W25		-17.40 U		
199-N-75	2/01/94	B09TT4	.09 U	1.44 U	1.21 U	
199-N-75	2/01/94	B09TT8				1.21 U
199-N-76	2/28/94	B09TV6	.04 U	-39.00 U	1.21 U	
199-N-76	2/28/94	B09TW0				1.21 U
199-N-80	3/02/94	B09ZS9		31.20 U		
199-N-81	2/02/94	B09VM7	.16	6.41 U	1.21 U	
199-N-81	2/02/94	B09VN1				1.21 U

Well Name	Collection Date	Sample Number	SILVER 34/ppb 3.4/50i	FSILVER 34/ppb 3.4/50i	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.
199-N-14	2/28/94	B09TB7	2.87 U		3300.00	
199-N-14	2/28/94	B09TC1		2.87 U		3300.00
199-N-16	3/01/94	B09ZR8	2.87 U		170000.00	
199-N-16	3/01/94	B09ZR9		2.87 U		160000.00
199-N-2	2/02/94	B09TC2	2.87 U		2900.00	
199-N-2	2/02/94	B09TC6		2.87 U		2900.00
199-N-23	2/25/94	B09ZS0	2.87 U		130000.00	
199-N-23	2/25/94	B09ZS1		2.87 U		130000.00

Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 16 of 20)

Well Name	Collection Date	Sample Number	SILVER 34/ppb 3.4/50i	FSILVER 34/ppb 3.4/50i	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.
199-N-25	3/07/94	B09ZS2	2.87 U		160000.00	
199-N-25	3/07/94	B09ZS3		2.87 U		160000.00
199-N-26	2/23/94	B09ZS4	4.30 L		110000.00	
199-N-26	2/23/94	B09ZS5		2.87 U		110000.00
199-N-27	2/04/94	B09VN2	2.87 U		7900.00 BQ	
199-N-27	2/04/94	B09VN6		2.87 U		7500.00 BQ
199-N-29	2/04/94	B09VN7	2.87 U		3200.00 BQ	
199-N-29	2/04/94	B09VP1		2.87 U		3200.00 BQ
199-N-3	3/03/94	B09TC7	2.87 U		15000.00	
199-N-3	3/03/94	B09TD1		2.87 U		15000.00
199-N-32	3/03/94	B09VP2	2.87 U		3600.00	
199-N-32	3/03/94	B09VP6		2.87 U		3500.00
199-N-34	2/01/94	B09TD2	2.87 U		3800.00 B	
199-N-34	2/01/94	B09TD6		2.87 U		3800.00 B
199-N-41	2/07/94	B09VP7	2.87 U		4300.00	
199-N-41	2/07/94	B09VQ1		2.87 U		4400.00
199-N-50	3/02/94	B09ZR2	2.87 U		6800.00	
199-N-50	3/02/94	B09ZR3		15.00 L		5800.00
199-N-51	2/22/94	B09ZR4	2.87 U		8400.00	
199-N-51	2/22/94	B09ZR5		2.87 U		8500.00
199-N-57	2/01/94	B09TR1	2.87 U		76000.00 B	
199-N-64	3/04/94	B09ZR6	2.87 U		14000.00	
199-N-67	2/02/94	B09TR6	2.87 U		4300.00	
199-N-69	2/02/94	B09TS1	2.87 U		2700.00	
199-N-69	2/02/94	B09TS2	2.87 U		2600.00	
199-N-69	2/02/94	B09TS9		2.87 U		2600.00
199-N-69	2/02/94	B09TT0		2.87 U		2600.00
199-N-70	3/01/94	B0BGF7	2.87 U		6300.00	
199-N-70	3/01/94	B0BGG1		2.87 U		6200.00
199-N-71	2/01/94	B09TT9	2.87 U		37000.00 B	
199-N-71	2/01/94	B09TV3		2.87 U		37000.00 B
199-N-72	2/03/94	B09FH3	2.87 U		18000.00 BQ	
199-N-72	2/03/94	B09FP0		2.87 U		18000.00 BQ
199-N-72	2/03/94	B09TV4	2.87 U		17000.00 BQ	
199-N-72	2/03/94	B09TV5		2.87 U		17000.00 BQ
199-N-73	2/01/94	B09TW1	2.87 U		240000.00 B	
199-N-73	2/01/94	B09TW2		2.87 U		240000.00 B
199-N-74	2/04/94	B09W24	2.87 U		16000.00 BQ	
199-N-74	2/04/94	B09W25	2.87 U		16000.00 BQ	
199-N-74	2/04/94	B09W32		2.87 U		16000.00 BQ
199-N-74	2/04/94	B09W33		2.87 U		15000.00 BQ
199-N-75	2/01/94	B09TT4	2.87 U		2600.00 B	
199-N-75	2/01/94	B09TT8		2.87 U		2600.00 B
199-N-76	2/28/94	B09TV6	3.60 L		2700.00	
199-N-76	2/28/94	B09TW0		2.87 U		2800.00
199-N-77	2/01/94	B09TW3	2.87 U		17000.00 B	
199-N-77	2/01/94	B09TW4		2.87 U		18000.00 B
199-N-80	3/02/94	B09ZS9	2.87 U		24000.00	
199-N-80	3/02/94	B09ZT0		2.87 U		23000.00
199-N-81	2/02/94	B09VM7	2.87 U		5100.00	
199-N-81	2/02/94	B09VN1		2.87 U		5000.00

9413280.1696

Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 17 of 20)

Well Name	Collection Date	Sample Number	SR-90 141/pCi/L ./8	SULFATE 124/ppb 89/250000s	TIN 34/ppb 24/.	FTIN 34/ppb 24/.
199-N-14	2/28/94	B09TB7	1080.00	13000.00 D	51.10 U	
199-N-14	2/28/94	B09TC1				51.10 U
199-N-16	3/01/94	B09ZR8	-.09 U	140000.00 D	36.00 L	
199-N-16	3/01/94	B09ZR9				51.10 U
199-N-17	2/28/94	B09ZS6	203.00			
199-N-2	2/02/94	B09TC2	139.00	15000.00 D	51.10 U	
199-N-2	2/02/94	B09TC6				51.10 U
199-N-21	2/28/94	B09ZS7	1.33			
199-N-23	2/25/94	B09ZS0	-.06 U	320000.00 BD	51.10 U	
199-N-23	2/25/94	B09ZS1				51.10 U
199-N-25	3/07/94	B09ZS2	.11 U	290000.00 D	51.10 U	
199-N-25	3/07/94	B09ZS3				51.10 U
199-N-26	2/23/94	B09ZS4	-.08 U	150000.00 D	58.00 BL	
199-N-26	2/23/94	B09ZS5				51.10 U
199-N-27	2/04/94	B09VN2	166.00	74000.00 D	51.10 U	
199-N-27	2/04/94	B09VN6				51.10 U
199-N-29	2/04/94	B09VN7	326.00	49000.00 D	51.10 U	
199-N-29	2/04/94	B09VP1				51.10 U
199-N-3	3/03/94	B09TC7	731.00	140000.00 BD	51.10 U	
199-N-3	3/03/94	B09TD1				38.00 L
199-N-32	3/03/94	B09VP2	1.61	19000.00 BD	51.10 U	
199-N-32	3/03/94	B09VP6				29.00 L
199-N-34	2/01/94	B09TD2	40.60	66000.00 D	51.10 U	
199-N-34	2/01/94	B09TD6				51.10 U
199-N-41	2/07/94	B09VP7	.30	25000.00 D	51.10 U	
199-N-41	2/07/94	B09VQ1				51.10 U
199-N-50	3/02/94	B09ZR2	-.05 U	23000.00 BD	51.10 U	
199-N-50	3/02/94	B09ZR3				44.00 L
199-N-51	2/22/94	B09ZR4	.00 U	30000.00 DQ	51.10 U	
199-N-51	2/22/94	B09ZR5				51.10 U
199-N-54	2/23/94	B09ZS8	396.00			
199-N-57	2/01/94	B09TR1	25.90	280000.00 D	51.10 U	
199-N-64	3/04/94	B09ZR6	.06 U	150000.00 D	51.10 U	
199-N-67	2/02/94	B09TR6	4030.00	13000.00 D	51.10 U	
199-N-69	2/02/94	B09TS1	1.01 Q	12000.00 D	51.10 U	
199-N-69	2/02/94	B09TS2	.06 UQ	12000.00 D	51.10 U	
199-N-69	2/02/94	B09TS9				51.10 U
199-N-69	2/02/94	B09TT0				51.10 U
199-N-70	3/01/94	B0BGF7	-.12 U	34000.00 D	51.10 U	
199-N-70	3/01/94	B0BGG1				51.10 U
199-N-71	2/01/94	B09TT9		25000.00 D	51.10 U	
199-N-71	2/01/94	B09TV3				51.10 U
199-N-72	2/03/94	B09FH3		46000.00 D	51.10 U	
199-N-72	2/03/94	B09FP0				51.10 U
199-N-72	2/03/94	B09TV4		47000.00 D	51.10 U	
199-N-72	2/03/94	B09TV5				51.10 U
199-N-73	2/01/94	B09TW1		520000.00 D	51.10 U	
199-N-73	2/01/94	B09TW2				51.10 U
199-N-74	2/04/94	B09W24	-.02 U	100000.00 D	51.10 U	
199-N-74	2/04/94	B09W25	.13 U	100000.00 D	51.10 U	
199-N-74	2/04/94	B09W32				51.10 U
199-N-74	2/04/94	B09W33				51.10 U
199-N-75	2/01/94	B09TT4	1490.00	12000.00 D	51.10 U	
199-N-75	2/01/94	B09TT8				51.10 U

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Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 18 of 20)

Well Name	Collection Date	Sample Number	SR-90 141/pCi/L ./8	SULFATE 124/ppb 89/250000s	TIN 34/ppb 24/.	FTIN 34/ppb 24/.
199-N-76	2/28/94	B09TV6	87.50	11000.00 D	51.10 U	
199-N-76	2/28/94	B09TW0				33.00 BL
199-N-77	2/01/94	B09TW3		37000.00 D	51.10 U	
199-N-77	2/01/94	B09TW4				51.10 U
199-N-80	3/02/94	B09ZS9	.29	41000.00 BD	41.00 L	
199-N-80	3/02/94	B09ZT0				35.00 L
199-N-81	2/02/94	B09VM7	534.00	34000.00 D	51.10 U	
199-N-81	2/02/94	B09VN1				51.10 U

Well Name	Collection Date	Sample Number	TC 127/ppb 320/.	TDS 65/ppm 10/500s	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.
199-N-14	2/28/94	B09TB7			67800.00	.44
199-N-16	3/01/94	B09ZR8			327.00	11.00
199-N-17	2/28/94	B09ZS6			5140.00	
199-N-2	2/02/94	B09TC2			28800.00	.43 Q
199-N-21	2/28/94	B09ZS7			1030.00	
199-N-23	2/25/94	B09ZS0			2040.00	2.40 H
199-N-25	3/02/94	B09ZS2			1010.00	12.00 H
199-N-25	3/07/94	B09ZS2			1010.00	12.00 H
199-N-26	2/23/94	B09ZS4			186.00 U	3.10
199-N-27	2/04/94	B09VN2			33500.00	.89 Q
199-N-29	2/04/94	B09VN7			24400.00	.39 Q
199-N-3	3/03/94	B09TC7			17600.00	21.00
199-N-32	3/03/94	B09VP2			71700.00	3.70
199-N-34	2/01/94	B09TD2			25700.00	2.80
199-N-41	2/07/94	B09VP7			25000.00	1.70
199-N-50	3/02/94	B09ZR2			26900.00	
199-N-51	2/22/94	B09ZR4			25200.00	.28 HQ
199-N-54	2/23/94	B09ZS8			8520.00	
199-N-57	2/01/94	B09TR1			3720.00	180.00
199-N-64	3/04/94	B09ZR6			17600.00	
199-N-67	2/02/94	B09TR6			31800.00	780.00 Q
199-N-69	2/02/94	B09TS1			32700.00	1.90 Q
199-N-69	2/02/94	B09TS2			32700.00	1.80 Q
199-N-70	3/01/94	B0BGF7			38600.00	.51
199-N-71	2/01/94	B09TT9	27000.00 BQ	180.00		.80
199-N-72	2/03/94	B09FH3	18000.00 BQ	190.00 B		1.30 Q
199-N-72	2/03/94	B09TV4	18000.00 BQ	200.00 B		1.40 Q
199-N-73	2/01/94	B09TW1	19000.00 BQ	890.00		1.50
199-N-74	2/04/94	B09W24			21500.00	2.10 Q
199-N-74	2/04/94	B09W25			21100.00	2.20 Q
199-N-75	2/01/94	B09TT4			68800.00	1.00
199-N-76	2/28/94	B09TV6			52000.00	1.80
199-N-77	2/01/94	B09TW3	17000.00 BQ	200.00		1.00
199-N-80	3/02/94	B09ZS9			48500.00	.65
199-N-81	2/02/94	B09VM7			43200.00	89.00 Q

9413280.1698

Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 19 of 20)

Well Name	Collection Date	Sample Number	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	XYLENE 25/ppb .2/10000	ZINC 34/ppb 4.4/5000s
199-N-14	2/28/94	B09TB7	6.70 L			8.50 L
199-N-14	2/28/94	B09TC1		8.40 L		
199-N-16	3/01/94	B09ZR8	3.84 U			6.30 L
199-N-16	3/01/94	B09ZR9		3.84 U		
199-N-2	2/02/94	B09TC2	3.84 U			8.40 BL
199-N-2	2/02/94	B09TC6		3.84 U		
199-N-23	2/25/94	B09ZS0	24.00 BL			5.40 L
199-N-23	2/25/94	B09ZS1		22.00 BL		
199-N-25	3/07/94	B09ZS2	9.60 L			53.00
199-N-25	3/07/94	B09ZS3		9.60 L		
199-N-26	2/23/94	B09ZS4	16.00 L			3.44 U
199-N-26	2/23/94	B09ZS5		15.00 L		
199-N-27	2/04/94	B09VN2	6.80 L			3.90 BLQ
199-N-27	2/04/94	B09VN6		9.50 L		
199-N-29	2/04/94	B09VN7	9.50 L			24.00 BQ
199-N-29	2/04/94	B09VP1		8.40 L		
199-N-3	3/03/94	B09TC7	3.84 U			22.00
199-N-3	3/03/94	B09TD1		3.84 U		
199-N-32	3/03/94	B09VP2	15.00 L			10.00
199-N-32	3/03/94	B09VP6		13.00 L		
199-N-34	2/01/94	B09TD2	7.60 L			45.00 B
199-N-34	2/01/94	B09TD6		6.80 L		
199-N-41	2/07/94	B09VP7	19.00 L			11.00 B
199-N-41	2/07/94	B09VQ1		17.00 L		
199-N-50	3/02/94	B09ZR2	41.00 B			4.70 L
199-N-50	3/02/94	B09ZR3		44.00 B		
199-N-51	2/22/94	B09ZR4	26.00 L			3.44 U
199-N-51	2/22/94	B09ZR5		27.00 L		
199-N-57	2/01/94	B09TR1	46.00			650.00 B
199-N-64	3/04/94	B09ZR6	77.00			300.00
199-N-67	2/02/94	B09TR6	16.00 L			87.00 B
199-N-69	2/02/94	B09TS1	3.84 U			3.20 BL
199-N-69	2/02/94	B09TS2	3.84 U			4.80 BL
199-N-69	2/02/94	B09TS9		3.84 U		
199-N-69	2/02/94	B09TT0		3.84 U		
199-N-70	3/01/94	B0BGF7	19.00 L			5.60 L
199-N-70	3/01/94	B0BGG1		21.00 L		
199-N-71	2/01/94	B09TT9	33.00		.20 U	7.60 LB
199-N-71	2/01/94	B09TV3		31.00		
199-N-72	2/03/94	B09FH3	12.00 L		.20 U	9.40 BLQ
199-N-72	2/03/94	B09FP0		10.00 L		
199-N-72	2/03/94	B09TV4	11.00 L		.20 U	6.70 BLQ
199-N-72	2/03/94	B09TV5		10.00 L		
199-N-73	2/01/94	B09TW1	11.00 L		.20 U	6.40 LB
199-N-73	2/01/94	B09TW2		13.00 L		
199-N-74	2/04/94	B09W24	23.00 L			2.50 BLQ
199-N-74	2/04/94	B09W25	22.00 L			9.00 BLQ
199-N-74	2/04/94	B09W32		22.00 L		
199-N-74	2/04/94	B09W33		18.00 L		
199-N-75	2/01/94	B09TT4	3.84 U			10.00 B
199-N-75	2/01/94	B09TT8		3.84 U		
199-N-76	2/28/94	B09TV6	3.84 U			10.00
199-N-76	2/28/94	B09TW0		3.84 U		
199-N-77	2/01/94	B09TW3	11.00 L		.23 L	6.00 LB
199-N-77	2/01/94	B09TW4		11.00 L		
199-N-80	3/02/94	B09ZS9	25.00 BL			9.60 L
199-N-80	3/02/94	B09ZT0		25.00 BL		

Table 4-4. Constituents with at Least One Detected Value for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 20 of 20)

Well Name	Collection Date	Sample Number	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	XYLENE 25/ppb .2/10000	ZINC 34/ppb 4.4/5000s
199-N-81	2/02/94	B09VM7	11.00 L			30.00 B
199-N-81	2/02/94	B09VN1		3.84 U		

Well Name	Collection Date	Sample Number	FZINC 34/ppb 4.4/5000s
199-N-14	2/28/94	B09TC1	4.60 L
199-N-16	3/01/94	B09ZR9	3.44 U
199-N-2	2/02/94	B09TC6	5.50 BL
199-N-23	2/25/94	B09ZS1	5.40 L
199-N-25	3/07/94	B09ZS3	35.00
199-N-26	2/23/94	B09ZS5	3.44 U
199-N-27	2/04/94	B09VN6	4.90 BLQ
199-N-29	2/04/94	B09VP1	17.00 BQ
199-N-3	3/03/94	B09TD1	24.00
199-N-32	3/03/94	B09VP6	3.44 U
199-N-34	2/01/94	B09TD6	20.00 B
199-N-41	2/07/94	B09VQ1	1.60 BL
199-N-50	3/02/94	B09ZR3	5.70 L
199-N-51	2/22/94	B09ZR5	3.44 U
199-N-69	2/02/94	B09TS9	2.40 BL
199-N-69	2/02/94	B09TT0	5.30 BL
199-N-70	3/01/94	B0BGG1	3.44 U
199-N-71	2/01/94	B09TV3	8.20 LB
199-N-72	2/03/94	B09FP0	10.00 B
199-N-72	2/03/94	B09TV5	10.00 B
199-N-73	2/01/94	B09TW2	4.00 LB
199-N-74	2/04/94	B09W32	3.70 BLQ
199-N-74	2/04/94	B09W33	6.20 BLQ
199-N-75	2/01/94	B09TT8	13.00 B
199-N-76	2/28/94	B09TW0	3.44 U
199-N-77	2/01/94	B09TW4	5.10 LB
199-N-80	3/02/94	B09ZT0	3.44 U
199-N-81	2/02/94	B09VN1	3.30 BL

For explanation of this table, see Section 1.4 of report.

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Table 4-5. Contamination Indicator Parameters for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

Well Name	Collection Date	Sample Number	COND FIELD uMho 1/700w	COND LAB uMho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
199-N-14	2/28/94	B09TB7	167	180	7.54 F	8.30	200 U	5.0 U
		B09TB8	168	190	7.55 F	8.30	200 U	5.0 U
		B09TB9	168	190	7.57 F	8.30	200 U	5.0 U
		B09TC0	167	190	7.58 F	8.30	200 U	5.0 U
199-N-16	3/01/94	B09ZR8	978		7.88			
199-N-17	2/28/94	B09ZS6	1089		6.81			
199-N-2	2/02/94	B09TC2	243	290	7.70	8.10	200 U	5.0 U
		B09TC3	245	270	7.72	8.10	200 U	
		B09TC4	248	270	7.74	8.10	200 L	5.0 U
		B09TC5	245	270	7.76	8.10	200 U	5.0 U
199-N-21	2/28/94	B09ZS7	1272		7.52			
199-N-23	2/25/94	B09ZS0	1009		7.54			
199-N-25	3/07/94	B09ZS2	893		7.45			
199-N-26	2/23/94	B09ZS4	826		7.87			
199-N-27	2/04/94	B09VN2	377	380	6.72 F	8.10	300 L	5.0 U
		B09VN3	377	380	6.76 F	8.10	300 L	5.0 U
		B09VN4	377	380	6.80 F	8.10	300 L	5.0 U
		B09VN5	377	380	6.83 F	8.10	300 L	5.0 U
199-N-29	2/04/94	B09VN7	282	290	7.82	8.10	300 L	5.0 U
		B09VN8	282	290	7.45	8.20	200 L	5.0 U
		B09VN9	281	290	7.47	8.10	300 L	5.0 U
		B09VP0	280	290	7.49	8.20	300 L	5.7
199-N-3	3/03/94	B09TC7	763	770	6.82 F	7.60	600 L	6.7
		B09TC8	763	770	6.84 F	7.60	700 L	7.9
		B09TC9	763	760	6.86 F	7.60	700 L	7.7
		B09TD0	759	760	6.88 F	7.60	600 L	11.2
199-N-32	3/03/94	B09VP2	257	270	7.94	8.10	400 L	5.6
		B09VP3	257	270	7.94	8.10	500 L	5.2
		B09VP4	267	270	7.93	8.10	500 L	5.0 U
		B09VP5	269	270	7.92	8.10	500 L	5.0 U
199-N-34	2/01/94	B09TD2	317	310	8.36	8.10	200 L	10.3
		B09TD3	317	310	8.34	8.20	200 U	5.0 U
		B09TD4	318	310	8.37	8.20	200 U	7.6
		B09TD5	314	310	8.36	8.20	200 U	6.0
199-N-41	2/07/94	B09VP7	209	220	7.94	8.30	300 L	5.0 U
		B09VP8	209	220	7.94	8.30	300 L	5.0 U
		B09VP9	208	220	7.97	8.30	300 L	
		B09VQ0	208	220	7.99	8.30	400 L	5.0 U
199-N-50	3/02/94	B09ZR2	327		8.18			
199-N-51	2/22/94	B09ZR4	257		8.09			
199-N-57	2/01/94	B09TR1	892	890	7.58	7.90	500 L	13.4
		B09TR2		890		7.90	500 L	9.6
199-N-57	2/01/94	B09TR3		880		7.90	500 L	7.4
		B09TR4		890		7.90	500 L	8.7
199-N-67	2/02/94	B09TR6	219	240	7.41 F	8.10	400 L	5.0 U
		B09TR7		240		8.10	500 L	5.0 U
		B09TR8		240		8.10	400 L	5.0 U
		B09TR9		240		8.10	400 L	5.0 U

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Table 4-5. Contamination Indicator Parameters for the 100-N RCRA Sites Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

Well Name	Collection Date	Sample Number	COND FIELD uMho 1/700w	COND LAB uMho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
199-N-69	2/02/94	B09TS1	154	170	7.37 F	8.10	200 U	
		B09TS2	154	170	7.37 F	8.10	200 L	
		B09TS3	154	170	7.41 F	8.20	200 U	
		B09TS4	154	170	7.41 F	8.10	200 U	
		B09TS5		170		8.10	200 U	
		B09TS6		170		8.10	200 U	
		B09TS7		170		8.20	200 U	
		B09TS8		170		8.10	200 L	
199-N-70	3/01/94	B0BGF7	263	260	8.40	8.20	400 L	5.3 F
		B0BGF8	264	260	8.14	8.20	400 L	15.6 F
		B0BGF9	264	260	8.13	8.20	400 L	5.0 UF
		B0BGG0	259	260	8.13	8.20	400 L	5.0 UF
199-N-71	2/01/94	B09TT9	268	280	8.15	8.30	500 L	5.0 U
		B09TV0	268	280	8.16	8.30	300 L	5.0 U
		B09TV1	267	280	8.17	8.30	300 L	5.0
		B09TV2	267	280	8.17	8.30	200 L	5.3
199-N-72	2/03/94	B09FH3		280		8.10	500 L	41.2
		B09TV4	270	280	6.59 F	8.10	400 L	52.2
199-N-73	2/01/94	B09TW1	1284	1300	8.07	8.20	300 L	13.2
199-N-74	2/04/94	B09W24	480	440	7.51	8.10	300 L	5.0 U
		B09W25	480	440	7.53	8.10	300 L	5.0 U
		B09W26	477	440	7.53	8.10	300 L	5.0 U
		B09W27	480	440	7.54	8.10	300 L	
		B09W28		440		8.10	300 L	7.2
		B09W29		440		8.10	300 L	6.0
		B09W30		440		8.10	400 L	6.0
		B09W31		440		8.10	300 L	5.0 U
199-N-75	2/01/94	B09TT4	178	180	7.82	8.10	200 U	5.5
		B09TT5	180	180	7.70	8.20	200 U	7.1
		B09TT6	182	180	7.99	8.10	200 U	5.0 U
		B09TT7	187	180	7.77	8.10	200 U	5.0 U
199-N-76	2/28/94	B09TV6	168	180	6.14 F	8.30	200 U	5.0 U
		B09TV7	168	180	6.17 F	8.30	200 U	5.0 U
		B09TV8	167	180	6.20 F	8.20	200 U	5.0 U
		B09TV9	167	180	6.23 F	8.20	200 U	5.0 U
199-N-77	2/01/94	B09TW3	237	250	8.14	8.20	400 L	32.1
199-N-80	3/02/94	B09ZS9	552		7.83		300 L	13.0
199-N-81	2/02/94	B09VM7	361 F	260	8.05	8.10	300 L	5.6
		B09VM8	350 F	260	7.92	8.10	300 L	5.0 U
		B09VM9	360 F	260	7.95	8.10	300 L	
		B09VN0	355 F	260	7.96	8.10	300 L	5.0 U

For explanation of this table, see Section 1.4 of report.

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Table 4-6. Drinking Water Standards Exceeded in 100-N Area Wells.

Constituent (DWS)	Wells exceeding DWS (# samples)
Field conductivity (700 μmho/cm)	1301-N: N-3 (4), N-57 1324-N/NA: N-73 NR-2: N-16, N-17, N-21, N-23, N-25, N-26
Lab conductivity (700 μmho/cm)	1301-N: N-3 (4), N-57 (4) 1324-N/NA: N-73
Field pH (<6.5, >8.5)	1301-N: N-76[a] (4)
Chromium, unfiltered samples (50 ppb)	1301-N: N-57, N-67, N-69 1324-N/NA: N-71, N-73 1325-N: N-70, N-74 (2), N-81 NR-2: N-64, N-80
Chromium, filtered samples (50 ppb)	NR-2: N-80
Fluoride (1400 ppb)	1324-N/NA: N-73
Iron, unfiltered samples (300 ppb)	1301-N: N-3, N-34, N-57, N-67 1324-N/NA: N-71, N-73 1325-N: N-32, N-41, N-74 (2), N-81 NR-2: N-16, N-23, N-25, N-26, N-64
Iron, filtered samples (300 ppb)	1301-N: N-3 NR-2: N-16, N-25
Manganese, unfiltered samples (50 ppb)	1301-N: N-57, N-67 1325-N: N-81 NR-2: N-16, N-25, N-49[a]
Manganeses, filtered samples (50 ppb)	NR-2: N-16, N-25
Nitrate (45,000 ppb)	1301-N: N-2 NR-2: N-26
Ruthenium-106 (30 pCi/L)	1301-N: N-67
Strontium-90 (8 pCi/L)	1301-N: N-2, N-3, N-14, N-34, N-57, N-67, N-75, N-76 1325-N: N-27, N-29, N-81 NR-2: N-17, N-54
Sulfate (250,000 ppb)	1301-N: N-57 1324-N/NA: N-73 NR-2: N-23, N-25
Total dissolved solids (500 ppb)	1324-N/NA: N-73
Tritium (20,000 pCi/L)	1301-N: N-2, N-14, N-34, N-67, N-69 (2), N-75, N-76 1325-N: N-27, N-29, N-32, N-41, N-70, N-74 (2), N-81 NR-2: N-51, N-80

[a]Data are in question. Requests for Analytical Data Evaluation were submitted.

DWS = drinking water standard.

Table 4-7. Data Analysis for 100-NR-2 Project. (sheet 1 of 2)

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
100-NR-2	199-N-16	OIL/GREASE	483	12/01/92	B07PY1	13.00
				2/25/93	B086K9	5.00 U
				5/18/93	B08KZ7	5.00 U
				8/11/93	B091D8	5.00 U
		TPHDIESEL	397	12/01/92	B07PY1	.20 U
				2/25/93	B086K9	.07 J
				5/18/93	B08KZ7	2.50 U
				8/11/93	B091D8	2.00 U
	199-N-17	OIL/GREASE	483	12/15/92	B07PX4	21.00
		TPHDIESEL	397	12/15/92	B07PX4	2.00
	199-N-19	OIL/GREASE	483	12/02/92	B07PY3	8.00
				2/24/93	B086L2	5.00 U
				5/20/93	B08KZ9	5.00 U
				8/12/93	B091F1	5.00 U
		TPHDIESEL	397	12/02/92	B07PY3	.20 U
				2/24/93	B086L2	.10 U
				5/20/93	B08KZ9	2.50 U
				8/12/93	B091F1	2.00 U
	199-N-20	OIL/GREASE	483	2/24/93	B086L3	5.00 U
				5/20/93	B08L00	5.00 U
				8/13/93	B091F2	5.00 U
		TPHDIESEL	397	2/24/93	B086L3	.10 U
				5/20/93	B08L00	2.50 U
				8/13/93	B091F2	2.00 U
	199-N-21	OIL/GREASE	483	2/18/93	B086L4	5.00 U
				5/12/93	B08L01	5.00 U
				8/12/93	B091F3	5.00 U
		TPHDIESEL	397	12/01/92	B07PX5	.20 U
				2/18/93	B086L4	.10 U
				5/12/93	B08L01	5.00 U
				8/12/93	B091F3	2.00 U
	199-N-23	OIL/GREASE	483	2/26/93	B086L5	5.00 U
		TPHDIESEL	397	2/26/93	B086L5	.10 U
	199-N-25	OIL/GREASE	483	3/09/93	B086L6	5.00 U
				5/17/93	B08L02	5.00 U
				8/13/93	B091F4	5.00 U

Table 4-7. Data Analysis for 100-NR-2 Project. (sheet 2 of 2)

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
100-NR-2	199-N-25	TPHDIESEL	397	3/09/93	B086L6	1.00 U
				5/17/93	B08L02	2.50 U
				8/13/93	B091F4	2.00 U
	199-N-26	OIL/GREASE	483	2/24/93	B086L7	5.00 U
				5/21/93	B08L03	5.00 U
				8/11/93	B091F5	5.00 U
		TPHDIESEL	397	2/24/93	B086L7	.10 U
				5/21/93	B08L03	2.50 U
				8/11/93	B091F5	2.00 U
	199-N-3	OIL/GREASE	483	3/12/93	B086K8	5.00 U
				5/19/93	B08KZ6	5.00 U
		TPHDIESEL	397	3/12/93	B086K8	1.00 U
				5/19/93	B08KZ6	2.50 U
	199-N-47	TPHDIESEL	397	12/10/92	B07PX6	.10 U
	199-N-54	OIL/GREASE	483	12/14/92	B07PX7	5.00 U
				3/04/93	B086L8	5.00 U
				5/12/93	B08L04	6.00
				8/11/93	B091F6	5.00 U
		TPHDIESEL	397	12/14/92	B07PX7	.10 U
				3/04/93	B086L8	.10 U
				5/12/93	B08L04	5.00 U
				8/11/93	B091F6	2.00 U
	199-N-55	TPHDIESEL	397	12/10/92	B07PX8	.34
	199-N-56	OIL/GREASE	483	12/22/92	B07PX9	5.00 U
				3/05/93	B086L9	5.00 U
					B086M1	6.00
		TPHDIESEL	397	3/05/93	B086L9	1.00 U
					B086M1	1.00 U
	199-N-57	OIL/GREASE	483	3/04/93	B086M0	5.00 U
		TPHDIESEL	397	3/04/93	B086M0	.10 U

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5.0 216-B-3 POND SYSTEM

D. B. Barnett
Westinghouse Hanford Company

5.1 INTRODUCTION

The 216-B-3 Pond System is located east of the 200 East Area and consists of a main pond, three interconnected lobes for wastewater disposal, and several ditches leading to the ponds (Figures 1-1 and 5-1). These surface impoundments cover approximately 41.3 hectares (102 acres). Table 5-1 lists the groundwater wells and their monitoring status.

The 216-B-3 Pond System groundwater monitoring well locations are shown in Figure 5-1. Detection monitoring began at the 216-B-3 Pond System in November 1988 and continued through June 1990, when assessment monitoring was scheduled to begin because of elevated levels of TOX in two downgradient monitoring wells (699-43-41E and 699-43-41F). Assessment monitoring actually began in June 1991 when groundwater sampling on the Hanford Site resumed, following a hiatus, as described in the *Groundwater Quality Assessment Plan for the 216-B-3 Pond System* (Harris 1990). Thus far, no specific constituents have been linked to the elevated TOX results. It is anticipated that the groundwater monitoring program will return to indicator-evaluation monitoring in late calendar year (CY) 1994.

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5.2 WATER LEVEL DATA

Water levels were measured at least three times in all wells during the January through March 1994 period, as shown in Table 5-2. Results for some wells are outside of the expected range of water levels for those wells, and may be in error. The suspect wells are: 299-E18-1 (measured March 10, 1994), 699-43-42J (measured January 18, 1994), 699-43-43 (measured February 7, 1994), and 699-43-45 (measured January 4, 1994).

5.3 WATER CHEMISTRY DATA

All wells scheduled for the January through March 1994 sampling were sampled during January, except wells 699-42-40A and 299-E18-1, which were sampled in February and March, respectively. Results for the period that are unavailable as of the writing of this report will be reported in future quarterly reports.

The list of constituents for which data were received and the summary of results available are given in Table 5-3. The results of the available analyses, for constituents with at least one value above the MDL, are reported in Table 5-4. Results of analyses for CIPs are reported in Table 5-5. Explanations of data flags and qualifiers are given in Section 1.4.

Constituents exceeding DWS during the January through March 1994 period are listed in Table 5-6.

Results for barium, calcium, sodium, and iron are associated with a large number of contaminated blank samples. Also, most turbidity results are associated with Q flags. Both of these problems are discussed in more detail in Section 1.2 of this report.

Results of TOX are missing for 17 of the 25 wells in the 216-B-Pond network. An NCR indicates that holding times were exceeded, and no TOX analyses were performed for these samples.

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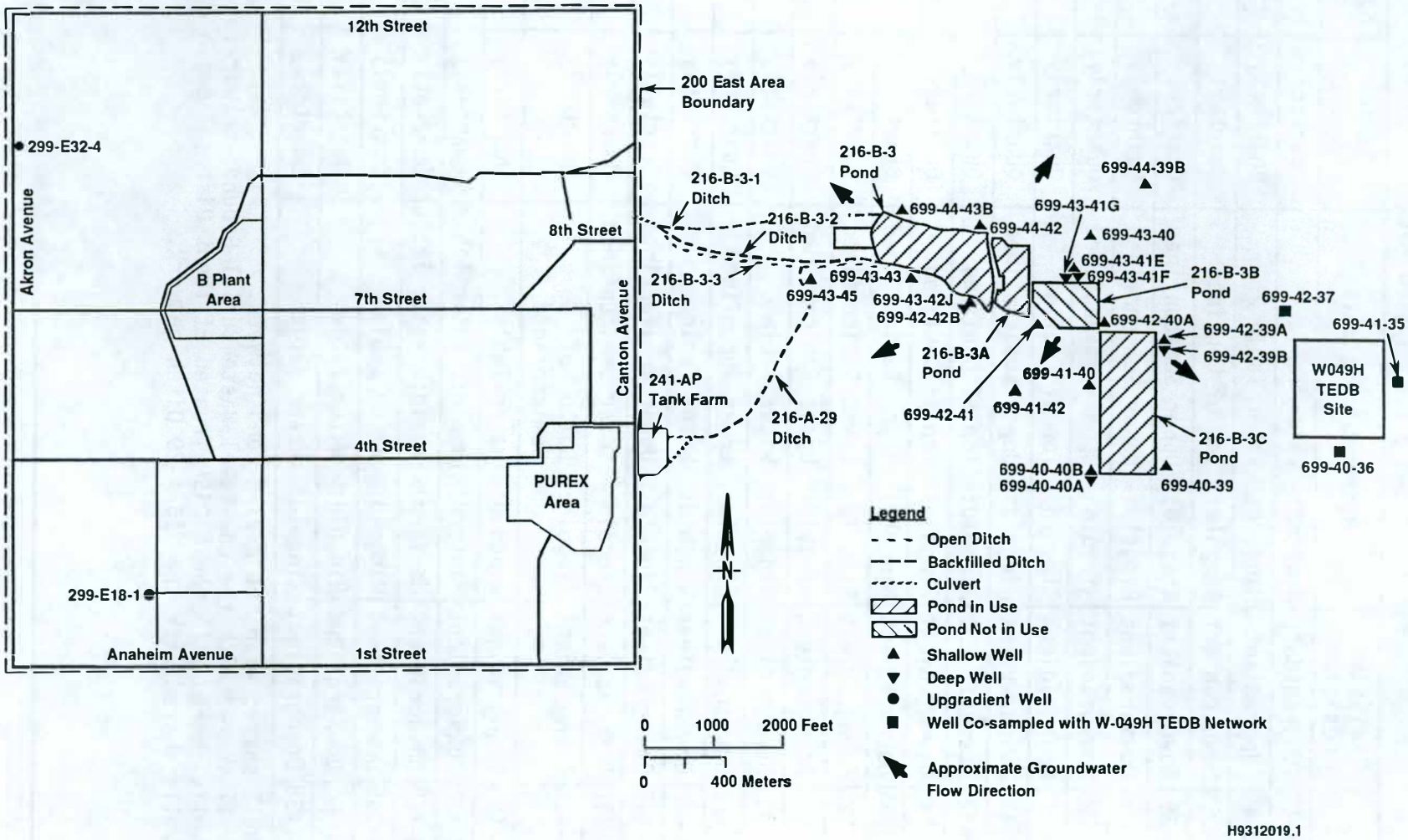

Figure 5-1. 216-B-3 Pond Groundwater Monitoring Network.

Table 5-1. Monitoring Well Purpose and Sampling Schedule for the 216-B-3 Pond System Network.

Well no.	Relative position	Hydrogeologic unit	Sample frequency	Sample date, 1st Qtr 1994
299-E18-1[a]	Upgradient	Hanford: Water Table	Quarterly	12/15/93
299-E32-4[b]	Upgradient	Hanford: Water Table	Quarterly	10/15/93
699-40-36[c]	Downgradient	Ringold: Top of Confined	Quarterly	10/08/93
699-40-39	Downgradient	Ringold: Upper Semiconfined	Quarterly	10/19/93
699-40-40A	Downgradient	Ringold: Lower Semiconfined	Quarterly	10/07/93
699-40-40B	Downgradient	Ringold: Upper Semiconfined	Quarterly	10/07/93
699-41-35[c]	Downgradient	Ringold: Top of Confined	Quarterly	10/08/93
699-41-40	Downgradient	Ringold: Upper Semiconfined	Quarterly	10/11/93
699-41-42	Downgradient	Ringold: Top of Confined	Quarterly	10/11/93
699-42-37[c]	Downgradient	Ringold: Top of Confined	Quarterly	10/08/93
699-42-39A	Downgradient	Ringold: Upper Semiconfined	Quarterly	10/07/93
699-42-39B	Downgradient	Ringold: Lower Semiconfined	Quarterly	10/07/93
699-42-40A	Downgradient	Ringold: Upper Semiconfined	Quarterly	10/11/93
699-42-41	Downgradient	Ringold: Water Table	Quarterly	10/11/93
699-42-42B	Downgradient	Ringold: Lower Unconfined	Quarterly	10/13/93
699-43-40	Downgradient	Ringold: Water Table	Quarterly	10/11/93
699-43-41E	Downgradient	Ringold: Upper Semiconfined	Quarterly	10/11/93
699-43-41F	Downgradient	Ringold: Lower Semiconfined	Quarterly	10/11/93
699-43-41G	Downgradient	Ringold: Bottom of Semiconfined	Quarterly	10/11/93
699-43-42J	Downgradient	Ringold: Water Table	Quarterly	10/13/93
699-43-43[d]	Downgradient	Hanford/Ringold: Water Table	Quarterly	10/13/93
699-43-45[d]	Downgradient	Hanford/Ringold: Water Table	Quarterly	10/13/93
699-44-39B	Downgradient	Ringold: Water Table	Quarterly	10/11/93
699-44-42	Downgradient	Ringold: Water Table	Quarterly	10/13/93
699-44-43B	Downgradient	Ringold: Water Table	Quarterly	10/12/93

[a]Well shared with the 2101-M Pond network.
[b]Well shared with the Low-Level Waste Burial Grounds network.
[c]Wells shared with the W-049H Treated Effluent Disposal Basin network.
[d]Wells shared with the 216-A-29 Ditch network.

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Table 5-2. RCRA Water Level Measurement Report for the 216-B-3 Pond System, First Quarter 1994. (sheet 1 of 4)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Unconfined Aquifer at the Water Table			
299-E18-1	1/10/94	318.49	401.75
	2/17/94	318.32	401.92
	3/10/94	316.43	403.81*+
	3/25/94	318.61	401.63
299-E32-4	1/12/94	284.66	401.22*
	1/13/94	284.68	401.20
	2/18/94	284.84	401.04
	3/24/94	284.81	401.07
699-41-42	1/03/94	233.22	410.69
	1/14/94	233.05	410.86*
	2/07/94	232.99	410.92
	3/21/94	233.16	410.75
699-42-40A	1/03/94	124.79	420.74
	2/07/94	125.20	420.33
	2/14/94	125.01	420.52*
	3/21/94	124.43	421.10
699-42-41	1/03/94	147.22	420.08
	1/13/94	147.41	419.89*
	2/07/94	147.39	419.91
	3/21/94	146.87	420.43
699-43-40	1/03/94	123.63	418.57
	1/13/94	123.72	418.48*
	2/07/94	123.18	419.02
	3/21/94	123.18	419.02
699-43-42J	1/03/94	163.65	418.03
	1/18/94	163.15	418.53*+
	2/07/94	163.79	417.89
	3/21/94	163.48	418.20
699-43-43	1/03/94	164.98	414.39
	2/07/94	163.99	415.38+
	3/21/94	164.83	414.54

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Table 5-2. RCRA Water Level Measurement Report for the 216-B-3 Pond System, First Quarter 1994. (sheet 2 of 4)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Unconfined Aquifer at the Water Table			
699-43-45	1/03/94	195.00	402.68
	1/04/94	191.89	405.79*+
	2/07/94	195.04	402.64
	3/21/94	195.17	402.51
699-44-39B	1/03/94	95.02	418.38
	1/17/94	94.97	418.43*
	2/07/94	94.50	418.90
	3/21/94	94.50	418.90
699-44-42	1/03/94	159.12	420.10
	1/26/94	158.53	420.69*
	2/07/94	159.18	420.04
	3/21/94	158.65	420.57
699-44-43B	1/03/94	164.81	415.31
	1/14/94	165.31	414.81*
	2/07/94	165.18	414.94
	3/21/94	165.11	415.01
Wells Monitoring Confined or Semi-Confined Aquifer			
699-40-36	1/03/94	118.26	410.66
	1/05/94	118.05	410.87*
	2/07/94	118.14	410.78
	3/21/94	118.24	410.68
699-40-39	1/03/94	129.84	412.00
	1/19/94	129.81	412.03*
	2/07/94	129.66	412.18
	3/21/94	129.73	412.11
699-40-40A	1/03/94	130.43	410.78
	1/12/94	130.36	410.85*
	2/07/94	130.26	410.95
	3/21/94	130.30	410.91

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Table 5-2. RCRA Water Level Measurement Report for the 216-B-3 Pond System, First Quarter 1994. (sheet 3 of 4)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring Confined or Semi-Confined Aquifer			
699-40-40B	1/03/94	131.11	411.07
	1/12/94	131.26	410.92*
	2/07/94	130.91	411.27
	3/21/94	130.99	411.19
699-41-35	1/03/94	108.75	411.63
	1/19/94	108.76	411.62*
	2/07/94	108.51	411.87
	3/21/94	108.64	411.74
699-41-40	1/03/94	131.28	414.66
	1/14/94	131.05	414.89*
	2/07/94	130.95	414.99
	3/21/94	131.12	414.82
699-42-37	1/03/94	105.16	414.26
	1/07/94	105.10	414.32*
	2/07/94	104.75	414.67
	3/21/94	104.96	414.46
699-42-39A	1/03/94	140.12	418.02
	1/13/94	140.53	417.61*
	2/07/94	139.64	418.50
	3/21/94	139.81	418.33
699-42-39B	1/03/94	140.54	417.78
	1/13/94	140.68	417.64*
	2/07/94	140.03	418.29
	3/21/94	140.22	418.10
699-43-41E	1/03/94	131.01	419.85
	1/14/94	131.10	419.76*
	2/07/94	130.82	420.04
	3/21/94	130.64	420.22
699-43-41F	1/03/94	131.07	419.94
	1/15/94	130.66	420.35*
	1/19/94	130.66	420.35*
	2/07/94	130.90	420.11
	3/21/94	130.70	420.31

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Table 5-2. RCRA Water Level Measurement Report for the 216-B-3 Pond System, First Quarter 1994. (sheet 4 of 4)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring Confined or Semi-Confined Aquifer			
699-43-41G	1/03/94	136.06	415.28
	1/14/94	136.01	415.33*
	2/07/94	135.77	415.57
	3/21/94	135.70	415.64
Well Monitoring the Unconfined Aquifer Below the Water Table			
699-42-42B	1/03/94	166.89	416.34
	1/18/94	166.52	416.71*
	2/07/94	167.00	416.23
	3/21/94	166.67	416.56

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. Elevations marked with a '+' are outside of the expected range, and are suspected of error.
5. To convert from feet to meters multiply by 0.3048.

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Table 5-3. Constituent List and Summary of Results for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 4)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			106	106	
CONDUCT	73	Conductivity, lab	µmho				113	113	
TOC		Total Organic Carbon	ppb	320			116	56	
TOX		Total Organic Halogen	ppb	5			42	19	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	106	106	0
PH	125	pH, lab	pH		6.5-8.5	EPAS	4	4	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
2,4,5TP		2,4,5-TP	ppb	.015	50	EPA	4	0	0
2,4-D		2,4-D	ppb	.052	100	EPAI	4	0	0
ARSENIC		Arsenic	ppb	.64	50	EPA	6	6	0
FARSENIC		Arsenic, filtered	ppb	.64	50	EPA	3	3	0
BARIUM		Barium	ppb	1.3	1000	EPAI	29	29	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	4	4	0
CADMIUM		Cadmium	ppb	3	10	EPAI	29	1	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	4	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	29	28	23
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	4	0	0
ENDRIN		Endrin	ppb	.0042	.2	EPA	7	0	0
FLUORID		Fluoride	ppb	51	1400	EPAI	7	7	0
ALPHA		Gross alpha	pCi/L		15	EPA	29	28	0
MERCURY		Mercury	ppb	.095	2	EPA	3	0	0
FMERCUR		Mercury, filtered	ppb	.095	2	EPA	3	0	0
METHLOR		Methoxychlor	ppb	.022	100	EPAI	7	0	0
NITRATE		Nitrate	ppb	96	45000	EPA	7	7	0
RADIUM		Radium	pCi/L		5	EPAI	3	1	0
SELENUM		Selenium	ppb	1.4	10	EPAI	6	1	0
FSELENI		Selenium, filtered	ppb	1.4	10	EPAI	3	1	0
TOXAENE		Toxaphene	ppb	.7	5	EPAI	7	0	0
g-BHC		gamma-BHC (Lindane)	ppb	.0015	4	EPAI	7	0	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	7	7	0
IRON		Iron	ppb	18	300	EPAS	29	29	21
FIRON		Iron, filtered	ppb	18	300	EPAS	4	2	0
MANGESE		Manganese	ppb	1	50	EPAS	29	29	10
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	4	3	0
LPHENOL	19	Phenol	ppb	.5			4	0	
LPHENOL	30	Phenol	ppb	.57			3	0	
SODIUM		Sodium	ppb	150			29	29	
FSODIUM		Sodium, filtered	ppb	150			4	4	
SULFATE		Sulfate	ppb	89	250000	EPAS	7	7	0

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Table 5-3. Constituent List and Summary of Results for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 4)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.58	200	EPA	4	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.16			4	0	
1,1-DIC		1,1-Dichloroethane	ppb	.082			4	0	
1,2-DIC		1,2-Dichloroethane	ppb	.15	5	EPA	4	0	0
12-DCE		1,2-Dichloroethene	ppb	.21			4	0	
14-dben		1,4-Dichlorobenzene	ppb	.37	75	EPA	4	0	0
1BUTYN		1-Butanol	ppm	170			4	0	
2,4,5-T		2,4,5-T	ppb	.018			4	0	
246-trp		2,4,6-Trichlorophenol	ppb	1.6			3	0	
24-dchp	19	2,4-Dichlorophenol	ppb	1.3			4	0	
24-dchp	30	2,4-Dichlorophenol	ppb	1.5			3	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			3	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			3	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			3	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			3	0	
2METHPH		2-Methylphenol	ppb	1.9			4	0	
2NITPH	19	2-Nitrophenol	ppb	1.6			4	0	
2NITPH	30	2-Nitrophenol	ppb	1.7			3	0	
BUTDINP	30	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			3	0	
BUTDINP	49	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	.24			4	0	
DDD		4,4'-DDD	ppb	.0039			7	0	
DDE		4,4'-DDE	ppb	.0015			7	0	
DDT		4,4'-DDT	ppb	.0012			7	0	
46DN2MP		4,6-Dinitro-2-methylphenol	ppb	1.6			3	0	
CHLCRES		4-Chloro-3-methylphenol	ppb	1.5			3	0	
MIBK		4-Methyl-2-pentanone	ppb	18			4	0	
4METHPH		4-Methylphenol	ppb	1.3			4	0	
NITPHEN		4-Nitrophenol	ppb	1.4			3	0	
ACETONE		Acetone	ppb	21			4	0	
ALDRIN		Aldrin	ppb	.0018			7	0	
a-BHC		Alpha-BHC	ppb	.003			7	0	
ALUMNUM		Aluminum	ppb	19			29	16	
FALUMIN		Aluminum, filtered	ppb	19			4	0	
AMMONIU		Ammonium ion	ppb	38.5			27	7	
ANTIONY		Antimony	ppb	26			29	0	
FANTIMO		Antimony, filtered	ppb	26			4	0	
AR1016		Aroclor-1016	ppb	.059			1	0	
AR1221		Aroclor-1221	ppb	.06			1	0	
AR1232		Aroclor-1232	ppb	.094			1	0	
AR1242		Aroclor-1242	ppb	.17			1	0	
AR1248		Aroclor-1248	ppb	.047			1	0	
AR1254		Aroclor-1254	ppb	.092			1	0	
AR1260		Aroclor-1260	ppb	.079			1	0	
BENZENE		Benzene	ppb	.11	5	EPA	4	0	0
BENZOTH		Benzothiazole	ppb	1.9			4	0	
BERYLUM		Beryllium	ppb	1.5			29	0	
FBERYLL		Beryllium, filtered	ppb	1.5			4	0	
b-BHC		Beta-BHC	ppb	.0013			7	0	
BIS2EPH		Bis(2-ethylhexyl) phthalate	ppb	1.1			4	1	
BROMIDE		Bromide	ppb	110			7	0	
CALCIUM		Calcium	ppb	47			29	29	
FCALCIU		Calcium, filtered	ppb	47			4	4	
CARBIDE		Carbon disulfide	ppb	.45			4	0	

Table 5-3. Constituent List and Summary of Results for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 4)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
TETRANE		Carbon tetrachloride	ppb	1.1	5	EPA	4	0	0
CHLOANE		Chlordane	ppb	.042	2	EPA	7	0	0
CHLFORM		Chloroform	ppb	.17			4	0	
COBALT		Cobalt	ppb	6.5			29	0	
FCOBALT		Cobalt, filtered	ppb	6.5			4	0	
COLIFORM		Coliforms	COL	1	1	EPAI	7	0	0
COPPER		Copper	ppb	2.6	1000	EPAS	29	21	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	4	0	0
CRESOLS		Cresols (methylphenols)	ppb	4.8			3	0	
CYANIDE		Cyanide	ppb	.94			3	0	
DECANE		Decane	ppb	2.9			4	0	
d-BHC		Delta-BHC	ppb	.0018			7	0	
DIELRIN		Dieldrin	ppb	.0021			7	0	
DODECAN		Dodecane	ppb	2.4			4	0	
ENDO1		Endosulfan I	ppb	.0018			7	0	
ENDO2		Endosulfan II	ppb	.0012			7	0	
ENDSFAN		Endosulfan sulfate	ppb	.0018			7	0	
ENDRALD		Endrin Aldehyde	ppb	.0039			7	0	
ETHCYAN		Ethyl cyanide	ppb	3			4	0	
BETA		Gross beta	pCi/L				29	29	
HEPTLOR		Heptachlor	ppb	.0015	.4	EPA	7	0	0
HEPTIDE		Heptachlor epoxide	ppb	.0012	.2	EPA	7	0	0
LHYDRAZ		Hydrazine	ppb	2.3			28	0	
I-129L		Iodine-129, Low level	pCi/L				3	0	
LEAD		Lead	ppb	.86	50	EPAI	3	2	0
FLEAD		Lead, filtered	ppb	.86	50	EPAI	3	2	0
MAGNES		Magnesium	ppb	25			29	29	
FMAGNES		Magnesium, filtered	ppb	25			4	4	
METHONE		Methyl ethyl ketone	ppb	20			4	0	
METHYCH		Methylene chloride	ppb	.077			4	0	
NAPHTHA		Naphthalene	ppb	1.2			4	0	
NICKEL		Nickel	ppb	16			29	23	
FNICKEL		Nickel, filtered	ppb	16			4	0	
NITRITE		Nitrite	ppb	110	1000	EPA	7	0	0
PENTCHP	19	Pentachlorophenol	ppb	1.7	1	EPA	4	0	4*
PENTCHP	30	Pentachlorophenol	ppb	1.7	1	EPA	3	0	3*
PHOSPHA		Phosphate	ppb	470			7	0	
POTASUM		Potassium	ppb	890			29	29	
FPOTASS		Potassium, filtered	ppb	890			4	4	
SILVER		Silver	ppb	3.4	50	EPAI	29	0	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	4	0	0
PERCENE		Tetrachloroethene	ppb	.13	5	EPA	4	0	0
TETPHNL		Tetrachlorophenols	ppb	1.4			3	0	
TETRADE		Tetradecane	ppb	3			4	0	
TAF		Tetrahydrofuran	ppb	2.8			4	0	
TIN		Tin	ppb	24			29	0	
FTIN		Tin, filtered	ppb	24			4	0	
TOLUENE		Toluene	ppb	.12	1000	EPA	4	0	0
TDS		Total Dissolved Solids	ppm	10	500	EPAS	28	28	0
TRIBUTPH		Tributyl Phosphate	ppb	3.9			4	0	
TRICENE		Trichloroethene	ppb	.11	5	EPA	4	0	0
TRIPHNL		Trichlorophenols	ppb	2.1			3	0	
TDICHPH		Tris-2-chloroethyl phosphate	ppb	2.2			4	1	
TRITIUM		Tritium	pCi/L		20000	EPA	29	22	9
TURBID		Turbidity	NTU	.016			28	28	

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Table 5-3. Constituent List and Summary of Results for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 4)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
URANIUM		Uranium	ppb				1	1	
VANADUM		Vanadium	ppb	6.4			29	28	
FVANADI		Vanadium, filtered	ppb	6.4			4	4	
VINYIDE		Vinyl chloride	ppb	.14	2	EPA	4	0	0
XYLENE		Xylenes (total)	ppb	.17	10000	EPA	4	0	0
ZINC		Zinc	ppb	4.4	5000	EPAS	29	12	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	4	0	0
MCRESOL		m-Cresol	ppb	6.3			4	0	

For explanation of this table, see Section 1.4 of report.

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Table 5-4. Constituents with at Least One Detected Value for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 9)

Well Name	Collection Date	Sample Number	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	AMMONIU 129/ppb 38.5/.	ARSENIC 43/ppb .64/50
299-E18-1	12/15/93	B09NX1	79.00 L			
299-E18-1	12/15/93	B09NX5		40.00 U		
299-E18-1	3/10/94	B0BHM1	160.00 L			
299-E32-4	1/12/94	B09QM3	40.00 U		38.50 UQ	3.90 L
299-E32-4	1/12/94	B09QM4		40.00 U		
699-40-36	1/05/94	B09Q92	40.00 U		38.50 UQ	2.40 L
699-40-39	1/19/94	B09PV8	1200.00 Q		38.50 U	
699-40-39	1/19/94	B09PV9	920.00 Q		38.50 U	
699-40-40A	1/12/94	B09PW6	100.00 L		38.50 UQ	
699-40-40B	1/12/94	B09PX0	61.00 L		38.50 UQ	
699-41-35	1/19/94	B09Q96	2800.00		38.50 U	3.70 L
699-41-40	1/14/94	B09PX4	84.00 L		38.50 U	
699-41-42	1/14/94	B09PX8	94.00 L		40.00 L	
699-42-37	1/07/94	B09QB0	1000.00		60.00 LQ	3.90 L
699-42-39A	1/13/94	B09PY2	230.00		38.50 UQ	
699-42-39B	1/13/94	B09PY6	610.00		100.00 LQ	
699-42-40A	2/14/94	B09PZ0	7000.00		38.50 U	
699-42-40C	1/21/94	B09PZ4	32.50 U		38.50 U	
699-42-41	1/13/94	B09Q60	100.00 L		38.50 UQ	
699-42-42B	1/18/94	B09Q01	32.50 U		38.50 U	
699-43-40	1/13/94	B09SK0	32.50 U		100.00 Q	
699-43-41E	1/14/94	B09Q08	32.50 U		38.50 U	
699-43-41F	1/19/94	B09Q12	85.00 L		38.50 U	
699-43-41G	1/14/94	B09Q16	57.00 L		38.50 U	
699-43-42J	1/18/94	B09Q20	32.50 U		100.00	
699-43-43	1/04/94	B09PV4	40.00 U		60.00 LQ	7.40
699-43-43	1/04/94	B09PV5		40.00 U		
699-43-45	1/04/94	B09PV6	40.00 U		38.50 UQ	8.90
699-43-45	1/04/94	B09PV7		40.00 U		
699-44-39B	1/17/94	B09Q24	32.50 U		38.50 UQ	
699-44-42	1/26/94	B09Q28	32.50 U		100.00 Q	
699-44-43B	1/14/94	B09Q32	32.50 U		38.50 U	
699-44-43B	1/14/94	B09Q33	32.50 U		38.50 U	

Well Name	Collection Date	Sample Number	FARSENIC 43/ppb .64/50	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	BIS2EPH 19/ppb 1.1/.
299-E18-1	12/15/93	B09NX1		30.00		
299-E18-1	12/15/93	B09NX5			27.00	
299-E18-1	3/10/94	B0BHM1		28.00		1.10 U
299-E32-4	1/12/94	B09QM3		71.00		
299-E32-4	1/12/94	B09QM4	3.10 L		71.00	
699-40-36	1/05/94	B09Q92		55.00 B		6.50 U
699-40-39	1/19/94	B09PV8		120.00		
699-40-39	1/19/94	B09PV9		120.00		
699-40-40A	1/12/94	B09PW6		120.00		
699-40-40B	1/12/94	B09PX0		93.00		
699-41-35	1/19/94	B09Q96		150.00		100.00 J
699-41-40	1/14/94	B09PX4		60.00		
699-41-42	1/14/94	B09PX8		31.00		
699-42-37	1/07/94	B09QB0		61.00 B		6.50 U
699-42-39A	1/13/94	B09PY2		54.00		
699-42-39B	1/13/94	B09PY6		77.00		

Table 5-4. Constituents with at Least One Detected Value for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 9)

Well Name	Collection Date	Sample Number	FARSENIC 43/ppb .64/50	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	BIS2EPH 19/ppb 1.1/.
699-42-40A	2/14/94	B09PZ0		96.00		
699-42-40C	1/21/94	B09PZ4		120.00		
699-42-41	1/13/94	B09Q60		7.10 L		
699-42-42B	1/18/94	B09Q01		21.00 Q		
699-43-40	1/13/94	B09SK0		36.00		
699-43-41E	1/14/94	B09Q08		50.00		
699-43-41F	1/19/94	B09Q12		34.00		
699-43-41G	1/14/94	B09Q16		52.00		
699-43-42J	1/18/94	B09Q20		9.90 LQ		
699-43-43	1/04/94	B09PV4		12.00 BL		
699-43-43	1/04/94	B09PV5	7.10		11.00 BL	
699-43-45	1/04/94	B09PV6		32.00 B		
699-43-45	1/04/94	B09PV7	9.00		32.00 B	
699-44-39B	1/17/94	B09Q24		14.00 L		
699-44-42	1/26/94	B09Q28		44.00		
699-44-43B	1/14/94	B09Q32		44.00		
699-44-43B	1/14/94	B09Q33		43.00		

Well Name	Collection Date	Sample Number	CADMIUM 34/ppb 3/10i	FCADMIU 34/ppb 3/10i	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.
299-E18-1	12/15/93	B09NX1	2.00 U		58000.00 Q	
299-E18-1	12/15/93	B09NX5		2.00 U		59000.00 Q
299-E18-1	3/10/94	B0BHM1	4.70 U		54000.00	
299-E32-4	1/12/94	B09QM3	2.00 U		41000.00 B	
299-E32-4	1/12/94	B09QM4		2.00 U		41000.00 B
699-40-36	1/05/94	B09Q92	2.00 U		14000.00 BQ	
699-40-39	1/19/94	B09PV8	4.70 U		21000.00	
699-40-39	1/19/94	B09PV9	4.70 U		21000.00	
699-40-40A	1/12/94	B09PW6	2.00 U		21000.00 B	
699-40-40B	1/12/94	B09PX0	2.00 U		25000.00 B	
699-41-35	1/19/94	B09Q96	4.70 U		19000.00	
699-41-40	1/14/94	B09PX4	4.70 U		29000.00 B	
699-41-42	1/14/94	B09PX8	4.70 U		18000.00 B	
699-42-37	1/07/94	B09QB0	2.00 U		24000.00 BQ	
699-42-39A	1/13/94	B09PY2	4.70 U		30000.00 B	
699-42-39B	1/13/94	B09PY6	4.70 U		28000.00 B	
699-42-40A	2/14/94	B09PZ0	3.80 L		32000.00 B	
699-42-40C	1/21/94	B09PZ4	4.70 U		20000.00 B	
699-42-41	1/13/94	B09Q60	4.70 U		23000.00 B	
699-42-42B	1/18/94	B09Q01	4.70 U		21000.00 Q	
699-43-40	1/13/94	B09SK0	4.70 U		28000.00 B	
699-43-41E	1/14/94	B09Q08	4.70 U		25000.00 B	
699-43-41F	1/19/94	B09Q12	4.70 U		26000.00	
699-43-41G	1/14/94	B09Q16	4.70 U		24000.00 B	
699-43-42J	1/18/94	B09Q20	4.70 U		18000.00 Q	
699-43-43	1/04/94	B09PV4	2.00 U		27000.00 BQ	
699-43-43	1/04/94	B09PV5		2.00 U		27000.00 BQ
699-43-45	1/04/94	B09PV6	2.00 U		26000.00 BQ	
699-43-45	1/04/94	B09PV7		2.00 U		26000.00 BQ
699-44-39B	1/17/94	B09Q24	4.70 U		21000.00	
699-44-42	1/26/94	B09Q28	4.70 U		25000.00	
699-44-43B	1/14/94	B09Q32	4.70 U		25000.00 B	
699-44-43B	1/14/94	B09Q33	4.70 U		25000.00 B	

Table 5-4. Constituents with at Least One Detected Value for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 9)

Well Name	Collection Date	Sample Number	CHLORID 124/ppb 71/250000s	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COPPER 34/ppb 2.6/1000s
299-E18-1	12/15/93	B09NX1		63.00 Q		6.00 U
299-E18-1	12/15/93	B09NX5			6.00 UQ	
299-E18-1	3/10/94	B0BHM1	7300.00	120.00		7.00 L
299-E32-4	1/12/94	B09QM3	9100.00	150.00		4.40 L
299-E32-4	1/12/94	B09QM4			6.00 U	
699-40-36	1/05/94	B09Q92	3400.00	18.00 L		6.00 U
699-40-39	1/19/94	B09PV8		440.00		19.00 L
699-40-39	1/19/94	B09PV9		390.00		22.00
699-40-40A	1/12/94	B09PW6		76.00		6.60 L
699-40-40B	1/12/94	B09PX0		390.00		16.00 L
699-41-35	1/19/94	B09Q96	3200.00	110.00		4.40 L
699-41-40	1/14/94	B09PX4		51.00		5.00 L
699-41-42	1/14/94	B09PX8		25.00		11.00 L
699-42-37	1/07/94	B09QB0	7900.00	72.00		6.00 U
699-42-39A	1/13/94	B09PY2		160.00		7.10 L
699-42-39B	1/13/94	B09PY6		160.00		8.80 L
699-42-40A	2/14/94	B09PZ0		38.00		9.80 L
699-42-40C	1/21/94	B09PZ4		5.42 U		2.65 U
699-42-41	1/13/94	B09Q60		78.00		6.60 L
699-42-42B	1/18/94	B09Q01		52.00		2.65 U
699-43-40	1/13/94	B09SK0		190.00		7.70 L
699-43-41E	1/14/94	B09Q08		280.00		11.00 L
699-43-41F	1/19/94	B09Q12		96.00		2.65 U
699-43-41G	1/14/94	B09Q16		99.00		8.80 L
699-43-42J	1/18/94	B09Q20		180.00		2.65 U
699-43-43	1/04/94	B09PV4	1900.00	67.00		6.00 L
699-43-43	1/04/94	B09PV5			6.00 U	
699-43-45	1/04/94	B09PV6	1900.00	44.00		6.50 L
699-43-45	1/04/94	B09PV7			6.00 U	
699-44-39B	1/17/94	B09Q24		39.00		2.65 U
699-44-42	1/26/94	B09Q28		97.00		6.70 L
699-44-43B	1/14/94	B09Q32		120.00		13.00 LQ
699-44-43B	1/14/94	B09Q33		98.00		8.30 LQ

Well Name	Collection Date	Sample Number	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.
299-E18-1	12/15/93	B09NX1			2.52	12.90
299-E18-1	12/15/93	B09NX5	6.00 U			
299-E18-1	3/10/94	B0BHM1		800.00	3.82	7.63
299-E32-4	1/12/94	B09QM3		900.00	3.45	11.10
299-E32-4	1/12/94	B09QM4	6.00 U			
699-40-36	1/05/94	B09Q92		1000.00	2.45	7.94
699-40-39	1/19/94	B09PV8			3.54	5.65
699-40-39	1/19/94	B09PV9			3.53	5.97
699-40-40A	1/12/94	B09PW6			2.74	8.38
699-40-40B	1/12/94	B09PX0			7.58	8.01
699-41-35	1/19/94	B09Q96		900.00	5.67	8.08
699-41-40	1/14/94	B09PX4			4.01	9.18
699-41-42	1/14/94	B09PX8			3.10	6.35
699-42-37	1/07/94	B09QB0		1100.00	5.47	7.32

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Table 5-4. Constituents with at Least One Detected Value for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 9)

Well Name	Collection Date	Sample Number	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.
699-42-39A	1/13/94	B09PY2			3.57	6.95
699-42-39B	1/13/94	B09PY6			2.55	8.75
699-42-40A	2/14/94	B09PZ0			3.26	9.23 H
699-42-40C	1/21/94	B09PZ4			1.62	11.80
699-42-41	1/13/94	B09Q60			.61 U	3.05
699-42-42B	1/18/94	B09Q01			2.89	5.18
699-43-40	1/13/94	B09SK0			3.32	6.92
699-43-41E	1/14/94	B09Q08			2.95	5.66
699-43-41F	1/19/94	B09Q12			2.09	6.15
699-43-41G	1/14/94	B09Q16			1.05	6.06
699-43-42J	1/18/94	B09Q20			2.22	6.44
699-43-43	1/04/94	B09PV4		200.00	1.06	5.57
699-43-43	1/04/94	B09PV5	6.00 U			
699-43-45	1/04/94	B09PV6		300.00	2.20	5.57
699-43-45	1/04/94	B09PV7	6.00 U			
699-44-39B	1/17/94	B09Q24			1.72	5.76
699-44-42	1/26/94	B09Q28			2.06	4.92
699-44-43B	1/14/94	B09Q32			2.44 Q	5.24
699-44-43B	1/14/94	B09Q33			4.06 Q	6.41

Well Name	Collection Date	Sample Number	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i
299-E18-1	12/15/93	B09NX1	900.00 Q			
299-E18-1	12/15/93	B09NX5		10.00 UQ		
299-E18-1	3/10/94	B0BHM1	1400.00			
299-E32-4	1/12/94	B09QM3	730.00		2.70 BL	
299-E32-4	1/12/94	B09QM4		45.00		1.70 BL
699-40-36	1/05/94	B09Q92	120.00 B			
699-40-39	1/19/94	B09PV8	3600.00			
699-40-39	1/19/94	B09PV9	3200.00			
699-40-40A	1/12/94	B09PW6	580.00			
699-40-40B	1/12/94	B09PX0	1700.00			
699-41-35	1/19/94	B09Q96	4100.00			
699-41-40	1/14/94	B09PX4	300.00			
699-41-42	1/14/94	B09PX8	190.00			
699-42-37	1/07/94	B09QB0	1900.00 B			
699-42-39A	1/13/94	B09PY2	1000.00			
699-42-39B	1/13/94	B09PY6	1700.00			
699-42-40A	2/14/94	B09PZ0	34000.00 B			
699-42-40C	1/21/94	B09PZ4	62.00 B			
699-42-41	1/13/94	B09Q60	480.00			
699-42-42B	1/18/94	B09Q01	250.00 Q			
699-43-40	1/13/94	B09SK0	830.00			
699-43-41E	1/14/94	B09Q08	1200.00			
699-43-41F	1/19/94	B09Q12	520.00			
699-43-41G	1/14/94	B09Q16	470.00			
699-43-42J	1/18/94	B09Q20	770.00 Q			
699-43-43	1/04/94	B09PV4	280.00 B		2.00 U	
699-43-43	1/04/94	B09PV5		23.00 B		2.00 U
699-43-45	1/04/94	B09PV6	250.00 B		7.20	
699-43-45	1/04/94	B09PV7		16.00 BL		3.40 L

Table 5-4. Constituents with at Least One Detected Value for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 5 of 9)

Well Name	Collection Date	Sample Number	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i
699-44-39B	1/17/94	B09Q24	230.00			
699-44-42	1/26/94	B09Q28	390.00 B			
699-44-43B	1/14/94	B09Q32	490.00			
699-44-43B	1/14/94	B09Q33	420.00			

Well Name	Collection Date	Sample Number	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s
299-E18-1	12/15/93	B09NX1	14000.00		26.00	
299-E18-1	12/15/93	B09NX5		14000.00		15.00
299-E18-1	3/10/94	B0BHM1	13000.00		30.00 B	
299-E32-4	1/12/94	B09QM3	13000.00		14.00	
299-E32-4	1/12/94	B09QM4		13000.00		2.30 L
699-40-36	1/05/94	B09Q92	4800.00		87.00	
699-40-39	1/19/94	B09PV8	8200.00		130.00	
699-40-39	1/19/94	B09PV9	8200.00		130.00	
699-40-40A	1/12/94	B09PW6	7700.00		150.00	
699-40-40B	1/12/94	B09PX0	6600.00		220.00	
699-41-35	1/19/94	B09Q96	7300.00		210.00	
699-41-40	1/14/94	B09PX4	11000.00		10.00 L	
699-41-42	1/14/94	B09PX8	6700.00		5.90 L	
699-42-37	1/07/94	B09QB0	9800.00		68.00	
699-42-39A	1/13/94	B09PY2	11000.00		27.00	
699-42-39B	1/13/94	B09PY6	10000.00		190.00	
699-42-40A	2/14/94	B09PZ0	11000.00		1000.00	
699-42-40C	1/21/94	B09PZ4	6200.00		5.10 L	
699-42-41	1/13/94	B09Q60	5400.00		12.00	
699-42-42B	1/18/94	B09Q01	7400.00 Q		5.50 LQ	
699-43-40	1/13/94	B09SK0	10000.00		19.00	
699-43-41E	1/14/94	B09Q08	9800.00		31.00	
699-43-41F	1/19/94	B09Q12	10000.00		12.00	
699-43-41G	1/14/94	B09Q16	9600.00		84.00	
699-43-42J	1/18/94	B09Q20	4800.00 Q		16.00 Q	
699-43-43	1/04/94	B09PV4	6000.00		6.90 L	
699-43-43	1/04/94	B09PV5		6000.00		3.00 U
699-43-45	1/04/94	B09PV6	6200.00		7.30 L	
699-43-45	1/04/94	B09PV7		6200.00		2.60 L
699-44-39B	1/17/94	B09Q24	7900.00		6.30 L	
699-44-42	1/26/94	B09Q28	8500.00		8.00 L	
699-44-43B	1/14/94	B09Q32	9200.00		12.00	
699-44-43B	1/14/94	B09Q33	9000.00		11.00	

Well Name	Collection Date	Sample Number	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.
299-E18-1	12/15/93	B09NX1	34.00			5700.00
299-E18-1	12/15/93	B09NX5		20.00 U		
299-E18-1	3/10/94	B0BHM1	47.00		13000.00 D	5400.00
299-E32-4	1/12/94	B09QM3	82.00		26000.00 D	5700.00
299-E32-4	1/12/94	B09QM4		20.00 U		

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Table 5-4. Constituents with at Least One Detected Value for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 6 of 9)

Well Name	Collection Date	Sample Number	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.
699-40-36	1/05/94	B09Q92	20.00 U		100.00 L	7800.00
699-40-39	1/19/94	B09PV8	200.00			4600.00
699-40-39	1/19/94	B09PV9	180.00			4600.00
699-40-40A	1/12/94	B09PW6	44.00			6800.00
699-40-40B	1/12/94	B09PX0	180.00			4400.00
699-41-35	1/19/94	B09Q96	52.00		300.00	6700.00
699-41-40	1/14/94	B09PX4	27.00 L			4100.00
699-41-42	1/14/94	B09PX8	17.90 U			5700.00
699-42-37	1/07/94	B09QB0	33.00		3600.00 B	4700.00
699-42-39A	1/13/94	B09PY2	80.00			3500.00
699-42-39B	1/13/94	B09PY6	87.00			4600.00
699-42-40A	2/14/94	B09PZ0	30.00 L			3600.00
699-42-40C	1/21/94	B09PZ4	17.90 U			12000.00
699-42-41	1/13/94	B09Q60	59.00			1900.00
699-42-42B	1/18/94	B09Q01	17.90 U			3700.00 Q
699-43-40	1/13/94	B09SK0	99.00			3900.00
699-43-41E	1/14/94	B09Q08	150.00			4800.00
699-43-41F	1/19/94	B09Q12	40.00			4100.00
699-43-41G	1/14/94	B09Q16	52.00			4500.00
699-43-42J	1/18/94	B09Q20	72.00			4300.00 Q
699-43-43	1/04/94	B09PV4	33.00		1000.00	5300.00
699-43-43	1/04/94	B09PV5		20.00 U		
699-43-45	1/04/94	B09PV6	20.00 U		1100.00	4300.00
699-43-45	1/04/94	B09PV7		20.00 U		
699-44-39B	1/17/94	B09Q24	17.90 U			3500.00
699-44-42	1/26/94	B09Q28	47.00			4800.00
699-44-43B	1/14/94	B09Q32	62.00 Q			3700.00
699-44-43B	1/14/94	B09Q33	47.00 Q			4400.00

Well Name	Collection Date	Sample Number	FPOTASS 34/ppb 890/.	RADIUM 137/pCi/L ./5i	SELENUM 48/ppb 1.4/10i	FSELENI 48/ppb 1.4/10i
299-E18-1	12/15/93	B09NX5	5400.00			
299-E32-4	1/12/94	B09QM3		.14	3.00 L	
299-E32-4	1/12/94	B09QM4	5700.00			2.90 L
699-40-36	1/05/94	B09Q92			1.00 U	
699-41-35	1/19/94	B09Q96			1.21 U	
699-42-37	1/07/94	B09QB0			1.00 U	
699-43-43	1/04/94	B09PV4		.08 U	1.00 U	
699-43-43	1/04/94	B09PV5	5300.00			1.00 U
699-43-45	1/04/94	B09PV6		.06 U	1.00 U	
699-43-45	1/04/94	B09PV7	4600.00			1.00 U

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Table 5-4. Constituents with at Least One Detected Value for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 7 of 9)

Well Name	Collection Date	Sample Number	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.	SULFATE 124/ppb 89/250000s	TDS 65/ppm 10/500s
299-E18-1	12/15/93	B09NX1	27000.00 B			
299-E18-1	12/15/93	B09NX5		27000.00 B		
299-E18-1	3/10/94	B0BHM1	25000.00		110000.00 D	340.00
299-E32-4	1/12/94	B09Q52				260.00
299-E32-4	1/12/94	B09QM3	26000.00 B		49000.00 D	
299-E32-4	1/12/94	B09QM4		26000.00 B		
699-40-36	1/05/94	B09Q92	46000.00 B		6400.00	220.00
699-40-39	1/19/94	B09PV8	34000.00 B			180.00
699-40-39	1/19/94	B09PV9	34000.00 B			200.00
699-40-40A	1/12/94	B09PW6	40000.00 B			210.00
699-40-40B	1/12/94	B09PX0	32000.00 B			190.00
699-41-35	1/19/94	B09Q96	42000.00 B		6900.00	210.00
699-41-40	1/14/94	B09PX4	31000.00 B			230.00
699-41-42	1/14/94	B09PX8	23000.00 B			180.00
699-42-37	1/07/94	B09QB0	35000.00 B		27000.00 BD	220.00
699-42-39A	1/13/94	B09PY2	27000.00 B			220.00
699-42-39B	1/13/94	B09PY6	30000.00 B			240.00
699-42-40A	2/14/94	B09PZ0	4900.00			110.00
699-42-40C	1/21/94	B09PZ4	36000.00 B			230.00
699-42-41	1/13/94	B09Q60	3400.00 B			100.00
699-42-42B	1/18/94	B09Q01	18000.00 BQ			170.00
699-43-40	1/13/94	B09SK0	26000.00 B			180.00
699-43-41E	1/14/94	B09Q08	20000.00 B			200.00
699-43-41F	1/19/94	B09Q12	17000.00 B			200.00
699-43-41G	1/14/94	B09Q16	20000.00 B			220.00
699-43-42J	1/18/94	B09Q20	37000.00 BQ			180.00
699-43-43	1/04/94	B09PV4	7700.00 B		8600.00	
699-43-43	1/04/94	B09PV5		7600.00 B		
699-43-43	1/04/94	B09Q44				160.00
699-43-45	1/04/94	B09PV6	8800.00 B		9300.00	
699-43-45	1/04/94	B09PV7		9000.00 B		
699-43-45	1/04/94	B09Q48				160.00
699-44-39B	1/17/94	B09Q24	7600.00 B			140.00
699-44-42	1/26/94	B09Q28	17000.00 B			170.00
699-44-43B	1/14/94	B09Q32	19000.00 B			200.00
699-44-43B	1/14/94	B09Q33	19000.00 B			180.00

Well Name	Collection Date	Sample Number	TDICHPH 19/ppb 2.2/.	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.	URANIUM 145/ppb ./.
299-E18-1	12/15/93	B09NZ1		376.00		
299-E18-1	3/10/94	B0BHM1	2.20 U	335.00	14.00 Q	
299-E32-4	1/12/94	B09QM3		908.00	2.90 Q	3.13
699-40-36	1/05/94	B09Q92	8.90 U	9.27 U	.60 Q	
699-40-39	1/19/94	B09PV8		-13.90 U	22.00 Q	
699-40-39	1/19/94	B09PV9		-117.00 U	17.00 Q	

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Table 5-4. Constituents with at Least One Detected Value for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 8 of 9)

Well Name	Collection Date	Sample Number	TDICHPH 19/ppb 2.2/.	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.	URANIUM 145/ppb ./.
699-40-40A	1/12/94	B09PW6		1110.00	3.80 Q	
699-40-40B	1/12/94	B09PX0		310.00	2.90 Q	
699-41-35	1/19/94	B09Q96	30.00	82.50 U	42.00	
699-41-40	1/14/94	B09PX4		145000.00	2.70	
699-41-42	1/14/94	B09PX8		23000.00	2.20	
699-42-37	1/07/94	B09QB0	8.90 U	70.20 U	20.00	
699-42-39A	1/13/94	B09PY2		73900.00	6.80 Q	
699-42-39B	1/13/94	B09PY6		101000.00	.14 Q	
699-42-40A	2/14/94	B09PZ0		-61.90 U	270.00 Q	
699-42-40C	1/21/94	B09PZ4		6860.00	.30	
699-42-41	1/13/94	B09Q60		5.54 U	3.30 Q	
699-42-42B	1/18/94	B09Q01		48000.00	1.00	
699-43-40	1/13/94	B09SK0		60900.00	2.20 Q	
699-43-41E	1/14/94	B09Q08		85700.00	3.20	
699-43-41F	1/19/94	B09Q12		46000.00	2.50	
699-43-41G	1/14/94	B09Q16		58700.00	1.70	
699-43-42J	1/18/94	B09Q20		9730.00	2.00	
699-43-43	1/04/94	B09PV4		465.00	1.20 Q	
699-43-45	1/04/94	B09PV6		357.00	1.50 Q	
699-44-39B	1/17/94	B09Q24		5550.00	1.80	
699-44-42	1/26/94	B09Q28		2280.00	1.10 Q	
699-44-43B	1/14/94	B09Q32		14100.00	2.10	
699-44-43B	1/14/94	B09Q33		16000.00	2.10	

Well Name	Collection Date	Sample Number	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-E18-1	12/15/93	B09NX1	15.00 BL		1.80 L	
299-E18-1	12/15/93	B09NX5		13.00 BL		5.00 U
299-E18-1	3/10/94	B0BHM1	9.70 L		7.60 L	
299-E32-4	1/12/94	B09QM3	22.00 L		5.00 U	
299-E32-4	1/12/94	B09QM4		18.00 L		5.00 U
699-40-36	1/05/94	B09Q92	11.00 L		2.10 L	
699-40-39	1/19/94	B09PV8	9.00 L		60.00	
699-40-39	1/19/94	B09PV9	10.00 L		55.00	
699-40-40A	1/12/94	B09PW6	7.80 L		9.60 L	
699-40-40B	1/12/94	B09PX0	9.00 U		130.00	
699-41-35	1/19/94	B09Q96	14.00 L		150.00	
699-41-40	1/14/94	B09PX4	27.00 L		3.44 U	
699-41-42	1/14/94	B09PX8	28.00 L		3.44 U	
699-42-37	1/07/94	B09QB0	22.00 L		70.00	
699-42-39A	1/13/94	B09PY2	24.00 L		2.20 L	
699-42-39B	1/13/94	B09PY6	12.00 L		7.40 L	
699-42-40A	2/14/94	B09PZ0	42.00		63.00 B	
699-42-40C	1/21/94	B09PZ4	13.00 L		3.20 LB	
699-42-41	1/13/94	B09Q60	7.60 L		3.44 U	
699-42-42B	1/18/94	B09Q01	30.00 L		10.00	
699-43-40	1/13/94	B09SK0	14.00 L		1.30 L	
699-43-41E	1/14/94	B09Q08	14.00 L		3.70 L	
699-43-41F	1/19/94	B09Q12	21.00 L		18.00	
699-43-41G	1/14/94	B09Q16	16.00 L		3.44 U	

Table 5-4. Constituents with at Least One Detected Value for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 9 of 9)

Well Name	Collection Date	Sample Number	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
699-43-42J	1/18/94	B09Q20	62.00		2.00 L	
699-43-43	1/04/94	B09PV4	36.00		5.00 U	
699-43-43	1/04/94	B09PV5		35.00		5.00 U
699-43-45	1/04/94	B09PV6	31.00		5.00 U	
699-43-45	1/04/94	B09PV7		28.00 L		5.00 U
699-44-39B	1/17/94	B09Q24	14.00 L		3.44 U	
699-44-42	1/26/94	B09Q28	46.00		9.40 LBQ	
699-44-43B	1/14/94	B09Q32	39.00		3.44 U	
699-44-43B	1/14/94	B09Q33	39.00		3.44 U	

For explanation of this table, see Section 1.4 of report.

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Table 5-5. Contamination Indicator Parameters for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 3)

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-E18-1	12/15/93	B09NX1	499	500	8.22	7.50	200 U	5.0 U
		B09NX2	500	500	8.22	7.50	200 U	5.0 U
		B09NX3	500	500	8.23	7.50	200 U	5.0 U
		B09NX4	499	500	8.23	7.60	200 U	5.0 U
	3/10/94	B0BHM1	530	500	7.92		400 L	5.0 U
		B0BHM2	539		7.90		400 L	5.0 U
		B0BHM3	529		7.91		500 L	32.3 F
		B0BHM4	528		7.91		400 L	5.0 U
299-E32-4	1/12/94	B09Q52	414	420	7.56		200 U	
		B09Q53	412	420	7.57		200 U	
		B09Q54	412	420	7.58		200 U	
		B09Q55	412	420	7.58		200 U	
699-40-36	1/05/94	B09Q92	304	320	7.97		200 U	
		B09Q93	305	320	7.97		200 U	
		B09Q94	305	320	7.98		200 U	
		B09Q95	306	320	7.98		200 U	
699-40-39	1/19/94	B09PV8	321	300	8.08		200 U	13.9
		B09PV9	320	310	8.00		200 U	
		B09PW0	319	310	8.01		200 U	5.0 U
		B09PW1	318	300	8.00		200 U	10.4
		B09PW2		300			200 U	9.9
		B09PW3		300			200 U	7.4
		B09PW4		310			200 U	6.3
		B09PW5		300			200 U	6.7
699-40-40A	1/12/94	B09PW6	328	330	7.92		300 L	
		B09PW7	327	330	7.91		300 L	
		B09PW8	327	330	7.91		300 L	
		B09PW9	326	330	7.90		300 L	
699-40-40B	1/12/94	B09PX0	295	310	7.66		300 L	
		B09PX1	295	310	7.66		300 L	
		B09PX2	296	310	7.62		300 L	
		B09PX3	296	310	7.64		300 L	
699-41-35	1/19/94	B09Q96	331	320	7.91		200 U	17.9
		B09Q97	333	320	7.94		200 U	8.7
		B09Q98	331	320	7.91		200 U	11.8
		B09Q99	331	320	7.90		300 L	9.3
699-41-40	1/14/94	B09PX4	360	360	8.01		300 LB	
		B09PX5	363	360	8.00		300 LB	
		B09PX6	362	360	8.02		300 LB	
		B09PX7	363	360	8.02		300 LB	
699-41-42	1/14/94	B09PX8	268	250	8.28		500 LB	
		B09PX9	259	260	8.33		300 LB	
		B09PY0	259	260	8.34		300 LB	
		B09PY1	357	250	8.36		300 LB	
699-42-37	1/07/94	B09QB0	351	360	8.06		200 U	
		B09QB1	350	360	8.05		200 U	
		B09QB2	350	360	8.04		200 U	
		B09QB3	351	360	8.04		800 L	
699-42-39A	1/13/94	B09PY2	343	360	8.04		400 LB	
		B09PY3	343	360	8.02		300 LB	
		B09PY4	343	360	8.04		400 LB	
		B09PY5	343	360	8.05		400 LB	
699-42-39B	1/13/94	B09PY6	345	360	7.93		400 LB	
		B09PY7	345	360	7.92		400 LB	
		B09PY8	346	360	7.90		400 LB	
		B09PY9	345	360	7.90		400 LB	

Table 5-5. Contamination Indicator Parameters for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 3)

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
699-42-40A	2/14/94	B09PZ0	169	180	8.16		700 L	7.7
		B09PZ1	168	180	8.16		700 L	6.1
		B09PZ2	168	180	8.16		800 L	5.2
		B09PZ3	168	180	8.16		800 L	5.0 U
699-42-40C	1/21/94	B09PZ4	318	330	7.97		200 U	7.0
		B09PZ5	316	330	7.98		200 L	
		B09PZ6	314	330	7.98		200 U	5.0 U
		B09PZ7	314	330	7.98		300 L	8.3
699-42-41	1/13/94	B09Q60	169	170	8.07		800 L	
		B09Q61	167	170	8.07		900 L	
		B09Q62	166	170	8.07		800 L	
		B09Q63	166	170	8.08		800 L	
699-42-42B	1/18/94	B09Q01	261	260	8.00		200 U	5.0 U
		B09Q02	258	260	8.00		200 U	8.5
		B09Q03	259	260	8.00		200 L	11.0
		B09Q04	259	260	8.01		200 U	5.0 U
699-43-40	1/13/94	B09SK0	268	300	8.02		600 L	
		B09SK1	280	300	7.98		600 L	
		B09SK2	292	300	7.97		500 L	
		B09SK3	289	300	7.97		500 L	
699-43-41E	1/14/94	B09Q08	310	330	8.20		500 LB	
		B09Q09	310	330	8.18		600 LB	
		B09Q10	310	330	8.18		500 LB	
		B09Q11	311	330	8.17		600 LB	
699-43-41F	1/19/94	B09Q12	299	300	7.99		300 L	5.0 U
		B09Q13	299	300	7.98		300 L	5.0 U
		B09Q14	299	300	7.97		300 L	5.0 U
		B09Q15	299	300	7.98		300 L	5.0 U
699-43-41G	1/14/94	B09Q16	269	300	8.02		500 LB	
		B09Q17	272	300	8.00		500 LB	
		B09Q18	272	290	7.99		500 LB	
		B09Q19	273	290	7.97		500 LB	
699-43-42J	1/18/94	B09Q20	296	300	8.29		200 L	5.0 U
		B09Q21	295	300	8.30		200 L	5.0 U
		B09Q22	296	300	8.29		400 L	5.0 U
		B09Q23	296	300	8.28		200 L	5.0 U
699-43-43	1/04/94	B09Q44	202	230	7.88		500 L	
		B09Q45	202	230	7.89		500 L	
		B09Q46	202	230	7.89		500 L	
		B09Q47		230			500 L	
699-43-45	1/04/94	B09Q48	206	230	7.87		400 L	
		B09Q49	206	230	7.88		400 L	
		B09Q50	206	230	7.88		400 L	
		B09Q51		230			300 L	
699-44-39B	1/17/94	B09Q24	218	210	8.04		500 L	
		B09Q25	218	210	8.03		600 L	
		B09Q26	218	210	8.02		500 L	
		B09Q27	217	210	8.02		500 L	
699-44-42	1/26/94	B09Q28	247	260	8.33		400 L	7.7
		B09Q29	245	260	8.32		400 L	5.0 U
		B09Q30	244	260	8.31		500 L	5.0 U
		B09Q31	244	260	8.31		400 L	5.0 U

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Table 5-5. Contamination Indicator Parameters for the 216-B-3 Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 3)

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
699-44-43B	1/14/94	B09Q32	269	280	8.11		500 LB	
		B09Q33	271	280	8.09		400 LB	
		B09Q34	270	280	8.09		400 LB	
		B09Q35	272	280	8.09		500 LB	
		B09Q36		280			400 LB	
		B09Q37		280			400 LB	
		B09Q38		280			400 LB	
		B09Q39		280			300 LB	

For explanation of this table, see Section 1.4 of report.

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Table 5-6. Constituents Exceeding Drinking Water Standards for Reporting Period January through March 1994, 216-B-3 Pond System.

Constituent	DWS (units)	Wells with results exceeding DWS
Chromium (unfiltered samples)	50 (ppb)	299-18-1, 299-E32-4, 699-40-39, 699-40-40A, 699-40-40B, 699-41-35, 699-41-40, 699-42-37, 699-42-39A, 699-42-39B, 699-42-41, 699-42-42B, 699-43-40, 699-43-41E, 699-43-41F, 699-43-41G, 699-43-42J, 699-43-43, 699-44-42, 699-44-43B
Iron (unfiltered samples)	300 (ppb)	299-E18-1, 299-E32-4, 699-40-39, 699-40-40A, 699-40-40B, 699-41-35, 699-42-37,[a] 699-42-39A, 699-42-39B, 699-42-40A,[a] 699-42-41, 699-43-40, 699-43-41E, 699-43-41F, 699-43-41G, 699-43-42J,[a] 699-44-42, 699-44-43B
Manganese (unfiltered samples)	50 (ppb)	699-40-36, 699-40-39, 699-40-40A, 699-40-40B, 699-41-35, 699-42-37, 699-42-39A, 699-42-40A, 699-43-41G
Tritium	20,000 (pCi/L)	699-41-40, 699-41-42, 699-42-39A, 699-42-39B, 699-42-42B, 699-43-40, 699-43-41E, 699-43-41F, 699-43-41G

[a]A laboratory qualifier or data flag is associated with this result.
DWS = drinking water standards.

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6.0 216-A-29 DITCH

G. L. Kasza
Westinghouse Hanford Company

6.1 INTRODUCTION

The 216-A-29 Ditch (A-29 Ditch) is located east of the 200 East Area in the central portion of the Hanford Site. From 1955 to July 1991, this excavated, unlined ditch received the effluent from the Plutonium-Uranium Extraction (PUREX) Plant Chemical Sewer Line and conducted it to the 216-B-3-3 Ditch and the B Pond System. After July 15, 1991, the flow to the A-29 Ditch was rerouted to the PUREX Cooling Water Line, and the site of the ditch was backfilled, graded, and stabilized as part the *Hanford Federal Facility Agreement and Consent Order* (Ecology et al. 1992), Milestone M-17-10. Because the A-29 Ditch will not receive additional hazardous substances, the DOE proposed that the ditch be permanently closed under RCRA interim status (WAC 173-303-400; 40 CFR 265 Subpart G; and DOE 1987).

Groundwater beneath the A-29 Ditch has been monitored by a RCRA groundwater monitoring network since 1988 because of earlier discharges of caustic and potentially hazardous chemicals to the ditch. The A-29 Ditch is currently in a groundwater quality assessment monitoring program because of elevated specific conductance levels in one monitoring well (299-E25-35) (Chou et al. 1990). The groundwater monitoring activities for the A-29 Ditch also are directed by the *Groundwater Monitoring Plan for the 216-A-29 Ditch* (Kasza and Goodwin 1991).

The RCRA groundwater monitoring network consists of 3 upgradient and 10 downgradient wells. Nine additional wells in the surrounding area are used to provide supplementary data for the groundwater quality assessment investigation. Figure 6-1 shows the locations of the wells used to monitor groundwater quality for the A-29 Ditch. Table 6-1 presents pertinent data about these wells.

6.2 WATER LEVEL MEASUREMENTS

Water levels are measured monthly in the 13 wells comprising the A-29 Ditch monitoring network, and are measured quarterly in the 9 additional wells that provide supplemental analytical data for the groundwater quality assessment investigation. Water level measurements are also recorded whenever the wells are sampled.

Water level measurements obtained during this quarter are presented in Table 6-2. Several inconsistencies were noted when recent data were compared to the water levels previously measured. Water levels reported for well 299-E25-35 on January 3, well 299-E25-43 on January 5, well 299-E25-47 on both January 5 and February 7, 299-E25-48 on January 11, 299-E26-13 on January 5, 699-43-43 on February 7, and 699-43-45 on January 4, 1994, fell outside of the expected ranges. Inspection of the field report sheets does

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not reveal any data transcription or retrieval errors. An attempt will be made to reconcile these suspected errors after additional data are received from future measurements. These data are flagged in Table 6-2.

6.3 WATER CHEMISTRY DATA

Groundwater beneath the A-29 Ditch is sampled quarterly in accordance with the groundwater quality assessment plan (Chou et al. 1990). The constituent list and summary of results are provided in Table 6-3. Reported analytical data are included in Tables 6-4 and 6-5. Table 6-4 provides a list of the wells and analytical results for chemical constituents with at least one value above CRQL. In many cases, the detected values are from the wells that are monitored to provide comparative regional data for the groundwater quality assessment investigation. Results of analyses for CIPs are reported in Table 6-5.

Constituents reported in concentrations that exceed the DWS for the A-29 Ditch detection network wells include unfiltered chromium in wells 299-E25-32P, 299-E25-34, 299-E25-35, 299-E25-42, 299-E25-43, 299-E25-47, 299-E25-48, 299-E26-12, and 699-43-43; unfiltered iron in wells 299-E25-32P, 299-E25-34, 299-E25-35, 299-E25-42, 299-E25-43, 299-E25-47, 299-E25-48, and 299-26-12; tritium in wells 299-E25-32P, 299-E25-35, and 299-E25-42; and pH in well 299-E25-35.

Constituents reported in concentrations that exceed the DWS at the wells that provide regional data for the A-29 Ditch groundwater quality assessment investigation include unfiltered chromium in well 299-E17-20, 299-E25-11, 299-E25-31, and 299-E25-36; unfiltered iron in wells 299-E17-20, 299-E25-11, 299-E25-31, and 299-E25-36; nitrate in wells 299-E17-15, 299-E17-20, 299-E25-19, and 299-E25-20; tritium in wells 299-E17-15, 299-E17-20, 299-E25-11, 299-E25-18, 299-E25-19, and 299-E25-20.

Suspect data are flagged in Tables 6-4 and 6-5 according to the explanation found in Section 1.4.

Previously nonreported and re-reported analytical data for the A-29 groundwater monitoring network are included in Appendix A of this report.

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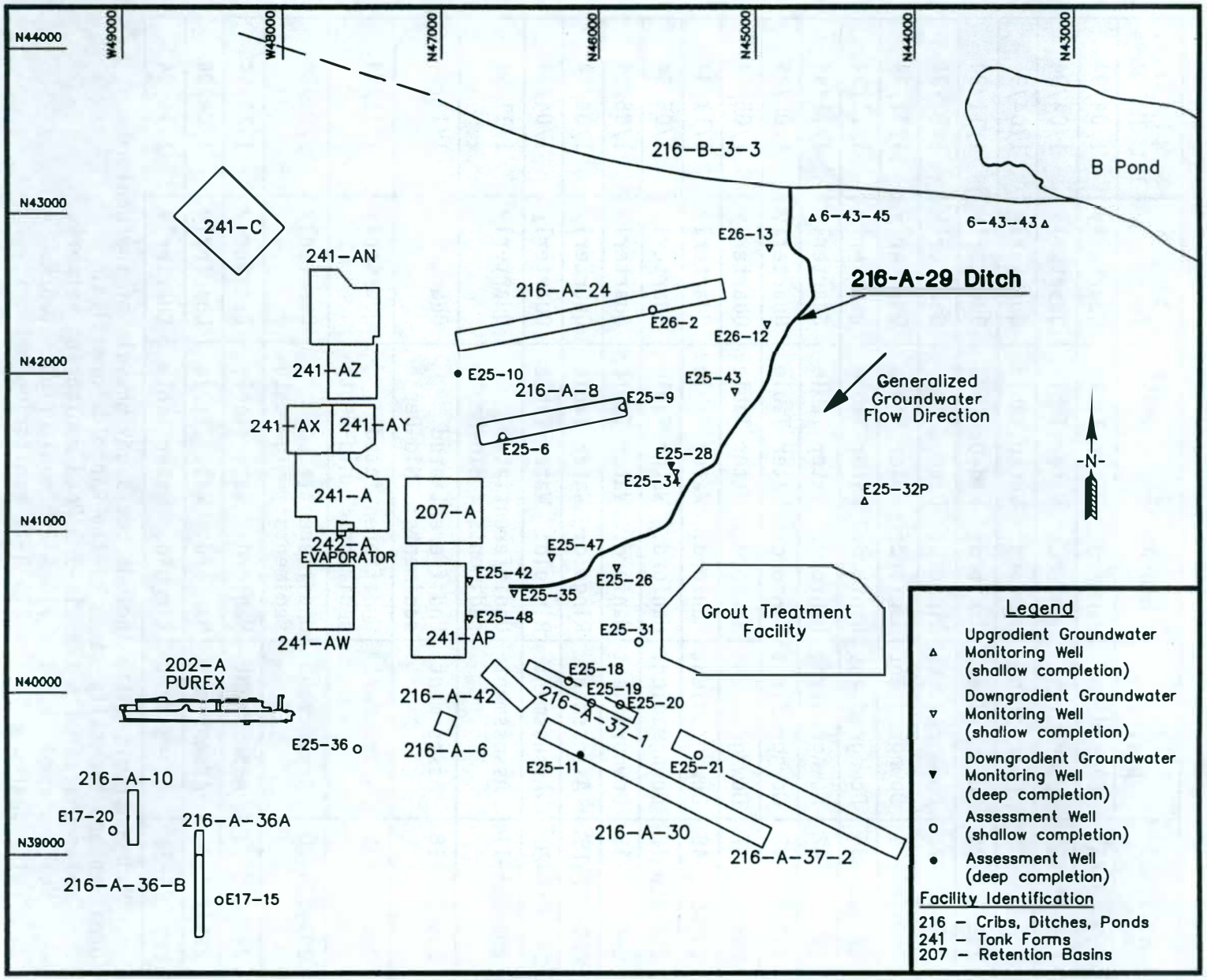

Figure 6-1. Well Location Map for the 216-A-29 Ditch.

Table 6-1. Monitoring Well Purpose and Sampling Schedule for the 216-A-29 Ditch.

Well no.	Relative position	Hydrogeologic unit[a]	Sample frequency	Sample date, 1st Qtr 1994
699-43-43[b]	Upgradient	Hanford: Water Table	Quarterly	1/04/94
699-43-45[b]	Upgradient	Hanford: Water Table	Quarterly	1/04/94
299-E25-32P	Upgradient	Hanford: Water Table	Quarterly	1/04/94
299-E25-26	Downgradient	Hanford: Mid-Depth	Quarterly	1/11/94
299-E25-28	Downgradient	Ringold: Deep	Quarterly	1/07/94
299-E25-34	Downgradient	Hanford: Water Table	Quarterly	1/11/94
299-E25-35	Downgradient	Hanford: Water Table	Quarterly	1/11/94
299-E25-42	Downgradient	Hanford: Water Table	Quarterly	1/11/94
299-E25-43	Downgradient	Hanford: Water Table	Quarterly	1/05/94
299-E25-47	Downgradient	Hanford: Water Table	Quarterly	1/05/94
299-E25-48	Downgradient	Hanford: Water Table	Quarterly	1/11/94
299-E26-12	Downgradient	Hanford: Water Table	Quarterly	1/05/94
299-E26-13	Downgradient	Hanford: Water Table	Quarterly	1/05/94
299-E17-15[c]	Assessment	Ringold: Water Table	Quarterly	1/04/94
299-E17-20[d]	Assessment	Ringold: Water Table	Quarterly	1/04/94
299-E25-11	Assessment	Undifferentiated sediments: Mid-Depth	Quarterly	1/11/94
299-E25-18	Assessment	Undifferentiated sediments: Mid-Depth	Quarterly	1/11/94
299-E25-19	Assessment	Undifferentiated sediments: Mid-Depth	Quarterly	1/11/94
299-E25-20	Assessment	Undifferentiated sediments: Mid-Depth	Quarterly	1/04/94
299-E25-21	Assessment	Hanford: Water Table	Quarterly	1/11/94
299-E25-31	Assessment	Hanford: Water Table	Quarterly	1/04/94
299-E25-36[d]	Assessment	Ringold: Water Table	Quarterly	1/11/94

[a]Hydrogeologic units include the sandy gravels of the Hanford formation and the silty sands of the Ringold Formation.
[b]Wells shared with the 216-B-3 Pond monitoring network.
[c]Wells shared with the 216-A-36B monitoring network.
[d]Wells shared with the 216-A-10 monitoring network.

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Table 6-2. RCRA Water Level Measurement Report for the 216-A-29 Ditch, First Quarter 1994. (sheet 1 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells in the Detection Monitoring System			
299-E25-26	1/03/94	266.82	401.70
	1/11/94	266.51	402.01*
	2/07/94	266.84	401.68
	3/21/94	266.94	401.58
299-E25-28	1/03/94	260.43	402.01
	1/07/94	260.60	401.84*
	2/07/94	260.41	402.03
	3/21/94	260.52	401.92
299-E25-32P	1/03/94	268.18	401.86
	1/04/94	268.09	401.95*
	2/07/94	268.18	401.86
	3/21/94	268.32	401.72
299-E25-34	1/03/94	260.95	401.92
	1/11/94	260.84	402.03*
	2/07/94	260.93	401.94
	3/21/94	261.04	401.83
299-E25-35	1/03/94	273.88	400.51+
	2/07/94	272.74	401.65
	3/21/94	272.82	401.57
299-E25-42	1/03/94	281.49	401.80
	1/11/94	281.35	401.94*
	2/07/94	281.44	401.85
	3/21/94	281.55	401.74
299-E25-43	1/03/94	247.72	402.17
	1/05/94	248.37	401.52*+
	2/07/94	247.72	402.17
	3/21/94	247.83	402.06
299-E25-47	1/03/94	271.77	402.00
	1/05/94	272.48	401.29*+
	2/07/94	271.47	402.30+
	3/21/94	271.96	401.81

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Table 6-2. RCRA Water Level Measurement Report for the 216-A-29 Ditch, First Quarter 1994. (sheet 2 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells in the Detection Monitoring System			
299-E25-48	1/03/94	280.38	401.93
	1/11/94	279.85	402.46*+
	2/07/94	280.36	401.95
	3/21/94	280.53	401.78
299-E26-12	1/03/94	228.41	402.33
	1/05/94	228.29	402.45*
	2/07/94	228.41	402.33
	3/21/94	228.53	402.21
299-E26-13	1/03/94	202.75	402.27
	1/05/94	202.21	402.81*+
	2/07/94	202.68	402.34
	3/21/94	202.88	402.14
699-43-43	1/03/94	164.98	414.39
	2/07/94	163.99	415.38+
	3/21/94	164.83	414.54
699-43-45	1/03/94	195.00	402.68
	1/04/94	191.89	405.79*+
	2/07/94	195.04	402.64
	3/21/94	195.17	402.51
Supplemental Wells for Assessment Monitoring			
299-E17-15	3/28/94	321.25	400.53
299-E17-20	1/04/94	317.81	401.42*
	3/28/94	318.75	400.48
299-E25-11	1/11/94	279.33	401.95*
	3/30/94	279.74	401.54
299-E25-18	1/11/94	276.77	402.28*
	3/30/94	277.43	401.62
299-E25-19	1/11/94	275.90	401.30*
	3/30/94	275.74	401.46

Table 6-2. RCRA Water Level Measurement Report for the 216-A-29 Ditch, First Quarter 1994. (sheet 3 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Supplemental Wells for Assessment Monitoring			
299-E25-20	1/04/94	274.79	401.51*
	3/30/94	274.87	401.43
299-E25-21	1/11/94	275.61	401.66*
299-E25-31	1/04/94	272.32	402.32*
299-E25-36	1/11/94	305.90	401.49*
	3/28/94	305.96	401.43
299-E25-6	3/30/94	259.36	398.95
299-E25-9	3/30/94	255.42	399.44
299-E26-2	3/30/94	233.46	401.84

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. Elevations marked with a '+' are outside of the expected range, and are suspected of error.
5. To convert from feet to meters multiply by 0.3048.

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Table 6-3. Constituent List and Summary of Results for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 3)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			51	51	
CONDUCT	73	Conductivity, lab	µmho				28	28	
TOC		Total Organic Carbon	ppb	320			54	49	
PH		pH, field	pH	.01	6.5-8.5	EPAS	51	51	4

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
2,4,5TP		2,4,5-TP	ppb	.015	50	EPA	23	0	0
2,4-D		2,4-D	ppb	.052	100	EPAI	23	0	0
ARSENIC		Arsenic	ppb	.64	50	EPA	23	23	0
FARSENIC		Arsenic, filtered	ppb	.64	50	EPA	23	23	0
BARIUM		Barium	ppb	1.3	1000	EPAI	23	23	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	23	23	0
CADMIUM		Cadmium	ppb	3	10	EPAI	23	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	23	1	0
CHROMUM		Chromium	ppb	11	50	EPAI	23	16	13
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	23	0	0
ENDRIN		Endrin	ppb	.0042	.2	EPA	23	0	0
FLUORID		Fluoride	ppb	51	1400	EPAI	23	23	0
ALPHA		Gross alpha	pCi/L		15	EPA	23	15	0
MERCURY		Mercury	ppb	.095	2	EPA	23	0	0
FMERCUR		Mercury, filtered	ppb	.095	2	EPA	23	0	0
METHLOR		Methoxychlor	ppb	.022	100	EPAI	23	0	0
NITRATE		Nitrate	ppb	96	45000	EPA	23	23	4
RADIUM		Radium	pCi/L		5	EPAI	23	4	0
SELENUM		Selenium	ppb	1.4	10	EPAI	23	2	0
FSELENI		Selenium, filtered	ppb	1.4	10	EPAI	23	3	0
TOXAENE		Toxaphene	ppb	.7	5	EPAI	23	0	0
g-BHC		gamma-BHC (Lindane)	ppb	.0015	4	EPAI	23	0	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	23	23	0
IRON		Iron	ppb	18	300	EPAS	23	23	12
FIRON		Iron, filtered	ppb	18	300	EPAS	23	16	0
MANGESE		Manganese	ppb	1	50	EPAS	23	21	1
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	23	17	0
LPHENOL		Phenol	ppb	.57			23	1	
SODIUM		Sodium	ppb	150			23	23	
FSODIUM		Sodium, filtered	ppb	150			23	23	
SULFATE		Sulfate	ppb	89	250000	EPAS	23	23	0

Table 6-3. Constituent List and Summary of Results for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 3)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
2,4,5-T		2,4,5-T	ppb	.018			23	0	
246-trp		2,4,6-Trichlorophenol	ppb	1.6			23	0	
24-dchp		2,4-Dichlorophenol	ppb	1.5			23	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			23	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			23	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			23	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			23	0	
2NITPH		2-Nitrophenol	ppb	1.7			23	0	
BUTDINP	30	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			23	0	
BUTDINP	49	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	.24			23	0	
DDD		4,4'-DDD	ppb	.0039			23	0	
DDE		4,4'-DDE	ppb	.0015			23	0	
DDT		4,4'-DDT	ppb	.0012			23	0	
46DN2MP		4,6-Dinitro-2-methylphenol	ppb	1.6			23	0	
CHLCRES		4-Chloro-3-methylphenol	ppb	1.5			23	0	
NITPHEN		4-Nitrophenol	ppb	1.4			23	0	
ALDRIN		Aldrin	ppb	.0018			23	0	
a-BHC		Alpha-BHC	ppb	.003			23	0	
ALUMNUM		Aluminum	ppb	19			23	6	
FALUMIN		Aluminum, filtered	ppb	19			23	0	
AMMONIU		Ammonium ion	ppb	38.5			23	18	
ANTIONY		Antimony	ppb	26			23	0	
FANTIMO		Antimony, filtered	ppb	26			23	0	
BERYLUM		Beryllium	ppb	1.5			23	0	
FBERYLL		Beryllium, filtered	ppb	1.5			23	0	
b-BHC		Beta-BHC	ppb	.0013			23	0	
BROMIDE		Bromide	ppb	110			23	0	
CALCIUM		Calcium	ppb	47			23	23	
FCALCIU		Calcium, filtered	ppb	47			23	23	
CHLOANE		Chlordane	ppb	.042	2	EPA	23	0	0
COBALT		Cobalt	ppb	6.5			23	0	
FCOBALT		Cobalt, filtered	ppb	6.5			23	0	
COLIFORM		Coliforms	COL	1	1	EPAI	23	0	0
COPPER		Copper	ppb	2.6	1000	EPAS	23	17	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	23	6	0
CRESOLS		Cresols (methylphenols)	ppb	4.8			23	0	
d-BHC		Delta-BHC	ppb	.0018			23	0	
DIELRIN		Dieldrin	ppb	.0021			23	0	
ENDO1		Endosulfan I	ppb	.0018			23	0	
ENDO2		Endosulfan II	ppb	.0012			23	0	
ENDSFAN		Endosulfan sulfate	ppb	.0018			23	0	
ENDRALD		Endrin Aldehyde	ppb	.0039			23	0	
BETA		Gross beta	pCi/L				23	23	
HEPTLOR		Heptachlor	ppb	.0015	.4	EPA	23	0	0
HEPTIDE		Heptachlor epoxide	ppb	.0012	.2	EPA	23	0	0
LHYDRAZ		Hydrazine	ppb	2.3			23	0	
LEAD		Lead	ppb	.86	50	EPAI	23	8	0
FLEAD		Lead, filtered	ppb	.86	50	EPAI	23	10	0
MAGNES		Magnesium	ppb	25			23	23	
FMAGNES		Magnesium, filtered	ppb	25			23	23	
NICKEL		Nickel	ppb	16			23	12	
FNICKEL		Nickel, filtered	ppb	16			23	0	
NITRITE		Nitrite	ppb	110	1000	EPA	23	0	0
PENTCHP		Pentachlorophenol	ppb	1.7	1	EPA	23	0	19*
PHOSPHA		Phosphate	ppb	470			23	0	
POTASUM		Potassium	ppb	890			23	23	
FPOTASS		Potassium, filtered	ppb	890			23	23	

Table 6-3. Constituent List and Summary of Results for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 3)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
SILVER		Silver	ppb	3.4	50	EPAI	23	0	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	23	0	0
TETPHNL		Tetrachlorophenols	ppb	1.4			23	0	
TIN		Tin	ppb	24			23	0	
FTIN		Tin, filtered	ppb	24			23	0	
TDS		Total Dissolved Solids	ppm	10	500	EPAS	2	2	0
TRIPHNL		Trichlorophenols	ppb	2.1			23	0	
TRITIUM		Tritium	pCi/L		20000	EPA	23	23	10
TURBID		Turbidity	NTU	.016			23	23	
VANADUM		Vanadium	ppb	6.4			23	22	
FVANADI		Vanadium, filtered	ppb	6.4			23	22	
ZINC		Zinc	ppb	4.4	5000	EPAS	23	5	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	23	1	0

For explanation of this table, see Section 1.4 of report.

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Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 12)

Well Name	Collection Date	Sample Number	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	AMMONIU 129/ppb 38.5/.	ARSENIC 43/ppb .64/50
299-E17-15	1/04/94	B09PP7	40.00 U		90.00 LQ	7.80
299-E17-15	1/04/94	B09PP8		40.00 U		
299-E17-20	1/04/94	B09PP9	40.00 U		80.00 LQ	6.90
299-E17-20	1/04/94	B09PQ0		40.00 U		
299-E25-11	1/11/94	B09PQ1	40.00 U		70.00 LQ	9.60
299-E25-11	1/11/94	B09PQ2		40.00 U		
299-E25-18	1/11/94	B09PQ3	40.00 U		38.50 UQ	9.80
299-E25-18	1/11/94	B09PQ4	40.00 U		70.00 LQ	9.20
299-E25-18	1/11/94	B09PQ5		40.00 U		
299-E25-18	1/11/94	B09PQ6		40.00 U		
299-E25-19	1/11/94	B09PQ7	40.00 U		100.00 Q	9.30
299-E25-19	1/11/94	B09PQ8		40.00 U		
299-E25-20	1/04/94	B09PQ9	40.00 U		100.00 Q	8.80
299-E25-20	1/04/94	B09PR0		40.00 U		
299-E25-21	1/11/94	B09PR1	40.00 U		70.00 LQ	11.00
299-E25-21	1/11/94	B09PR2		40.00 U		
299-E25-26	1/11/94	B09PR3	40.00 U		80.00 LQ	6.00
299-E25-26	1/11/94	B09PR4		40.00 U		
299-E25-28	1/07/94	B09PR5	40.00 U		60.00 LQ	8.60
299-E25-28	1/07/94	B09PR6		40.00 U		
299-E25-31	1/04/94	B09PR7	94.00 L		80.00 LQ	7.80
299-E25-31	1/04/94	B09PR8		40.00 U		
299-E25-32P	1/04/94	B09PR9	40.00 U		70.00 LQ	2.90 L
299-E25-32P	1/04/94	B09PS0		40.00 U		
299-E25-34	1/11/94	B09PS1	40.00 U		100.00 Q	7.30
299-E25-34	1/11/94	B09PS2		40.00 U		
299-E25-35	1/11/94	B09Q72	71.00 L		38.50 UQ	13.00
299-E25-35	1/11/94	B09Q76		40.00 U		
299-E25-36	1/11/94	B09PS3	40.00 U		60.00 LQ	7.70
299-E25-36	1/11/94	B09PS4		40.00 U		
299-E25-42	1/11/94	B09Q77	160.00 L		38.50 UQ	8.90
299-E25-42	1/11/94	B09Q81		40.00 U		
299-E25-43	1/05/94	B09PS5	100.00 L		70.00 LQ	8.70
299-E25-43	1/05/94	B09PS9		40.00 U		
299-E25-47	1/05/94	B09Q82	250.00		38.50 UQ	12.00
299-E25-47	1/05/94	B09Q86		40.00 U		
299-E25-48	1/11/94	B09Q87	950.00		60.00 LQ	2.10 L
299-E25-48	1/11/94	B09Q91		40.00 U		
299-E26-12	1/05/94	B09PT0	40.00 U		70.00 LQ	8.90
299-E26-12	1/05/94	B09PT4		40.00 U		
299-E26-13	1/05/94	B09PT5	40.00 U		80.00 LQ	9.20
299-E26-13	1/05/94	B09PT9		40.00 U		
699-43-43	1/04/94	B09PV4	40.00 U		60.00 LQ	7.40
699-43-43	1/04/94	B09PV5		40.00 U		
699-43-45	1/04/94	B09PV6	40.00 U		38.50 UQ	8.90
699-43-45	1/04/94	B09PV7		40.00 U		

Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 12)

Well Name	Collection Date	Sample Number	FARSENIC 43/ppb .64/50	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	CADMIUM 34/ppb 3/10i
299-E17-15	1/04/94	B09PP7		44.00 B		2.00 U
299-E17-15	1/04/94	B09PP8	8.10		45.00 B	
299-E17-20	1/04/94	B09PP9		55.00 B		2.00 U
299-E17-20	1/04/94	B09PQ0	6.70		54.00 B	
299-E25-11	1/11/94	B09PQ1		20.00 L		2.00 U
299-E25-11	1/11/94	B09PQ2	9.70		19.00 L	
299-E25-18	1/11/94	B09PQ3		15.00 L		2.00 U
299-E25-18	1/11/94	B09PQ4		15.00 L		2.00 U
299-E25-18	1/11/94	B09PQ5	9.60		15.00 LQ	
299-E25-18	1/11/94	B09PQ6	9.60		11.00 LQ	
299-E25-19	1/11/94	B09PQ7		37.00		2.00 U
299-E25-19	1/11/94	B09PQ8	9.50		36.00	
299-E25-20	1/04/94	B09PQ9		29.00 B		2.00 U
299-E25-20	1/04/94	B09PR0	9.40		29.00 B	
299-E25-21	1/11/94	B09PR1		11.00 L		2.00 U
299-E25-21	1/11/94	B09PR2	12.00		11.00 L	
299-E25-26	1/11/94	B09PR3		13.00 L		2.00 U
299-E25-26	1/11/94	B09PR4	5.40		14.00 L	
299-E25-28	1/07/94	B09PR5		17.00 BL		2.00 U
299-E25-28	1/07/94	B09PR6	8.40		16.00 BL	
299-E25-31	1/04/94	B09PR7		24.00 B		2.00 U
299-E25-31	1/04/94	B09PR8	7.30		22.00 B	
299-E25-32P	1/04/94	B09PR9		11.00 BL		2.00 U
299-E25-32P	1/04/94	B09PS0	3.10 L		11.00 BL	
299-E25-34	1/11/94	B09PS1		21.00		2.00 U
299-E25-34	1/11/94	B09PS2	8.10		21.00	
299-E25-35	1/11/94	B09Q72		22.00		2.00 U
299-E25-35	1/11/94	B09Q76	13.00		20.00	
299-E25-36	1/11/94	B09PS3		22.00		2.00 U
299-E25-36	1/11/94	B09PS4	7.80		23.00	
299-E25-42	1/11/94	B09Q77		30.00		2.00 U
299-E25-42	1/11/94	B09Q81	8.80		29.00	
299-E25-43	1/05/94	B09PS5		22.00 B		2.00 U
299-E25-43	1/05/94	B09PS9	8.00		22.00 B	
299-E25-47	1/05/94	B09Q82		24.00 B		2.00 U
299-E25-47	1/05/94	B09Q86	12.00		22.00 B	
299-E25-48	1/11/94	B09Q87		39.00		2.00 U
299-E25-48	1/11/94	B09Q91	7.80		29.00	
299-E26-12	1/05/94	B09PT0		16.00 BL		2.00 U
299-E26-12	1/05/94	B09PT4	9.00		15.00 BL	
299-E26-13	1/05/94	B09PT5		17.00 BL		2.00 U
299-E26-13	1/05/94	B09PT9	9.30		16.00 BL	
699-43-43	1/04/94	B09PV4		12.00 BL		2.00 U
699-43-43	1/04/94	B09PV5	7.10		11.00 BL	
699-43-45	1/04/94	B09PV6		32.00 B		2.00 U
699-43-45	1/04/94	B09PV7	9.00		32.00 B	

Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 12)

Well Name	Collection Date	Sample Number	FCADMIU 34/ppb 3/10i	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	CHLORID 124/ppb 71/250000s
299-E17-15	1/04/94	B09PP7		48000.00 BQ		3800.00
299-E17-15	1/04/94	B09PP8	2.00 U		49000.00 BQ	
299-E17-20	1/04/94	B09PP9		46000.00 BQ		5300.00
299-E17-20	1/04/94	B09PQ0	2.00 U		46000.00 BQ	
299-E25-11	1/11/94	B09PQ1		23000.00		2500.00
299-E25-11	1/11/94	B09PQ2	2.00 U		23000.00	
299-E25-18	1/11/94	B09PQ3		28000.00		2700.00
299-E25-18	1/11/94	B09PQ4		28000.00		2700.00
299-E25-18	1/11/94	B09PQ5	2.00 U		28000.00 Q	
299-E25-18	1/11/94	B09PQ6	2.00 U		21000.00 Q	
299-E25-19	1/11/94	B09PQ7		33000.00		2700.00
299-E25-19	1/11/94	B09PQ8	2.00 U		32000.00	
299-E25-20	1/04/94	B09PQ9		34000.00 BQ		3400.00
299-E25-20	1/04/94	B09PR0	2.00 U		35000.00 BQ	
299-E25-21	1/11/94	B09PR1		18000.00		2400.00
299-E25-21	1/11/94	B09PR2	2.00 U		17000.00	
299-E25-26	1/11/94	B09PR3		24000.00		1800.00
299-E25-26	1/11/94	B09PR4	2.00 U		24000.00	
299-E25-28	1/07/94	B09PR5		24000.00 BQ		2300.00
299-E25-28	1/07/94	B09PR6	2.00 U		24000.00 BQ	
299-E25-31	1/04/94	B09PR7		22000.00 BQ		1900.00
299-E25-31	1/04/94	B09PR8	2.00 U		22000.00 BQ	
299-E25-32P	1/04/94	B09PR9		21000.00 BQ		2400.00
299-E25-32P	1/04/94	B09PS0	3.90 L		21000.00 BQ	
299-E25-34	1/11/94	B09PS1		27000.00		2100.00
299-E25-34	1/11/94	B09PS2	2.00 U		27000.00	
299-E25-35	1/11/94	B09Q72		27000.00		3200.00
299-E25-35	1/11/94	B09Q76	2.00 U		26000.00	
299-E25-36	1/11/94	B09PS3		29000.00		4200.00
299-E25-36	1/11/94	B09PS4	2.00 U		29000.00	
299-E25-42	1/11/94	B09Q77		36000.00		5200.00
299-E25-42	1/11/94	B09Q81	2.00 U		36000.00	
299-E25-43	1/05/94	B09PS5		27000.00 BQ		2200.00
299-E25-43	1/05/94	B09PS9	2.00 U		27000.00 BQ	
299-E25-47	1/05/94	B09Q82		23000.00 BQ		3000.00
299-E25-47	1/05/94	B09Q86	2.00 U		23000.00 BQ	
299-E25-48	1/11/94	B09Q87		26000.00		3900.00
299-E25-48	1/11/94	B09Q91	2.00 U		26000.00	
299-E26-12	1/05/94	B09PT0		29000.00 BQ		2300.00
299-E26-12	1/05/94	B09PT4	2.00 U		29000.00 BQ	
299-E26-13	1/05/94	B09PT5		29000.00 BQ		1900.00
299-E26-13	1/05/94	B09PT9	2.00 U		30000.00 BQ	
699-43-43	1/04/94	B09PV4		27000.00 BQ		1900.00
699-43-43	1/04/94	B09PV5	2.00 U		27000.00 BQ	
699-43-45	1/04/94	B09PV6		26000.00 BQ		1900.00
699-43-45	1/04/94	B09PV7	2.00 U		26000.00 BQ	

Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 12)

Well Name	Collection Date	Sample Number	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s
299-E17-15	1/04/94	B09PP7	26.00		4.60 L	
299-E17-15	1/04/94	B09PP8		6.00 U		5.60 L
299-E17-20	1/04/94	B09PP9	54.00		34.00	
299-E17-20	1/04/94	B09PQ0		6.00 U		4.60 L
299-E25-11	1/11/94	B09PQ1	78.00		7.20 L	
299-E25-11	1/11/94	B09PQ2		6.00 U		6.00 U
299-E25-18	1/11/94	B09PQ3	6.00 U		8.80 L	
299-E25-18	1/11/94	B09PQ4	6.00 U		9.90 L	
299-E25-18	1/11/94	B09PQ5		6.00 U		6.00 U
299-E25-18	1/11/94	B09PQ6		6.00 U		6.00 U
299-E25-19	1/11/94	B09PQ7	6.00 U		6.00 U	
299-E25-19	1/11/94	B09PQ8		6.00 U		6.00 U
299-E25-20	1/04/94	B09PQ9	6.00 U		4.20 L	
299-E25-20	1/04/94	B09PR0		6.00 U		6.00 U
299-E25-21	1/11/94	B09PR1	6.00 U		6.00 U	
299-E25-21	1/11/94	B09PR2		7.90 L		6.00 U
299-E25-26	1/11/94	B09PR3	6.00 U		6.00 U	
299-E25-26	1/11/94	B09PR4		6.00 U		6.00 U
299-E25-28	1/07/94	B09PR5	6.00 U		6.00 U	
299-E25-28	1/07/94	B09PR6		6.00 U		6.00 U
299-E25-31	1/04/94	B09PR7	66.00		6.00 U	
299-E25-31	1/04/94	B09PR8		6.00 U		6.00 U
299-E25-32P	1/04/94	B09PR9	140.00		6.00 U	
299-E25-32P	1/04/94	B09PS0		6.00 U		5.60 L
299-E25-34	1/11/94	B09PS1	58.00		5.00 L	
299-E25-34	1/11/94	B09PS2		7.10 L		6.00 U
299-E25-35	1/11/94	B09Q72	63.00		5.00 L	
299-E25-35	1/11/94	B09Q76		6.00 U		6.00 U
299-E25-36	1/11/94	B09PS3	110.00		6.60 L	
299-E25-36	1/11/94	B09PS4		6.00 U		6.00 U
299-E25-42	1/11/94	B09Q77	230.00		14.00 L	
299-E25-42	1/11/94	B09Q81		6.00 U		4.40 L
299-E25-43	1/05/94	B09PS5	120.00		7.40 L	
299-E25-43	1/05/94	B09PS9		6.00 U		5.10 L
299-E25-47	1/05/94	B09Q82	59.00		4.60 L	
299-E25-47	1/05/94	B09Q86		6.00 U		6.00 U
299-E25-48	1/11/94	B09Q87	55.00		5.00 L	
299-E25-48	1/11/94	B09Q91		6.00 U		6.00 U
299-E26-12	1/05/94	B09PT0	120.00		8.80 L	
299-E26-12	1/05/94	B09PT4		6.00 U		6.00 U
299-E26-13	1/05/94	B09PT5	48.00		6.90 L	
299-E26-13	1/05/94	B09PT9		6.00 U		4.20 L
699-43-43	1/04/94	B09PV4	67.00		6.00 L	
699-43-43	1/04/94	B09PV5		6.00 U		6.00 U
699-43-45	1/04/94	B09PV6	44.00		6.50 L	
699-43-45	1/04/94	B09PV7		6.00 U		6.00 U

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Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 5 of 12)

Well Name	Collection Date	Sample Number	FLUORIO 124/ppb 51/1400i	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	IRON 34/ppb 18/300s
299-E17-15	1/04/94	B09PP7	400.00	6.55	80.90	120.00 B
299-E17-20	1/04/94	B09PP9	400.00	3.07	25.10	350.00 B
299-E25-11	1/11/94	B09PQ1	300.00	.91 U	10.90	1000.00
299-E25-18	1/11/94	B09PQ3	500.00 Q	.94 U	5.69 Q	220.00
299-E25-18	1/11/94	B09PQ4	700.00 Q	.37 U	8.51 Q	240.00
299-E25-19	1/11/94	B09PQ7	800.00	1.04 U	7.13	170.00
299-E25-20	1/04/94	B09PQ9	700.00	1.16 U	9.76	170.00 B
299-E25-21	1/11/94	B09PR1	400.00	1.80	5.92	150.00
299-E25-26	1/11/94	B09PR3	300.00	.83 U	4.79	81.00
299-E25-28	1/07/94	B09PR5	300.00	2.47	4.22	32.00 B
299-E25-31	1/04/94	B09PR7	400.00	1.65	4.14	850.00 B
299-E25-32P	1/04/94	B09PR9	200.00	1.21	3.11	620.00 B
299-E25-34	1/11/94	B09PS1	200.00	1.55	3.93	320.00
299-E25-35	1/11/94	B09Q72	900.00	1.06 U	3.67	670.00
299-E25-36	1/11/94	B09PS3	300.00	2.33	6.78	500.00
299-E25-42	1/11/94	B09Q77	800.00	5.41	5.82	1200.00
299-E25-43	1/05/94	B09PS5	200.00	1.38	5.52	630.00 B
299-E25-47	1/05/94	B09Q82	400.00	1.70	5.79	660.00 B
299-E25-48	1/11/94	B09Q87	300.00	2.70	5.35	2400.00
299-E26-12	1/05/94	B09PT0	200.00	.78 U	6.31	490.00 B
299-E26-13	1/05/94	B09PT5	200.00	1.84	6.46	210.00 B
699-43-43	1/04/94	B09PV4	200.00	1.06	5.57	280.00 B
699-43-45	1/04/94	B09PV6	300.00	2.20	5.57	250.00 B

Well Name	Collection Date	Sample Number	FIRON 34/ppb 18/300s	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i	MAGNES 34/ppb 25/.
299-E17-15	1/04/94	B09PP7		2.10 L		12000.00
299-E17-15	1/04/94	B09PP8	17.00 BL		1.40 L	
299-E17-20	1/04/94	B09PP9		.85 L		13000.00
299-E17-20	1/04/94	B09PQ0	20.00 B		1.10 L	
299-E25-11	1/11/94	B09PQ1		2.00 U		6000.00
299-E25-11	1/11/94	B09PQ2	24.00		2.00 U	
299-E25-18	1/11/94	B09PQ3		2.00 UQ		7700.00
299-E25-18	1/11/94	B09PQ4		1.20 BLQ		7800.00
299-E25-18	1/11/94	B09PQ5	10.00 U		2.20 BLQ	
299-E25-18	1/11/94	B09PQ6	10.00 U		.64 BLQ	
299-E25-19	1/11/94	B09PQ7		2.00 U		8500.00
299-E25-19	1/11/94	B09PQ8	33.00		2.00 U	
299-E25-20	1/04/94	B09PQ9		.60 L		8600.00
299-E25-20	1/04/94	B09PR0	10.00 U		1.10 L	
299-E25-21	1/11/94	B09PR1		2.00 U		4700.00
299-E25-21	1/11/94	B09PR2	30.00		2.00 U	
299-E25-26	1/11/94	B09PR3		.71 BL		6300.00
299-E25-26	1/11/94	B09PR4	10.00 U		2.00 U	
299-E25-28	1/07/94	B09PR5		2.00 U		7100.00
299-E25-28	1/07/94	B09PR6	10.00 U		2.30 BL	
299-E25-31	1/04/94	B09PR7		2.70 L		6000.00
299-E25-31	1/04/94	B09PR8	24.00 B		.90 L	
299-E25-32P	1/04/94	B09PR9		1.50 L		5500.00
299-E25-32P	1/04/94	B09PS0	24.00 B		.64 L	
299-E25-34	1/11/94	B09PS1		2.00 U		7200.00
299-E25-34	1/11/94	B09PS2	23.00		1.10 BL	
299-E25-35	1/11/94	B09Q72		.74 BL		8400.00
299-E25-35	1/11/94	B09Q76	27.00		2.00 U	
299-E25-36	1/11/94	B09PS3		.85 BL		8000.00

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Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 6 of 12)

Well Name	Collection Date	Sample Number	FIRON 34/ppb 18/300s	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i	MAGNES 34/ppb 25/.
299-E25-36	1/11/94	B09PS4	18.00 L		1.70 BL	
299-E25-42	1/11/94	B09Q77		.91 BL		9600.00
299-E25-42	1/11/94	B09Q81	29.00		2.00 U	
299-E25-43	1/05/94	B09PS5		2.00 U		6800.00
299-E25-43	1/05/94	B09PS9	22.00 B		2.00 U	
299-E25-47	1/05/94	B09Q82		2.40 BL		6200.00
299-E25-47	1/05/94	B09Q86	18.00 BL		2.00 U	
299-E25-48	1/11/94	B09Q87		8.40 B		7700.00
299-E25-48	1/11/94	B09Q91	23.00		.91 BL	
299-E26-12	1/05/94	B09PT0		2.00 U		6800.00
299-E26-12	1/05/94	B09PT4	21.00 B		2.00 U	
299-E26-13	1/05/94	B09PT5		.62 BL		6900.00
299-E26-13	1/05/94	B09PT9	41.00 B		2.00 U	
699-43-43	1/04/94	B09PV4		2.00 U		6000.00
699-43-43	1/04/94	B09PV5	23.00 B		2.00 U	
699-43-45	1/04/94	B09PV6		7.20		6200.00
699-43-45	1/04/94	B09PV7	16.00 BL		3.40 L	

Well Name	Collection Date	Sample Number	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	NICKEL 34/ppb 16/.
299-E17-15	1/04/94	B09PP7		3.90 L		20.00 U
299-E17-15	1/04/94	B09PP8	12000.00		2.60 L	
299-E17-20	1/04/94	B09PP9		8.20 L		20.00 U
299-E17-20	1/04/94	B09PQ0	13000.00		3.00 L	
299-E25-11	1/11/94	B09PQ1		29.00		56.00
299-E25-11	1/11/94	B09PQ2	5900.00		2.90 L	
299-E25-18	1/11/94	B09PQ3		7.60 L		20.00 U
299-E25-18	1/11/94	B09PQ4		7.60 L		20.00 U
299-E25-18	1/11/94	B09PQ5	7700.00 Q		4.70 L	
299-E25-18	1/11/94	B09PQ6	5700.00 Q		4.70 L	
299-E25-19	1/11/94	B09PQ7		15.00		20.00 U
299-E25-19	1/11/94	B09PQ8	8200.00		12.00	
299-E25-20	1/04/94	B09PQ9		13.00		20.00 U
299-E25-20	1/04/94	B09PR0	8800.00		6.40 L	
299-E25-21	1/11/94	B09PR1		5.30 L		20.00 U
299-E25-21	1/11/94	B09PR2	4700.00		4.10 L	
299-E25-26	1/11/94	B09PR3		3.00 U		20.00 U
299-E25-26	1/11/94	B09PR4	6300.00		3.00 U	
299-E25-28	1/07/94	B09PR5		3.00 U		20.00 U
299-E25-28	1/07/94	B09PR6	7000.00		3.00 U	
299-E25-31	1/04/94	B09PR7		26.00		42.00
299-E25-31	1/04/94	B09PR8	5900.00		3.00 L	
299-E25-32P	1/04/94	B09PR9		14.00		73.00
299-E25-32P	1/04/94	B09PS0	5500.00		3.00 U	
299-E25-34	1/11/94	B09PS1		6.50 L		30.00 L
299-E25-34	1/11/94	B09PS2	7200.00		2.30 L	
299-E25-35	1/11/94	B09Q72		17.00		43.00
299-E25-35	1/11/94	B09Q76	8200.00		2.30 L	
299-E25-36	1/11/94	B09PS3		12.00		59.00
299-E25-36	1/11/94	B09PS4	8000.00		1.80 L	

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Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 7 of 12)

Well Name	Collection Date	Sample Number	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	NICKEL 34/ppb 16/.
299-E25-42	1/11/94	B09Q77		25.00		120.00
299-E25-42	1/11/94	B09Q81	9600.00		4.70 L	
299-E25-43	1/05/94	B09PS5		13.00		57.00
299-E25-43	1/05/94	B09PS9	6800.00		3.90 L	
299-E25-47	1/05/94	B09Q82		15.00		35.00
299-E25-47	1/05/94	B09Q86	6100.00		3.00 U	
299-E25-48	1/11/94	B09Q87		68.00		35.00
299-E25-48	1/11/94	B09Q91	7600.00		7.00 L	
299-E26-12	1/05/94	B09PT0		11.00		47.00
299-E26-12	1/05/94	B09PT4	6800.00		3.00 U	
299-E26-13	1/05/94	B09PT5		5.60 L		20.00 U
299-E26-13	1/05/94	B09PT9	7000.00		3.40 L	
699-43-43	1/04/94	B09PV4		6.90 L		33.00
699-43-43	1/04/94	B09PV5	6000.00		3.00 U	
699-43-45	1/04/94	B09PV6		7.30 L		20.00 U
699-43-45	1/04/94	B09PV7	6200.00		2.60 L	

Well Name	Collection Date	Sample Number	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000	LPHENOL 30/ppb .57/.	POTASUM 34/ppb 890/.
299-E17-15	1/04/94	B09PP7		120000.00 D	.40 U	5400.00
299-E17-15	1/04/94	B09PP8	20.00 U			
299-E17-20	1/04/94	B09PP9		110000.00 D	1.00	6000.00
299-E17-20	1/04/94	B09PQ0	20.00 U			
299-E25-11	1/11/94	B09PQ1		8600.00	.40 U	5700.00
299-E25-11	1/11/94	B09PQ2	20.00 U			
299-E25-18	1/11/94	B09PQ3		28000.00 D	.40 U	5500.00
299-E25-18	1/11/94	B09PQ4		29000.00 D	.40 U	5500.00
299-E25-18	1/11/94	B09PQ5	20.00 U			
299-E25-18	1/11/94	B09PQ6	20.00 U			
299-E25-19	1/11/94	B09PQ7		67000.00 D	.40 U	7300.00
299-E25-19	1/11/94	B09PQ8	20.00 U			
299-E25-20	1/04/94	B09PQ9		94000.00 D	.40 U	7700.00
299-E25-20	1/04/94	B09PR0	20.00 U			
299-E25-21	1/11/94	B09PR1		1600.00	.40 U	4200.00
299-E25-21	1/11/94	B09PR2	20.00 U			
299-E25-26	1/11/94	B09PR3		1100.00	.40 U	4300.00
299-E25-26	1/11/94	B09PR4	20.00 U			
299-E25-28	1/07/94	B09PR5		1400.00 B	.40 UH	4200.00
299-E25-28	1/07/94	B09PR6	20.00 U			
299-E25-31	1/04/94	B09PR7		2200.00	.40 U	4600.00
299-E25-31	1/04/94	B09PR8	20.00 U			
299-E25-32P	1/04/94	B09PR9		900.00	.40 U	3800.00
299-E25-32P	1/04/94	B09PS0	20.00 U			
299-E25-34	1/11/94	B09PS1		1600.00	.40 U	4300.00
299-E25-34	1/11/94	B09PS2	20.00 U			
299-E25-35	1/11/94	B09Q72		4100.00	.40 U	4400.00
299-E25-35	1/11/94	B09Q76	20.00 U			
299-E25-36	1/11/94	B09PS3		13000.00 D	.40 U	5000.00
299-E25-36	1/11/94	B09PS4	20.00 U			
299-E25-42	1/11/94	B09Q77		7200.00	.40 U	6000.00
299-E25-42	1/11/94	B09Q81	20.00 U			

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Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 8 of 12)

Well Name	Collection Date	Sample Number	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000	LPHENOL 30/ppb .57/.	POTASUM 34/ppb 890/.
299-E25-43	1/05/94	B09PS5		1600.00	.40 U	4700.00
299-E25-43	1/05/94	B09PS9	20.00 U			
299-E25-47	1/05/94	B09Q82		3700.00	.40 U	5200.00
299-E25-47	1/05/94	B09Q86	20.00 U			
299-E25-48	1/11/94	B09Q87		3000.00	.40 U	5100.00
299-E25-48	1/11/94	B09Q91	20.00 U			
299-E26-12	1/05/94	B09PT0		1100.00	.40 U	4900.00
299-E26-12	1/05/94	B09PT4	20.00 U			
299-E26-13	1/05/94	B09PT5		1100.00	.40 U	4600.00
299-E26-13	1/05/94	B09PT9	20.00 U			
699-43-43	1/04/94	B09PV4		1000.00	.40 U	5300.00
699-43-43	1/04/94	B09PV5	20.00 U			
699-43-45	1/04/94	B09PV6		1100.00	.40 U	4300.00
699-43-45	1/04/94	B09PV7	20.00 U			

Well Name	Collection Date	Sample Number	FPOTASS 34/ppb 890/.	RADIUM 137/pCi/L ./5i	SELENUM 48/ppb 1.4/10i	FSELENI 48/ppb 1.4/10i
299-E17-15	1/04/94	B09PP7		.06 U	2.00 L	
299-E17-15	1/04/94	B09PP8	5400.00			1.00 U
299-E17-20	1/04/94	B09PP9		.22	2.00 L	
299-E17-20	1/04/94	B09PQ0	6200.00			2.00 L
299-E25-11	1/11/94	B09PQ1		.01 U	1.00 U	
299-E25-11	1/11/94	B09PQ2	6600.00			1.00 U
299-E25-18	1/11/94	B09PQ3		.03 U	1.00 U	
299-E25-18	1/11/94	B09PQ4		-.04 U	1.00 U	
299-E25-18	1/11/94	B09PQ5	5800.00 Q			1.00 U
299-E25-18	1/11/94	B09PQ6	4000.00 Q			1.00 U
299-E25-19	1/11/94	B09PQ7		.02 U	1.00 U	
299-E25-19	1/11/94	B09PQ8	7200.00			1.00 U
299-E25-20	1/04/94	B09PQ9		.06 U	1.00 U	
299-E25-20	1/04/94	B09PR0	8200.00			2.00 L
299-E25-21	1/11/94	B09PR1		.01 U	1.00 U	
299-E25-21	1/11/94	B09PR2	4500.00			1.00 U
299-E25-26	1/11/94	B09PR3		.25	1.00 U	
299-E25-26	1/11/94	B09PR4	3900.00			1.00 U
299-E25-28	1/07/94	B09PR5		.04 U	1.00 U	
299-E25-28	1/07/94	B09PR6	4600.00			1.00 U
299-E25-31	1/04/94	B09PR7		.11 U	1.00 U	
299-E25-31	1/04/94	B09PR8	4500.00			2.00 L
299-E25-32P	1/04/94	B09PR9		.07 U	1.00 U	
299-E25-32P	1/04/94	B09PS0	3800.00			1.00 U
299-E25-34	1/11/94	B09PS1		.09 U	1.00 U	
299-E25-34	1/11/94	B09PS2	4100.00			1.00 U
299-E25-35	1/11/94	B09Q72		-.02 U	1.00 U	
299-E25-35	1/11/94	B09Q76	4700.00			1.00 U
299-E25-36	1/11/94	B09PS3		.09 U	1.00 U	
299-E25-36	1/11/94	B09PS4	5100.00			1.00 U
299-E25-42	1/11/94	B09Q77		.06 U	1.00 U	
299-E25-42	1/11/94	B09Q81	6300.00			1.00 U
299-E25-43	1/05/94	B09PS5		.10 U	1.00 U	
299-E25-43	1/05/94	B09PS9	4400.00			1.00 U

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Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 9 of 12)

Well Name	Collection Date	Sample Number	FPOTASS 34/ppb 890/.	RADIUM 137/pCi/L ./5i	SELENUM 48/ppb 1.4/10i	FSELENI 48/ppb 1.4/10i
299-E25-47	1/05/94	B09Q82		.20	1.00 U	
299-E25-47	1/05/94	B09Q86	5300.00			1.00 U
299-E25-48	1/11/94	B09Q87		.56	1.00 U	
299-E25-48	1/11/94	B09Q91	4900.00			1.00 U
299-E26-12	1/05/94	B09PT0		.03 U	1.00 U	
299-E26-12	1/05/94	B09PT4	4900.00			1.00 U
299-E26-13	1/05/94	B09PT5		.05 U	1.00 U	
299-E26-13	1/05/94	B09PT9	4600.00			1.00 U
699-43-43	1/04/94	B09PV4		.08 U	1.00 U	
699-43-43	1/04/94	B09PV5	5300.00			1.00 U
699-43-45	1/04/94	B09PV6		.06 U	1.00 U	
699-43-45	1/04/94	B09PV7	4600.00			1.00 U

Well Name	Collection Date	Sample Number	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.	SULFATE 124/ppb 89/250000s	TDS 65/ppm 10/500s
299-E17-15	1/04/94	B09PP7	18000.00 B		33000.00 D	
299-E17-15	1/04/94	B09PP8		18000.00 B		
299-E17-20	1/04/94	B09PP9	18000.00 B		38000.00 D	
299-E17-20	1/04/94	B09PQ0		18000.00 B		
299-E25-11	1/11/94	B09PQ1	13000.00 B		15000.00 D	
299-E25-11	1/11/94	B09PQ2		13000.00 B		
299-E25-18	1/11/94	B09PQ3	20000.00 B		29000.00 D	
299-E25-18	1/11/94	B09PQ4	20000.00 B		29000.00 D	
299-E25-18	1/11/94	B09PQ5		20000.00 BQ		
299-E25-18	1/11/94	B09PQ6		15000.00 BQ		
299-E25-19	1/11/94	B09PQ7	26000.00 B		27000.00 D	
299-E25-19	1/11/94	B09PQ8		26000.00 B		
299-E25-20	1/04/94	B09PQ9	29000.00 B		31000.00 D	
299-E25-20	1/04/94	B09PR0		29000.00 B		
299-E25-21	1/11/94	B09PR1	16000.00 B		14000.00 D	
299-E25-21	1/11/94	B09PR2		16000.00 B		
299-E25-26	1/11/94	B09PR3	8600.00 B		12000.00 D	
299-E25-26	1/11/94	B09PR4		8600.00 B		
299-E25-28	1/07/94	B09PR5	10000.00 B		12000.00 BD	
299-E25-28	1/07/94	B09PR6		10000.00 B		
299-E25-31	1/04/94	B09PR7	14000.00 B		21000.00 D	
299-E25-31	1/04/94	B09PR8		14000.00 B		
299-E25-32P	1/04/94	B09PR9	5700.00 B		13000.00 D	
299-E25-32P	1/04/94	B09PS0		5700.00 B		
299-E25-34	1/11/94	B09PS1	9900.00 B		11000.00 D	
299-E25-34	1/11/94	B09PS2		10000.00 B		
299-E25-35	1/11/94	B09Q72	25000.00 B		42000.00 D	
299-E25-35	1/11/94	B09Q76		24000.00 B		
299-E25-36	1/11/94	B09PS3	17000.00 B		32000.00 D	
299-E25-36	1/11/94	B09PS4		17000.00 B		
299-E25-42	1/11/94	B09Q77	30000.00 B		55000.00 D	
299-E25-42	1/11/94	B09Q81		30000.00 B		
299-E25-43	1/05/94	B09PS5	9600.00 B		11000.00 D	
299-E25-43	1/05/94	B09PS9		9600.00 B		
299-E25-47	1/05/94	B09Q82	20000.00 B		27000.00 D	
299-E25-47	1/05/94	B09Q86		21000.00 B		

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Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 10 of 12)

Well Name	Collection Date	Sample Number	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.	SULFATE 124/ppb 89/250000s	TDS 65/ppm 10/500s
299-E25-48	1/11/94	B09Q87	14000.00 B		27000.00 D	
299-E25-48	1/11/94	B09Q91		15000.00 B		
299-E26-12	1/05/94	B09PT0	8100.00 B		7800.00	
299-E26-12	1/05/94	B09PT4		8100.00 B		
299-E26-13	1/05/94	B09PT5	8600.00 B		7900.00	
299-E26-13	1/05/94	B09PT9		8700.00 B		
699-43-43	1/04/94	B09PV4	7700.00 B		8600.00	
699-43-43	1/04/94	B09PV5		7600.00 B		
699-43-43	1/04/94	B09Q44				160.00
699-43-45	1/04/94	B09PV6	8800.00 B		9300.00	
699-43-45	1/04/94	B09PV7		9000.00 B		
699-43-45	1/04/94	B09Q48				160.00

Well Name	Collection Date	Sample Number	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.
299-E17-15	1/04/94	B09PP7	1280000.00	.70 Q	22.00 L	
299-E17-15	1/04/94	B09PP8				23.00 L
299-E17-20	1/04/94	B09PP9	1370000.00	2.00 Q	23.00 L	
299-E17-20	1/04/94	B09PQ0				27.00 L
299-E25-11	1/11/94	B09PQ1	99600.00	4.80 Q	40.00	
299-E25-11	1/11/94	B09PQ2				42.00
299-E25-18	1/11/94	B09PQ3	180000.00	2.50 Q	39.00 Q	
299-E25-18	1/11/94	B09PQ4	179000.00	2.20 Q	29.00 LQ	
299-E25-18	1/11/94	B09PQ5				36.00 Q
299-E25-18	1/11/94	B09PQ6				23.00 LQ
299-E25-19	1/11/94	B09PQ7	793000.00	1.00 Q	37.00	
299-E25-19	1/11/94	B09PQ8				41.00
299-E25-20	1/04/94	B09PQ9	552000.00	1.00 Q	41.00	
299-E25-20	1/04/94	B09PR0				40.00
299-E25-21	1/11/94	B09PR1	3580.00	.90 Q	49.00	
299-E25-21	1/11/94	B09PR2				47.00
299-E25-26	1/11/94	B09PR3	1160.00	.90 Q	24.00 L	
299-E25-26	1/11/94	B09PR4				16.00 L
299-E25-28	1/07/94	B09PR5	1700.00	.24	30.00 L	
299-E25-28	1/07/94	B09PR6				31.00
299-E25-31	1/04/94	B09PR7	7160.00	6.30 Q	28.00 L	
299-E25-31	1/04/94	B09PR8				24.00 L
299-E25-32P	1/04/94	B09PR9	25100.00	1.80 Q	9.00 U	
299-E25-32P	1/04/94	B09PS0				9.00 U
299-E25-34	1/11/94	B09PS1	1260.00	1.30 Q	37.00	
299-E25-34	1/11/94	B09PS2				32.00
299-E25-35	1/11/94	B09Q72	25800.00	3.80 Q	44.00	
299-E25-35	1/11/94	B09Q76				41.00
299-E25-36	1/11/94	B09PS3	8830.00	1.00 Q	30.00	
299-E25-36	1/11/94	B09PS4				31.00
299-E25-42	1/11/94	B09Q77	24800.00	5.60 Q	36.00	
299-E25-42	1/11/94	B09Q81				29.00 L
299-E25-43	1/05/94	B09PS5	928.00	2.70 Q	33.00	
299-E25-43	1/05/94	B09PS9				32.00
299-E25-47	1/05/94	B09Q82	11600.00	6.20 Q	29.00 L	
299-E25-47	1/05/94	B09Q86				30.00 L

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Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 11 of 12)

Well Name	Collection Date	Sample Number	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.
299-E25-48	1/11/94	B09Q87	8320.00	27.00 Q	31.00	
299-E25-48	1/11/94	B09Q91				31.00
299-E26-12	1/05/94	B09PT0	738.00	.90 Q	33.00	
299-E26-12	1/05/94	B09PT4				36.00
299-E26-13	1/05/94	B09PT5	360.00	.80 Q	28.00 L	
299-E26-13	1/05/94	B09PT9				28.00 L
699-43-43	1/04/94	B09PV4	465.00	1.20 Q	36.00	
699-43-43	1/04/94	B09PV5				35.00
699-43-45	1/04/94	B09PV6	357.00	1.50 Q	31.00	
699-43-45	1/04/94	B09PV7				28.00 L

Well Name	Collection Date	Sample Number	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-E17-15	1/04/94	B09PP7	5.00 U	
299-E17-15	1/04/94	B09PP8		5.00 U
299-E17-20	1/04/94	B09PP9	7.70 L	
299-E17-20	1/04/94	B09PQ0		5.00 U
299-E25-11	1/11/94	B09PQ1	5.00 U	
299-E25-11	1/11/94	B09PQ2		5.00 U
299-E25-18	1/11/94	B09PQ3	6.20 L	
299-E25-18	1/11/94	B09PQ4	5.00 U	
299-E25-18	1/11/94	B09PQ5		.87 LQ
299-E25-18	1/11/94	B09PQ6		5.00 UQ
299-E25-19	1/11/94	B09PQ7	12.00	
299-E25-19	1/11/94	B09PQ8		6.20 L
299-E25-20	1/04/94	B09PQ9	7.00 L	
299-E25-20	1/04/94	B09PR0		5.00 U
299-E25-21	1/11/94	B09PR1	2.70 L	
299-E25-21	1/11/94	B09PR2		5.00 U
299-E25-26	1/11/94	B09PR3	5.00 U	
299-E25-26	1/11/94	B09PR4		5.00 U
299-E25-28	1/07/94	B09PR5	1.40 L	
299-E25-28	1/07/94	B09PR6		5.00 U
299-E25-31	1/04/94	B09PR7	23.00	
299-E25-31	1/04/94	B09PR8		5.00 U
299-E25-32P	1/04/94	B09PR9	5.00 U	
299-E25-32P	1/04/94	B09PS0		5.00 U
299-E25-34	1/11/94	B09PS1	5.00 U	
299-E25-34	1/11/94	B09PS2		5.00 U
299-E25-35	1/11/94	B09Q72	4.20 L	
299-E25-35	1/11/94	B09Q76		5.00 U
299-E25-36	1/11/94	B09PS3	5.00 U	
299-E25-36	1/11/94	B09PS4		5.00 U
299-E25-42	1/11/94	B09Q77	5.00 U	
299-E25-42	1/11/94	B09Q81		5.00 U
299-E25-43	1/05/94	B09PS5	3.20 L	
299-E25-43	1/05/94	B09PS9		5.00 U
299-E25-47	1/05/94	B09Q82	1.20 L	
299-E25-47	1/05/94	B09Q86		5.00 U
299-E25-48	1/11/94	B09Q87	1.20 L	
299-E25-48	1/11/94	B09Q91		5.00 U

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Table 6-4. Constituents with at Least One Detected Value for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994. (sheet 12 of 12)

Well Name	Collection Date	Sample Number	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-E26-12	1/05/94	B09PT0	5.00 U	
299-E26-12	1/05/94	B09PT4		5.00 U
299-E26-13	1/05/94	B09PT5	5.00 U	
299-E26-13	1/05/94	B09PT9		5.00 U
699-43-43	1/04/94	B09PV4	5.00 U	
699-43-43	1/04/94	B09PV5		5.00 U
699-43-45	1/04/94	B09PV6	5.00 U	
699-43-45	1/04/94	B09PV7		5.00 U

For explanation of this table, see Section 1.4 of report.

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Table 6-5. Contamination Indicator Parameters for the 216-A-29 Ditch Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-E17-15	12/08/93	B09MY6	489	480	7.84		500 L	
		B09MY7	488	480	7.83		400 L	
		B09MY8	487	480	7.84		500 LQ	
		B09MY9	485	480	7.83		400 LQ	
	1/04/94	B09PP7	466		7.90		300 L	
299-E17-20	1/04/94	B09PP9	452		8.26		300 L	
299-E25-11	1/11/94	B09PQ1	210		8.01		500 L	
299-E25-18	1/11/94	B09PQ3	287		8.08		500 L	
		B09PQ4					400 L	
299-E25-19	1/11/94	B09PQ7	359		7.98		500 L	
299-E25-20	1/04/94	B09PQ9	420		8.17		300 L	
299-E25-21	1/11/94	B09PR1	206		7.76		500 L	
299-E25-26	1/11/94	B09PR3	212		8.07		600 L	
299-E25-28	1/07/94	B09PR5	218		7.99		500 L	
299-E25-31	1/04/94	B09PR7	234		7.84		300 L	
299-E25-32P	1/04/94	B09PR9	275		8.26		500 L	
299-E25-34	1/11/94	B09PS1	232		7.78		500 L	
299-E25-35	1/11/94	B09Q72	310	310	8.58		400 L	
		B09Q73	312	310	8.58		400 L	
		B09Q74	310	310	8.58		400 L	
		B09Q75	311	310	8.57		400 L	
299-E25-36	1/11/94	B09PS3	263		7.96		400 L	
299-E25-42	1/11/94	B09Q77	349	380	7.78		400 L	
		B09Q78	349	380	7.81		400 L	
		B09Q79	349	380	7.82		400 L	
		B09Q80	348	380	7.81		400 L	
299-E25-43	1/05/94	B09PS5	220		7.96		500 L	
		B09PS6	223		7.96		500 L	
		B09PS7	222		7.97		500 L	
		B09PS8	222		7.97		500 L	
299-E25-47	1/05/94	B09Q82	254	260	8.02		500 L	
		B09Q83	257	270	8.02		400 L	
		B09Q84	257	260	8.02		400 L	
		B09Q85	258	270	8.02		400 L	
299-E25-48	1/11/94	B09Q87	211	250	8.10		600 L	
		B09Q88	213	250	8.10		700 L	
		B09Q89	214	250	8.11		700 L	
		B09Q90	214	250	8.11		800 L	
299-E26-12	1/05/94	B09PT0	226		7.93		500 L	
		B09PT1	226		7.93		500 L	
		B09PT2	226		7.93		500 L	
		B09PT3	226		7.93		500 L	
299-E26-13	1/05/94	B09PT5	233		7.93		700 L	
		B09PT6	234		7.93		500 L	
		B09PT7	231		7.93		500 L	
		B09PT8	234		7.93		500 L	
699-43-43	1/04/94	B09Q44	202	230	7.88		500 L	
		B09Q45	202	230	7.89		500 L	
		B09Q46	202	230	7.89		500 L	
		B09Q47		230			500 L	
699-43-45	1/04/94	B09Q48	206	230	7.87		400 L	
		B09Q49	206	230	7.88		400 L	
		B09Q50	206	230	7.88		400 L	
		B09Q51		230			300 L	

For explanation of this table, see Section 1.4 of report.

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7.0 216-A-36B CRIB

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7.1 INTRODUCTION

The 216-A-36B (A-36B) Crib is a retired liquid waste disposal facility for the PUREX Plant. The crib is located in the 200 East Area approximately 365 m (1,200 ft) south of the PUREX Plant (Figures 1-1 and 7-1). The A-36B Crib is the southernmost 152 m (500 ft) of a crib originally known as the 216-A-36 Crib. The ammonia scrubber distillate (ASD) waste stream that resulted from PUREX operations was discharged to the crib to percolate through the soil column. The original crib received liquid effluent from September 1965 to March 1966. Because a substantial inventory of radionuclides was disposed to the crib and was assumed to have infiltrated the sediments near the inlet of the crib, a grout curtain was emplaced to partition the crib into two sections, known as A and B. Discharge to the A-36B Crib section resumed in March 1966 and continued until 1972 when the crib was temporarily removed from service. The crib was placed back in service in November 1982 and operated until it was retired from use in October 1987.

ASD effluent disposed in the A-36B Crib was the condensate from the fuel rod decladding operation. In this process, the zircalloy cladding was removed from the irradiated fuel by dissolving the cladding in a boiling solution of ammonium fluoride and ammonium nitrate. Waste stream constituents are known to have included radionuclides (tritium, strontium-90, cesium-137, ruthenium-106, cobalt-60, and uranium) and hazardous substances (ammonium, fluoride, and nitrate).

In accordance with the *Hanford Federal Facility Agreement and Consent Order* (Ecology et al. 1992), Milestone M-20-34, RCRA closure/post-closure plans for the A-36B Crib are to be submitted to Ecology and the EPA in March 1996. An interim-status RCRA groundwater monitoring network has been in place at the A-36B Crib since May 1988.

The RCRA groundwater detection monitoring system consists of six downgradient wells and one upgradient well, as listed in Table 7-1. Well locations are shown in Figure 7-1. Background monitoring was performed for seven quarters. Indicator parameter critical means were calculated using four quarters of data from September 1988 to June 1989. As shown in Table 7-1, data from well 299-E17-15 is also used by the 216-A-29 Ditch groundwater quality assessment.

7.2 WATER LEVEL MEASUREMENTS

Water level measurements are made on a quarterly basis and during semiannual RCRA sample collection. Water level data collected during the January through March 1994 period are reported in Table 7-2.

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7.3 WATER CHEMISTRY DATA

Wells in the A-36B Crib groundwater monitoring network are sampled semiannually; however, the network was not scheduled for sampling in the January through March 1994 period. Analytical data that were originally reported with format errors have been corrected and are reported in Appendix A. Well 299-E17-15 was sampled during the report period for the 216-A-29 groundwater quality assessment and the analytical results are presented in Chapter 6.

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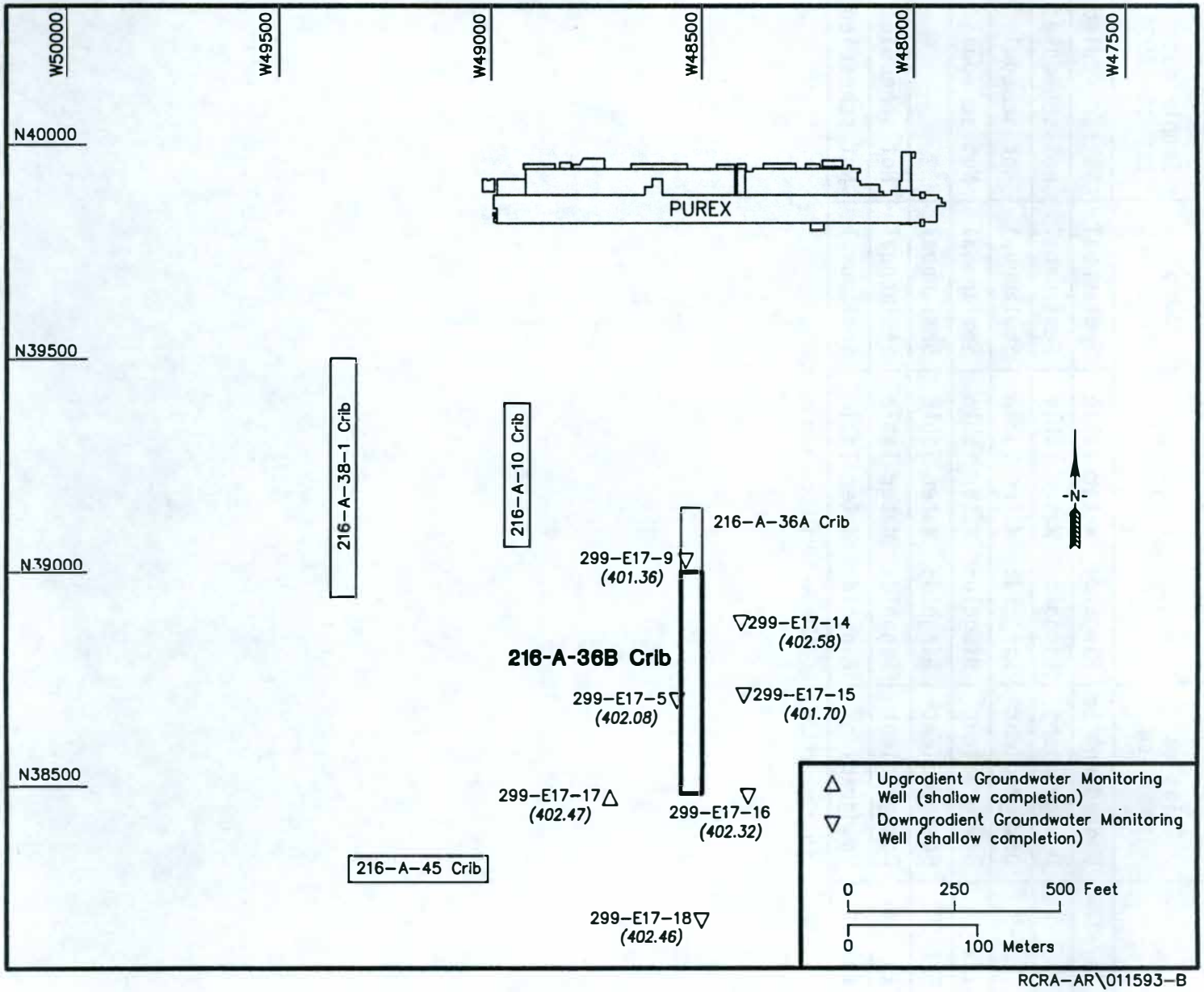

Figure 7-1. Well Location Map for the 216-A-36B Crib.

Table 7-1. Well Identification and Sampling Schedule for the 216-A-36B Crib Groundwater Monitoring Network.

Well no. (299-)	Relative position	Hydrogeologic unit	Sample frequency	Sample date, 1st Qtr 1994
E17-17	Upgradient	Ringold: Water Table	Semiannual	Not scheduled
E17-5	Downgradient	Ringold: Water Table	Semiannual	Not scheduled
E17-9	Downgradient	Ringold: Water Table	Semiannual	Not scheduled
E17-14	Downgradient	Ringold: Water Table	Semiannual	Not scheduled
E17-15[a]	Downgradient	Ringold: Water Table	Semiannual	--
E17-16	Downgradient	Ringold: Water Table	Semiannual	Not scheduled
E17-18	Downgradient	Ringold: Water Table	Semiannual	Not scheduled

[a]Well shared with the 216-A-29 Ditch network.

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Table 7-2. RCRA Water Level Measurement Report for the 216-A-36B Crib, First Quarter 1994.

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
299-E17-14	3/28/94	320.74	401.44
299-E17-15	3/28/94	321.25	400.53
299-E17-16	3/28/94	319.36	401.22
299-E17-17	3/28/94	318.60	401.32
299-E17-18	3/28/94	319.23	401.42
299-E17-5	3/28/94	317.75	400.94
299-E17-9	3/28/94	316.44	401.20

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. To convert from feet to meters multiply by 0.3048.

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8.0 216-A-10 CRIB

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8.1 INTRODUCTION

The 216-A-10 (A-10) Crib is a retired liquid waste disposal facility that was used during the operation of the PUREX Plant. The crib is located in the 200 East Area approximately 120 m (400 ft) south of the PUREX Plant (Figures 1-1 and 8-1).

Several waste streams, collectively referred to as the Process Distillate Discharge (PDD), were discharged to the A-10 Crib for soil column disposal during the duration of PUREX Plant Operations. PDD waste was first disposed in the crib for a 4-month period during the 1956 PUREX startup. In 1961, the A-10 Crib replaced the 216-A-5 Crib and received PUREX effluent continuously until 1973. Periodic discharges were received in 1977, 1978, and 1981. From 1982 to 1987, effluent discharges to the A-10 Crib resumed on a continuous basis. Effluent volumes during the period 1981 to 1986 averaged 1×10^8 L (2.6×10^6 gal) each year. In 1987, the A-10 Crib was removed from service and replaced by the 216-A-45 Crib.

The PDD waste stream discharged to the A-10 Crib was characteristically acidic and contained concentrated salts. Waste stream constituents included aliphatic hydrocarbon compounds, organic complex forming, and radionuclides (plutonium, uranium, strontium-90, cobalt-60, cesium-134 and cesium-137, ruthenium-103 and ruthenium-106, and tritium).

In accordance with the *Hanford Federal Facility Agreement and Consent Order* (Ecology et al. 1992), Milestone M-20-33, RCRA closure/post-closure plans for the A-10 Crib are to be submitted to Ecology and EPA in March 1996. An interim-status RCRA groundwater monitoring network has been operational since November 1988.

The RCRA groundwater detection monitoring system consists of six downgradient wells and two upgradient wells, as listed in Table 8-1. As shown in Table 8-1, two wells in the 216-A-10 network are shared with the groundwater monitoring network for the 216-A-29 Ditch facility. Well locations are shown in Figure 8-1. Background monitoring was completed in the fourth quarter of 1989, following the first four quarters of groundwater sampling.

8.2 WATER LEVEL MEASUREMENTS

Water level measurements are made on a quarterly basis and during semiannual RCRA sample collection. Water level data collected during the January through March 1994 period are reported in Table 8-2.

8.3 WATER CHEMISTRY DATA

Wells in the A-10 Crib groundwater monitoring network are sampled semiannually. No sample collection was scheduled for the January through March 1994 period for the A-10 monitoring network. Wells 299-E15-20 and 299-E25-36 were sampled during the report period for the 216-A-29 groundwater quality assessment and the corresponding analytical results are reported in Chapter 6. As explained in Section 1.4, re-reported analytical data are presented in Appendix A.

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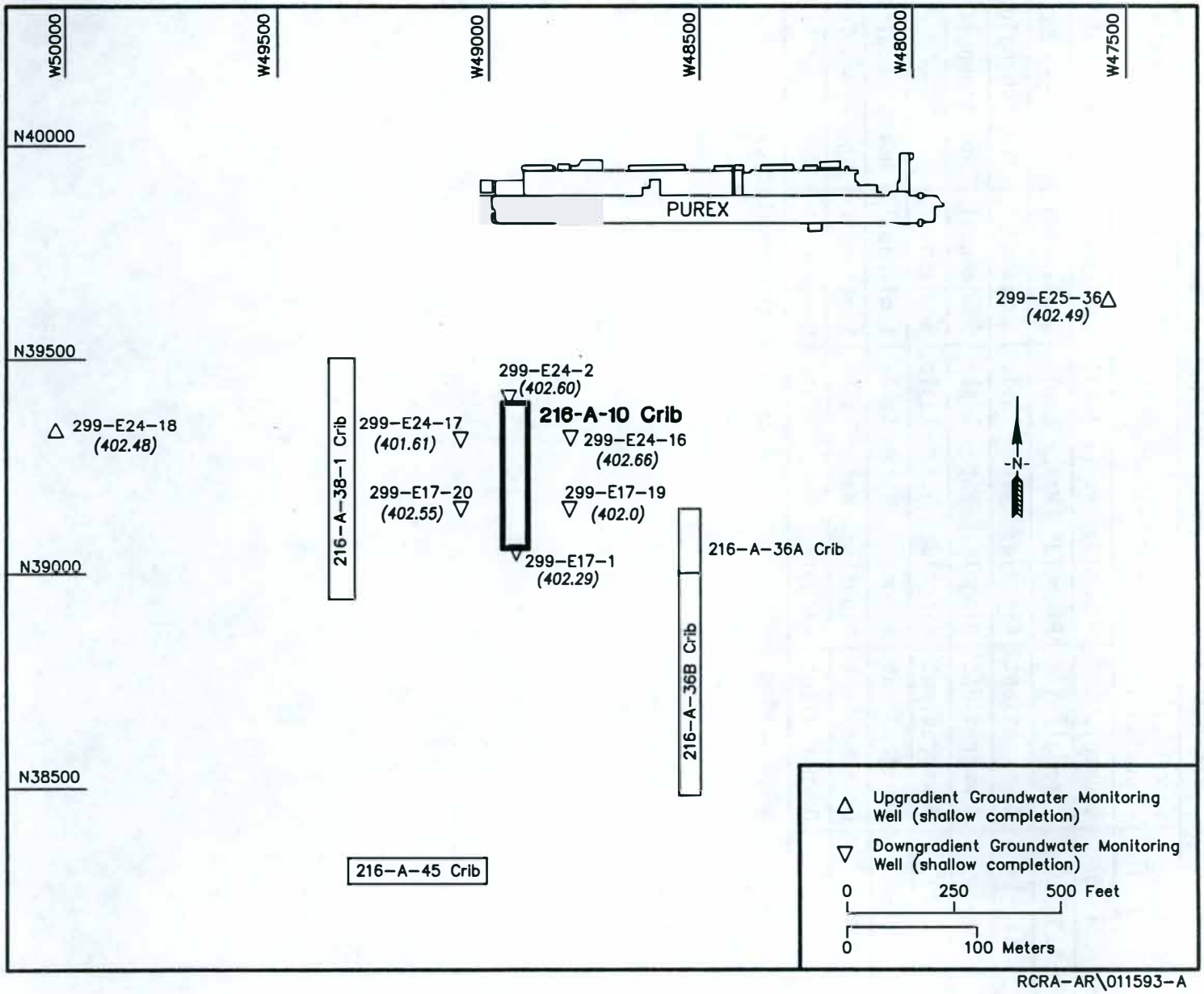

Figure 8-1. Well Location Map for the 216-A-10 Crib.

Table 8-1. Well Identification and Sampling Schedule for the 216-A-10 Crib Groundwater Monitoring Network.

Well no. (299-)	Relative position	Hydrogeologic unit	Sample frequency	Sample date, 1st Qtr 1994
E24-18	Upgradient	Ringold: Water Table	Semiannual	Not scheduled
E25-36[a]	Upgradient	Ringold: Water Table	Semiannual	--
E17-1	Downgradient	Ringold: Water Table	Semiannual	Not scheduled
E17-19	Downgradient	Ringold: Water Table	Semiannual	Not scheduled
E17-20[a]	Downgradient	Ringold: Water Table	Semiannual	--
E24-2	Downgradient	Ringold: Water Table	Semiannual	Not scheduled
E24-16	Downgradient	Ringold: Water Table	Semiannual	Not scheduled
E24-17	Downgradient	Ringold: Water Table	Semiannual	Not scheduled

[a]Well sampled during period for 216-A-29 Ditch groundwater quality assessment.

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Table 8-2. RCRA Water Level Measurement Report for the 216-A-10 Crib, First Quarter 1994.

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
299-E17-1	3/28/94	318.06	401.11
299-E17-19	3/28/94	318.44	400.89
299-E17-20	1/04/94	317.81	401.42*
	3/28/94	318.75	400.48
299-E24-16	3/28/94	316.76	401.51
299-E24-17	3/28/94	318.19	400.50
299-E24-18	3/28/94	317.89	401.39
299-E24-2	3/28/94	316.13	401.34
299-E25-36	1/11/94	305.90	401.49*
	3/28/94	305.96	401.43

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. To convert from feet to meters multiply by 0.3048.

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9.0 216-B-63 TRENCH

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9.1 INTRODUCTION

A RCRA detection-level groundwater monitoring network is being established for the 216-B-63 Trench. The 216-B-63 Trench received wastewater containing hazardous waste and radioactive materials from the B Plant, located in the 200 East Area (Figures 1-1 and 9-1). Liquid effluent discharge to the 216-B-63 Trench ceased in February 1992. However, the trench is being retained to receive B Plant discharges in the event of an emergency.

The 216-B-63 is an open, unlined, earthen trench in service from March 1970 until February 1992. The trench received 4.0×10^5 to 1.5×10^6 L/day (100,000 to 400,000 gal/day) of liquid effluent from the B Plant chemical sewer, none of which is now designated as dangerous waste. The effluent was a mixture of steam condensate and raw water. Documented hazardous discharges occurred from 1970 to October 1985 and consisted of aqueous sulfuric acid and sodium hydroxide solutions exceeding the pH limits of 2.0 and 12.5, respectively. Radioactive soils were dredged from the trench in August 1970. In 1985, physical controls, radiation monitors, and operating procedures were modified to avoid inadvertent discharge of chemicals or radioactive substances to the wastewater stream.

Four quarters of groundwater background sampling have been completed for all of the wells in the network. Background sampling is done to establish background water quality, in accordance with the requirements outlined in *40 CFR 265 Interim-Status Indicator-Evaluation Groundwater Monitoring Plan for the 216-B-63 Trench* (PNL 1989). The nine wells within the network are now on a semiannual sampling program. Based on the present groundwater flow direction, seven of the wells are downgradient and five are upgradient of the trench (see Figure 9-1). The purpose of the wells, their sampling schedule, and the dates sampled are summarized in Table 9-1. As indicated in Table 9-1, some wells in the 216-B-63 network are shared with the Low-Level Burial Grounds (LLBG) and single-shell tanks (SST) groundwater monitoring networks.

9.2 WATER LEVEL MEASUREMENTS

Water level measurements obtained during the January through March 1994 period are presented in Table 9-2. Wells 299-E33-36, 299-E34-8, 299-E34-10, and 299-E33-37 were resurveyed in May 1993 to verify these elevations. Water in well 299-E33-36 has been lower than in nearby wells in the network. Reasons for the apparent discrepancy are still under investigation.

9.3 WATER CHEMISTRY DATA

Wells in the 216-B-63 Trench groundwater monitoring network are sampled semiannually. No sample collection was scheduled for the January through

March 1994 period for the 216-B-63 Trench monitoring network. Wells 299-E33-33 and 299-E33-36 were sampled during the reported period for the single-shell tank (SST), Waste Management Area (WMA) B-BX-BY, and the corresponding analytical results are reported in Chapter 15. Re-reported analytical data are represented in Appendix A.

Constituents found in concentrations above DWS in samples from the January through March 1994 sampling period include iron and chromium in unfiltered samples from wells 299-E33-33 and 299-E33-36. Results for filtered samples for both iron and chromium continue to be well below DWS.

Non-DWS constituents with laboratory qualifiers and QC flags indicating data problems include turbidity in both sampled wells.

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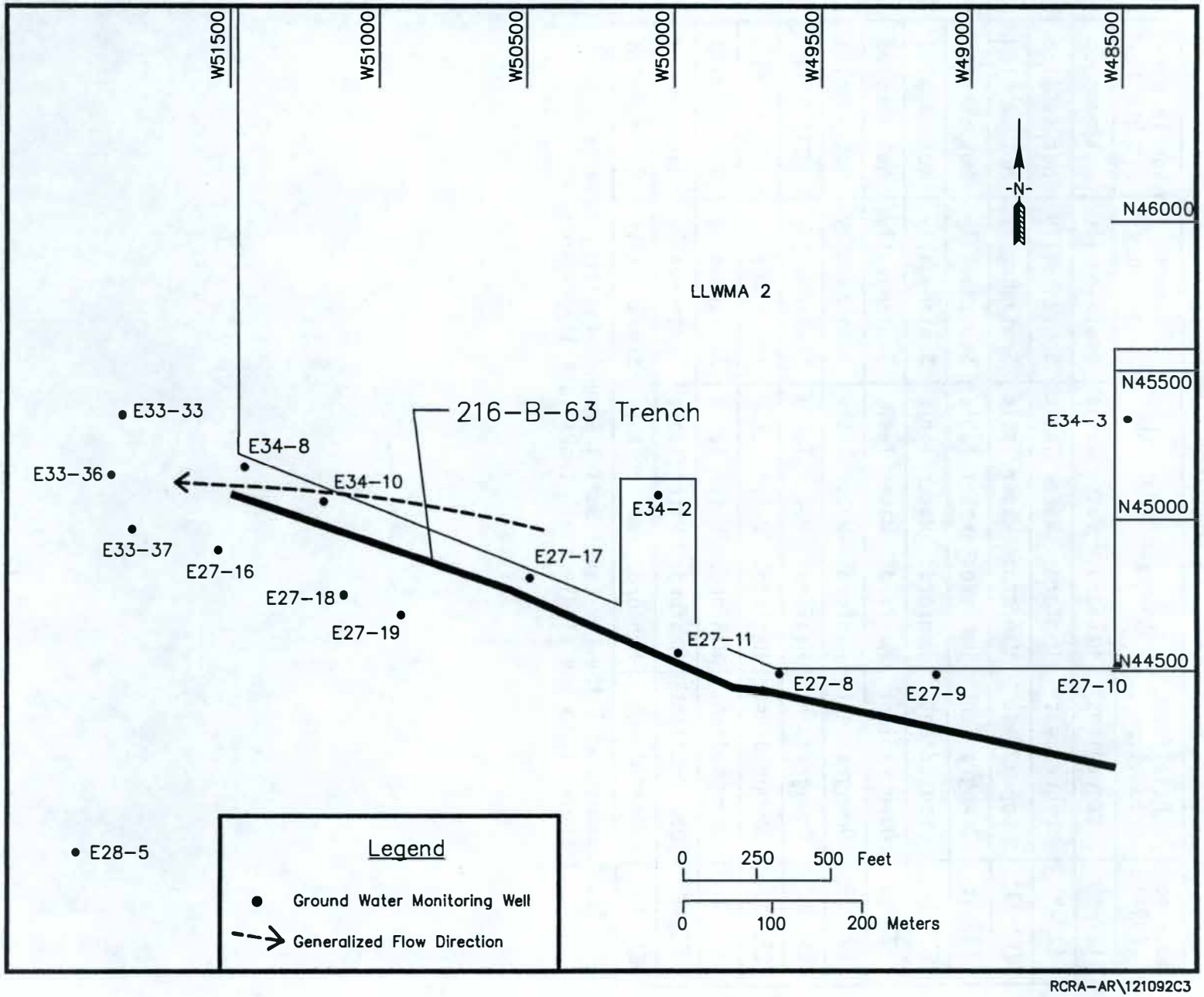

Figure 9-1. Well Location Map for the 216-B-63 Trench.

Table 9-1. Monitoring Well Purpose and Sampling Schedule for the 216-B-63 Trench Network.

Well no. (299-)	Relative position	Hydrogeologic unit	Sample frequency	Sample date, 1st Qtr 1994
E27-8[a]	Upgradient	Hanford: Water Table	Semiannually	Not sampled
E27-9[a]	Upgradient	Hanford: Water Table	Semiannually	Not sampled
E27-11[a]	Upgradient	Hanford: Water Table	Semiannually	Not sampled
E27-16	Downgradient	Hanford: Water Table	Semiannually	Not sampled
E27-17[a]	Upgradient	Hanford: Water Table	Semiannually	Not sampled
E27-18	Downgradient	Hanford: Water Table	Semiannually	Not sampled
E27-19	Downgradient	Hanford: Water Table	Semiannually	Not sampled
E33-33[b]	Downgradient	Hanford: Water Table	Semiannually	03/15/94
E33-36[b]	Downgradient	Hanford: Water Table	Semiannually	03/15/94
E33-37	Downgradient	Hanford: Water Table	Semiannually	Not sampled
E34-8	Downgradient	Hanford: Water Table	Semiannually	Not sampled
E34-10[a]	Upgradient	Hanford: Water Table	Semiannually	Not sampled

[a]Well shared with the Low-Level Burial Grounds facility network.
[b]Well shared with the single-shell tanks facility network.

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Table 9-2. RCRA Water Level Measurement Report for the 216-B-63 Trench, First Quarter 1994.

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
299-E27-11	3/03/94	241.96	401.33
299-E27-16	3/30/94	250.87	401.26
299-E27-17	3/03/94	233.02	401.70
299-E27-8	3/03/94	236.35	401.48
299-E27-9	3/03/94	227.67	401.54
299-E33-33	1/25/94	238.77	401.60
	2/25/94	238.74	401.63
	3/15/94	238.67	401.70*
	3/18/94	238.74	401.63
299-E33-37	3/30/94	251.63	401.38
299-E34-10	3/03/94	238.09	401.68
299-E34-8	3/30/94	239.47	401.05

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. To convert from feet to meters multiply by 0.3048.

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10.0 216-S-10 POND AND DITCH

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10.1 INTRODUCTION

The 216-S-10 Pond and Ditch (S-10 Facility) is located south-southwest of the 200 West Area, directly outside the perimeter fence. The S-10 Facility received wastewater from the Reduction-Oxidation (REDOX) Plant (202-S Building) located in the 200 West Area. In the past, wastewater disposed at the S-10 Facility has contained hazardous waste and radioactive materials. Since 1985, physical controls and operating procedures have been modified to avoid inadvertent discharge of hazardous chemicals to the wastewater stream. The facility has been monitored under interim status since August 1991. In October 1991, the effluent waste stream, including the water source, to the 216-S-10 Ditch was deactivated. Because the S-10 Facility is not expected to receive additional hazardous substances, the facility will be closed under RCRA interim status.

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The S-10 Facility initially comprised an open, unlined ditch 1.8 m (6 ft) deep, 1.2 m (4 ft) wide at the bottom, and 686 m (2,250 ft) long. In addition, an open, unlined percolation pond constructed at the southwest end of the ditch, which is approximately 2 hectares (5 acres) in size, was active during part of the time the ditch was receiving waste.

The 216-S-10 Ditch began receiving wastewater from the REDOX Plant in August 1951, and the 216-S-10 Pond was dug and placed in service in February 1954. In October 1985, the 216-S-10 Pond and portions of the 216-S-10 Ditch were decommissioned, backfilled, and stabilized. The remaining portion of the 216-S-10 Ditch (approximately 594 m [1,950 ft]) received nonhazardous, nonregulated waste from the 202-S Building chemical sewer until deactivation in October 1991. This waste stream was composed of cooling water, steam condensate, water tower overflow, and drain effluent. These source streams had been routed so that they would not come into contact with hazardous materials. There has been no effluent discharge to the facility since October 1991.

Releases of hazardous materials and constituents to the S-10 Facility are poorly documented. Radioactive waste was reportedly disposed of to the S-10 Facility as a result of contaminated floor and sewer drains at the REDOX Plant. Hazardous chemical releases were documented in 1954 and 1983 and included $Al(NO_3)_3$, $NaNO_3$, NaOH, Na_3PO_4, NaF, NaCl, and $K_2Cr_2O_7$.

During 1991 the annual volume of effluent discharged to the 216-S-10 Ditch was between 1.9×10^8 and 5.7×10^8 L (5.0×10^7 and 1.5×10^8 gal). This volume of discharge had created a localized recharge mound and an associated perched water table directly below the receiving (north) end of the ditch. This recharge mound has since dissipated, and the perched water table has been dry since shortly after the ditch was deactivated.

Groundwater beneath the 216-S-10 Facility is sampled semiannually in accordance with the *Interim-Status Groundwater Monitoring Plan for the 216-S-10 Pond and Ditch* (WHC 1990b). The site is currently in the indicator parameters evaluation program.

The monitoring network currently consists of two upgradient wells, three downgradient wells, and one downgradient well that monitors the base of the unconfined aquifer (Figure 10-1). Table 10-1 lists the wells and their sampling status. All of the wells now have at least four quarters of analytical data. The results of the background statistical calculations for the upgradient monitoring wells (based on the first four quarters of analytical data) were presented in the RCRA annual report (DOE-RL 1994a).

10.2 WATER LEVEL MEASUREMENTS

Water level measurements obtained during the first quarter of CY 1994 are presented in Table 10-2. Water level measurements are obtained at all wells that are sampled. Also, quarterly water level measurements are made by WHC at six wells at the S-10 Facility including 299-W26-7, 299-W26-8, 299-W26-9, 299-W26-10, 299-W26-12, and 299-W27-2.

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10.3 WATER CHEMISTRY DATA

Wells in the monitoring network were not sampled in the first quarter of CY 1994 because they are on a semiannual sampling schedule. They were sampled in the fourth quarter of CY 1993 and will be sampled again in the second quarter of CY 1994. As a result, the data shown in Tables 10-3 through 10-5 are a mix of unreported and previously reported data. Most of the data in Table 10-3 (a constituent list and summary of results) were not reported earlier (drinking water and groundwater quality parameters, and site specific and other constituents). However, the contamination indicator parameters portion of Table 10-3 is a composite of data reported in the last quarterly report and previously unreported data. Table 10-4 is a list of detected constituents that were not reported previously. Table 10-5 is a composite list of previously reported and unreported contamination indicator parameters from the samples collected in the fourth quarter of CY 1993 (December 15-17, 1993). The TOC data for well 299-W-27-2 and all of the TOX data were not reported previously. Appendix A shows data that were reported earlier and are reported again because of changes in laboratory reporting.

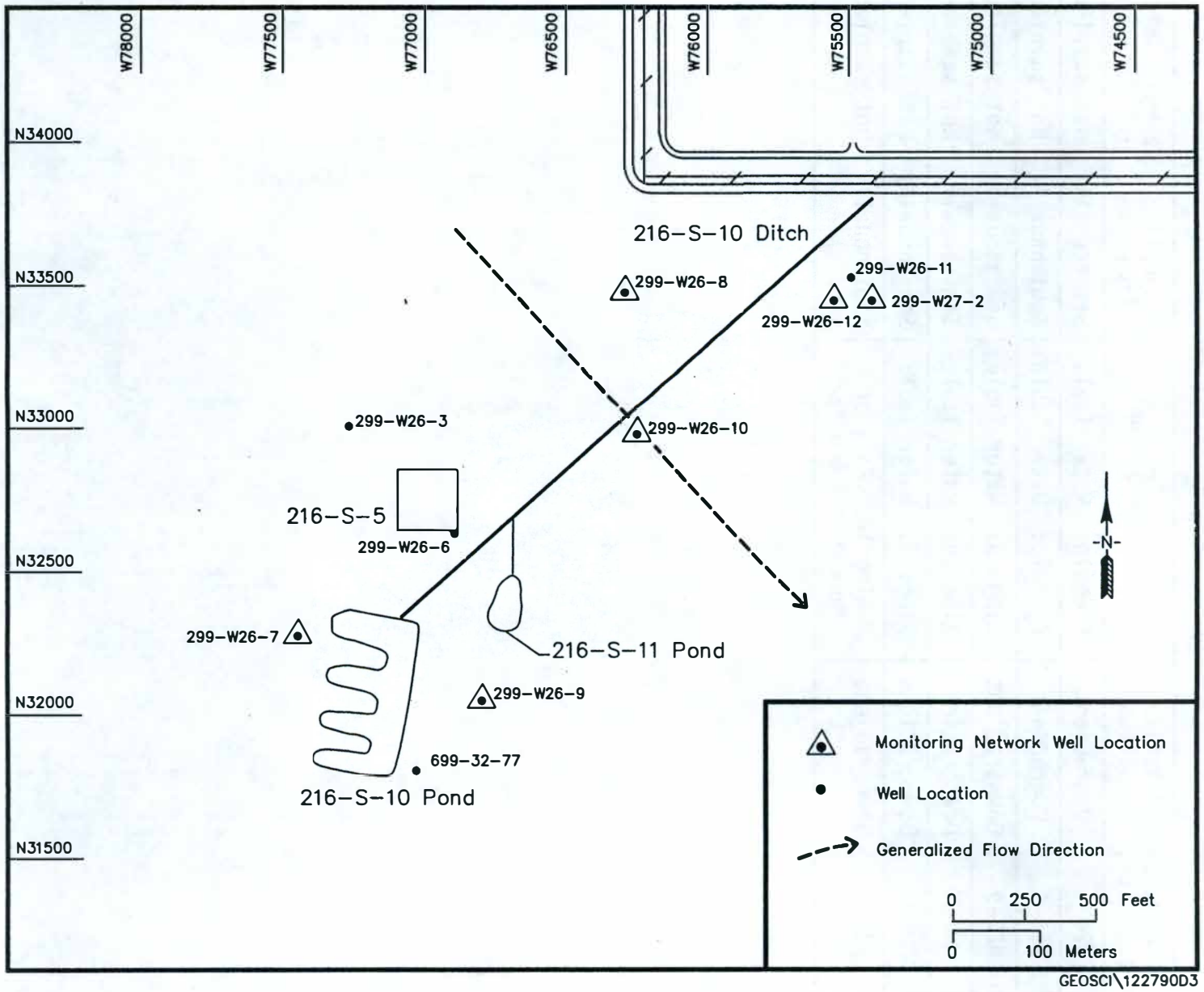

Figure 10-1. Well Location Map for the 216-S-10 Facility.

Table 10-1. Monitoring Well Purpose and Sampling Schedule for the 216-S-10 Facility.

Well no. (299-)	Relative position	Hydrogeologic unit	Sampling frequency	Sample date, 1st Qtr 1994
W26-7	Upgradient	Ringold: Water Table	Semiannually	Not sampled
W26-8	Upgradient	Ringold: Water Table	Semiannually	Not sampled
W26-9	Downgradient	Ringold: Water Table	Semiannually	Not sampled
W26-10	Downgradient	Ringold: Water Table	Semiannually	Not sampled
W26-12	Downgradient	Ringold: Water Table	Semiannually	Not sampled
W27-2	Downgradient	Ringold: Base of Unconfined Aquifer	Semiannually	Not sampled

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Table 10-2. RCRA Water Level Measurement Report for the 216-S-10 Facility, First Quarter 1994.

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
299-W26-10	3/30/94	214.93	455.94
299-W26-12	3/30/94	219.31	456.38
299-W26-7	3/30/94	194.29	457.70
299-W26-8	3/30/94	209.59	456.72
299-W26-9	3/30/94	197.83	456.33
Wells Monitoring the Bottom of the Unconfined Aquifer			
299-W27-2	3/30/94	221.12	455.99

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. To convert from feet to meters multiply by 0.3048.

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Table 10-3. Constituent List and Summary of Results for the 216-S-10 Facility Data for Reporting Period January 1 through March 31, 1994.

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			24	24	
CONDUCT	73	Conductivity, lab	µmho				24	24	
TOC		Total Organic Carbon	ppb	320			24	11	
TOX		Total Organic Halogen	ppb	5			24	9	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	24	24	0
PH	125	pH, lab	pH		6.5-8.5	EPAS	24	24	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
ALPHA		Gross alpha	pCi/L		15	EPA	2	1	0

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.22	200	EPA	3	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.062			3	0	
1,1-DIC		1,1-Dichloroethane	ppb	.08			3	0	
1,2-DIC		1,2-Dichloroethane	ppb	.055	5	EPA	3	0	0
14-dben		1,4-Dichlorobenzene	ppb	.107	75	EPA	3	0	0
BENZENE		Benzene	ppb	.24	5	EPA	3	0	0
TETRANE		Carbon tetrachloride	ppb	.32	5	EPA	3	2	0
CHLFORM		Chloroform	ppb	.05			3	3	
ETHBENZ		Ethylbenzene	ppb	.043	700	EPA	3	0	0
BETA		Gross beta	pCi/L				2	2	
METHYCH		Methylene chloride	ppb	.082			3	0	
PERCENE		Tetrachloroethene	ppb	.08	5	EPA	3	0	0
TOLUENE		Toluene	ppb	.077	1000	EPA	3	0	0
TRICENE		Trichloroethene	ppb	.043	5	EPA	3	0	0
TRITIUM		Tritium	pCi/L		20000	EPA	2	1	0
VINYIDE		Vinyl chloride	ppb	.15	2	EPA	3	0	0
XYLENE		Xylenes (total)	ppb	.2	10000	EPA	3	0	0
CIS12DE		cis-1,2-Dichloroethylene	ppb	.045	70	EPA	3	0	0
TRANDCE		trans-1,2-Dichloroethylene	ppb	.067	100	EPA	3	0	0

For explanation of this table, see Section 1.4 of report.

Table 10-4. Constituents with at Least One Detected Value for the 216-S-10 Facility Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	TETRANE 25/ppb .32/5	CHLFORM 25/ppb .05/.	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.
299-W26-10	12/17/93	B09NZ5	.12 U	2.30		
299-W26-12	12/17/93	B09P00	1.40	.19 L		
299-W26-7	12/15/93	B09P05			.27 U	3.05
299-W26-8	12/15/93	B09P10			6.94	8.80
299-W26-9	12/17/93	B09P15	.58 L	.27 L		

Well Name	Collection Date	Sample Number	TRITIUM 142/pCi/L ./20000
299-W26-7	12/15/93	B09P05	13.00 U
299-W26-8	12/15/93	B09P10	229.00

For explanation of this table, see Section 1.4 of report.

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Table 10-5. Contamination Indicator Parameters for the 216-S-10 Facility Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-W26-10	12/17/93	B09NZ5	249	220	7.55	7.70	400 L	5.0 U
		B09NZ6	248	210	7.56	7.70	200 U	5.0 U
		B09NZ7	249	220	7.57	7.70	400 L	5.0 U
		B09NZ8	248	220	7.57	7.70	300 L	5.0 U
299-W26-12	12/17/93	B09P00	209	260	7.85	7.90	300 L	5.0 U
		B09P01	205	260	7.84	8.00	400 L	8.2
		B09P02	205	260	7.84	8.00	300 L	5.0 U
		B09P03	203	260	7.85	8.00	300 L	5.0 U
299-W26-7	12/15/93	B09P05	261	250	7.73	7.90	400 L	5.0 U
		B09P06	259	260	7.73	7.90	400 L	6.2
		B09P07	258	260	7.74	7.90	200 L	5.0 U
		B09P08	258	260	7.75	7.90	200 U	5.0 U
299-W26-8	12/15/93	B09P10	250	250	8.34	8.20	500 L	9.2
		B09P11	247	250	8.39	8.20	400 L	5.0 U
		B09P12	247	250	8.41	8.20	400 L	9.0
		B09P13	246	250	8.45	8.20	400 L	9.0
299-W26-9	12/17/93	B09P15	260	270	7.01	7.80	300 L	5.0 U
		B09P16	261	270	7.04	7.80	300 L	5.0 U
		B09P17	259	270	7.05	7.80	300 L	5.0 U
		B09P18	259	270	7.08	7.80	200 L	5.0 U
299-W27-2	12/16/93	B09P20	311	350	7.79	7.90	300 L	8.9
		B09P21	310	350	7.76	7.90	400 L	10.4
		B09P22	308	350	7.75	7.90	400 L	6.6
		B09P23	309	350	7.73	7.90	200 U	6.4

For explanation of this table, see Section 1.4 of report.

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11.0 216-U-12 CRIB

B. A. Williams
Westinghouse Hanford Company

11.1 INTRODUCTION

A RCRA assessment-level groundwater monitoring network is established for the 216-U-12 Crib (U-12 Crib). The U-12 Crib received wastewater from the U Plant in the 200 West Area from April 1960 until February 1988, when it was permanently retired and replaced by the 216-U-17 Crib. Wastewater disposed in the U-12 Crib contained hazardous waste and radioactive materials. RL has proposed that the facility be closed under RCRA interim status (40 CFR 265).

The U-12 Crib is located approximately 609 m (1,998 ft) south of the U Plant in the 200 West Area (see Figure 1-1). The crib is an unlined, gravel-bottom, percolation crib that is 3 by 30.5 m (10 by 100 ft) wide and 4 m (13 ft) deep. The crib has a plastic barrier cover and is backfilled with the original excavated soil. A vitrified clay distribution pipe, buried in the gravel, dispersed the effluent across the bottom of the crib.

The waste was composed of effluent from the U Plant and included 291-U-1 Stack drainage and process condensate from the 224-U Building. The U-12 Crib received this waste stream from April 1960 until 1972, when it was deactivated. The U-12 Crib was reactivated in November 1981 and received waste until it was permanently retired in February 1988. An average of over 1,000,000 L (264,200 gal) of effluent each year were disposed of in the crib during its active life. The U-12 Crib has received low-level radioactive waste that is known to have included chemicals such as dilute nitric acid, as well as radioactive waste of plutonium, strontium, ruthenium, and uranium. Since 1985, physical controls and operating procedures have been modified to avoid inadvertent discharge of hazardous chemicals to the wastewater stream. Hydrogeologic evaluation (as of 1983) below the crib has indicated radioactive contamination to a depth of a least 43 m (140 ft). The depth to water below the crib is approximately 70 m (231 ft).

RCRA *Interim-Status Groundwater Monitoring Plan for the 216-U-12 Crib* (WHC 1990c) presents the program used to establish the background levels for the CIPs. The document summarizes the available data for the disposal facility. In accordance with the plan, four RCRA groundwater monitoring wells were installed in 1990. The monitoring network consisted of one upgradient and three downgradient wells (Figure 11-1).

The sample results for the first quarter of 1994 represent the eleventh calendar quarter of data collected at the U-12 Crib. Data collected during the third quarter of 1992 from downgradient wells 299-W22-41 and 299-W22-42 showed elevated levels of specific conductivity. Verification sampling and analysis during that and subsequent quarters corroborated these findings. The U-12 Crib groundwater monitoring well network currently is sampled quarterly for assessment monitoring in accordance with the U-12 Crib groundwater

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assessment plan (WHC 1993a). Monthly sampling began in November 1993 for the field parameters pH and specific conductivity. The data from the monthly sampling will be reported when it is available.

Two existing wells, 299-W22-22 and 299-W22-23, have been remediated for inclusion in the monitoring network. Table 11-1 lists the network wells and their sampling status during the reporting period. Currently the network consists of six wells. Sample recovery in the two remediated wells has been poor due to low fluid flow into the wells. This problem is currently being evaluated to determine the continued useability of the wells.

11.2 WATER LEVEL MEASUREMENTS

Water levels in each network well are measured at least quarterly and when water samples are collected. Water level measurements obtained during the quarter are presented in Table 11-2.

11.3 WATER CHEMISTRY DATA

Groundwater samples were collected in March 1994 from all network wells. Sampling results that were collected during September 1993 sampling (representing the third quarter of CY 1993) are also reported. All data currently available from this and the previous sampling period are shown in Tables 11-3 through 11-5. Table 11-3 includes the constituent list and a summary of results. Tables 11-4 and 11-5 show results for specific constituents. Analytical data unavailable at the time this report was prepared will be included in future quarterly reports. Also appended to this chapter are previously reported analytical results from 1992 and 1993 (Appendix A). These results were found to have problems or discrepancies after the initial reporting.

Specific conductivity in downgradient wells 299-W22-41 and 299-W22-42 continues to exceed the critical mean of 437 µmho/cm. Results for nitrate (DWS = 45,000 ppb), the principal constituent suspected of causing elevated conductivity, are 190,000 and 330,000 ppb for wells 299-W22-41 and 299-W22-42, respectively. Radiological gross beta and the related constituent technetium-99 also have elevated results in these two wells, which are consistent with previous data. Tritium activity in well 299-W22-23 is 26,000 pCi/L, which is above the 20,000-pCi/L DWS. This value is being investigated. This remediated well also has values above DWS for cadmium, chromium, iron, manganese, and silver. These constituents may be related to the condition of the casing and are being investigated. Chromium was reported above the DWS in wells 299-W22-23 and 299-W22-42, and iron was above the DWS in all the monitoring wells.

An explanation of data flags can be found in Section 1.4.5. The D flags for chloride and sulfate indicated that the samples were diluted for analysis.

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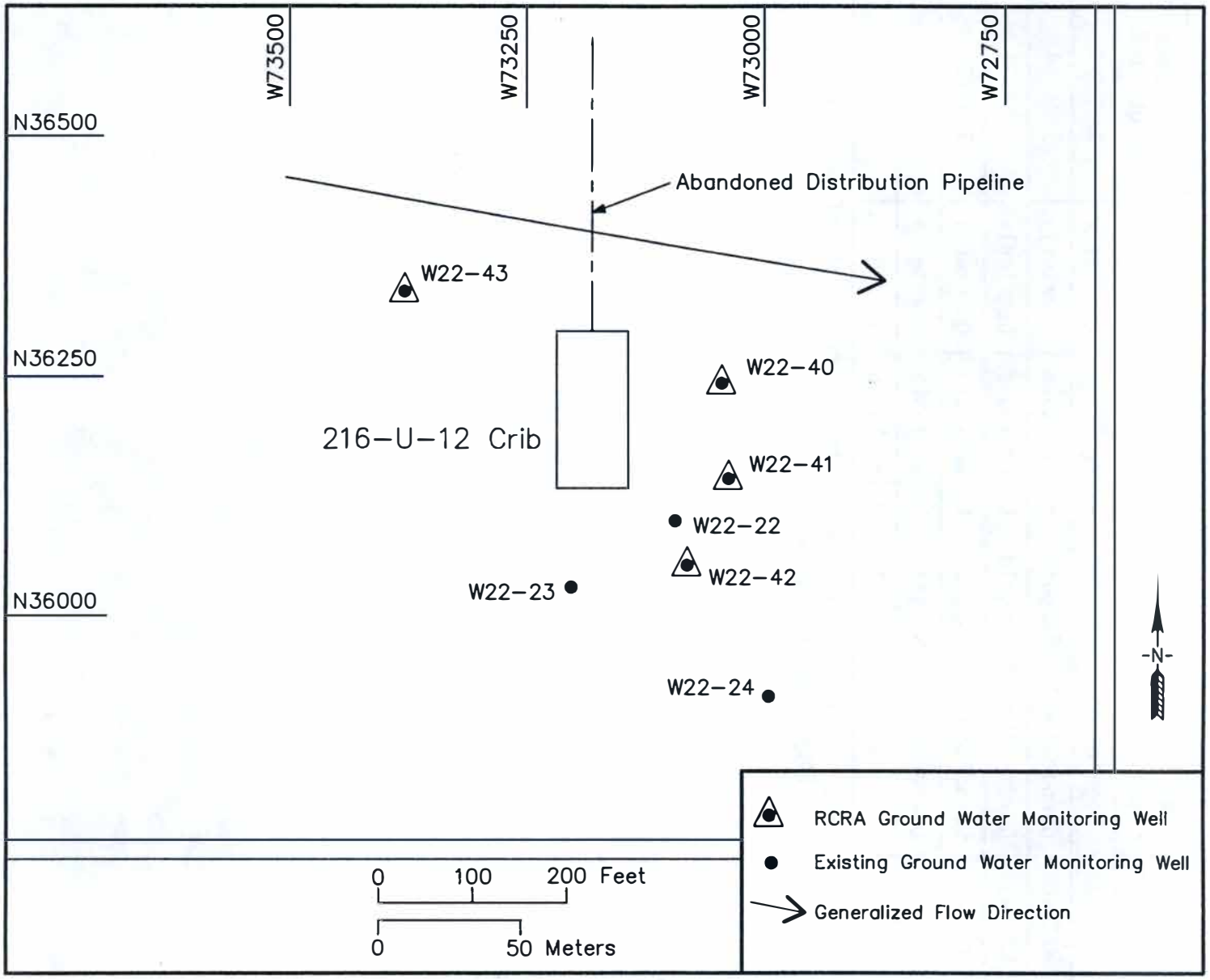

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Figure 11-1. Well Location Map for 216-U-12 Crib.

Table 11-1. Monitoring Well Purpose and Sampling Schedule for the 216-U-12 Crib.

Well no. (229-)	Relative position	Hydrogeologic unit	Sample frequency	Sample date, 1st Qtr 1994
W22-43	Upgradient	Ringold: Water Table	Quarterly	3/02/94
W22-40	Downgradient	Ringold: Water Table	Quarterly	3/04/94
W22-41	Downgradient	Ringold: Water Table	Quarterly	3/04/94
W22-42	Downgradient	Ringold: Water Table	Quarterly	3/02/94
W22-22	Downgradient	Ringold: Water Table	Quarterly	3/29/94
W22-23	Upgradient	Ringold: Water Table	Quarterly	3/02/94

Note: Hydrogeologic units include the sandy gravels of the Hanford formation and silty sands of the Ringold Formation.

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Table 11-2. RCRA Water Level Measurement Report for the 216-U-12 Crib, First Quarter 1994.

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
299-W22-40	3/28/94	237.32	454.91
299-W22-41	3/28/94	236.90	454.84
299-W22-42	3/28/94	236.37	454.79
299-W22-43	3/28/94	235.58	455.77

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. To convert from feet to meters multiply by 0.3048.

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Table 11-3. Constituent List and Summary of Results for the 216-U-12 Crib Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			41	41	
CONDUCT	73	Conductivity, lab	µmho				45	45	
TOC		Total Organic Carbon	ppb	320			48	35	
TOX		Total Organic Halogen	ppb	5			48	43	
PH		pH, field	pH	.01	6.5-8.5	EPAS	41	41	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
BARIUM		Barium	ppb	1.3	1000	EPAI	7	7	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	6	6	0
CADMIUM		Cadmium	ppb	3	10	EPAI	7	1	1
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	6	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	7	6	5
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	6	1	0
FLUORID		Fluoride	ppb	51	1400	EPAI	7	7	0
ALPHA		Gross alpha	pCi/L		15	EPA	7	6	0
NITRATE		Nitrate	ppb	96	45000	EPA	7	7	3

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	7	7	0
IRON		Iron	ppb	18	300	EPAS	7	7	4
FIRON		Iron, filtered	ppb	18	300	EPAS	6	6	2
MANGESE		Manganese	ppb	1	50	EPAS	7	7	2
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	6	5	1
SODIUM		Sodium	ppb	150			7	7	
FSODIUM		Sodium, filtered	ppb	150			6	6	
SULFATE		Sulfate	ppb	89	250000	EPAS	7	7	0

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.22	200	EPA	8	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.062			8	0	
1,1-DIC		1,1-Dichloroethane	ppb	.08			8	0	
1,2-DIC		1,2-Dichloroethane	ppb	.055	5	EPA	8	0	0
14-dben		1,4-Dichlorobenzene	ppb	.107	75	EPA	8	0	0

Table 11-3. Constituent List and Summary of Results for the 216-U-12 Crib Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

Constituent Name Short	(Method) Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
ALUMNUM	Aluminum	ppb	19			7	4	
FALUMIN	Aluminum, filtered	ppb	19			6	0	
ANTIONY	Antimony	ppb	26			7	2	
FANTIMO	Antimony, filtered	ppb	26			6	2	
BENZENE	Benzene	ppb	.24	5	EPA	8	0	0
BERYLUM	Beryllium	ppb	1.5			7	0	
FBERYLL	Beryllium, filtered	ppb	1.5			6	0	
BROMIDE	Bromide	ppb	110			7	0	
CALCIUM	Calcium	ppb	47			7	7	
FCALCIU	Calcium, filtered	ppb	47			6	6	
TETRANE	Carbon tetrachloride	ppb	.32	5	EPA	8	7	3
CHLFORM	Chloroform	ppb	.05			8	7	
COBALT	Cobalt	ppb	6.5			7	1	
FCOBALT	Cobalt, filtered	ppb	6.5			6	1	
COPPER	Copper	ppb	2.6	1000	EPAS	7	7	0
FCOPPER	Copper, filtered	ppb	2.6	1000	EPAS	6	1	0
ETHBENZ	Ethylbenzene	ppb	.043	700	EPA	8	0	0
BETA	Gross beta	pCi/L				7	7	
I-129L	Iodine-129, Low level	pCi/L				7	4	
MAGNES	Magnesium	ppb	25			7	7	
FMAGNES	Magnesium, filtered	ppb	25			6	6	
METHYCH	Methylene chloride	ppb	.082			8	0	
NICKEL	Nickel	ppb	16			7	6	
FNICKEL	Nickel, filtered	ppb	16			6	2	
NITRITE	Nitrite	ppb	110	1000	EPA	7	0	0
PHOSPHA	Phosphate	ppb	470			7	0	
POTASUM	Potassium	ppb	890			7	7	
FPOTASS	Potassium, filtered	ppb	890			6	6	
SILVER	Silver	ppb	3.4	50	EPAI	7	2	1
FSILVER	Silver, filtered	ppb	3.4	50	EPAI	6	0	0
SR-90	Strontium-90	pCi/L		8	EPA	7	1	0
TC-99	Technetium-99	pCi/L		900	EPA	7	6	0
PERCENE	Tetrachloroethene	ppb	.08	5	EPA	8	0	0
TIN	Tin	ppb	24			7	1	
FTIN	Tin, filtered	ppb	24			6	3	
TOLUENE	Toluene	ppb	.077	1000	EPA	8	1	0
TRICENE	Trichloroethene	ppb	.043	5	EPA	8	4	0
TRITIUM	Tritium	pCi/L		20000	EPA	7	7	1
TURBID	Turbidity	NTU	.016			7	7	
U-234	Uranium-234	pCi/L				7	7	
U-235	Uranium-235	pCi/L				7	3	
U-238	Uranium-238	pCi/L				7	7	
VANADUM	Vanadium	ppb	6.4			7	6	
FVANADI	Vanadium, filtered	ppb	6.4			6	5	
VINYIDE	Vinyl chloride	ppb	.15	2	EPA	8	0	0
XYLENE	Xylenes (total)	ppb	.2	10000	EPA	8	0	0
ZINC	Zinc	ppb	4.4	5000	EPAS	7	6	0
FZINC	Zinc, filtered	ppb	4.4	5000	EPAS	6	4	0
CIS12DE	cis-1,2-Dichloroethylene	ppb	.045	70	EPA	8	0	0
TRANDCE	trans-1,2-Dichloroethylene	ppb	.067	100	EPA	8	0	0

For explanation of this table, see Section 1.4 of report.

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Table 11-4. Constituents with at Least One Detected Value for the 216-U-12 Crib Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 5)

Well Name	Collection Date	Sample Number	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	ANTIONY 34/ppb 26/.	FANTIMO 34/ppb 26/.
299-W22-22	3/29/94	B0BGW9	260.00		26.00 U	
299-W22-23	3/02/94	B0BGG8	480.00		69.40 U	
299-W22-23	3/02/94	B0BGH2		32.50 U		69.40 U
299-W22-40	3/04/94	B0BGH3	25.00 L		49.00 BL	
299-W22-40	3/04/94	B0BGH7		32.50 U		47.00 BL
299-W22-41	3/04/94	B0BGH8	27.00 L		71.00 BL	
299-W22-41	3/04/94	B0BGJ2		32.50 U		32.00 BL
299-W22-42	3/02/94	B0BGJ3	32.50 U		69.40 U	
299-W22-42	3/02/94	B0BGJ4	32.50 U		69.40 U	
299-W22-42	3/02/94	B0BGK1		32.50 U		69.40 U
299-W22-42	3/02/94	B0BGK2		32.50 U		69.40 U
299-W22-43	3/02/94	B0BGK3	32.50 U		69.40 U	
299-W22-43	3/02/94	B0BGK7		32.50 U		69.40 U

Well Name	Collection Date	Sample Number	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	CADMIUM 34/ppb 3/10i	FCADMIU 34/ppb 3/10i
299-W22-22	3/29/94	B0BGW9	11.00 L		55.00	
299-W22-23	3/02/94	B0BGG8	38.00		4.70 U	
299-W22-23	3/02/94	B0BGH2		38.00		4.70 U
299-W22-40	3/04/94	B0BGH3	37.00		4.70 U	
299-W22-40	3/04/94	B0BGH7		36.00		4.70 U
299-W22-41	3/04/94	B0BGH8	56.00		4.70 U	
299-W22-41	3/04/94	B0BGJ2		58.00		4.70 U
299-W22-42	3/02/94	B0BGJ3	95.00		4.70 U	
299-W22-42	3/02/94	B0BGJ4	96.00		4.70 U	
299-W22-42	3/02/94	B0BGK1		86.00		4.70 U
299-W22-42	3/02/94	B0BGK2		85.00		4.70 U
299-W22-43	3/02/94	B0BGK3	30.00		4.70 U	
299-W22-43	3/02/94	B0BGK7		29.00		4.70 U

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	TETRANE 25/ppb .32/5	CHLORID 124/ppb 71/250000s
299-W22-22	3/29/94	B0BGW9	21000.00		.32 U	12000.00 D
299-W22-23	12/17/93	B09P48			.38 L	
299-W22-23	3/02/94	B0BGG8	18000.00		.65 L	16000.00 D
299-W22-23	3/02/94	B0BGH2		20000.00		
299-W22-40	3/04/94	B0BGH3	36000.00		7.60	17000.00 D
299-W22-40	3/04/94	B0BGH7		36000.00		
299-W22-41	3/04/94	B0BGH8	68000.00		5.50	14000.00 D
299-W22-41	3/04/94	B0BGJ2		70000.00		
299-W22-42	3/02/94	B0BGJ3	100000.00		4.80	12000.00 D
299-W22-42	3/02/94	B0BGJ4	100000.00		5.00	12000.00 D
299-W22-42	3/02/94	B0BGK1		94000.00		
299-W22-42	3/02/94	B0BGK2		91000.00		
299-W22-43	3/02/94	B0BGK3	31000.00		7.00	17000.00 D
299-W22-43	3/02/94	B0BGK7		31000.00		

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Table 11-4. Constituents with at Least One Detected Value for the 216-U-12 Crib Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 5)

Well Name	Collection Date	Sample Number	CHLFORM 25/ppb .05/.	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COBALT 34/ppb 6.5/.
299-W22-22	3/29/94	B0BGW9	.05 U	11.00 U		6.50 U
299-W22-23	12/17/93	B09P48	.27 L			
299-W22-23	3/02/94	B0BGG8	.24 L	2100.00		20.00
299-W22-23	3/02/94	B0BGH2			5.42 U	
299-W22-40	3/04/94	B0BGH3	.64	67.00		4.05 U
299-W22-40	3/04/94	B0BGH7			5.42 U	
299-W22-41	3/04/94	B0BGH8	.47 L	77.00		4.05 U
299-W22-41	3/04/94	B0BGJ2			5.42 U	
299-W22-42	3/02/94	B0BGJ3	.45 L	37.00 Q		4.05 U
299-W22-42	3/02/94	B0BGJ4	.54	110.00 Q		4.05 U
299-W22-42	3/02/94	B0BGK1			13.00 LQ	
299-W22-42	3/02/94	B0BGK2			5.42 UQ	
299-W22-43	3/02/94	B0BGK3	.63	70.00		4.05 U
299-W22-43	3/02/94	B0BGK7			5.42 U	

Well Name	Collection Date	Sample Number	FCOBALT 34/ppb 6.5/.	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i
299-W22-22	3/29/94	B0BGW9		7.20 L		800.00
299-W22-23	3/02/94	B0BGG8		110.00		900.00
299-W22-23	3/02/94	B0BGH2	4.05 U		2.65 U	
299-W22-40	3/04/94	B0BGH3		5.30 L		800.00
299-W22-40	3/04/94	B0BGH7	4.05 U		2.65 U	
299-W22-41	3/04/94	B0BGH8		8.20 L		900.00
299-W22-41	3/04/94	B0BGJ2	4.05 U		3.50 L	
299-W22-42	3/02/94	B0BGJ3		5.20 LQ		900.00
299-W22-42	3/02/94	B0BGJ4		7.10 LQ		900.00
299-W22-42	3/02/94	B0BGK1	4.05 U		2.65 U	
299-W22-42	3/02/94	B0BGK2	4.05 U		2.65 U	
299-W22-43	3/02/94	B0BGK3		5.80 L		800.00
299-W22-43	3/02/94	B0BGK7	7.30 L		2.65 U	

Well Name	Collection Date	Sample Number	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	I-129 139/pCi/L ./.	IRON 34/ppb 18/300s
299-W22-22	3/29/94	B0BGW9	.19 U	6.63	1.90	13000.00
299-W22-23	3/02/94	B0BGG8	3.39	6.15	22.20	13000.00
299-W22-40	3/04/94	B0BGH3	3.96	8.94	-.07 U	300.00
299-W22-41	3/04/94	B0BGH8	3.69	21.10	-.05 U	320.00
299-W22-42	3/02/94	B0BGJ3	5.19	28.50	5.10	140.00 Q
299-W22-42	3/02/94	B0BGJ4	6.65	26.60	4.55	450.00 Q
299-W22-43	3/02/94	B0BGK3	1.97	9.90	.33 U	300.00

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Table 11-4. Constituents with at Least One Detected Value for the 216-U-12 Crib Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 5)

Well Name	Collection Date	Sample Number	FIRON 34/ppb 18/300s	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s
299-W22-22	3/29/94	B0BGW9		9800.00		280.00
299-W22-23	3/02/94	B0BGG8		8200.00		960.00
299-W22-23	3/02/94	B0BGH2	590.00		8300.00	
299-W22-40	3/04/94	B0BGH3		12000.00		7.60 L
299-W22-40	3/04/94	B0BGH7	39.00		12000.00	
299-W22-41	3/04/94	B0BGH8		22000.00		6.30 L
299-W22-41	3/04/94	B0BGJ2	35.00		23000.00	
299-W22-42	3/02/94	B0BGJ3		36000.00		2.60 LQ
299-W22-42	3/02/94	B0BGJ4		37000.00		8.80 LQ
299-W22-42	3/02/94	B0BGK1	320.00 Q		33000.00	
299-W22-42	3/02/94	B0BGK2	68.00 Q		32000.00	
299-W22-43	3/02/94	B0BGK3		12000.00		8.80 L
299-W22-43	3/02/94	B0BGK7	34.00		12000.00	

Well Name	Collection Date	Sample Number	FMANGAN 34/ppb 1/50s	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000
299-W22-22	3/29/94	B0BGW9		16.00 U		30000.00 D
299-W22-23	3/02/94	B0BGG8		970.00		3100.00
299-W22-23	3/02/94	B0BGH2	910.00		23.00 L	
299-W22-40	3/04/94	B0BGH3		38.00		24000.00 D
299-W22-40	3/04/94	B0BGH7	3.50 L		17.90 U	
299-W22-41	3/04/94	B0BGH8		42.00		190000.00 D
299-W22-41	3/04/94	B0BGJ2	1.35 U		17.90 U	
299-W22-42	3/02/94	B0BGJ3		18.00 LQ		330000.00 D
299-W22-42	3/02/94	B0BGJ4		54.00 Q		330000.00 D
299-W22-42	3/02/94	B0BGK1	2.00 LQ		17.90 U	
299-W22-42	3/02/94	B0BGK2	1.40 LQ		17.90 U	
299-W22-43	3/02/94	B0BGK3		63.00		17000.00 D
299-W22-43	3/02/94	B0BGK7	2.60 L		38.00	

Well Name	Collection Date	Sample Number	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.	SILVER 34/ppb 3.4/50i	FSILVER 34/ppb 3.4/50i
299-W22-22	3/29/94	B0BGW9	4800.00		16640.00	
299-W22-23	3/02/94	B0BGG8	3500.00		2.87 U	
299-W22-23	3/02/94	B0BGH2		3500.00		2.87 U
299-W22-40	3/04/94	B0BGH3	4100.00		2.87 U	
299-W22-40	3/04/94	B0BGH7		4300.00		2.87 U
299-W22-41	3/04/94	B0BGH8	4400.00		2.87 U	
299-W22-41	3/04/94	B0BGJ2		4400.00		2.87 U
299-W22-42	3/02/94	B0BGJ3	7200.00		3.60 L	
299-W22-42	3/02/94	B0BGJ4	7400.00		2.87 U	
299-W22-42	3/02/94	B0BGK1		6500.00		2.87 U
299-W22-42	3/02/94	B0BGK2		6900.00		2.87 U
299-W22-43	3/02/94	B0BGK3	4300.00		2.87 U	
299-W22-43	3/02/94	B0BGK7		3900.00		2.87 U

Table 11-4. Constituents with at Least One Detected Value for the 216-U-12 Crib Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 5)

Well Name	Collection Date	Sample Number	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.	SR-90 141/pCi/L ./8	SULFATE 124/ppb 89/250000s
299-W22-22	3/29/94	B0BGW9	16000.00		.49	29000.00 D
299-W22-23	3/02/94	B0BGG8	29000.00		-.07 U	13000.00 D
299-W22-23	3/02/94	B0BGH2		27000.00		
299-W22-40	3/04/94	B0BGH3	21000.00		-.12 U	29000.00 BD
299-W22-40	3/04/94	B0BGH7		22000.00		
299-W22-41	3/04/94	B0BGH8	24000.00		-.03 U	32000.00 BD
299-W22-41	3/04/94	B0BGJ2		25000.00		
299-W22-42	3/02/94	B0BGJ3	31000.00		-.18 U	27000.00 D
299-W22-42	3/02/94	B0BGJ4	32000.00		-.06 U	28000.00 D
299-W22-42	3/02/94	B0BGK1		30000.00		
299-W22-42	3/02/94	B0BGK2		29000.00		
299-W22-43	3/02/94	B0BGK3	24000.00		-.13 U	29000.00 D
299-W22-43	3/02/94	B0BGK7		24000.00		

Well Name	Collection Date	Sample Number	TC-99 143/pCi/L ./900	TIN 34/ppb 24/.	FTIN 34/ppb 24/.	TOLUENE 25/ppb .077/1000
299-W22-22	3/29/94	B0BGW9	.06 U	24.00 U		.72 L
299-W22-23	12/17/93	B09P48				.06 U
299-W22-23	3/02/94	B0BGG8	3.19	51.10 U		.06 U
299-W22-23	3/02/94	B0BGH2			29.00 L	
299-W22-40	3/04/94	B0BGH3	18.30	51.10 U		.08 U
299-W22-40	3/04/94	B0BGH7			51.10 U	
299-W22-41	3/04/94	B0BGH8	120.00	51.10 U		.08 U
299-W22-41	3/04/94	B0BGJ2			51.10 U	
299-W22-42	3/02/94	B0BGJ3	156.00	32.00 LQ		.06 U
299-W22-42	3/02/94	B0BGJ4	157.00	51.10 UQ		.06 U
299-W22-42	3/02/94	B0BGK1			54.00 L	
299-W22-42	3/02/94	B0BGK2			51.10 U	
299-W22-43	3/02/94	B0BGK3	12.70	51.10 U		.06 U
299-W22-43	3/02/94	B0BGK7			26.00 L	

Well Name	Collection Date	Sample Number	TRICENE 25/ppb .043/5	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.	U-234 148/pCi/L ./.
299-W22-22	3/29/94	B0BGW9	.04 U	736.00	49.00	.12
299-W22-23	12/17/93	B09P48	.07 U			
299-W22-23	3/02/94	B0BGG8	.07 U	26000.00	36.00	1.21
299-W22-40	3/04/94	B0BGH3	.14 L	1960.00	.60	2.00
299-W22-41	3/04/94	B0BGH8	.06 L	1540.00	.63	.86
299-W22-42	3/02/94	B0BGJ3	.07 L	14600.00	2.10	1.76
299-W22-42	3/02/94	B0BGJ4	.07 U	14600.00	2.10	1.67
299-W22-43	3/02/94	B0BGK3	.12 L	2140.00	.95	.67

Table 11-4. Constituents with at Least One Detected Value for the 216-U-12 Crib Data for Reporting Period January 1 through March 31, 1994. (sheet 5 of 5)

Well Name	Collection Date	Sample Number	U-235 148/pCi/L ./.	U-238 148/pCi/L ./.	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.
299-W22-22	3/29/94	BOBGW9	-.01 U	.07	6.40 U	
299-W22-23	3/02/94	BOBGG8	.05	.88	10.00 L	
299-W22-23	3/02/94	BOBGH2				3.84 U
299-W22-40	3/04/94	BOBGH3	.08	1.59	48.00 B	
299-W22-40	3/04/94	BOBGH7				47.00 B
299-W22-41	3/04/94	BOBGH8	.02 U	.73	38.00 B	
299-W22-41	3/04/94	BOBGJ2				37.00 B
299-W22-42	3/02/94	BOBGJ3	.10 Q	1.23	25.00 L	
299-W22-42	3/02/94	BOBGJ4	.03 UQ	1.58	23.00 L	
299-W22-42	3/02/94	BOBGK1				22.00 L
299-W22-42	3/02/94	BOBGK2				27.00 L
299-W22-43	3/02/94	BOBGK3	-.01 U	.40	33.00	
299-W22-43	3/02/94	BOBGK7				31.00

Well Name	Collection Date	Sample Number	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-W22-22	3/29/94	BOBGW9	8.70 L	
299-W22-23	3/02/94	BOBGG8	4.40 L	
299-W22-23	3/02/94	BOBGH2		9.10 L
299-W22-40	3/04/94	BOBGH3	5.90 L	
299-W22-40	3/04/94	BOBGH7		3.44 U
299-W22-41	3/04/94	BOBGH8	7.10 L	
299-W22-41	3/04/94	BOBGJ2		6.00 L
299-W22-42	3/02/94	BOBGJ3	5.80 LQ	
299-W22-42	3/02/94	BOBGJ4	8.00 LQ	
299-W22-42	3/02/94	BOBGK1		10.00
299-W22-42	3/02/94	BOBGK2		9.20 L
299-W22-43	3/02/94	BOBGK3	3.44 U	
299-W22-43	3/02/94	BOBGK7		3.44 U

For explanation of this table, see Section 1.4 of report.

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Table 11-5. Contamination Indicator Parameters for the 216-U-12 Crib Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-W22-22	3/29/94	B0BGW9	311	310	8.02		1000	118.0
		B0BGX0					1000	123.0
		B0BGX1					1000	161.0
		B0BGX2					1000	192.0
299-W22-23	12/17/93	B09P48	285	300	7.98		400 L	5.0 U
		B09P49	288	300	7.97		400 L	5.0 U
		B09P50	288	300	7.96		600 L	55.2
		B09P51	289	300	7.95		300 L	5.0 U
	3/02/94	B0BGG8	266	290	7.00		500 L	9.1
		B0BGG9	266	290	7.03		500 L	5.2
		B0BGH0	264	290	7.05		500 L	8.1
		B0BGH1	263	290	7.07		500 L	6.3
299-W22-40	12/21/93	B09P53	391	390	7.86		200 L	6.8
		B09P54	391	390	7.85		200 U	5.6
		B09P55	388	390	7.85		200 U	10.3
		B09P56	388	390	7.85		200 L	8.9
	3/04/94	B0BGH3	379	390	6.72		400 L	18.2
		B0BGH4	374	390	6.75		400 L	19.6
		B0BGH5	374	390	6.80		320 L	17.0
		B0BGH6	377	390	6.84		330 L	19.0
299-W22-41	12/20/93	B09P58	617	650	8.14		300 L	6.5
		B09P59	615	650	8.15		400 L	7.0
		B09P60	614	650	8.15		300 L	6.2
		B09P61	616	650	8.14		400 L	6.1
	3/04/94	B0BGH8	654	680	7.71		400 L	23.0
		B0BGH9	661	680	7.77		400 L	10.5
		B0BGJ0	663	680	7.77		400 L	6.4
		B0BGJ1	660	690	7.77		340 L	11.0
299-W22-42	12/21/93	B09P63	697	730	7.61		300 L	8.8
		B09P64	694	700	7.62		200 L	7.9
		B09P65	691	740	7.63		300 L	5.0 U
		B09P66	691	730	7.64		200 L	5.0 U
	3/02/94	B0BGJ3	929	940	7.44		400 L	8.5
		B0BGJ4	933	950	7.46		400 L	5.3
		B0BGJ5	938	920	7.47		400 L	5.8
		B0BGJ6	942	930	7.49		400 L	7.2
		B0BGJ7		950			400 L	8.0
		B0BGJ8		920			400 L	9.5
		B0BGJ9		950			400 L	6.4
		B0BGK0		950			400 L	6.6
299-W22-43	12/20/93	B09P68	361	370	8.15		400 L	9.0
		B09P69	360	370	8.14		300 L	6.1
299-W22-43	12/20/93	B09P70	356	370	8.15		400 L	7.5
		B09P71	354	360	8.14		300 L	10.6
	3/02/94	B0BGK3	365	370	7.99		400 L	14.8
		B0BGK4	363	370	7.99		400 L	15.1
		B0BGK5	364	370	7.99		400 L	15.9
		B0BGK6	364	370	7.99		400 L	14.8

For explanation of this table, see Section 1.4 of report.

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12.0 LIQUID EFFLUENT RETENTION FACILITY

M. D. Sweeney
Westinghouse Hanford Company

12.1 INTRODUCTION

The Liquid Effluent Retention Facility (LERF) was constructed to provide interim storage of 242-A Evaporator process condensate effluent suspected of containing listed and dangerous (ammonia) waste constituents. Construction of the LERF began in May 1990 as a facility expansion under interim-status regulations. The LERF, classified as a surface impoundment for mixed waste storage, will be permitted in accordance with WAC 173-303. The evaporator was shut down in 1989 and restarted on April 8, 1994. A treatment unit for the evaporator liquid waste is being designed and is scheduled for operation in 1994. The LERF basins will serve as temporary storage for the waste until that time.

The facility is classified as a surface impoundment and was originally planned to have four basins arranged side by side. Four excavations were made; only three of the four basins are lined and currently planned for use. The basins are located at the northeast corner of the 200 East Area. The liquid effluent may contain spent nonhalogenated solvents (F003 and F005, WAC 173-303-9004, "Dangerous Waste Source List"), namely acetone, methyl ethyl ketone, and methyl isobutyl ketone. The ammonia content in the liquid effluent may also be cause for handling the effluent as a dangerous waste.

A groundwater monitoring network was installed around the LERF in 1990, in accordance with the groundwater monitoring plan (WHC 1991). Four quarters of background groundwater sampling collection and analysis were completed. The facility is currently in the detection-level indicator parameter evaluation program until closure or other action. Three downgradient wells and one upgradient well constitute the monitoring network. Figure 12-1 shows the water table elevation and the well locations. Table 12-1 provides the sampling event and last sampling date and interval, and defines the upgradient and downgradient groundwater chemistry monitoring wells.

12.2 WATER LEVEL MEASUREMENTS

Water levels are measured quarterly and when the groundwater samples are collected at each of the four wells in the network. Water level measurements obtained during the quarter are presented in Table 12-2.

12.3 WATER CHEMISTRY DATA

The samples for first quarter of 1994 were collected from January 17 to January 19, 1994. One of the downgradient wells, 299-E26-9, has been removed from the sampling schedule. This well has less than 0.3 m (1 ft) of water

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left in the well casing; the water level is too low to perform normal sampling. Re-reported chemistry data for the LERF can be found in Appendix A.

The data received before the cutoff date for this report are reported in Tables 12-2 through 12-5. Concentrations of unfiltered chromium and iron continue to indicate fluctuating concentrations above the DWS for these constituents. Filtered analysis for these parameters are well below the DWS. A statistical evaluation has been completed for indicator parameters for the LERF. There were no exceedances for the current sampling period.

For well 299-E35-2, four field pH samples were reported above the DWS. Laboratory analysis of the samples indicates that the field data may be in error. An RADE was submitted for these values.

An explanation of data flags can be found in Section 1.4. The D flags for chloride and sulfate indicate that the samples were diluted for analysis.

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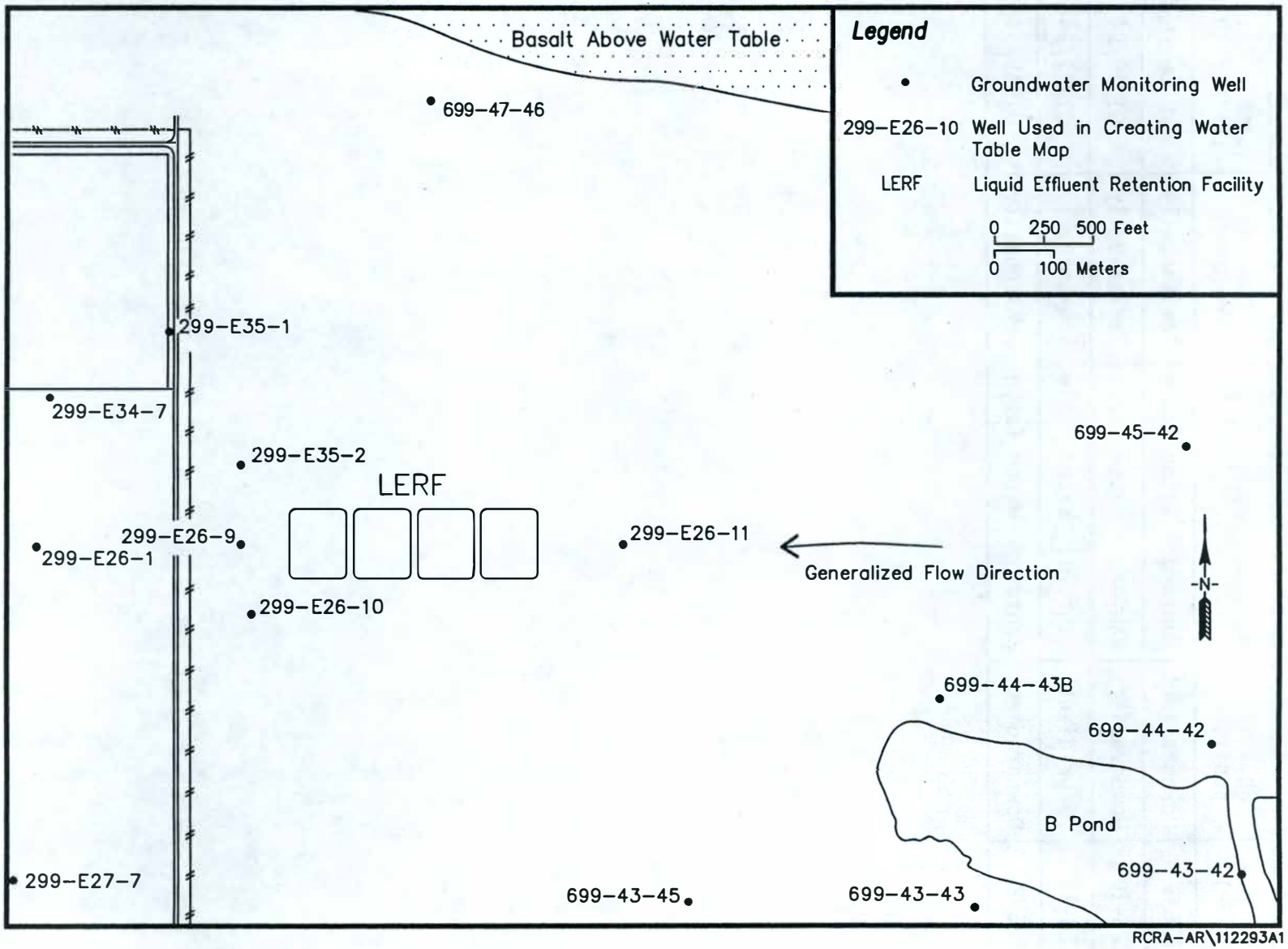

Figure 12-1. Well Location Map for the Liquid Effluent Retention Facility.

Table 12-1. Monitoring Well Purpose and Sampling Schedule for the Liquid Effluent Retention Facility Network.

Well no. (299-)	Relative position	Hydrogeologic unit	Sample frequency	Sample date, 1st Qtr 1994
E26-9	Downgradient	Hanford: Water Table	Semiannually	Not sampled
E26-10	Downgradient	Hanford: Water Table	Semiannually	01/18/94
E26-11	Upgradient	Hanford: Water Table	Semiannually	01/17/94
E35-2	Downgradient	Hanford: Water Table	Semiannually	01/19/94

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Table 12-2. RCRA Water Level Measurement Report for the LERF, First Quarter 1994.

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
299-E26-10	1/18/94	199.29	402.18*
	3/30/94	199.56	401.91
299-E26-11	1/17/94	194.47	405.21*
299-E26-9**	3/30/94	200.97	401.92
299-E35-2	1/19/94	195.95	406.15*+
	3/30/94	200.18	401.92

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. Elevations marked with a '+' are outside of the expected range, and are suspected of error.
5. Wells marked with an '**' were not sampled for chemistry because of insufficient water in casing.
6. To convert from feet to meters multiply by 0.3048.

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Table 12-3. Constituent List and Summary of Results for the Liquid Effluent Retention Facility Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			12	12	
CONDUCT	73	Conductivity, lab	µmho				12	12	
TOC		Total Organic Carbon	ppb	320			12	4	
TOX		Total Organic Halogen	ppb	5			7	2	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	12	12	4
PH	125	pH, lab	pH		6.5-8.5	EPAS	12	12	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
BARIUM		Barium	ppb	1.3	1000	EPAI	3	3	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	3	3	0
CADMIUM		Cadmium	ppb	3	10	EPAI	3	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	3	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	3	3	3
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	3	0	0
FLUORID		Fluoride	ppb	51	1400	EPAI	3	3	0
NITRATE		Nitrate	ppb	96	45000	EPA	3	3	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	3	3	0
IRON		Iron	ppb	18	300	EPAS	3	3	3
FIRON		Iron, filtered	ppb	18	300	EPAS	3	2	0
MANGESE		Manganese	ppb	1	50	EPAS	3	3	0
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	3	2	0
LPHENOL		Phenol	ppb	.57			3	0	
SODIUM		Sodium	ppb	150			3	3	
FSODIUM		Sodium, filtered	ppb	150			3	3	
SULFATE		Sulfate	ppb	89	250000	EPAS	3	3	0

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.58	200	EPA	3	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.16			3	0	
1,1-DIC		1,1-Dichloroethane	ppb	.082			3	0	
1,2-DIC		1,2-Dichloroethane	ppb	.15	5	EPA	3	0	0
12-DCE		1,2-Dichloroethene	ppb	.21			3	0	
14-dben		1,4-Dichlorobenzene	ppb	.37	75	EPA	3	0	0
1BUTYN		1-Butanol	ppm	170			3	0	
246-trp		2,4,6-Trichlorophenol	ppb	1.6			3	0	
24-dchp		2,4-Dichlorophenol	ppb	1.5			3	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			3	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			3	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			3	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			3	0	

Table 12-3. Constituent List and Summary of Results for the Liquid Effluent Retention Facility Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
2NITPH		2-Nitrophenol	ppb	1.7			3	0	
BUTDINP		2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			3	0	
46DN2MP		4,6-Dinitro-2-methylphenol	ppb	1.6			3	0	
CHLCRES		4-Chloro-3-methylphenol	ppb	1.5			3	0	
MIBK		4-Methyl-2-pentanone	ppb	18			3	0	
NITPHEN		4-Nitrophenol	ppb	1.4			3	0	
ACETONE		Acetone	ppb	21			3	0	
ALKALIN		Alkalinity	ppm	1.96			3	3	
ALUMNUM		Aluminum	ppb	19			3	0	
FALUMIN		Aluminum, filtered	ppb	19			3	0	
AMMONIU		Ammonium ion	ppb	38.5			3	1	
ANTIONY		Antimony	ppb	26			3	0	
FANTIMO		Antimony, filtered	ppb	26			3	0	
BENZENE		Benzene	ppb	.11	5	EPA	3	0	0
BERYLUM		Beryllium	ppb	1.5			3	0	
FBERYLL		Beryllium, filtered	ppb	1.5			3	0	
BROMIDE		Bromide	ppb	110			3	0	
CALCIUM		Calcium	ppb	47			3	3	
FCALCIU		Calcium, filtered	ppb	47			3	3	
CARBIDE		Carbon disulfide	ppb	.45			3	0	
TETRANE		Carbon tetrachloride	ppb	1.1	5	EPA	3	0	0
CHLFORM		Chloroform	ppb	.17			3	0	
COBALT		Cobalt	ppb	6.5			3	0	
FCOBALT		Cobalt, filtered	ppb	6.5			3	0	
COPPER		Copper	ppb	2.6	1000	EPAS	3	2	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	3	0	0
CRESOLS		Cresols (methylphenols)	ppb	4.8			3	0	
ETHCYAN		Ethyl cyanide	ppb	3			3	0	
MAGNES		Magnesium	ppb	25			3	3	
FMAGNES		Magnesium, filtered	ppb	25			3	3	
METHONE		Methyl ethyl ketone	ppb	20			3	0	
METHYCH		Methylene chloride	ppb	.077			3	0	
NICKEL		Nickel	ppb	16			3	3	
FNICKEL		Nickel, filtered	ppb	16			3	0	
NITRITE		Nitrite	ppb	110	1000	EPA	3	0	0
PENTCHP		Pentachlorophenol	ppb	1.7	1	EPA	3	0	0*
PHOSPHA		Phosphate	ppb	470			3	0	
POTASUM		Potassium	ppb	890			3	3	
FPOTASS		Potassium, filtered	ppb	890			3	3	
SILVER		Silver	ppb	3.4	50	EPAI	3	0	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	3	0	0
PERCENE		Tetrachloroethene	ppb	.13	5	EPA	3	0	0
TETPHNL		Tetrachlorophenols	ppb	1.4			3	0	
TAF		Tetrahydrofuran	ppb	2.8			3	0	
TIN		Tin	ppb	24			3	0	
FTIN		Tin, filtered	ppb	24			3	0	
TOLUENE		Toluene	ppb	.12	1000	EPA	3	0	0
TDS		Total Dissolved Solids	ppm	10	500	EPAS	3	3	0
TRICENE		Trichloroethene	ppb	.11	5	EPA	3	0	0
TRIPHNL		Trichlorophenols	ppb	2.1			3	0	
TRITIUM		Tritium	pCi/L		20000	EPA	3	2	0
VANADUM		Vanadium	ppb	6.4			3	3	
FVANADI		Vanadium, filtered	ppb	6.4			3	3	
VINYIDE		Vinyl chloride	ppb	.14	2	EPA	3	0	0
XYLENE		Xylenes (total)	ppb	.17	10000	EPA	3	0	0
ZINC		Zinc	ppb	4.4	5000	EPAS	3	0	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	3	0	0

For explanation of this table, see Section 1.4 of report.

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Table 12-4. Constituents with at Least One Detected Value for the Liquid Effluent Retention Facility Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

Well Name	Collection Date	Sample Number	ALKALIN 357/ppm 1.96/.	AMMONIU 129/ppb 38.5/.	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i
299-E26-10	1/18/94	B09QF7	90.00 B	38.50 U	24.00 Q	
299-E26-10	1/18/94	B09QG1				24.00 Q
299-E26-11	1/17/94	B09QG2	100.00 B	50.00 LQ	35.00	
299-E26-11	1/17/94	B09QG6				35.00
299-E35-2	1/19/94	B09QG7	100.00 B	38.50 U	37.00	
299-E35-2	1/19/94	B09QH1				36.00

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	CHLORID 124/ppb 71/250000s	CHROMUM 34/ppb 11/50i
299-E26-10	1/18/94	B09QF7	32000.00 Q		9400.00 D	78.00
299-E26-10	1/18/94	B09QG1		31000.00 Q		
299-E26-11	1/17/94	B09QG2	33000.00		9200.00	130.00
299-E26-11	1/17/94	B09QG6		33000.00		
299-E35-2	1/19/94	B09QG7	36000.00		11000.00 D	94.00
299-E35-2	1/19/94	B09QH1		36000.00		

Well Name	Collection Date	Sample Number	FCHROMI 34/ppb 11/50i	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i
299-E26-10	1/18/94	B09QF7		5.30 L		500.00
299-E26-10	1/18/94	B09QG1	5.42 U		2.65 U	
299-E26-11	1/17/94	B09QG2		2.65 U		500.00
299-E26-11	1/17/94	B09QG6	5.42 U		2.65 U	
299-E35-2	1/19/94	B09QG7		9.50 L		500.00
299-E35-2	1/19/94	B09QH1	5.42 U		2.65 U	

Well Name	Collection Date	Sample Number	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.
299-E26-10	1/18/94	B09QF7	380.00 Q		7900.00 Q	
299-E26-10	1/18/94	B09QG1		25.00 Q		7800.00 Q
299-E26-11	1/17/94	B09QG2	550.00		12000.00	
299-E26-11	1/17/94	B09QG6		23.00		12000.00
299-E35-2	1/19/94	B09QG7	400.00		10000.00	
299-E35-2	1/19/94	B09QH1		16.00 L		10000.00

Table 12-4. Constituents with at Least One Detected Value for the Liquid Effluent Retention Facility Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

Well Name	Collection Date	Sample Number	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.
299-E26-10	1/18/94	B09QF7	12.00 Q		30.00 L	
299-E26-10	1/18/94	B09QG1		2.80 LQ		17.90 U
299-E26-11	1/17/94	B09QG2	12.00		55.00	
299-E26-11	1/17/94	B09QG6		1.35 U		17.90 U
299-E35-2	1/19/94	B09QG7	11.00		40.00	
299-E35-2	1/19/94	B09QH1		3.20 L		17.90 U

Well Name	Collection Date	Sample Number	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.	SODIUM 34/ppb 150/.
299-E26-10	1/18/94	B09QF7	5800.00	4800.00 Q		17000.00 BQ
299-E26-10	1/18/94	B09QG1			4800.00 Q	
299-E26-11	1/17/94	B09QG2	7500.00	5100.00		19000.00 B
299-E26-11	1/17/94	B09QG6			5000.00	
299-E35-2	1/19/94	B09QG7	5800.00	6400.00		18000.00 B
299-E35-2	1/19/94	B09QH1			6000.00	

Well Name	Collection Date	Sample Number	FSODIUM 34/ppb 150/.	SULFATE 124/ppb 89/250000s	TDS 65/ppm 10/500s	TRITIUM 142/pCi/L ./20000
299-E26-10	1/18/94	B09QF7		46000.00 D	210.00	279.00
299-E26-10	1/18/94	B09QG1	16000.00 BQ			
299-E26-11	1/17/94	B09QG2		63000.00 D	250.00	1700.00
299-E26-11	1/17/94	B09QG6	20000.00 B			
299-E35-2	1/19/94	B09QG7		61000.00 D	260.00	176.00 U
299-E35-2	1/19/94	B09QH1	18000.00 B			

Well Name	Collection Date	Sample Number	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.
299-E26-10	1/18/94	B09QF7	18.00 L	
299-E26-10	1/18/94	B09QG1		19.00 L
299-E26-11	1/17/94	B09QG2	26.00 L	
299-E26-11	1/17/94	B09QG6		26.00 L
299-E35-2	1/19/94	B09QG7	19.00 L	
299-E35-2	1/19/94	B09QH1		19.00 L

For explanation of this table, see Section 1.4 of report.

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Table 12-5. Contamination Indicator Parameters for the Liquid Effluent Retention Facility Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-E26-10	1/18/94	B09QF7	327	320	8.06	8.20	200 L	5.0 U
		B09QF8	328	320	8.06	8.20	300 L	5.0 U
		B09QF9	326	320	8.05	8.20	200 L	5.0 U
		B09QG0	326	320	8.05	8.20	200 U	5.0 U
299-E26-11	1/17/94	B09QG2	377	370	8.04	8.10	200 U	
		B09QG3	377	370	8.04	8.10	200 L	
		B09QG4	376	370	8.03	8.00	200 L	
		B09QG5	375	370	8.03	8.10	200 U	
299-E35-2	1/19/94	B09QG7	368	370	8.78 F	8.30	400 L	5.0 U
		B09QG8	367	370	8.68	8.30	400 L	
		B09QG9	369	370	8.57 F	8.30	500 L	13.3
		B09QH0	370	370	8.56 F	8.30	400 L	9.0

For explanation of this table, see Section 1.4 of report.

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9413280.1823

13.0 2101-M POND

E. C. Thornton
Westinghouse Hanford Company

13.1 INTRODUCTION

The 2101-M Pond is a U-shaped, unlined trench located in the 200 East Area. It has received wastewater from the 2101-M Building heating and air conditioning system since 1953. In 1981, Basalt Waste Isolation Project laboratories were plumbed into the discharge line from the 2101-M Building to the 2101-M Pond. From 1981 until mid-1985, these laboratories may have discharged dangerous waste into the 2101-M Pond. The most important chemicals used in the 2101-M laboratories were barium chloride and hydrochloric and nitric acids; they are assumed to have been disposed in laboratory drains connected to the 2101-M Pond.

The groundwater monitoring network for the 2101-M Pond consists of one upgradient (299-E18-1) and three downgradient (299-E18-2, 299-E18-3, and 299-E18-4) wells installed in the uppermost portion of the unconfined aquifer (Figure 13-1). Upgradient well 299-E18-1 is also used as a monitoring well for the 216-B-3 Pond System.

Groundwater sampling began in August 1988 for the 2101-M Pond and was conducted on a quarterly basis until August 1989 to establish background values. Semiannual indicator parameter evaluation monitoring was initiated in November 1989 under RCRA interim-status regulations. Table 13-1 provides information on the relative position of each well, the hydrogeologic unit monitored, sampling frequency, and the latest sampling date.

13.2 WATER LEVEL DATA

Water level measurements were performed in the January through March 1994 period for all four wells. The data are presented in Table 13-2. Water levels have been corrected for vertical deviations for each well based on inclinometer measurements.

13.3 WATER CHEMISTRY DATA

Semiannual sampling was last conducted in the fourth quarter of 1993 for the four wells associated with the 2101-M Pond. Groundwater samples were collected on December 15, 1993, for wells 299-E18-1 and 299-E18-4, and on December 20, 1993, for wells 299-E18-2 and 299-E18-3. In addition, well 299-E18-1 was sampled on March 10, 1994; this was required because this well is also designated as an upgradient monitoring well for the 216-B-3 Pond System and is currently being sampled on a quarterly basis as part of the assessment monitoring program for that unit.

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Water chemistry data received by May 19, 1994, are reported in Tables 13-3 through 13-5. Critical means for TOC, pH, and conductivity were not exceeded, as previously indicated in the last quarterly report. TOX data have also been received since the last quarterly, however, and quadruplicate samples collected from well 299-E18-4 on December 29, 1993 exceeded the critical mean (see Table 13-5). A request has been submitted to have the well resampled in quadruplicate for TOX. In addition, one of the TOX quadruplicate values for well 299-E18-1 was high for samples collected on March 10, 1994. An RADE has been submitted for further evaluation of these data.

A turbidity value of 14.00 NTUs was reported for the sample collected from well 299-E18-1 on March 10, 1994, compared to values of 47.3 and 8.70 NTUs for samples collected on June 11, 1993, and December 15, 1993, respectively. Unfiltered chromium and iron concentrations were above DWSs for the sample collected on March 10, 1994, and are probably related to the turbidity of the sample. A request will be submitted to have the well examined for possible maintenance actions.

Data are flagged in Tables 13-4 and 13-5 according to the explanation provided in Section 1.4.5. Some re-reported data for the 2101-M Pond are also provided in Appendix A; no significant changes appear in these data relative to previously reported values.

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Figure 13-1. Well Location Map for the 2101-M Pond.

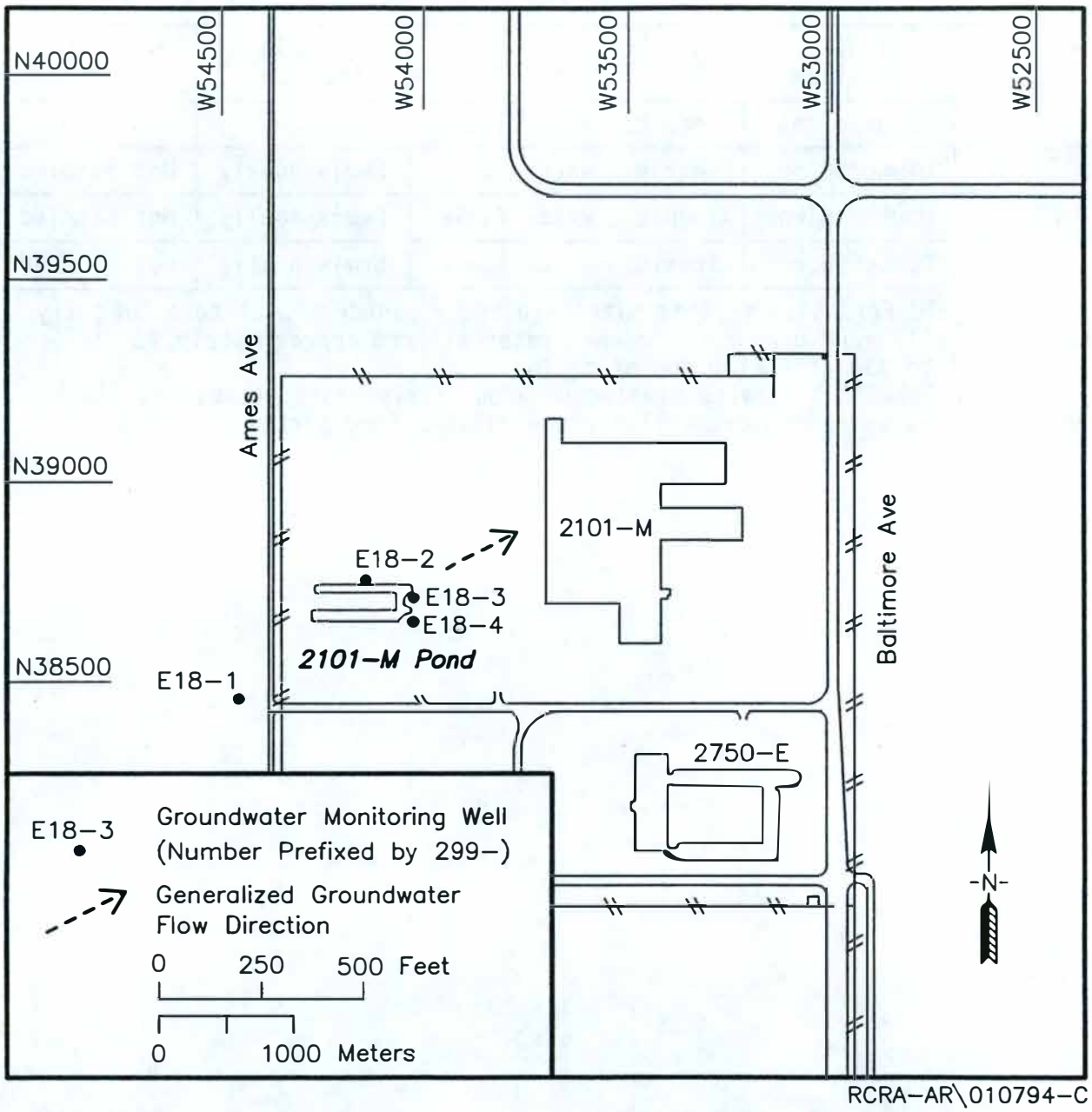

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Table 13-1. Monitoring Well Purpose and Sampling Schedule for the 2101-M Pond.

Well no. (299-)	Relative position	Hydrogeologic unit[a]	Sample frequency	Sample date, 1st Qtr 1994
E18-1	Upgradient	Ringold: Water Table	Quarterly	03/10/94[b]
E18-2	Downgradient	Ringold: Water Table	Semiannually	Not sampled
E18-3	Downgradient	Ringold: Water Table	Semiannually	Not sampled
E18-4	Downgradient	Ringold: Water Table	Semiannually	Not sampled

[a]Ringold Formation at this site is a muddy, sandy gravel to a slightly muddy gravelly sand over the screened interval from approximately 92 to 101 m (302 to 331 ft) below top of casing.

[b]Well 299-E18-1 is also sampled on a quarterly basis because it is designated as an upgradient well for the 216-B-3 Pond System.

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Table 13-2. RCRA Water Level Measurement Report for the 2101-M Pond, First Quarter 1994.

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
299-E18-1	1/10/94	318.49	401.81
	2/17/94	318.32	401.98
	3/10/94	316.43	403.87*
	3/25/94	318.61	401.69
299-E18-2	1/10/94	319.75	401.68
	2/17/94	319.78	401.65
	3/25/94	319.88	401.55
299-E18-3	1/10/94	320.29	401.78
	2/17/94	320.40	401.67
	3/25/94	320.42	401.65
299-E18-4	1/10/94	319.83	401.74
	2/17/94	319.89	401.68
	3/25/94	319.88	401.69

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation corrected for vertical deviations for the well. Vertical deviation correction factors based on inclinometer measurements are +0.06 ft for 299-E18-1, +0.22 ft for 299-E18-2, +0.03 ft for 299-E18-3, and +0.0 ft for 299-E18-4.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. To convert from feet to meters multiply by 0.3048.

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Table 13-3. Constituent List and Summary of Results for the 2101-M Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 3)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			20	20	
CONDUCT	73	Conductivity, lab	µmho				13	13	
TOC		Total Organic Carbon	ppb	320			16	5	
TOX		Total Organic Halogen	ppb	5			20	9	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	20	20	0
PH	125	pH, lab	pH		6.5-8.5	EPAS	12	12	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
2,4,5TP		2,4,5-TP	ppb	.015	50	EPA	1	0	0
2,4-D		2,4-D	ppb	.052	100	EPAI	1	0	0
BARIUM		Barium	ppb	1.3	1000	EPAI	5	5	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	4	4	0
CADMIUM		Cadmium	ppb	3	10	EPAI	5	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	4	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	5	5	4
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	4	1	0
ENDRIN		Endrin	ppb	.0042	.2	EPA	1	0	0
FLUORID		Fluoride	ppb	51	1400	EPAI	1	1	0
ALPHA		Gross alpha	pCi/L		15	EPA	3	3	0
METHLOR		Methoxychlor	ppb	.022	100	EPAI	1	0	0
NITRATE		Nitrate	ppb	96	45000	EPA	1	1	0
TOXAENE		Toxaphene	ppb	.7	5	EPAI	1	0	0
g-BHC		gamma-BHC (Lindane)	ppb	.0015	4	EPAI	1	0	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	1	1	0
IRON		Iron	ppb	18	300	EPAS	5	5	4
FIRON		Iron, filtered	ppb	18	300	EPAS	4	2	0
MANGESE		Manganese	ppb	1	50	EPAS	5	5	0
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	4	3	0
LPHENOL		Phenol	ppb	.5			1	0	
SODIUM		Sodium	ppb	150			5	5	
FSODIUM		Sodium, filtered	ppb	150			4	4	
SULFATE		Sulfate	ppb	89	250000	EPAS	1	1	0

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Table 13-3. Constituent List and Summary of Results for the 2101-M Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 3)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.58	200	EPA	1	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.16			1	0	
1,1-DIC		1,1-Dichloroethane	ppb	.082			1	0	
1,2-DIC		1,2-Dichloroethane	ppb	.15	5	EPA	1	0	0
12-DCE		1,2-Dichloroethene	ppb	.21			1	0	
14-dben		1,4-Dichlorobenzene	ppb	.37	75	EPA	1	0	0
1BUTYN		1-Butanol	ppm	170			1	0	
2,4,5-T		2,4,5-T	ppb	.018			1	0	
24-dchp		2,4-Dichlorophenol	ppb	1.3			1	0	
2METHPH		2-Methylphenol	ppb	1.9			1	0	
2NITPH		2-Nitrophenol	ppb	1.6			1	0	
BUTDINP		2-sec-Butyl-4,6-dinitrophenol(DN	ppb	.24			1	0	
DDD		4,4'-DDD	ppb	.0039			1	0	
DDE		4,4'-DDE	ppb	.0015			1	0	
DDT		4,4'-DDT	ppb	.0012			1	0	
MIBK		4-Methyl-2-pentanone	ppb	18			1	0	
4METHPH		4-Methylphenol	ppb	1.3			1	0	
ACETONE		Acetone	ppb	21			1	0	
ALDRIN		Aldrin	ppb	.0018			1	0	
a-BHC		Alpha-BHC	ppb	.003			1	0	
ALUMNUM		Aluminum	ppb	19			5	2	
FALUMIN		Aluminum, filtered	ppb	19			4	0	
ANTIONY		Antimony	ppb	26			5	0	
FANTIMO		Antimony, filtered	ppb	26			4	0	
AR1016		Aroclor-1016	ppb	.059			1	0	
AR1221		Aroclor-1221	ppb	.06			1	0	
AR1232		Aroclor-1232	ppb	.094			1	0	
AR1242		Aroclor-1242	ppb	.17			1	0	
AR1248		Aroclor-1248	ppb	.047			1	0	
AR1254		Aroclor-1254	ppb	.092			1	0	
AR1260		Aroclor-1260	ppb	.079			1	0	
BENZENE		Benzene	ppb	.11	5	EPA	1	0	0
BENZOTH		Benzothiazole	ppb	1.9			1	0	
BERYLUM		Beryllium	ppb	1.5			5	0	
FBERYLL		Beryllium, filtered	ppb	1.5			4	0	
b-BHC		Beta-BHC	ppb	.0013			1	0	
BIS2EPH		Bis(2-ethylhexyl) phthalate	ppb	1.1			1	0	
BROMIDE		Bromide	ppb	110			1	0	
CALCIUM		Calcium	ppb	47			5	5	
FCALCIU		Calcium, filtered	ppb	47			4	4	
CARBIDE		Carbon disulfide	ppb	.45			1	0	
TETRANE		Carbon tetrachloride	ppb	1.1	5	EPA	1	0	0
CHLOANE		Chlordane	ppb	.042	2	EPA	1	0	0
CHLFORM		Chloroform	ppb	.17			1	0	
COBALT		Cobalt	ppb	6.5			5	0	
FCOBALT		Cobalt, filtered	ppb	6.5			4	0	
COLIFORM		Coliforms	COL	1	1	EPAI	1	0	0
COPPER		Copper	ppb	2.6	1000	EPAS	5	3	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	4	1	0
DECANE		Decane	ppb	2.9			1	0	
d-BHC		Delta-BHC	ppb	.0018			1	0	
DIELRIN		Dieldrin	ppb	.0021			1	0	
DODECAN		Dodecane	ppb	2.4			1	0	
ENDO1		Endosulfan I	ppb	.0018			1	0	
ENDO2		Endosulfan II	ppb	.0012			1	0	

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Table 13-3. Constituent List and Summary of Results for the 2101-M Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 3)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
ENDSFAN		Endosulfan sulfate	ppb	.0018			1	0	
ENDRALD		Endrin Aldehyde	ppb	.0039			1	0	
ETHCYAN		Ethyl cyanide	ppb	3			1	0	
BETA		Gross beta	pCi/L				3	3	
HEPTLOR		Heptachlor	ppb	.0015	.4	EPA	1	0	0
HEPTIDE		Heptachlor epoxide	ppb	.0012	.2	EPA	1	0	0
LHYDRAZ		Hydrazine	ppb	2.3			1	0	
MAGNES		Magnesium	ppb	25			5	5	
FMAGNES		Magnesium, filtered	ppb	25			4	4	
METHONE		Methyl ethyl ketone	ppb	20			1	0	
METHYCH		Methylene chloride	ppb	.077			1	0	
NAPHTHA		Naphthalene	ppb	1.2			1	0	
NICKEL		Nickel	ppb	16			5	4	
FNICKEL		Nickel, filtered	ppb	16			4	0	
NITRITE		Nitrite	ppb	110	1000	EPA	1	0	0
PENTCHP		Pentachlorophenol	ppb	1.7	1	EPA	1	0	1*
PHOSPHA		Phosphate	ppb	470			1	0	
POTASUM		Potassium	ppb	890			5	5	
FPOTASS		Potassium, filtered	ppb	890			4	4	
SILVER		Silver	ppb	3.4	50	EPAI	5	1	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	4	0	0
PERCENE		Tetrachloroethene	ppb	.13	5	EPA	1	0	0
TETRADE		Tetradecane	ppb	3			1	0	
TAF		Tetrahydrofuran	ppb	2.8			1	0	
TIN		Tin	ppb	24			5	0	
FTIN		Tin, filtered	ppb	24			4	0	
TOLUENE		Toluene	ppb	.12	1000	EPA	1	0	0
TDS		Total Dissolved Solids	ppm	10	500	EPAS	1	1	0
TRIBUTPH		Tributyl Phosphate	ppb	3.9			1	0	
TRICENE		Trichloroethene	ppb	.11	5	EPA	1	0	0
TDICHPH		Tris-2-chloroethyl phosphate	ppb	2.2			1	0	
TRITIUM		Tritium	pCi/L		20000	EPA	2	2	0
TURBID		Turbidity	NTU	.016			1	1	
VANADUM		Vanadium	ppb	6.4			5	5	
FVANADI		Vanadium, filtered	ppb	6.4			4	4	
VINYIDE		Vinyl chloride	ppb	.14	2	EPA	1	0	0
XYLENE		Xylenes (total)	ppb	.17	10000	EPA	1	0	0
ZINC		Zinc	ppb	4.4	5000	EPAS	5	3	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	4	0	0
MCRESOL		m-Cresol	ppb	6.3			1	0	

For explanation of this table, see Section 1.4 of report.

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Table 13-4. Constituents with at Least One Detected Value for the 2101-M Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 3)

Well Name	Collection Date	Sample Number	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i
299-E18-1	12/15/93	B09NX1	79.00 L		30.00	
299-E18-1	12/15/93	B09NX5		40.00 U		27.00
299-E18-1	3/10/94	B0BHM1	160.00 L		28.00	
299-E18-2	12/20/93	B09NX6	40.00 U		55.00 B	
299-E18-2	12/20/93	B09NY0		40.00 U		53.00 B
299-E18-3	12/20/93	B09NY1	40.00 U		58.00 B	
299-E18-3	12/20/93	B09NY5		40.00 U		58.00 B
299-E18-4	12/15/93	B09NY6	40.00 U		62.00	
299-E18-4	12/15/93	B09NZ0		40.00 U		61.00

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	CHLORID 124/ppb 71/250000s	CHROMUM 34/ppb 11/50i
299-E18-1	12/15/93	B09NX1	58000.00 Q			63.00 Q
299-E18-1	12/15/93	B09NX5		59000.00 Q		
299-E18-1	3/10/94	B0BHM1	54000.00		7300.00	120.00
299-E18-2	12/20/93	B09NX6	29000.00 BQ			81.00
299-E18-2	12/20/93	B09NY0		29000.00 BQ		
299-E18-3	12/20/93	B09NY1	29000.00 BQ			45.00
299-E18-3	12/20/93	B09NY5		29000.00 BQ		
299-E18-4	12/15/93	B09NY6	31000.00 Q			72.00 Q
299-E18-4	12/15/93	B09NZ0		30000.00 Q		

Well Name	Collection Date	Sample Number	FCHROMI 34/ppb 11/50i	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i
299-E18-1	12/15/93	B09NX1		6.00 U		
299-E18-1	12/15/93	B09NX5	6.00 UQ		6.00 U	
299-E18-1	3/10/94	B0BHM1		7.00 L		800.00
299-E18-2	12/20/93	B09NX6		5.50 L		
299-E18-2	12/20/93	B09NY0	6.00 U		6.00 L	
299-E18-3	12/20/93	B09NY1		5.50 L		
299-E18-3	12/20/93	B09NY5	14.00 L		6.00 U	
299-E18-4	12/15/93	B09NY6		6.00 U		
299-E18-4	12/15/93	B09NZ0	9.10 LQ		6.00 U	

Well Name	Collection Date	Sample Number	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s
299-E18-1	12/15/93	B09NX1	2.52	12.90	900.00 Q	
299-E18-1	12/15/93	B09NX5				10.00 UQ
299-E18-1	3/10/94	B0BHM1	3.82	7.63	1400.00	
299-E18-2	12/20/93	B09NX6			340.00 B	
299-E18-2	12/20/93	B09NY0				21.00 B
299-E18-3	12/20/93	B09NY1			250.00 B	
299-E18-3	12/20/93	B09NY5				67.00 B
299-E18-4	12/15/93	B09NY6	2.34	4.80	530.00 Q	
299-E18-4	12/15/93	B09NZ0				17.00 LQ

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Table 13-4. Constituents with at Least One Detected Value for the 2101-M Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 3)

Well Name	Collection Date	Sample Number	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s
299-E18-1	12/15/93	B09NX1	14000.00		26.00	
299-E18-1	12/15/93	B09NX5		14000.00		15.00
299-E18-1	3/10/94	B0BHM1	13000.00		30.00 B	
299-E18-2	12/20/93	B09NX6	8000.00		6.50 L	
299-E18-2	12/20/93	B09NY0		7900.00		3.00 U
299-E18-3	12/20/93	B09NY1	8300.00		5.60 L	
299-E18-3	12/20/93	B09NY5		8300.00		3.90 L
299-E18-4	12/15/93	B09NY6	8200.00		11.00	
299-E18-4	12/15/93	B09NZ0		8100.00		3.20 L

Well Name	Collection Date	Sample Number	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.
299-E18-1	12/15/93	B09NX1	34.00			5700.00
299-E18-1	12/15/93	B09NX5		20.00 U		
299-E18-1	3/10/94	B0BHM1	47.00		13000.00 D	5400.00
299-E18-2	12/20/93	B09NX6	33.00			5300.00
299-E18-2	12/20/93	B09NY0		20.00 U		
299-E18-3	12/20/93	B09NY1	20.00 U			5100.00
299-E18-3	12/20/93	B09NY5		20.00 U		
299-E18-4	12/15/93	B09NY6	35.00			5100.00
299-E18-4	12/15/93	B09NZ0		20.00 U		

Well Name	Collection Date	Sample Number	FPOTASS 34/ppb 890/.	SILVER 34/ppb 3.4/50i	FSILVER 34/ppb 3.4/50i	SODIUM 34/ppb 150/.
299-E18-1	12/15/93	B09NX1		4.00 U		27000.00 B
299-E18-1	12/15/93	B09NX5	5400.00		4.00 U	
299-E18-1	3/10/94	B0BHM1		2.87 U		25000.00
299-E18-2	12/20/93	B09NX6		4.00 U		14000.00 B
299-E18-2	12/20/93	B09NY0	5000.00		4.00 U	
299-E18-3	12/20/93	B09NY1		4.00 U		6300.00 B
299-E18-3	12/20/93	B09NY5	5300.00		4.00 U	
299-E18-4	12/15/93	B09NY6		3.50 L		10000.00 B
299-E18-4	12/15/93	B09NZ0	5100.00		4.00 U	

Well Name	Collection Date	Sample Number	FSODIUM 34/ppb 150/.	SULFATE 124/ppb 89/250000s	TDS 65/ppm 10/500s	TRITIUM 142/pCi/L ./20000
299-E18-1	12/15/93	B09NX5	27000.00 B			
299-E18-1	12/15/93	B09NZ1				376.00
299-E18-1	3/10/94	B0BHM1		110000.00 D	340.00	335.00
299-E18-2	12/20/93	B09NY0	14000.00 B			
299-E18-3	12/20/93	B09NY5	6100.00 B			
299-E18-4	12/15/93	B09NZ0	11000.00 B			

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Table 13-4. Constituents with at Least One Detected Value for the 2101-M Pond Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 3)

Well Name	Collection Date	Sample Number	TURBID 126/NTU .016/.	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	ZINC 34/ppb 4.4/5000s
299-E18-1	12/15/93	B09NX1		15.00 BL		1.80 L
299-E18-1	12/15/93	B09NX5			13.00 BL	
299-E18-1	3/10/94	B0BHM1	14.00 Q	9.70 L		7.60 L
299-E18-2	12/20/93	B09NX6		20.00 L		5.00 U
299-E18-2	12/20/93	B09NY0			16.00 L	
299-E18-3	12/20/93	B09NY1		25.00 L		8.40 L
299-E18-3	12/20/93	B09NY5			26.00 L	
299-E18-4	12/15/93	B09NY6		34.00 B		11.00
299-E18-4	12/15/93	B09NZ0			29.00 BL	

Well Name	Collection Date	Sample Number	FZINC 34/ppb 4.4/5000s
299-E18-1	12/15/93	B09NX5	5.00 U
299-E18-2	12/20/93	B09NY0	5.00 U
299-E18-3	12/20/93	B09NY5	5.00 U
299-E18-4	12/15/93	B09NZ0	5.00 U

For explanation of this table, see Section 1.4 of report.

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Table 13-5. Contamination Indicator Parameters for the 2101-M Pond Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-E18-1	12/15/93	B09NX1	499	500	8.22	7.50	200 U	5.0 U
		B09NX2	500	500	8.22	7.50	200 U	5.0 U
		B09NX3	500	500	8.23	7.50	200 U	5.0 U
		B09NX4	499	500	8.23	7.60	200 U	5.0 U
	3/10/94	B0BHM1	530	500	7.92		400 L	5.0 U
		B0BHM2	539		7.90		400 L	5.0 U
		B0BHM3	529		7.91		500 L	32.3 F
		B0BHM4	528		7.91		400 L	5.0 U
299-E18-2	12/20/93	B09NX6	275	270	7.76	8.00	300 L	17.4
		B09NX7	276	270	7.76	8.00	300 L	5.0 U
		B09NX8	276	270	7.76	8.00	300 L	5.0 U
		B09NX9	275	270	7.77	8.00	300 L	7.8
299-E18-3	12/20/93	B09NY1	254	250	7.10	8.10	400 L	5.0 U
		B09NY2	253	250	7.13	8.10	300 L	5.7
		B09NY3	252	250	7.13	8.10	300 L	5.0 U
		B09NY4	252	250	7.17	8.10	300 L	10.0
299-E18-4	12/29/93	B09PK1	244		8.11			36.6
		B09PK2	244		8.09			18.8
		B09PK3	242		8.09			23.9
		B09PK4	242		8.09			15.7

For explanation of this table, see Section 1.4 of report.

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14-28 Water Quality Standards Exceeded at LLWMA-3 14-78

14-29 Water Quality Standards Exceeded at LLWMA-4 14-79

14-30 Water Quality Standards Exceeded at LLWMA-5 14-80

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14.0 LOW-LEVEL BURIAL GROUNDS

R. B. Mercer
Westinghouse Hanford Company

14.1 INTRODUCTION

The 200 Areas Low-Level Burial Grounds (LLBG) consist of five Low-Level Waste Management Areas (LLWMA). LLWMA-1 and LLWMA-2 are located in the 200 East Area and LLWMA-3, LLWMA-4, and LLWMA-5 are located in the 200 West Area (Figures 14-1 through 14-5). A description of the waste contained in each burial ground is provided in Table 14-1.

The groundwater monitoring program for the LLBG began with the installation of 35 monitoring wells in 1987. Additional wells have been installed in subsequent years. The present monitoring networks are listed in Tables 14-2 through 14-6.

Groundwater quality assessment programs have been completed for LLWMA-1 and LLWMA-3 and assessment reports have been issued (Mercer 1993a, 1993b). Groundwater sampling has returned to semiannual detection level sampling at LLWMA-1. Background values are being re-established for LLWMA-3 because recently installed upgradient wells have significantly changed the monitoring network. Semiannual sampling is being conducted at LLWMA-3 with additional quarterly sampling for CIPs at the upgradient shallow wells only. Semiannual detection-level sampling continues at LLWMA-2, LLWMA-4, and LLWMA-5.

14.2 WATER LEVEL MEASUREMENTS

In addition to measurements taken at the time of sampling, water levels were taken monthly at LLWMA-1 and LLWMA-3 and were measured quarterly at LLWMA-2, LLWMA-4, and LLWMA-5. Water level measurements were changed from a monthly to a quarterly schedule for LLWMA-1 and LLWMA-3 this quarter as these LLWMAs are no longer in assessment level monitoring. Water level measurements are presented in Tables 14-7 through 14-11. Additional water level measurements are reported for some wells if they are monitored for other projects. Suspected errors in the water level measurements occurred at several wells this quarter as indicated in the tables. Water level measurements were not taken at well 299-W6-5 because of an obstructed casing. The casing in well 299-W6-5 was crimped during installation. Although remedial action enlarged the casing to permit the installation of the pump, there is not sufficient space in the well to measure water levels, and additional well remediation may not be possible without damaging the casing. Water levels continue to decline beneath LLWMA-2. Well 299-E34-4 has been dry since it was constructed. Water levels in wells 299-E34-6, 299-E34-7, and 299-E35-1 have fallen to the point that measurements may not be representative.

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14.3 WATER CHEMISTRY DATA

Groundwater samples were collected as scheduled at the LLWMAs. Samples were analyzed for CIPs, interim primary drinking water parameters, water quality parameters, and site-specific parameters. Results of analyses are listed in Tables 14-12 through 14-26. These tables also contain any previously unreported data. A considerable amount of previously reported data was re-reported this quarter primarily because changes in the data qualifier flags. These data are listed by well number in Appendix A.

The replicate averages for the indicator parameters did not exceed the critical means at LLWMA-1 or LLWMA-5. Statistical comparisons were not done for LLWMA-3 because background values are being re-established.

Analytical results flagged with a 'Q' are associated with suspect QC data. Data qualifier and data flags are discussed in more detail in Sections 1.2 and 1.4, respectively. The D flags indicate that the samples were diluted for analysis. RADEs have been issued for several analytical results this quarter because the results did not follow the past trends. These results are flagged with an 'F.' Tables 14-27 through 14-30 list the water quality standards that were exceeded for the data reported this quarter.

An NCR was issued during the construction of well 299-W18-32 because part of a broken casing shoe was left in the screened interval. A P flag had been assigned to the chemistry data for metals from this well. That data for four quarters have been reviewed and no significant difference was found between the metals data for this well and nearby wells. Therefore, the P flag has been removed from the data for well 299-W18-32.

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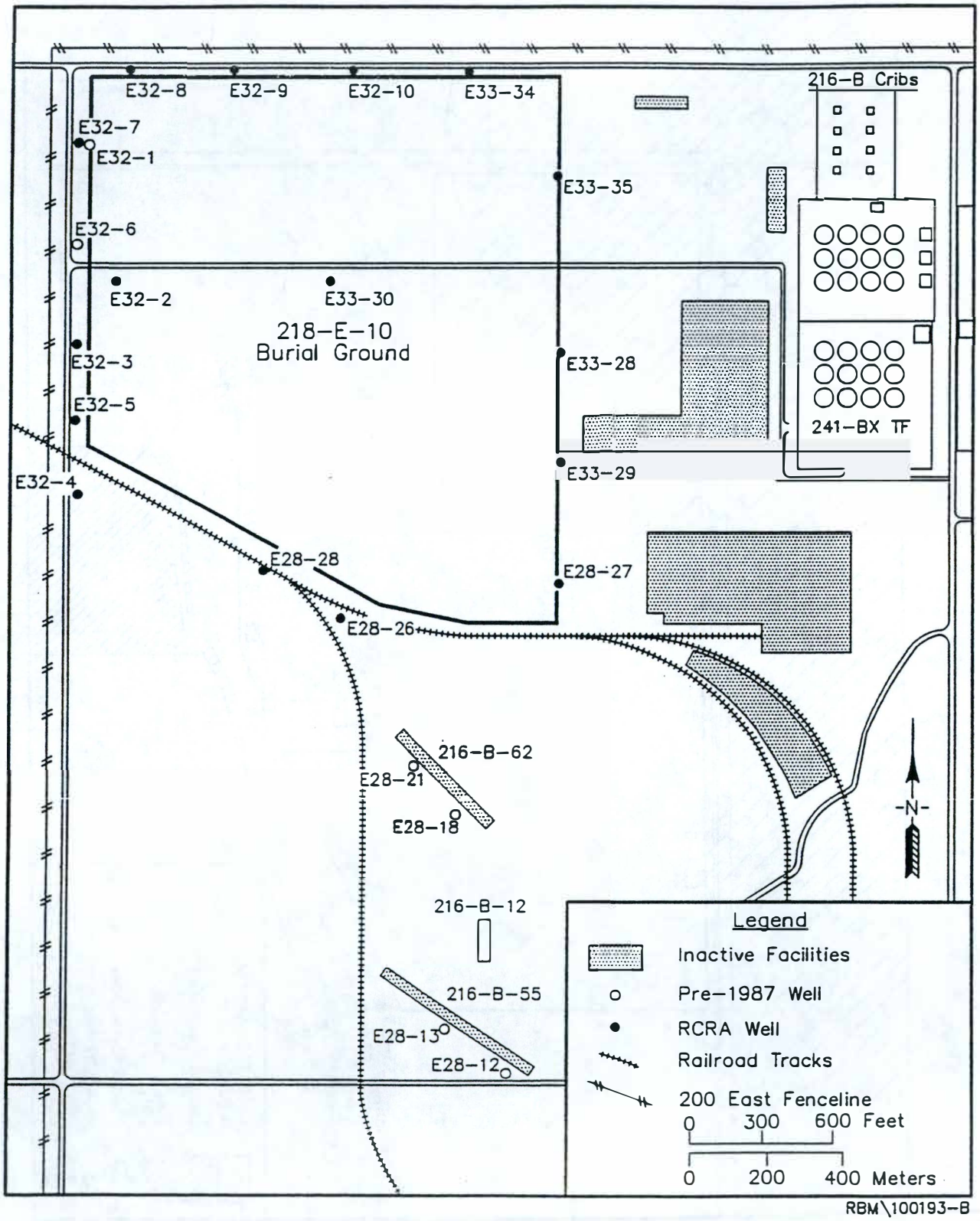
Figure 14-1. Well Location Map for Low-Level Waste Management Area 1.



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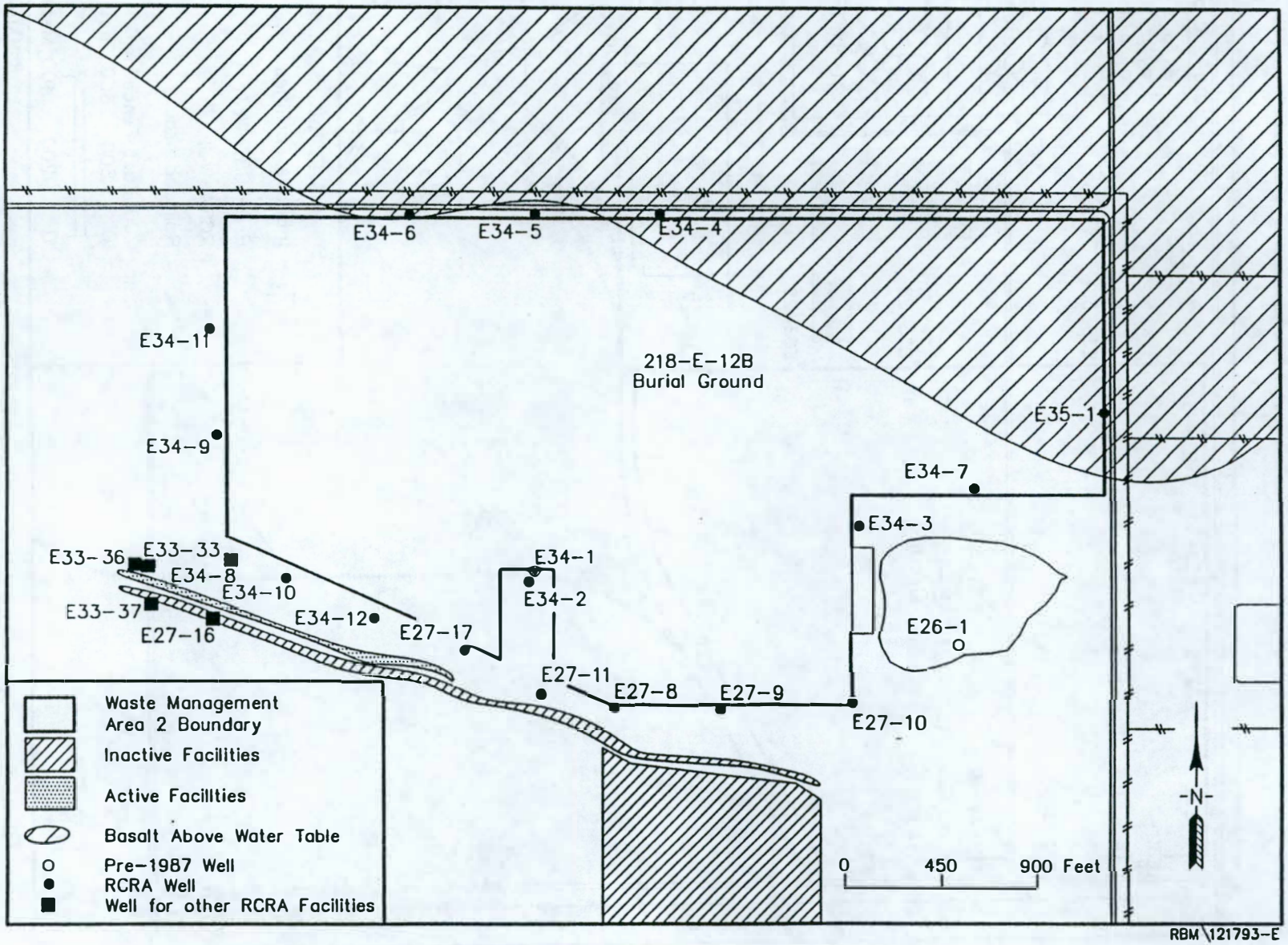


Figure 14-2. Well Location Map for Low-Level Waste Management Area 2.

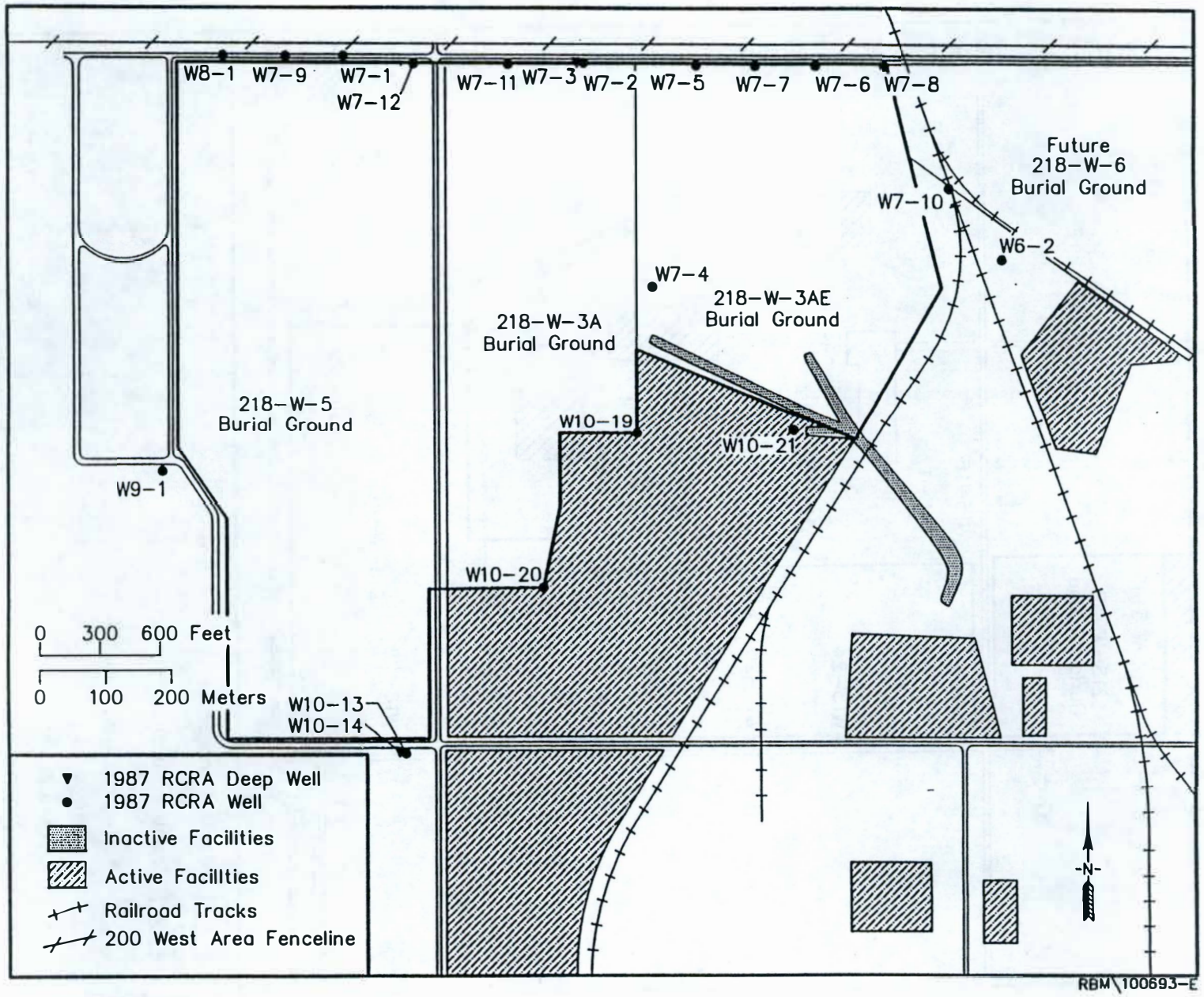
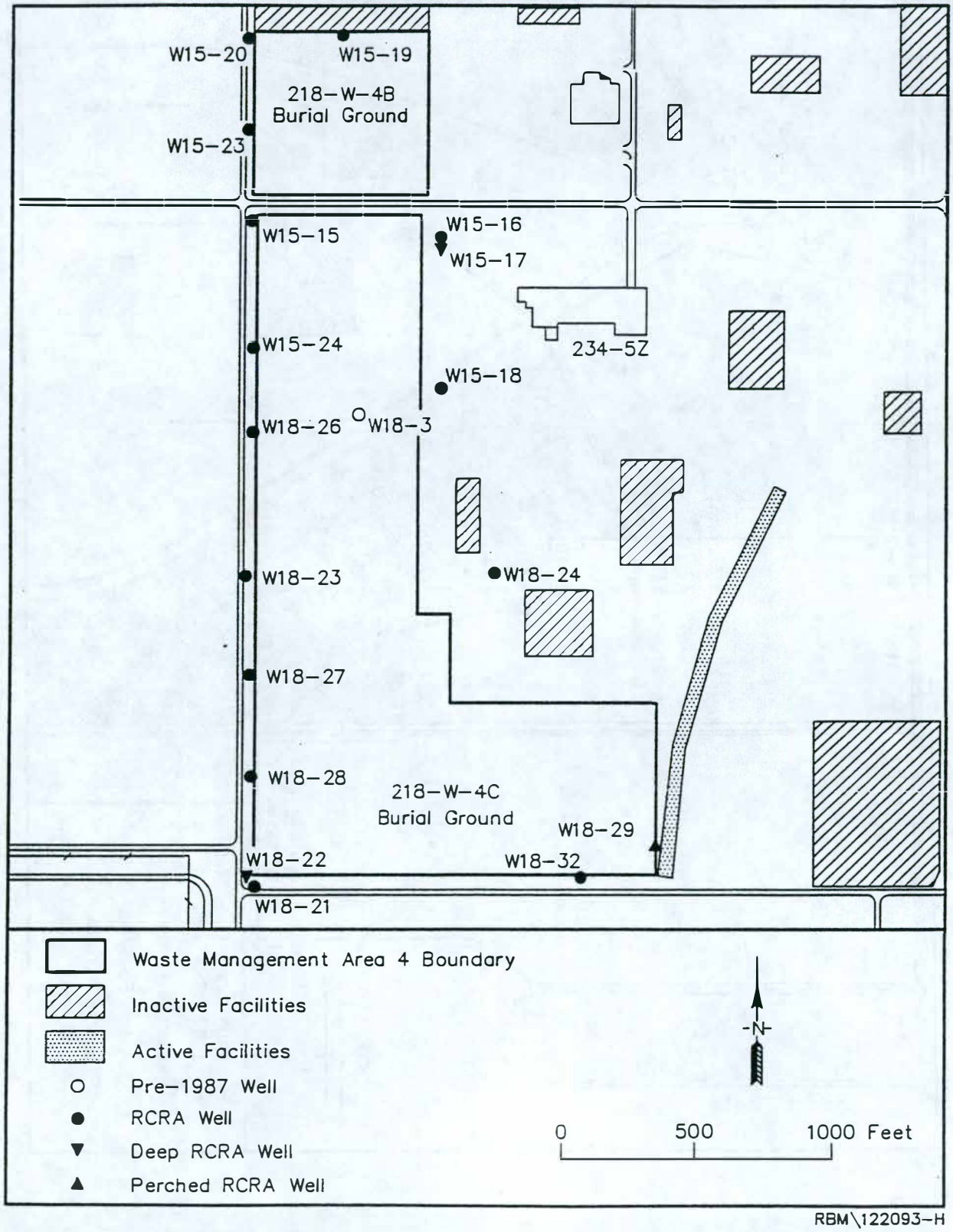


Figure 14-3. Well Location Map for Low-Level Waste Management Area 3.

Figure 14-4. Well Location Map for Low-Level Waste Management Area 4.



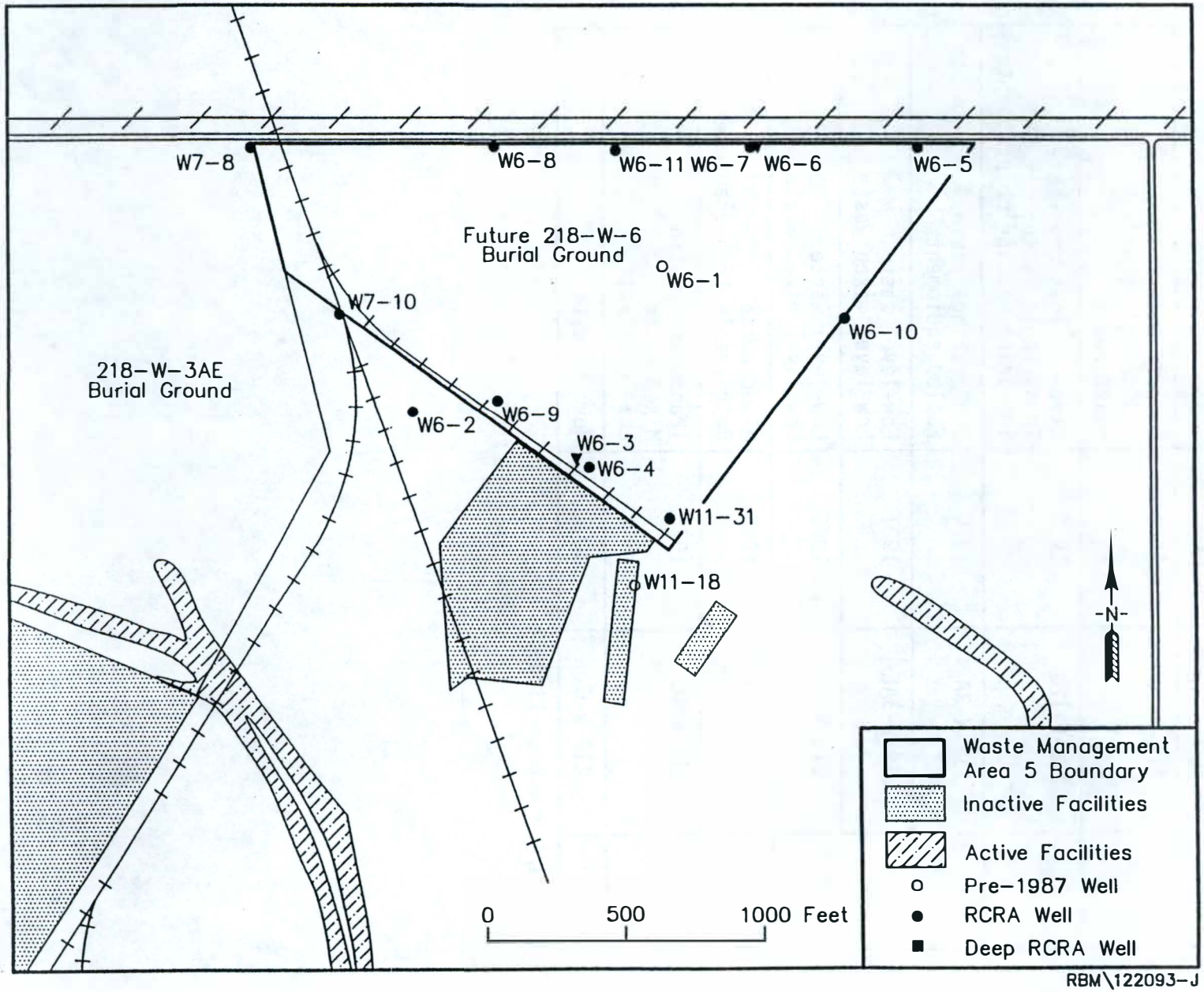


Figure 14-5. Well Location Map for Low-Level Waste Management Area 5.

Table 14-1. Low-Level Burial Grounds.

LLWMA-	Burial Ground	First use	Contents
1	218-E-10	1960	Dragoff material Failed equipment Mixed waste
2	218-E-12B	1968	Miscellaneous dry waste Transuranic waste Submarine reactor compartments
3	218-W-3A	1970	Ion exchange resins Failed equipment
	218-W-3AE	1981	Low-level waste Low-level mixed waste
	218-W-5	1986	Low-level waste Low-level mixed waste
4	218-W-4B	1968	Mixed waste Retrievable transuranic waste
	218-W-4C	1978	Transuranic waste Mixed waste Low-level waste
5	218-W-6	N/A	None to date

N/A = not applicable.

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Table 14-2. Monitoring Well Purpose and Sampling Schedule for LLWMA-1.

Well no. (299-)	Relative position	Hydrologic unit	Sample interval	Sample date, 1st Qtr 1994
E28-26[87]	Upgradient	Hanford/Ringold: Water Table	Semiannually	01/24/94
E28-27[87]	Upgradient	Hanford: Water Table	Semiannually	01/21/94
E28-28[90]	Upgradient	Hanford/Ringold: Water Table	Semiannually	01/19/94
E32-2[87]	Downgradient	Hanford: Water Table	Semiannually	01/26/94
E32-3[87]	Downgradient	Hanford/Ringold: Water Table	Semiannually	01/24/94
E32-4[87]	Upgradient	Hanford/Ringold: Water Table	Semiannually	01/12/94
E32-5[89]	Downgradient	Hanford/Ringold: Water Table	Semiannually	01/24/94
E32-6[91]	Downgradient	Hanford: Water Table	Semiannually	01/24/94
E32-7[91]	Downgradient	Hanford: Water Table	Semiannually	01/24/94
E32-8[91]	Downgradient	Hanford: Water Table	Semiannually	01/24/94
E32-9[91]	Downgradient	Hanford: Water Table	Semiannually	01/24/94
E32-10[92]	Downgradient	Hanford: Water Table	Semiannually	01/24/94
E33-28[87]	Upgradient	Hanford: Water Table	Semiannually	01/20/94
E33-29[87]	Upgradient	Hanford: Water Table	Semiannually	01/20/94
E33-30[87]	Downgradient	Hanford: Water Table	Semiannually	01/24/94
E33-34[90]	Downgradient	Hanford: Water Table	Semiannually	01/26/94
E33-35[90]	Upgradient	Hanford: Water Table	Semiannually	01/21/94

Note: Superscript following well number indicates year of installation.

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Table 14-3. Monitoring Well Purpose and Sampling Schedule for LLWMA-2.

Well no. (299-)	Relative position	Hydrologic unit	Sample interval	Sample date, 1st Qtr 1994
E27-8[87]	Downgradient	Hanford: Water Table	Semiannually	NS
E27-9[87]	Downgradient	Hanford: Water Table	Semiannually	NS
E27-10[87]	Upgradient	Hanford: Water Table	Semiannually	NS
E27-11[89]	Downgradient	Hanford: Water Table	Semiannually	NS
E27-17[91]	Downgradient	Hanford: Water Table	Semiannually	NS
E34-2[87]	Downgradient	Hanford: Water Table	Semiannually	NS
E34-3[87]	Upgradient	Hanford: Water Table	Semiannually	NS
E34-4[87]	Upgradient	Hanford: Water Table	NA	Dry
E34-5[87]	Upgradient	Hanford: Water Table	Semiannually	NS
E34-6[87]	Upgradient	Hanford: Water Table	NA	Dry
E34-7[89]	Upgradient	Hanford: Water Table	Semiannually	NS
E34-9[91]	Downgradient	Hanford: Water Table	Semiannually	NS
E34-10[91]	Downgradient	Hanford: Water Table	Semiannually	NS
E34-11[92]	Downgradient	Hanford: Water Table	Semiannually	NS
E34-12[92]	Downgradient	Hanford: Water Table	Semiannually	NS
E35-1[89]	Upgradient	Hanford: Water Table	NA	Dry

Notes: Superscript following well number indicates year of installation.
NS = not scheduled.

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Table 14-4. Monitoring Well Purpose and Sampling Schedule for LLWMA-3.

Well no. (299-)	Relative position	Hydrologic unit	Sample interval	Sample date, 1st Qtr 1994
W6-2[87m]	Downgradient	Ringold: Water Table	Semiannually	02/07/94
W7-1[87]	Downgradient	Ringold: Water Table	Semiannually	02/22/94
W7-2[87]	Downgradient	Ringold: Water Table	Semiannually	02/22/94
W7-3[87]	Downgradient	Ringold: Deep	Semiannually	02/25/94
W7-4[87]	Downgradient	Ringold: Water Table	Semiannually	02/23/94
W7-5[87]	Downgradient	Ringold: Water Table	Semiannually	02/24/94
W7-6[87]	Downgradient	Ringold: Water Table	Semiannually	02/23/94
W7-7[89]	Downgradient	Ringold: Water Table	Semiannually	02/22/94
W7-8[89]	Downgradient	Ringold: Water Table	Semiannually	02/28/94
W7-9[90]	Downgradient	Ringold: Water Table	Semiannually	02/28/94
W7-10[90m]	Downgradient	Ringold: Water Table	Semiannually	02/08/94
W7-11[91]	Downgradient	Ringold: Water Table	Semiannually	02/23/94
W7-12[91]	Downgradient	Ringold: Water Table	Semiannually	02/23/94
W8-1[87]	Downgradient	Ringold: Water Table	Semiannually	02/23/94
W9-1[87]	Upgradient	Ringold: Water Table	Quarterly[a]	02/18/94
W10-13[87]	Upgradient	Ringold: Water Table	Quarterly[a]	02/18/94
W10-14[87]	Upgradient	Ringold: Deep	Semiannually	02/18/94
W10-19[92]	Upgradient	Ringold: Water Table	Quarterly	02/18/94
W10-20[93]	Upgradient	Ringold: Water Table	Quarterly	02/18/94
W10-21[93]	Upgradient	Ringold: Water Table	Quarterly	02/22/94

Notes: Superscript following well number indicates year of installation. Deep indicates well monitors bottom of the unconfined aquifer.

[a]Semiannual sampling with additional ICP sampling quarterly.

[m]Well monitors multiple LLWMAs.

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Table 14-5. Monitoring Well Purpose and Sampling Schedule for LLWMA-4.

Well no. (299-)	Relative position	Hydrologic unit	Sample interval	Sample date, 1st Qtr 1994
W15-15[87]	Downgradient	Ringold: Water Table	Semiannually	NS
W15-16[87]	Upgradient	Ringold: Water Table	Semiannually	NS
W15-17[87]	Upgradient	Ringold: Deep	Semiannually	NS
W15-18[87]	Upgradient	Ringold: Water Table	Semiannually	NS
W15-19[89]	Downgradient	Ringold: Water Table	Semiannually	NS
W15-20[89]	Downgradient	Ringold: Water Table	Semiannually	NS
W15-23[90]	Downgradient	Ringold: Water Table	Semiannually	NS
W15-24[89]	Downgradient	Ringold: Water Table	Semiannually	NS
W18-21[87]	Downgradient	Ringold: Water Table	Semiannually	NS
W18-22[87]	Downgradient	Ringold: Deep	Semiannually	NS
W18-23[87]	Downgradient	Ringold: Water Table	Semiannually	NS
W18-24[87]	Upgradient	Ringold: Water Table	Semiannually	NS
W18-26[89]	Downgradient	Ringold: Water Table	Semiannually	NS
W18-27[91]	Downgradient	Ringold: Water Table	Semiannually	NS
W18-28[91]	Downgradient	Ringold: Water Table	Semiannually	NS
W18-29[91]	Upgradient	Hanford: Perched	Semiannually	NS[a]
W18-32[92]	Upgradient	Ringold: Water Table	Semiannually	NS

Notes: Superscript following well number indicates year of installation. Deep indicates well monitors bottom of the unconfined aquifer.

[a]Sampled for operational monitoring program 03/11/94.

NS = not scheduled.

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Table 14-6. Monitoring Well Purpose and Sampling Schedule for LLWMA-5.

Well no. (299-)	Relative position	Hydrologic unit	Sample interval	Sample date, 1st Qtr 1994
W6-2[87m]	Upgradient	Ringold: Water Table	Semiannually	02/07/94
W6-3[91]	Upgradient	Ringold: Deep	Semiannually	02/04/94
W6-4[91]	Upgradient	Ringold: Water Table	Semiannually	02/08/94
W6-5[91]	Downgradient	Ringold: Water Table	Semiannually	02/10/94
W6-6[91]	Downgradient	Ringold: Deep	Semiannually	02/09/94
W6-7[91]	Downgradient	Ringold: Water Table	Semiannually	03/22/94
W6-8[91]	Downgradient	Ringold: Water Table	Semiannually	02/14/94
W6-9[92]	Upgradient	Ringold: Water Table	Semiannually	02/07/94
W6-10[92]	Upgradient	Ringold: Water Table	Semiannually	02/08/94
W6-11[92]	Downgradient	Ringold: Water Table	Semiannually	02/10/94
W6-12[92]	Downgradient	Ringold: Water Table	Semiannually	02/08/94
W7-10[90m]	Upgradient	Ringold: Water Table	Semiannually	02/08/94
W11-31[92]	Upgradient	Ringold: Water Table	Semiannually	02/08/94

Notes: Superscript following well number indicates year of installation. Deep indicates well monitors bottom of the unconfined aquifer.

[m]Well monitors multiple LLWMAs.

NS = not scheduled.

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Table 14-7. RCRA Water Level Measurement Report for LLWMA-1, First Quarter 1994. (sheet 1 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
LLWMA-1 Wells Monitoring the Top of the Unconfined Aquifer			
299-E28-26	1/13/94	285.85	401.41
	1/24/94	285.78	401.48*
	2/18/94	285.94	401.32
	3/24/94	285.97	401.29
299-E28-27	1/13/94	279.03	401.34
	1/21/94	278.04	402.33*+
	2/18/94	279.05	401.32
	3/24/94	279.13	401.24
299-E28-28	1/13/94	285.28	401.27
	1/19/94	285.13	401.42*
	2/18/94	285.33	401.22
	3/24/94	285.37	401.18
299-E32-10	1/13/94	236.42	401.46
	1/24/94	236.31	401.57*
	2/18/94	236.39	401.49
	3/24/94	236.48	401.40
299-E32-2	1/13/94	268.88	401.18
	1/26/94	268.85	401.21*
	2/18/94	268.89	401.17
	3/24/94	268.93	401.13
299-E32-3	1/13/94	275.22	401.29
	1/24/94	275.18	401.33*
	2/18/94	275.23	401.28
	3/24/94	275.31	401.20
299-E32-4	1/12/94	284.66	401.22*
	1/13/94	284.68	401.20
	2/18/94	284.84	401.04
	3/24/94	284.81	401.07
299-E32-5	1/13/94	280.87	401.27
	1/24/94	280.79	401.35*
	2/18/94	280.86	401.28
	3/24/94	280.93	401.21

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Table 14-7. RCRA Water Level Measurement Report for LLWMA-1, First Quarter 1994. (sheet 2 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
LLWMA-1 Wells Monitoring the Top of the Unconfined Aquifer			
299-E32-6	1/24/94	265.88	401.57*
	3/03/94	265.96	401.49
299-E32-7	1/13/94	256.92	401.50
	1/24/94	256.91	401.51*
	2/18/94	256.91	401.51
	3/24/94	256.98	401.44
299-E32-8	1/13/94	244.17	401.42
	1/24/94	244.31	401.28*
	2/18/94	244.16	401.43
	3/24/94	244.23	401.36
299-E32-9	1/13/94	241.84	401.49
	1/24/94	240.98	402.35*+
	2/18/94	241.84	401.49
	3/24/94	241.91	401.42
299-E33-28	1/13/94	262.84	401.39
	1/20/94	262.81	401.42*
	2/18/94	262.83	401.40
	3/24/94	262.91	401.32
299-E33-29	1/13/94	272.39	401.38
	1/20/94	272.00	401.77*
	2/18/94	272.41	401.36
	3/24/94	272.48	401.29
299-E33-30	1/13/94	262.32	401.38
	1/24/94	262.71	400.99*
	2/18/94	262.34	401.36
	3/24/94	262.41	401.29
299-E33-34	1/13/94	232.06	401.27
	1/26/94	230.27	403.06*+
	2/18/94	232.04	401.29
	3/24/94	232.11	401.22

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Table 14-7. RCRA Water Level Measurement Report for LLWMA-1, First Quarter 1994. (sheet 3 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
LLWMA-1 Wells Monitoring the Top of the Unconfined Aquifer			
299-E33-35	1/13/94	241.66	401.35
	1/21/94	239.72	403.29*+
	2/18/94	241.81	401.20
	3/24/94	241.84	401.17

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. Elevations marked with a '+' are outside of the expected range, and are suspected of error.
5. To convert from feet to meters multiply by 0.3048.

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Table 14-8. RCRA Water Level Measurement Report for LLWMA-2, First Quarter 1994.

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
LLWMA-2 Wells Monitoring the Top of the Unconfined Aquifer			
299-E27-10	3/03/94	222.72	401.75
299-E27-11	3/03/94	241.96	401.33
299-E27-17	3/03/94	233.02	401.70
299-E27-8	3/03/94	236.35	401.48
299-E27-9	3/03/94	227.67	401.54
299-E34-10	3/03/94	238.09	401.68
299-E34-11	3/03/94	216.29	401.64
299-E34-12	3/03/94	237.38	401.45
299-E34-2	3/28/94	229.37	401.43
299-E34-3	3/03/94	209.75	401.77
299-E34-5	3/28/94	188.13	402.66
299-E34-9	3/03/94	227.09	401.60

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. To convert from feet to meters multiply by 0.3048.

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Table 14-9. RCRA Water Level Measurement Report for LLWMA-3, First Quarter 1994. (sheet 1 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
LLWMA-3 Wells Monitoring the Top of the Unconfined Aquifer			
299-W10-13	1/13/94	237.54	461.50
	2/18/94	237.29	461.75
	3/24/94	237.72	461.32
299-W10-19	1/13/94	222.86	460.13
	2/18/94	222.89	460.10
	2/18/94	222.77	460.22*
	3/24/94	223.11	459.88
299-W6-2	1/13/94	235.36	457.09
	2/18/94	235.25	457.20
	3/24/94	235.59	456.86
299-W7-1	1/13/94	232.91	457.80
	2/18/94	232.75	457.96
	3/24/94	233.11	457.60
299-W7-10	1/13/94	233.26	456.40
	2/08/94	234.90	454.76*+
	2/18/94	233.08	456.58
	3/24/94	233.44	456.22
299-W7-11	1/13/94	223.95	457.50
	2/18/94	223.86	457.59
	3/24/94	224.18	457.27
299-W7-12	1/13/94	230.15	457.78
	2/18/94	230.00	457.93
	3/24/94	230.38	457.55
299-W7-2	1/13/94	218.90	456.69
	2/18/94	219.18	456.41
	3/24/94	219.13	456.46
299-W7-4	1/13/94	213.14	458.55
	2/18/94	213.23	458.46
	3/24/94	213.41	458.28

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Table 14-9. RCRA Water Level Measurement Report for LLWMA-3, First Quarter 1994. (sheet 2 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
LLWMA-3 Wells Monitoring the Top of the Unconfined Aquifer			
299-W7-5	1/13/94	216.85	456.20
	2/18/94	216.73	456.32
	3/24/94	217.07	455.98
299-W7-6	1/13/94	222.55	456.09
	2/18/94	222.44	456.20
	3/24/94	222.81	455.83
299-W7-7	1/13/94	218.68	456.26
	2/18/94	218.56	456.38
	3/24/94	218.91	456.03
299-W7-8	1/13/94	232.47	454.88
	2/18/94	232.40	454.95
	2/28/94	232.99	454.36*
	3/24/94	232.89	454.46
299-W7-9	1/13/94	233.87	458.22
	2/18/94	233.64	458.45
	2/28/94	233.98	458.11*
	3/24/94	234.04	458.05
299-W8-1	1/13/94	243.10	458.23
	2/18/94	242.79	458.54
	3/24/94	243.29	458.04
299-W9-1	1/13/94	277.14	460.59
	2/18/94	277.03	460.70
	3/24/94	277.33	460.40
LLWMA-3 Wells Monitoring the Bottom of the Unconfined Aquifer			
299-W10-14	1/13/94	238.29	461.14
	2/18/94	238.07	461.36
	3/24/94	238.48	460.95
299-W7-3	1/13/94	220.51	455.63
	2/18/94	220.32	455.82
	3/24/94	220.76	455.38

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Table 14-9. RCRA Water Level Measurement Report for LLWMA-3, First Quarter 1994. (sheet 3 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
LLWMA-3 Wells Monitoring the Top of the Unconfined Aquifer			
299-W10-20	1/13/94	226.73	461.02
	2/18/94	226.70	461.05
	2/18/94	226.00	461.75*+
	3/24/94	227.03	460.72
299-W10-21	1/13/94	215.09	458.97
	2/18/94	215.20	458.86
	3/24/94	215.38	458.68

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. Elevations marked with a '+' are outside of the expected range, and are suspected of error.
5. To convert from feet to meters multiply by 0.3048.

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Table 14-10. RCRA Water Level Measurement Report for LLWMA-4, First Quarter 1994. (sheet 1 of 2)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
LLWMA-4 Wells Monitoring the Top of the Unconfined Aquifer			
299-W15-15	3/03/94	235.00	462.96
299-W15-16	3/03/94	221.28	463.61
299-W15-18	3/03/94	222.10	463.61
299-W15-19	3/03/94	228.65	462.95
299-W15-20	3/03/94	235.58	462.78
299-W15-23	3/03/94	236.58	462.91
299-W15-24	3/03/94	236.37	463.00
299-W18-21	3/03/94	205.61	463.01
299-W18-23	3/03/94	233.79	463.02
299-W18-24	3/03/94	220.61	463.74
299-W18-26	3/03/94	236.05	463.00
299-W18-27	3/03/94	227.19	463.06
299-W18-28	3/03/94	216.73	463.26
299-W18-32	3/03/94	212.55	464.10
LLWMA-4 Wells Monitoring the Bottom of the Unconfined Aquifer			
299-W15-17	3/03/94	221.32	463.32
299-W18-22	3/03/94	206.02	462.47

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Table 14-10. RCRA Water Level Measurement Report for LLWMA-4, First Quarter 1994. (sheet 2 of 2)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
LLWMA-4 Wells Monitoring the Perched Zone			
299-W18-29	3/03/94	128.56	545.58
	3/11/94	229.20	444.94*+

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. Elevations marked with a '+' are outside of the expected range, and are suspected of error.
5. To convert from feet to meters multiply by 0.3048.

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Table 14-11. RCRA Water Level Measurement Report for LLWMA-5, First Quarter 1994. (sheet 1 of 2)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
LLWMA-5 Wells Monitoring the Top of the Unconfined Aquifer			
299-W6-9	2/07/94	236.55	459.45*+
	3/03/94	239.03	457.07
299-W6-10	2/08/94	258.27	454.21*
	3/03/94	258.22	454.26
299-W6-11	2/10/94	248.25	454.61*
	3/03/94	248.49	454.37
299-W6-12	2/08/94	235.05	457.46*+
	3/03/94	237.08	455.43
299-W6-2	1/13/94	235.36	457.09
	2/18/94	235.25	457.20
	3/24/94	235.59	456.86
299-W6-4	2/08/94	244.15	457.10*
	3/03/94	244.16	457.09
299-W6-7	3/03/94	256.74	453.54
	3/22/94	256.62	453.66*
299-W7-10	1/13/94	233.26	456.40
	2/08/94	234.90	454.76*+
	2/18/94	233.08	456.58
	3/24/94	233.44	456.22
299-W11-31	1/26/94	249.84	457.02
	2/08/94	249.76	457.10*
	3/28/94	249.92	456.94
LLWMA-5 Wells Monitoring the Bottom of the Unconfined Aquifer			
299-W6-3	2/04/94	243.33	456.50*
	3/03/94	243.37	456.46

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Table 14-11. RCRA Water Level Measurement Report for LLWMA-5, First Quarter 1994. (sheet 2 of 2)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
LLWMA-5 Wells Monitoring the Bottom of the Unconfined Aquifer			
299-W6-6	2/09/94	256.19	453.81*
	3/03/94	256.51	453.49

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. Elevations marked with a '+' are outside of the expected range, and are suspected of error.
5. To convert from feet to meters multiply by 0.3048.

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Table 14-12. Constituent List and Summary of Results for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 3)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			20	20	
CONDUCT	73	Conductivity, lab	µmho				4	4	
TOC		Total Organic Carbon	ppb	320			21	8	
TOX		Total Organic Halogen	ppb	5			16	6	
PH		pH, field	pH	.01	6.5-8.5	EPAS	20	20	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
2,4,5TP		2,4,5-TP	ppb	.015	50	EPA	18	0	0
2,4-D		2,4-D	ppb	.052	100	EPAI	18	0	0
ARSENIC		Arsenic	ppb	.64	50	EPA	18	18	0
FARSENIC		Arsenic, filtered	ppb	.64	50	EPA	18	18	0
BARIUM		Barium	ppb	1.3	1000	EPAI	18	18	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	18	18	0
CADMIUM		Cadmium	ppb	3	10	EPAI	18	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	18	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	18	18	16
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	18	1	0
ENDRIN		Endrin	ppb	.0042	.2	EPA	18	0	0
FLUORID		Fluoride	ppb	51	1400	EPAI	18	18	0
ALPHA		Gross alpha	pCi/L		15	EPA	18	17	4
MERCURY		Mercury	ppb	.095	2	EPA	18	0	0
FMERCUR		Mercury, filtered	ppb	.095	2	EPA	18	0	0
METHLOR		Methoxychlor	ppb	.022	100	EPAI	18	0	0
NITRATE		Nitrate	ppb	96	45000	EPA	18	18	1
RADIUM		Radium	pCi/L		5	EPAI	18	4	0
SELENUM		Selenium	ppb	1.4	10	EPAI	18	7	0
FSELENI		Selenium, filtered	ppb	1.4	10	EPAI	18	8	0
TOXAENE		Toxaphene	ppb	.7	5	EPAI	18	0	0
g-BHC		gamma-BHC (Lindane)	ppb	.0015	4	EPAI	18	0	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	18	18	0
IRON		Iron	ppb	18	300	EPAS	18	18	16
FIRON		Iron, filtered	ppb	18	300	EPAS	18	18	0
MANGESE		Manganese	ppb	1	50	EPAS	18	18	0
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	18	12	0
LPHENOL		Phenol	ppb	.57			18	0	
SODIUM		Sodium	ppb	150			18	18	
FSODIUM		Sodium, filtered	ppb	150			18	18	
SULFATE		Sulfate	ppb	89	250000	EPAS	18	18	0

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Table 14-12. Constituent List and Summary of Results for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 3)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
2,4,5-T		2,4,5-T	ppb	.018			18	0	
246-trp		2,4,6-Trichlorophenol	ppb	1.6			18	0	
24-dchp		2,4-Dichlorophenol	ppb	1.5			18	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			18	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			18	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			18	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			18	0	
2NITPH		2-Nitrophenol	ppb	1.7			18	0	
BUTDINP	30	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			18	0	
BUTDINP	49	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	.24			18	0	
DDD		4,4'-DDD	ppb	.0039			18	0	
DDE		4,4'-DDE	ppb	.0015			18	1	
DDT		4,4'-DDT	ppb	.0012			18	0	
46DN2MP		4,6-Dinitro-2-methylphenol	ppb	1.6			18	0	
CHLCRES		4-Chloro-3-methylphenol	ppb	1.5			18	0	
NITPHEN		4-Nitrophenol	ppb	1.4			18	0	
ALDRIN		Aldrin	ppb	.0018			18	0	
a-BHC		Alpha-BHC	ppb	.003			18	0	
ALUMNUM		Aluminum	ppb	19			18	3	
FALUMIN		Aluminum, filtered	ppb	19			18	0	
AMMONIU		Ammonium ion	ppb	38.5			18	3	
ANTIONY		Antimony	ppb	26			18	0	
FANTIMO		Antimony, filtered	ppb	26			18	0	
BERYLUM		Beryllium	ppb	1.5			18	0	
FBERYLL		Beryllium, filtered	ppb	1.5			18	0	
b-BHC		Beta-BHC	ppb	.0013			18	0	
BROMIDE		Bromide	ppb	110			18	0	
CALCIUM		Calcium	ppb	47			18	18	
FCALCIU		Calcium, filtered	ppb	47			18	18	
CHLOANE		Chlordane	ppb	.042	2	EPA	18	0	0
COBALT		Cobalt	ppb	6.5			18	0	
FCOBALT		Cobalt, filtered	ppb	6.5			18	0	
COLIFORM		Coliforms	COL	1	1	EPAI	18	0	0
COPPER		Copper	ppb	2.6	1000	EPAS	18	12	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	18	5	0
CRESOLS		Cresols (methylphenols)	ppb	4.8			18	0	
d-BHC		Delta-BHC	ppb	.0018			18	0	
DIELRIN		Dieldrin	ppb	.0021			18	0	
ENDO1		Endosulfan I	ppb	.0018			18	0	
ENDO2		Endosulfan II	ppb	.0012			18	0	
ENDSFAN		Endosulfan sulfate	ppb	.0018			18	0	
ENDRALD		Endrin Aldehyde	ppb	.0039			18	0	
BETA		Gross beta	pCi/L				18	18	
HEPTLOR		Heptachlor	ppb	.0015	.4	EPA	18	0	0
HEPTIDE		Heptachlor epoxide	ppb	.0012	.2	EPA	18	0	0
LHYDRAZ		Hydrazine	ppb	2.3			1	0	
LEAD		Lead	ppb	.86	50	EPAI	18	9	0
FLEAD		Lead, filtered	ppb	.86	50	EPAI	18	5	0
MAGNES		Magnesium	ppb	25			18	18	
FMAGNES		Magnesium, filtered	ppb	25			18	18	
NICKEL		Nickel	ppb	16			18	17	
FNICKEL		Nickel, filtered	ppb	16			18	0	

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Table 14-12. Constituent List and Summary of Results for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 3)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
NITRITE		Nitrite	ppb	110	1000	EPA	18	0	0
PENTCHP		Pentachlorophenol	ppb	1.7	1	EPA	18	0	1*
PHOSPHA		Phosphate	ppb	470			18	0	
POTASUM		Potassium	ppb	890			18	18	
FPOTASS		Potassium, filtered	ppb	890			18	18	
SILVER		Silver	ppb	3.4	50	EPAI	18	0	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	18	0	0
TETPHNL		Tetrachlorophenols	ppb	1.4			18	0	
TIN		Tin	ppb	24			18	0	
FTIN		Tin, filtered	ppb	24			18	0	
TDS		Total Dissolved Solids	ppm	10	500	EPAS	1	1	0
TRIPHNL		Trichlorophenols	ppb	2.1			18	0	
TRITIUM		Tritium	pCi/L		20000	EPA	18	18	5
TURBID		Turbidity	NTU	.016			18	18	
URANIUM		Uranium	ppb				18	18	
VANADUM		Vanadium	ppb	6.4			18	18	
FVANADI		Vanadium, filtered	ppb	6.4			18	18	
ZINC		Zinc	ppb	4.4	5000	EPAS	18	3	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	18	1	0

For explanation of this table, see Section 1.4 of report.

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Table 14-13. Constituents with at Least One Detected Value for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 9)

Well Name	Collection Date	Sample Number	DDE 17/ppb .0015/.	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	AMMONIU 129/ppb 38.5/.
299-E28-26	1/24/94	B09QH9	.00 U	55.00 L		38.50 U
299-E28-26	1/24/94	B09QJ0			32.50 U	
299-E28-27	1/21/94	B09QJ1	.00 U	32.50 U		38.50 U
299-E28-27	1/21/94	B09QJ2			32.50 U	
299-E28-28	1/19/94	B09QJ3	.00 U	32.50 U		38.50 U
299-E28-28	1/19/94	B09QJ4			32.50 U	
299-E32-10	1/24/94	B09QJ5	.00 U	100.00 L		60.00 L
299-E32-10	1/24/94	B09QJ6			32.50 U	
299-E32-2	1/26/94	B09QJ7	.00 U	32.50 U		38.50 UQ
299-E32-2	1/26/94	B09QJ8			32.50 U	
299-E32-3	1/24/94	B09QJ9	.00 U	32.50 U		38.50 U
299-E32-3	1/24/94	B09QK0			32.50 U	
299-E32-4	1/12/94	B09QM3	.01 U	40.00 U		38.50 UQ
299-E32-4	1/12/94	B09QM4			40.00 U	
299-E32-5	1/24/94	B09QK1	.00 U	65.00 L		38.50 U
299-E32-5	1/24/94	B09QK2			32.50 U	
299-E32-6	1/24/94	B09QK3	.00 U	32.50 U		70.00 L
299-E32-6	1/24/94	B09QK4			32.50 U	
299-E32-7	1/24/94	B09QK5	.00 U	32.50 U		70.00 L
299-E32-7	1/24/94	B09QK6			32.50 U	
299-E32-8	1/24/94	B09QK7	.00 U	32.50 U		38.50 U
299-E32-8	1/24/94	B09QK8			32.50 U	
299-E32-9	1/24/94	B09QK9	.00 U	32.50 U		38.50 U
299-E32-9	1/24/94	B09QL0			32.50 U	
299-E33-28	1/20/94	B09QL1	.00 U	32.50 U		38.50 U
299-E33-28	1/20/94	B09QL2	.00 U	32.50 U		38.50 U
299-E33-28	1/20/94	B09QL3			32.50 U	
299-E33-28	1/20/94	B09QL4			32.50 U	
299-E33-29	1/20/94	B09QL5	.00 U	32.50 U		38.50 U
299-E33-29	1/20/94	B09QL6			32.50 U	
299-E33-30	1/24/94	B09QL7	.00 U	32.50 U		38.50 U
299-E33-30	1/24/94	B09QL8			32.50 U	
299-E33-34	1/26/94	B09QL9	.00 U	32.50 U		38.50 UQ
299-E33-34	1/26/94	B09QM0			32.50 U	
299-E33-35	1/21/94	B09QM1	.00 L	32.50 U		38.50 U
299-E33-35	1/21/94	B09QM2			32.50 U	

Well Name	Collection Date	Sample Number	ARSENIC 43/ppb .64/50	FARSENIC 43/ppb .64/50	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i
299-E28-26	1/24/94	B09QH9	4.30 L		32.00	
299-E28-26	1/24/94	B09QJ0		4.20 L		31.00
299-E28-27	1/21/94	B09QJ1	5.90		50.00	
299-E28-27	1/21/94	B09QJ2		6.00		50.00
299-E28-28	1/19/94	B09QJ3	3.70 L		50.00	
299-E28-28	1/19/94	B09QJ4		4.00 L		50.00
299-E32-10	1/24/94	B09QJ5	8.90		26.00	
299-E32-10	1/24/94	B09QJ6		9.10		25.00
299-E32-2	1/26/94	B09QJ7	4.60 L		43.00	
299-E32-2	1/26/94	B09QJ8		4.70 L		44.00
299-E32-3	1/24/94	B09QJ9	4.90 L		57.00	
299-E32-3	1/24/94	B09QK0		5.20		57.00
299-E32-4	1/12/94	B09QM3	3.90 L		71.00	
299-E32-4	1/12/94	B09QM4		3.10 L		71.00

Table 14-13. Constituents with at Least One Detected Value for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 9)

Well Name	Collection Date	Sample Number	ARSENIC 43/ppb .64/50	FARSENIC 43/ppb .64/50	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i
299-E32-5	1/24/94	B09QK1	5.10		56.00	
299-E32-5	1/24/94	B09QK2		4.20 L		54.00
299-E32-6	1/24/94	B09QK3	6.20		38.00	
299-E32-6	1/24/94	B09QK4		6.30		38.00
299-E32-7	1/24/94	B09QK5	7.60		33.00	
299-E32-7	1/24/94	B09QK6		7.00		33.00
299-E32-8	1/24/94	B09QK7	8.40		27.00	
299-E32-8	1/24/94	B09QK8		8.10		27.00
299-E32-9	1/24/94	B09QK9	8.30		21.00	
299-E32-9	1/24/94	B09QL0		8.30		21.00
299-E33-28	1/20/94	B09QL1	7.80		38.00	
299-E33-28	1/20/94	B09QL2	7.30		37.00	
299-E33-28	1/20/94	B09QL3		8.10		37.00
299-E33-28	1/20/94	B09QL4		7.20		38.00
299-E33-29	1/20/94	B09QL5	6.70		38.00	
299-E33-29	1/20/94	B09QL6		6.70		37.00
299-E33-30	1/24/94	B09QL7	8.40		26.00	
299-E33-30	1/24/94	B09QL8		8.20		26.00
299-E33-34	1/26/94	B09QL9	8.00		30.00	
299-E33-34	1/26/94	B09QM0		8.10		30.00
299-E33-35	1/21/94	B09QM1	7.60		38.00	
299-E33-35	1/21/94	B09QM2		8.20		37.00

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	CHLORID 124/ppb 71/250000s	CHROMUM 34/ppb 11/50i
299-E28-26	1/24/94	B09QH9	44000.00 B		6300.00	180.00
299-E28-26	1/24/94	B09QJ0		45000.00 B		
299-E28-27	1/21/94	B09QJ1	34000.00 B		12000.00 D	210.00
299-E28-27	1/21/94	B09QJ2		34000.00 B		
299-E28-28	1/19/94	B09QJ3	48000.00		6700.00	110.00
299-E28-28	1/19/94	B09QJ4		48000.00		
299-E32-10	1/24/94	B09QJ5	32000.00 B		9000.00	21.00
299-E32-10	1/24/94	B09QJ6		32000.00 B		
299-E32-2	1/26/94	B09QJ7	40000.00		9800.00	76.00
299-E32-2	1/26/94	B09QJ8		40000.00		
299-E32-3	1/24/94	B09QJ9	53000.00 B		9600.00	120.00
299-E32-3	1/24/94	B09QK0		53000.00 B		
299-E32-4	1/12/94	B09QM3	41000.00 B		9100.00	150.00
299-E32-4	1/12/94	B09QM4		41000.00 B		
299-E32-5	1/24/94	B09QK1	57000.00 B		10000.00 D	140.00
299-E32-5	1/24/94	B09QK2		56000.00 B		
299-E32-6	1/24/94	B09QK3	36000.00 B		12000.00 D	100.00
299-E32-6	1/24/94	B09QK4		35000.00 B		
299-E32-7	1/24/94	B09QK5	29000.00 B		15000.00 D	130.00
299-E32-7	1/24/94	B09QK6		29000.00 B		
299-E32-8	1/24/94	B09QK7	30000.00 B		15000.00 D	45.00
299-E32-8	1/24/94	B09QK8		29000.00 B		
299-E32-9	1/24/94	B09QK9	30000.00 B		15000.00 D	87.00
299-E32-9	1/24/94	B09QL0		30000.00 B		
299-E33-28	1/20/94	B09QL1	30000.00 B		15000.00 D	140.00
299-E33-28	1/20/94	B09QL2	30000.00 B		16000.00 D	140.00
299-E33-28	1/20/94	B09QL3		30000.00 B		
299-E33-28	1/20/94	B09QL4		30000.00 B		

9981 0823 1 4/0

Table 14-13. Constituents with at Least One Detected Value for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 9)

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	CHLORID 124/ppb 71/250000s	CHROMUM 34/ppb 11/50i
299-E33-29	1/20/94	B09QL5	29000.00 B		16000.00 D	190.00
299-E33-29	1/20/94	B09QL6		29000.00 B		
299-E33-30	1/24/94	B09QL7	29000.00 B		16000.00 D	110.00
299-E33-30	1/24/94	B09QL8		29000.00 B		
299-E33-34	1/26/94	B09QL9	39000.00		6900.00	75.00
299-E33-34	1/26/94	B09QM0		39000.00		
299-E33-35	1/21/94	B09QM1	32000.00 B		5800.00	110.00
299-E33-35	1/21/94	B09QM2		32000.00 B		

Well Name	Collection Date	Sample Number	FCHROMI 34/ppb 11/50i	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i
299-E28-26	1/24/94	B09QH9		7.00 L		700.00
299-E28-26	1/24/94	B09QJ0	5.42 U		2.65 U	
299-E28-27	1/21/94	B09QJ1		2.65 U		800.00
299-E28-27	1/21/94	B09QJ2	17.00 L		2.65 U	
299-E28-28	1/19/94	B09QJ3		2.65 U		600.00
299-E28-28	1/19/94	B09QJ4	5.42 U		2.65 U	
299-E32-10	1/24/94	B09QJ5		6.40 L		600.00
299-E32-10	1/24/94	B09QJ6	5.42 U		4.10 L	
299-E32-2	1/26/94	B09QJ7		2.65 U		800.00
299-E32-2	1/26/94	B09QJ8	10.00 L		2.65 U	
299-E32-3	1/24/94	B09QJ9		5.30 L		800.00
299-E32-3	1/24/94	B09QK0	9.90 L		2.65 U	
299-E32-4	1/12/94	B09QM3		4.40 L		900.00
299-E32-4	1/12/94	B09QM4	6.00 U		6.00 U	
299-E32-5	1/24/94	B09QK1		15.00 L		900.00
299-E32-5	1/24/94	B09QK2	5.42 U		4.10 L	
299-E32-6	1/24/94	B09QK3		7.00 L		800.00
299-E32-6	1/24/94	B09QK4	5.42 U		4.10 L	
299-E32-7	1/24/94	B09QK5		7.00 L		800.00
299-E32-7	1/24/94	B09QK6	5.42 U		2.65 U	
299-E32-8	1/24/94	B09QK7		5.30 L		700.00
299-E32-8	1/24/94	B09QK8	5.42 U		6.40 L	
299-E32-9	1/24/94	B09QK9		9.30 L		700.00
299-E32-9	1/24/94	B09QL0	5.42 U		5.80 L	
299-E33-28	1/20/94	B09QL1		2.65 U		700.00
299-E33-28	1/20/94	B09QL2		2.65 U		700.00
299-E33-28	1/20/94	B09QL3	7.60 LQ		2.65 U	
299-E33-28	1/20/94	B09QL4	5.42 UQ		2.65 U	
299-E33-29	1/20/94	B09QL5		2.65 U		700.00
299-E33-29	1/20/94	B09QL6	5.42 U		2.65 U	
299-E33-30	1/24/94	B09QL7		5.80 L		800.00
299-E33-30	1/24/94	B09QL8	5.42 U		2.65 U	
299-E33-34	1/26/94	B09QL9		6.60 L		700.00
299-E33-34	1/26/94	B09QM0	8.50 L		2.65 U	
299-E33-35	1/21/94	B09QM1		8.50 L		700.00
299-E33-35	1/21/94	B09QM2	7.60 L		2.65 U	

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Table 14-13. Constituents with at Least One Detected Value for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 9)

Well Name	Collection Date	Sample Number	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s
299-E28-26	1/24/94	B09QH9	15.10	7.34	800.00 B	
299-E28-26	1/24/94	B09QJ0				46.00 B
299-E28-27	1/21/94	B09QJ1	4.10	14.00	840.00 B	
299-E28-27	1/21/94	B09QJ2				63.00 B
299-E28-28	1/19/94	B09QJ3	21.30	8.81	470.00	
299-E28-28	1/19/94	B09QJ4				25.00
299-E32-10	1/24/94	B09QJ5	1.70	27.10	350.00 B	
299-E32-10	1/24/94	B09QJ6				20.00 LB
299-E32-2	1/26/94	B09QJ7	11.00	10.40	330.00 B	
299-E32-2	1/26/94	B09QJ8				41.00 B
299-E32-3	1/24/94	B09QJ9	15.80	10.80	540.00 B	
299-E32-3	1/24/94	B09QK0				70.00 B
299-E32-4	1/12/94	B09QM3	3.45	11.10	730.00	
299-E32-4	1/12/94	B09QM4				45.00
299-E32-5	1/24/94	B09QK1	16.30	11.10	610.00 B	
299-E32-5	1/24/94	B09QK2				35.00 B
299-E32-6	1/24/94	B09QK3	7.22	10.90	430.00 B	
299-E32-6	1/24/94	B09QK4				38.00 B
299-E32-7	1/24/94	B09QK5	4.33	13.90	640.00 B	
299-E32-7	1/24/94	B09QK6				39.00 B
299-E32-8	1/24/94	B09QK7	1.75	17.10	300.00 B	
299-E32-8	1/24/94	B09QK8				33.00 B
299-E32-9	1/24/94	B09QK9	2.32	13.30	370.00 B	
299-E32-9	1/24/94	B09QL0				29.00 B
299-E33-28	1/20/94	B09QL1	2.69 Q	19.40	600.00 B	
299-E33-28	1/20/94	B09QL2	.86 UQ	15.40	610.00 B	
299-E33-28	1/20/94	B09QL3				33.00 B
299-E33-28	1/20/94	B09QL4				30.00 B
299-E33-29	1/20/94	B09QL5	1.56	15.80	810.00 B	
299-E33-29	1/20/94	B09QL6				35.00 B
299-E33-30	1/24/94	B09QL7	2.29	14.90	490.00 B	
299-E33-30	1/24/94	B09QL8				39.00 B
299-E33-34	1/26/94	B09QL9	4.73	218.00	300.00 B	
299-E33-34	1/26/94	B09QM0				24.00 B
299-E33-35	1/21/94	B09QM1	3.72	82.50	460.00 B	
299-E33-35	1/21/94	B09QM2				24.00 B

Well Name	Collection Date	Sample Number	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.
299-E28-26	1/24/94	B09QH9	.68 BL		12000.00	
299-E28-26	1/24/94	B09QJ0		2.00 U		12000.00
299-E28-27	1/21/94	B09QJ1	2.00 U		11000.00	
299-E28-27	1/21/94	B09QJ2		2.00 U		11000.00
299-E28-28	1/19/94	B09QJ3	.83 BL		13000.00	
299-E28-28	1/19/94	B09QJ4		.51 U		12000.00
299-E32-10	1/24/94	B09QJ5	2.10 BL		9600.00	
299-E32-10	1/24/94	B09QJ6		.60 BL		9600.00
299-E32-2	1/26/94	B09QJ7	1.10 BL		12000.00	
299-E32-2	1/26/94	B09QJ8		1.00 BL		12000.00
299-E32-3	1/24/94	B09QJ9	2.30 BL		14000.00	
299-E32-3	1/24/94	B09QK0		2.80 BL		15000.00

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Table 14-13. Constituents with at Least One Detected Value for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 5 of 9)

Well Name	Collection Date	Sample Number	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.
299-E32-4	1/12/94	B09QM3	2.70 BL		13000.00	
299-E32-4	1/12/94	B09QM4		1.70 BL		13000.00
299-E32-5	1/24/94	B09QK1	1.20 BL		16000.00	
299-E32-5	1/24/94	B09QK2		.74 BL		15000.00
299-E32-6	1/24/94	B09QK3	2.00 U		11000.00	
299-E32-6	1/24/94	B09QK4		3.40 BL		11000.00
299-E32-7	1/24/94	B09QK5	3.50 BL		9100.00	
299-E32-7	1/24/94	B09QK6		.78 BL		8900.00
299-E32-8	1/24/94	B09QK7	2.00 U		9200.00	
299-E32-8	1/24/94	B09QK8		.66 BL		9100.00
299-E32-9	1/24/94	B09QK9	2.00 U		9400.00	
299-E32-9	1/24/94	B09QL0		.60 BL		9500.00
299-E33-28	1/20/94	B09QL1	2.00 U		9200.00	
299-E33-28	1/20/94	B09QL2	2.00 U		9200.00	
299-E33-28	1/20/94	B09QL3		2.00 U		9000.00
299-E33-28	1/20/94	B09QL4		2.00 U		9100.00
299-E33-29	1/20/94	B09QL5	.66 L		9200.00	
299-E33-29	1/20/94	B09QL6		2.00 U		9200.00
299-E33-30	1/24/94	B09QL7	1.50 BL		9100.00	
299-E33-30	1/24/94	B09QL8		.78 BL		9000.00
299-E33-34	1/26/94	B09QL9	.97 BL		12000.00	
299-E33-34	1/26/94	B09QM0		.51 U		12000.00
299-E33-35	1/21/94	B09QM1	1.70 L		9700.00	
299-E33-35	1/21/94	B09QM2		1.00 L		9700.00

Well Name	Collection Date	Sample Number	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.
299-E28-26	1/24/94	B09QH9	18.00		92.00	
299-E28-26	1/24/94	B09QJ0		2.50 L		17.90 U
299-E28-27	1/21/94	B09QJ1	17.00		100.00	
299-E28-27	1/21/94	B09QJ2		3.60 L		17.90 U
299-E28-28	1/19/94	B09QJ3	12.00		34.00	
299-E28-28	1/19/94	B09QJ4		3.50 L		17.90 U
299-E32-10	1/24/94	B09QJ5	6.20 L		17.90 U	
299-E32-10	1/24/94	B09QJ6		2.40 L		17.90 U
299-E32-2	1/26/94	B09QJ7	6.30 L		37.00	
299-E32-2	1/26/94	B09QJ8		1.35 U		17.90 U
299-E32-3	1/24/94	B09QJ9	12.00		72.00	
299-E32-3	1/24/94	B09QK0		2.90 L		17.90 U
299-E32-4	1/12/94	B09QM3	14.00		82.00	
299-E32-4	1/12/94	B09QM4		2.30 L		20.00 U
299-E32-5	1/24/94	B09QK1	15.00		76.00	
299-E32-5	1/24/94	B09QK2		2.50 L		17.90 U
299-E32-6	1/24/94	B09QK3	10.00		57.00	
299-E32-6	1/24/94	B09QK4		2.00 L		17.90 U
299-E32-7	1/24/94	B09QK5	9.60 L		49.00	
299-E32-7	1/24/94	B09QK6		3.20 L		17.90 U
299-E32-8	1/24/94	B09QK7	5.60 L		30.00	
299-E32-8	1/24/94	B09QK8		2.80 L		17.90 U
299-E32-9	1/24/94	B09QK9	9.60 L		41.00	
299-E32-9	1/24/94	B09QL0		3.10 L		17.90 U

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Table 14-13. Constituents with at Least One Detected Value for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 6 of 9)

Well Name	Collection Date	Sample Number	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.
299-E33-28	1/20/94	B09QL1	10.00		56.00	
299-E33-28	1/20/94	B09QL2	10.00		70.00	
299-E33-28	1/20/94	B09QL3		1.35 U		17.90 U
299-E33-28	1/20/94	B09QL4		1.35 U		17.90 U
299-E33-29	1/20/94	B09QL5	16.00		86.00	
299-E33-29	1/20/94	B09QL6		1.35 U		17.90 U
299-E33-30	1/24/94	B09QL7	10.00		60.00	
299-E33-30	1/24/94	B09QL8		2.40 L		17.90 U
299-E33-34	1/26/94	B09QL9	6.30 L		32.00	
299-E33-34	1/26/94	B09QM0		1.35 U		17.90 U
299-E33-35	1/21/94	B09QM1	11.00		48.00	
299-E33-35	1/21/94	B09QM2		1.35 U		17.90 U

Well Name	Collection Date	Sample Number	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.	RADIUM 137/pCi/L ./5i
299-E28-26	1/24/94	B09QH9	33000.00 D	5100.00 B		.16
299-E28-26	1/24/94	B09QJ0			4700.00 B	
299-E28-27	1/21/94	B09QJ1	20000.00 D	6100.00		-.03 U
299-E28-27	1/21/94	B09QJ2			5800.00	
299-E28-28	1/19/94	B09QJ3	32000.00 D	5900.00		.08 U
299-E28-28	1/19/94	B09QJ4			5500.00	
299-E32-10	1/24/94	B09QJ5	11000.00 D	5900.00 B		.00 U
299-E32-10	1/24/94	B09QJ6			6000.00 B	
299-E32-2	1/26/94	B09QJ7	29000.00 D	5700.00		.14 U
299-E32-2	1/26/94	B09QJ8			6000.00	
299-E32-3	1/24/94	B09QJ9	41000.00 D	6100.00 B		.18
299-E32-3	1/24/94	B09QK0			6000.00 B	
299-E32-4	1/12/94	B09QM3	26000.00 D	5700.00		.14
299-E32-4	1/12/94	B09QM4			5700.00	
299-E32-5	1/24/94	B09QK1	44000.00 D	5400.00 B		.27
299-E32-5	1/24/94	B09QK2			5400.00 B	
299-E32-6	1/24/94	B09QK3	21000.00 D	6000.00 B		.06 U
299-E32-6	1/24/94	B09QK4			6300.00 B	
299-E32-7	1/24/94	B09QK5	9700.00	5400.00 B		.03 U
299-E32-7	1/24/94	B09QK6			5900.00 B	
299-E32-8	1/24/94	B09QK7	5000.00	5800.00		-.00 U
299-E32-8	1/24/94	B09QK8			5500.00 B	
299-E32-9	1/24/94	B09QK9	4700.00	6000.00 B		.09 U
299-E32-9	1/24/94	B09QL0			5700.00 B	
299-E33-28	1/20/94	B09QL1	4600.00	5600.00		.08 U
299-E33-28	1/20/94	B09QL2	4600.00	5400.00		.05 U
299-E33-28	1/20/94	B09QL3			5300.00	
299-E33-28	1/20/94	B09QL4			5500.00	
299-E33-29	1/20/94	B09QL5	8100.00	5800.00		.04 U
299-E33-29	1/20/94	B09QL6			5600.00	
299-E33-30	1/24/94	B09QL7	6900.00	5800.00 B		.04 U
299-E33-30	1/24/94	B09QL8			5600.00 B	
299-E33-34	1/26/94	B09QL9	46000.00 D	5500.00		.02 U
299-E33-34	1/26/94	B09QM0			5500.00	
299-E33-35	1/21/94	B09QM1	18000.00 D	5400.00		.10 U
299-E33-35	1/21/94	B09QM2			5600.00	

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Table 14-13. Constituents with at Least One Detected Value for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 7 of 9)

Well Name	Collection Date	Sample Number	SELENUM 48/ppb 1.4/10i	FSELENI 48/ppb 1.4/10i	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.
299-E28-26	1/24/94	B09QH9	2.20 L		19000.00 B	
299-E28-26	1/24/94	B09QJ0		3.30 L		20000.00 B
299-E28-27	1/21/94	B09QJ1	1.21 U		25000.00 B	
299-E28-27	1/21/94	B09QJ2		2.20 L		25000.00 B
299-E28-28	1/19/94	B09QJ3	3.20 L		22000.00 B	
299-E28-28	1/19/94	B09QJ4		2.20 L		22000.00 B
299-E32-10	1/24/94	B09QJ5	1.21 U		15000.00 B	
299-E32-10	1/24/94	B09QJ6		1.21 U		15000.00 B
299-E32-2	1/26/94	B09QJ7	4.30 L		24000.00 B	
299-E32-2	1/26/94	B09QJ8		3.30 L		24000.00 B
299-E32-3	1/24/94	B09QJ9	5.20 L		25000.00 B	
299-E32-3	1/24/94	B09QK0		5.20 L		26000.00 B
299-E32-4	1/12/94	B09QM3	3.00 L		26000.00 B	
299-E32-4	1/12/94	B09QM4		2.90 L		26000.00 B
299-E32-5	1/24/94	B09QK1	6.70 L		26000.00 B	
299-E32-5	1/24/94	B09QK2		5.40 L		26000.00 B
299-E32-6	1/24/94	B09QK3	2.00 L		24000.00 B	
299-E32-6	1/24/94	B09QK4		2.60 L		24000.00 B
299-E32-7	1/24/94	B09QK5	1.21 U		23000.00 B	
299-E32-7	1/24/94	B09QK6		1.21 U		23000.00 B
299-E32-8	1/24/94	B09QK7	1.21 U		18000.00 B	
299-E32-8	1/24/94	B09QK8		1.21 U		18000.00 B
299-E32-9	1/24/94	B09QK9	1.21 U		17000.00 B	
299-E32-9	1/24/94	B09QL0		1.21 U		17000.00 B
299-E33-28	1/20/94	B09QL1	1.21 U		18000.00 B	
299-E33-28	1/20/94	B09QL2	1.21 U		18000.00 B	
299-E33-28	1/20/94	B09QL3		1.21 U		18000.00 B
299-E33-28	1/20/94	B09QL4		1.21 U		18000.00 B
299-E33-29	1/20/94	B09QL5	1.21 U		20000.00 B	
299-E33-29	1/20/94	B09QL6		1.21 U		21000.00 B
299-E33-30	1/24/94	B09QL7	1.21 U		20000.00 B	
299-E33-30	1/24/94	B09QL8		1.21 U		20000.00 B
299-E33-34	1/26/94	B09QL9	1.21 U		22000.00 B	
299-E33-34	1/26/94	B09QM0		1.21 U		22000.00 B
299-E33-35	1/21/94	B09QM1	1.21 U		15000.00 B	
299-E33-35	1/21/94	B09QM2		1.21 U		15000.00 B

Well Name	Collection Date	Sample Number	SULFATE 124/ppb 89/250000s	TDS 65/ppm 10/500s	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.
299-E28-26	1/24/94	B09QH9	52000.00 D		12600.00	1.30 Q
299-E28-27	1/21/94	B09QJ1	47000.00 D		58200.00	5.60
299-E28-28	1/19/94	B09QJ3	53000.00 D		13700.00	1.40
299-E32-10	1/24/94	B09QJ5	30000.00 D		2600.00	3.70 Q
299-E32-2	1/26/94	B09QJ7	55000.00 D		46500.00	.90 Q
299-E32-3	1/24/94	B09QJ9	82000.00 D		47900.00	1.30 Q
299-E32-4	1/12/94	B09Q52		260.00		
299-E32-4	1/12/94	B09QM3	49000.00 D		908.00	2.90 Q
299-E32-5	1/24/94	B09QK1	89000.00 D		44900.00	2.40 Q
299-E32-6	1/24/94	B09QK3	47000.00 D		50000.00	1.20 Q
299-E32-7	1/24/94	B09QK5	32000.00 D		19400.00	3.40 Q
299-E32-8	1/24/94	B09QK7	29000.00 D		1910.00	1.00 Q
299-E32-9	1/24/94	B09QK9	28000.00 D		1940.00	.90 Q

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Table 14-13. Constituents with at Least One Detected Value for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 8 of 9)

Well Name	Collection Date	Sample Number	SULFATE 124/ppb 89/250000s	TDS 65/ppm 10/500s	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.
299-E33-28	1/20/94	B09QL1	28000.00 D		1880.00	1.00
299-E33-28	1/20/94	B09QL2	28000.00 D		1840.00	1.00
299-E33-29	1/20/94	B09QL5	29000.00 D		1930.00	1.40
299-E33-30	1/24/94	B09QL7	29000.00 D		4270.00	1.20 Q
299-E33-34	1/26/94	B09QL9	36000.00 D		5690.00	1.10 Q
299-E33-35	1/21/94	B09QM1	28000.00 D		2770.00	1.20

Well Name	Collection Date	Sample Number	URANIUM 145/ppb ./.	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	ZINC 34/ppb 4.4/5000s
299-E28-26	1/24/94	B09QH9	17.10	22.00 L		3.30 LB
299-E28-26	1/24/94	B09QJ0			19.00 L	
299-E28-27	1/21/94	B09QJ1	9.87	18.00 L		.26 LB
299-E28-27	1/21/94	B09QJ2			19.00 L	
299-E28-28	1/19/94	B09QJ3	18.80	14.00 L		3.44 U
299-E28-28	1/19/94	B09QJ4			16.00 L	
299-E32-10	1/24/94	B09QJ5	2.20	26.00 L		5.80 LB
299-E32-10	1/24/94	B09QJ6			24.00 L	
299-E32-2	1/26/94	B09QJ7	16.20	20.00 L		3.00 LBQ
299-E32-2	1/26/94	B09QJ8			20.00 L	
299-E32-3	1/24/94	B09QJ9	21.10	23.00 L		4.20 LB
299-E32-3	1/24/94	B09QK0			21.00 L	
299-E32-4	1/12/94	B09QM3	3.13	22.00 L		5.00 U
299-E32-4	1/12/94	B09QM4			18.00 L	
299-E32-5	1/24/94	B09QK1	22.20	20.00 L		3.20 LB
299-E32-5	1/24/94	B09QK2			18.00 L	
299-E32-6	1/24/94	B09QK3	10.40	21.00 L		3.90 LB
299-E32-6	1/24/94	B09QK4			23.00 L	
299-E32-7	1/24/94	B09QK5	4.70	23.00 L		13.00 B
299-E32-7	1/24/94	B09QK6			23.00 L	
299-E32-8	1/24/94	B09QK7	1.91	25.00 L		4.00 L
299-E32-8	1/24/94	B09QK8			24.00 L	
299-E32-9	1/24/94	B09QK9	1.97	24.00 L		3.50 LB
299-E32-9	1/24/94	B09QL0			24.00 L	
299-E33-28	1/20/94	B09QL1	2.19	20.00 L		5.00 LBQ
299-E33-28	1/20/94	B09QL2	2.77	18.00 L		.38 LBQ
299-E33-28	1/20/94	B09QL3			18.00 L	
299-E33-28	1/20/94	B09QL4			16.00 L	
299-E33-29	1/20/94	B09QL5	2.70	19.00 L		3.60 LB
299-E33-29	1/20/94	B09QL6			20.00 L	
299-E33-30	1/24/94	B09QL7	2.29	24.00 L		3.70 LB
299-E33-30	1/24/94	B09QL8			23.00 L	
299-E33-34	1/26/94	B09QL9	6.56	19.00 L		4.10 LBQ
299-E33-34	1/26/94	B09QM0			20.00 L	
299-E33-35	1/21/94	B09QM1	2.23	19.00 L		2.40 LB
299-E33-35	1/21/94	B09QM2			19.00 L	

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Table 14-13. Constituents with at Least One Detected Value for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994. (sheet 9 of 9)

Well Name	Collection Date	Sample Number	FZINC 34/ppb 4.4/5000s
299-E28-26	1/24/94	B09QJ0	3.44 U
299-E28-27	1/21/94	B09QJ2	3.20 LB
299-E28-28	1/19/94	B09QJ4	3.44 U
299-E32-10	1/24/94	B09QJ6	4.60 LB
299-E32-2	1/26/94	B09QJ8	3.70 LBQ
299-E32-3	1/24/94	B09QK0	3.20 LB
299-E32-4	1/12/94	B09QM4	5.00 U
299-E32-5	1/24/94	B09QK2	1.20 LB
299-E32-6	1/24/94	B09QK4	2.80 LB
299-E32-7	1/24/94	B09QK6	2.40 LB
299-E32-8	1/24/94	B09QK8	3.20 LB
299-E32-9	1/24/94	B09QL0	3.20 LB
299-E33-28	1/20/94	B09QL3	1.90 LB
299-E33-28	1/20/94	B09QL4	1.90 LB
299-E33-29	1/20/94	B09QL6	2.00 LB
299-E33-30	1/24/94	B09QL8	2.60 LB
299-E33-34	1/26/94	B09QM0	2.10 LBQ
299-E33-35	1/21/94	B09QM2	3.44 U

For explanation of this table, see Section 1.4 of report.

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Table 14-14. Contamination Indicator Parameters for the LLWMA-1 Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-E28-26	1/24/94	B09QH9	408		7.49		400 L	5.0 U
299-E28-27	1/21/94	B09QJ1	360		7.91		200 L	5.0 U
299-E28-28	1/19/94	B09QJ3	429		7.94		300 L	5.0 U
299-E32-10	1/24/94	B09QJ5	294		7.98		400 L	5.0 U
299-E32-2	1/26/94	B09QJ7	420		7.44		300 L	5.0 U
299-E32-3	1/24/94	B09QJ9	496		7.75		300 L	5.0 U
299-E32-4	1/12/94	B09Q52	414	420	7.56		200 U	
		B09Q53	412	420	7.57		200 U	
		B09Q54	412	420	7.58		200 U	
		B09Q55	412	420	7.58		200 U	
299-E32-5	1/24/94	B09QK1	525		7.72		300 L	5.0 U
299-E32-6	1/24/94	B09QK3	365		7.96		400 L	5.0 U
299-E32-7	1/24/94	B09QK5	320		7.83		400 L	7.9
299-E32-8	1/24/94	B09QK7	303		8.04		500 L	12.7
299-E32-9	1/24/94	B09QK9	303		8.01		400 L	8.3
299-E33-28	1/20/94	B09QL1	307		7.95		300 L	14.4
		B09QL2					300 L	13.2
299-E33-29	1/20/94	B09QL5	314		7.49		300 L	5.0 U
299-E33-30	1/24/94	B09QL7	315		8.00		400 L	10.7
299-E33-34	1/26/94	B09QL9	373		7.93		300 L	5.0 U
299-E33-35	1/21/94	B09QM1	293		7.40		400 L	

For explanation of this table, see Section 1.4 of report.

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Table 14-15. Constituent List and Summary of Results for the LLWMA-2 Data for Reporting Period January 1, 1994 through March 31, 1994.

No data reported.

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Table 14-16. Constituent with at Least One Detected Value for the LLWMA-2 Data for Reporting Period January 1, 1994 through March 31, 1994.

No data reported.

9413280.1878

Table 14-17. Constituent Indicator Parameter for the LLWMA-2 Data for Reporting Period January 1, 1994 through March 31, 1994.

No data reported.

9413280.1879

Table 14-18. Constituent List and Summary of Results for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 3)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT		Conductivity, field	µmho	1			88	88	
TOC		Total Organic Carbon	ppb	320			90	29	
TOX		Total Organic Halogen	ppb	5			86	43	
PH		pH, field	pH	.01	6.5-8.5	EPAS	88	88	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
2,4,5TP		2,4,5-TP	ppb	.015	50	EPA	5	0	0
2,4-D		2,4-D	ppb	.052	100	EPAI	5	0	0
ARSENIC		Arsenic	ppb	.64	50	EPA	5	2	0
FARSENIC		Arsenic, filtered	ppb	.64	50	EPA	5	2	0
BARIUM		Barium	ppb	1.3	1000	EPAI	21	21	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	21	21	0
CADMIUM		Cadmium	ppb	3	10	EPAI	21	1	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	21	1	0
CHROMUM		Chromium	ppb	11	50	EPAI	21	21	19
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	21	14	0
ENDRIN		Endrin	ppb	.0042	.2	EPA	5	0	0
FLUORID		Fluoride	ppb	51	1400	EPAI	21	21	1
ALPHA		Gross alpha	pCi/L		15	EPA	21	16	1
MERCURY		Mercury	ppb	.095	2	EPA	21	0	0
FMERCUR		Mercury, filtered	ppb	.095	2	EPA	21	2	0
METHLOR		Methoxychlor	ppb	.022	100	EPAI	5	0	0
NITRATE		Nitrate	ppb	96	45000	EPA	21	21	7
RADIUM		Radium	pCi/L		5	EPAI	21	12	0
SELENUM		Selenium	ppb	1.4	10	EPAI	5	2	0
FSELENI		Selenium, filtered	ppb	1.4	10	EPAI	5	2	0
TOXAENE		Toxaphene	ppb	.7	5	EPAI	5	0	0
g-BHC		gamma-BHC (Lindane)	ppb	.0015	4	EPAI	5	0	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	21	21	0
IRON		Iron	ppb	18	300	EPAS	21	21	19
FIRON		Iron, filtered	ppb	18	300	EPAS	21	18	0
MANGESE		Manganese	ppb	1	50	EPAS	21	21	6
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	21	19	1
LPHENOL	19	Phenol	ppb	.5			19	0	
LPHENOL	30	Phenol	ppb	.57			21	0	
SODIUM		Sodium	ppb	150			21	21	
FSODIUM		Sodium, filtered	ppb	150			21	21	
SULFATE		Sulfate	ppb	89	250000	EPAS	21	21	0

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Table 14-18. Constituent List and Summary of Results for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 3)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.22	200	EPA	21	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.062			21	1	
1,1-DIC		1,1-Dichloroethane	ppb	.08			21	0	
1,2-DIC		1,2-Dichloroethane	ppb	.055	5	EPA	21	0	0
14-dben		1,4-Dichlorobenzene	ppb	.107	75	EPA	21	0	0
2,4,5-T		2,4,5-T	ppb	.018			5	0	
246-trp		2,4,6-Trichlorophenol	ppb	1.6			21	0	
24-dchp	19	2,4-Dichlorophenol	ppb	1.3			19	0	
24-dchp	30	2,4-Dichlorophenol	ppb	1.5			21	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			21	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			21	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			21	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			21	0	
2METHPH		2-Methylphenol	ppb	1.9			19	0	
2NITPH	19	2-Nitrophenol	ppb	1.6			19	0	
2NITPH	30	2-Nitrophenol	ppb	1.7			21	0	
BUTDINP	30	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			21	0	
BUTDINP	49	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	.24			5	0	
DDD		4,4'-DDD	ppb	.0039			5	0	
DDE		4,4'-DDE	ppb	.0015			5	0	
DDT		4,4'-DDT	ppb	.0012			5	0	
46DN2MP		4,6-Dinitro-2-methylphenol	ppb	1.6			21	0	
CHLCRES		4-Chloro-3-methylphenol	ppb	1.5			21	0	
4METHPH		4-Methylphenol	ppb	1.3			19	0	
NITPHEN		4-Nitrophenol	ppb	1.4			21	0	
ALDRIN		Aldrin	ppb	.0018			5	0	
a-BHC		Alpha-BHC	ppb	.003			5	0	
ALUMNUM		Aluminum	ppb	19			21	11	
FALUMIN		Aluminum, filtered	ppb	19			21	1	
ANTIONY		Antimony	ppb	26			21	2	
FANTIMO		Antimony, filtered	ppb	26			21	0	
BENZENE		Benzene	ppb	.24	5	EPA	21	0	0
BENZOTH		Benzothiazole	ppb	1.9			19	0	
BERYLUM		Beryllium	ppb	1.5			21	0	
FBERYLL		Beryllium, filtered	ppb	1.5			21	0	
b-BHC		Beta-BHC	ppb	.0013			5	0	
BIS2EPH		Bis(2-ethylhexyl) phthalate	ppb	1.1			19	0	
BROMIDE		Bromide	ppb	110			21	1	
CALCIUM		Calcium	ppb	47			21	21	
FCALCIU		Calcium, filtered	ppb	47			21	21	
TETRANE		Carbon tetrachloride	ppb	.32	5	EPA	21	17	9
CHLOANE		Chlordane	ppb	.042	2	EPA	5	0	0
CHLFORM		Chloroform	ppb	.05			21	18	
COBALT		Cobalt	ppb	6.5			21	0	
FCOBALT		Cobalt, filtered	ppb	6.5			21	0	
COLIFORM		Coliforms	COL	1	1	EPAI	6	0	0
COPPER		Copper	ppb	2.6	1000	EPAS	21	11	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	21	2	0
CRESOLS		Cresols (methylphenols)	ppb	4.8			21	0	
CYANIDE		Cyanide	ppb	.94			19	3	
DECANE		Decane	ppb	2.9			19	0	
d-BHC		Delta-BHC	ppb	.0018			5	0	
DIELRIN		Dieldrin	ppb	.0021			5	0	
DODECAN		Dodecane	ppb	2.4			19	0	

Table 14-18. Constituent List and Summary of Results for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 3)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
ENDO1		Endosulfan I	ppb	.0018			5	0	
ENDO2		Endosulfan II	ppb	.0012			5	0	
ENDSFAN		Endosulfan sulfate	ppb	.0018			5	0	
ENDRALD		Endrin Aldehyde	ppb	.0039			5	0	
ETHBENZ		Ethylbenzene	ppb	.043	700	EPA	21	1	0
BETA		Gross beta	pCi/L				21	21	
HEPTLOR		Heptachlor	ppb	.0015	.4	EPA	5	0	0
HEPTIDE		Heptachlor epoxide	ppb	.0012	.2	EPA	5	0	0
LEAD		Lead	ppb	.86	50	EPAI	21	13	0
FLEAD		Lead, filtered	ppb	.86	50	EPAI	21	5	0
MAGNES		Magnesium	ppb	25			21	21	
FMAGNES		Magnesium, filtered	ppb	25			21	21	
METHYCH		Methylene chloride	ppb	.082			21	2	
NAPHTHA		Naphthalene	ppb	1.2			19	0	
NICKEL		Nickel	ppb	16			21	19	
FNICKEL		Nickel, filtered	ppb	16			21	3	
NITRITE		Nitrite	ppb	110	1000	EPA	21	1	0
PENTCHP	19	Pentachlorophenol	ppb	1.7	1	EPA	19	0	19*
PENTCHP	30	Pentachlorophenol	ppb	1.7	1	EPA	21	0	0*
PHOSPHA		Phosphate	ppb	470			21	0	
POTASUM		Potassium	ppb	890			21	21	
FPOTASS		Potassium, filtered	ppb	890			21	21	
SILVER		Silver	ppb	3.4	50	EPAI	21	0	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	21	0	0
PERCENE		Tetrachloroethene	ppb	.08	5	EPA	21	4	0
TETPHNL		Tetrachlorophenols	ppb	1.4			21	0	
TETRADE		Tetradecane	ppb	3			19	0	
TIN		Tin	ppb	24			21	2	
FTIN		Tin, filtered	ppb	24			21	1	
TOLUENE		Toluene	ppb	.077	1000	EPA	21	1	0
TRIBUTPH		Tributyl Phosphate	ppb	3.9			19	0	
TRICENE		Trichloroethene	ppb	.043	5	EPA	21	9	2
TRIPHNL		Trichlorophenols	ppb	2.1			21	0	
TDICHPH		Tris-2-chloroethyl phosphate	ppb	2.2			19	0	
TRITIUM		Tritium	pCi/L		20000	EPA	21	10	0
TURBID		Turbidity	NTU	.016			21	21	
URANIUM		Uranium	ppb				19	19	
VANADUM		Vanadium	ppb	6.4			21	21	
FVANADI		Vanadium, filtered	ppb	6.4			21	21	
VINYIDE		Vinyl chloride	ppb	.15	2	EPA	21	0	0
XYLENE		Xylenes (total)	ppb	.2	10000	EPA	21	1	0
ZINC		Zinc	ppb	4.4	5000	EPAS	21	21	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	21	18	0
CIS12DE		cis-1,2-Dichloroethylene	ppb	.045	70	EPA	21	0	0
MCRESOL		m-Cresol	ppb	6.3			19	0	
TRANDCE		trans-1,2-Dichloroethylene	ppb	.067	100	EPA	21	0	0

For explanation of this table, see Section 1.4 of report.

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Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 14)

Well Name	Collection Date	Sample Number	1,1,2-T 25/ppb .062/.	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	ANTIONY 34/ppb 26/.
299-W10-13	2/18/94	B0BDJ4	.04 UH	87.00 L		69.40 U
299-W10-13	2/18/94	B0BDJ8			32.50 U	
299-W10-14	2/18/94	B0BDJ9	.04 UH	32.50 U		69.40 U
299-W10-14	2/18/94	B0BDK3			32.50 U	
299-W10-19	2/18/94	B0BDK4	.21 H	120.00 L		69.40 U
299-W10-19	2/18/94	B0BDK8			32.50 U	
299-W10-20	2/18/94	B0B105	.04 UXH	3600.00		69.40 U
299-W10-20	2/18/94	B0B109			32.50 U	
299-W10-21	2/22/94	B09ZM1	.04 UH	800.00		69.40 U
299-W10-21	2/22/94	B09ZM5			32.50 U	
299-W6-2	2/07/94	B09ZK0	.04 UH	32.50 U		69.40 U
299-W6-2	2/07/94	B09ZK1	.04 UH	32.50 U		69.40 U
299-W6-2	2/07/94	B09ZK8			32.50 U	
299-W6-2	2/07/94	B09ZK9			32.50 U	
299-W7-1	2/22/94	B0BDL9	.04 UH	32.50 U		69.40 U
299-W7-1	2/22/94	B0BDM3			32.50 U	
299-W7-10	2/08/94	B09ZL0	.04 UH	32.50 U		69.40 U
299-W7-10	2/08/94	B09ZL4			32.50 U	
299-W7-11	2/23/94	B0BDM9	.04 UH	210.00		69.40 U
299-W7-11	2/23/94	B0BDN3			32.50 U	
299-W7-12	2/23/94	B0BDN4	.04 UH	1000.00		69.40 U
299-W7-12	2/23/94	B0BDN8			32.50 U	
299-W7-2	2/22/94	B0BDN9	.04 UH	32.50 U		69.40 U
299-W7-2	2/22/94	B0BDP3			32.50 U	
299-W7-3	2/25/94	B0BDP4	.04 UHY	32.50 U		69.40 U
299-W7-3	2/25/94	B0BDP8			32.50 U	
299-W7-4	2/23/94	B0BDP9	.04 UH	32.50 U		69.40 U
299-W7-4	2/23/94	B0BDQ3			32.50 U	
299-W7-5	2/23/94	B0BDQ8			32.50 U	
299-W7-5	2/24/94	B0BDQ4	.04 UH	32.50 U		69.40 U
299-W7-6	2/23/94	B0BDQ9	.04 UH	15000.00		69.40 U
299-W7-6	2/23/94	B0BDR3			130.00 L	
299-W7-7	2/22/94	B0BDR4	.04 UH	1400.00		69.40 U
299-W7-7	2/22/94	B0BDR8			32.50 U	
299-W7-8	2/28/94	B0BDR9	.04 UH	41.00 L		35.00 L
299-W7-8	2/28/94	B0BDS3			32.50 U	
299-W7-9	2/28/94	B0BDS4	.04 UH	590.00		38.00 L
299-W7-9	2/28/94	B0BDS8			32.50 U	
299-W8-1	2/23/94	B0BDS9	.04 UH	32.50 U		69.40 U
299-W8-1	2/23/94	B0BDT3			32.50 U	
299-W9-1	2/18/94	B0BDT4	.04 UH	150.00 L		69.40 U
299-W9-1	2/18/94	B0BDT8			32.50 U	

Well Name	Collection Date	Sample Number	FANTIMO 34/ppb 26/.	ARSENIC 43/ppb .64/50	FARSENIC 43/ppb .64/50	BARIUM 34/ppb 1.3/1000i
299-W10-13	2/18/94	B0BDJ4				39.00 B
299-W10-13	2/18/94	B0BDJ8	69.40 U			
299-W10-14	2/18/94	B0BDJ9				67.00 B
299-W10-14	2/18/94	B0BDK3	69.40 U			
299-W10-19	2/18/94	B0BDK4				59.00 B
299-W10-19	2/18/94	B0BDK8	69.40 U			

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Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 14)

Well Name	Collection Date	Sample Number	FANTIMO 34/ppb 26/.	ARSENIC 43/ppb .64/50	FARSENIC 43/ppb .64/50	BARIUM 34/ppb 1.3/1000i
299-W10-20	2/18/94	B0B105		1.38 U		80.00
299-W10-20	2/18/94	B0B109	69.40 U		1.38 U	
299-W10-21	2/22/94	B09ZM1		2.00 L		67.00 BQ
299-W10-21	2/22/94	B09ZM5	69.40 U		1.38 U	
299-W6-2	2/07/94	B09ZK0		1.38 U		38.00
299-W6-2	2/07/94	B09ZK1		1.38 U		38.00
299-W6-2	2/07/94	B09ZK8	69.40 U		2.00 LQ	
299-W6-2	2/07/94	B09ZK9	69.40 U		1.38 UQ	
299-W7-1	2/22/94	B0BDL9				31.00 BQ
299-W7-1	2/22/94	B0BDM3	69.40 U			
299-W7-10	2/08/94	B09ZL0		2.10 L		36.00 B
299-W7-10	2/08/94	B09ZL4	69.40 U		2.00 L	
299-W7-11	2/23/94	B0BDM9				34.00 B
299-W7-11	2/23/94	B0BDN3	69.40 U			
299-W7-12	2/23/94	B0BDN4				43.00 B
299-W7-12	2/23/94	B0BDN8	69.40 U			
299-W7-2	2/22/94	B0BDN9				23.00 BQ
299-W7-2	2/22/94	B0BDP3	69.40 U			
299-W7-3	2/25/94	B0BDP4				33.00
299-W7-3	2/25/94	B0BDP8	69.40 U			
299-W7-4	2/23/94	B0BDP9				38.00 B
299-W7-4	2/23/94	B0BDQ3	69.40 U			
299-W7-5	2/23/94	B0BDQ8	69.40 U			
299-W7-5	2/24/94	B0BDQ4				33.00
299-W7-6	2/23/94	B0BDQ9				120.00 B
299-W7-6	2/23/94	B0BDR3	69.40 U			
299-W7-7	2/22/94	B0BDR4				39.00 BQ
299-W7-7	2/22/94	B0BDR8	69.40 U			
299-W7-8	2/28/94	B0BDR9				36.00
299-W7-8	2/28/94	B0BDS3	69.40 U			
299-W7-9	2/28/94	B0BDS4				56.00
299-W7-9	2/28/94	B0BDS8	69.40 U			
299-W8-1	2/23/94	B0BDS9				31.00 B
299-W8-1	2/23/94	B0BDT3	69.40 U			
299-W9-1	2/18/94	B0BDT4				30.00 B
299-W9-1	2/18/94	B0BDT8	69.40 U			

Well Name	Collection Date	Sample Number	FBARIUM 34/ppb 1.3/1000i	BROMIDE 124/ppb 110/.	CADMIUM 34/ppb 3/10i	FCADMIU 34/ppb 3/10i
299-W10-13	2/18/94	B0BDJ4		100.00 L	4.70 U	
299-W10-13	2/18/94	B0BDJ8	40.00 B			4.70 U
299-W10-14	2/18/94	B0BDJ9		100.00 L	4.70 U	
299-W10-14	2/18/94	B0BDK3	67.00 B			4.70 U
299-W10-19	2/18/94	B0BDK4		52.80 U	4.70 U	
299-W10-19	2/18/94	B0BDK8	58.00 B			4.70 U
299-W10-20	2/18/94	B0B105		52.80 U	4.70 U	
299-W10-20	2/18/94	B0B109	56.00			4.70 U
299-W10-21	2/22/94	B09ZM1		52.80 U	4.70 U	
299-W10-21	2/22/94	B09ZM5	62.00 BQ			4.70 U

Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 14)

Well Name	Collection Date	Sample Number	FBARIUM 34/ppb 1.3/1000i	BROMIDE 124/ppb 110/.	CADMIUM 34/ppb 3/10i	FCADMIU 34/ppb 3/10i
299-W6-2	2/07/94	B09ZK0		52.80 U	4.70 U	
299-W6-2	2/07/94	B09ZK1		52.80 U	4.70 U	
299-W6-2	2/07/94	B09ZK8	37.00			4.70 U
299-W6-2	2/07/94	B09ZK9	37.00			4.70 U
299-W7-1	2/22/94	B0BDL9		100.00 L	6.60 L	
299-W7-1	2/22/94	B0BDM3	29.00 BQ			4.70 U
299-W7-10	2/08/94	B09ZL0		52.80 U	4.70 U	
299-W7-10	2/08/94	B09ZL4	36.00 B			4.70 U
299-W7-11	2/23/94	B0BDM9		200.00 L	4.70 U	
299-W7-11	2/23/94	B0BDN3	31.00 B			4.30 L
299-W7-12	2/23/94	B0BDN4		80.00 L	4.70 U	
299-W7-12	2/23/94	B0BDN8	34.00 B			4.70 U
299-W7-2	2/22/94	B0BDN9		100.00 L	4.70 U	
299-W7-2	2/22/94	B0BDP3	24.00 BQ			4.70 U
299-W7-3	2/25/94	B0BDP4		52.80 U	4.70 U	
299-W7-3	2/25/94	B0BDP8	32.00			4.70 U
299-W7-4	2/23/94	B0BDP9		90.00 L	4.70 U	
299-W7-4	2/23/94	B0BDQ3	40.00 B			4.70 U
299-W7-5	2/23/94	B0BDQ8	33.00			4.70 U
299-W7-5	2/24/94	B0BDQ4		52.80 U	4.70 U	
299-W7-6	2/23/94	B0BDQ9		60.00 L	4.70 U	
299-W7-6	2/23/94	B0BDR3	33.00 B			4.70 U
299-W7-7	2/22/94	B0BDR4		52.80 U	4.70 U	
299-W7-7	2/22/94	B0BDR8	27.00 BQ			4.70 U
299-W7-8	2/28/94	B0BDR9		52.80 U	4.70 U	
299-W7-8	2/28/94	B0BDS3	36.00			4.70 U
299-W7-9	2/28/94	B0BDS4		100.00 L	4.70 U	
299-W7-9	2/28/94	B0BDS8	52.00			4.70 U
299-W8-1	2/23/94	B0BDS9		90.00 L	4.70 U	
299-W8-1	2/23/94	B0BDT3	30.00 B			4.70 U
299-W9-1	2/18/94	B0BDT4		100.00 L	4.70 U	
299-W9-1	2/18/94	B0BDT8	29.00 B			4.70 U

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	TETRANE 25/ppb .32/5	CHLORID 124/ppb 71/250000s
299-W10-13	2/18/94	B0BDJ4	42000.00		15.00	26000.00 D
299-W10-13	2/18/94	B0BDJ8		42000.00		
299-W10-14	2/18/94	B0BDJ9	35000.00		.12 U	9200.00
299-W10-14	2/18/94	B0BDK3		35000.00		
299-W10-19	2/18/94	B0BDK4	68000.00		1800.00 D	15000.00 D
299-W10-19	2/18/94	B0BDK8		67000.00		
299-W10-20	2/18/94	B0B105	69000.00 B		810.00 D	17000.00 D
299-W10-20	2/18/94	B0B109		68000.00 B		
299-W10-21	2/22/94	B09ZM1	62000.00 Q		590.00 D	12000.00 D
299-W10-21	2/22/94	B09ZM5		61000.00 Q		
299-W6-2	2/07/94	B09ZK0	40000.00		190.00 D	5500.00
299-W6-2	2/07/94	B09ZK1	41000.00		160.00 D	5500.00
299-W6-2	2/07/94	B09ZK8		40000.00		
299-W6-2	2/07/94	B09ZK9		40000.00		

Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 14)

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	TETRANE 25/ppb .32/5	CHLORID 124/ppb 71/250000s
299-W7-1	2/22/94	B0BDL9	45000.00 Q		1.40	11000.00 D
299-W7-1	2/22/94	B0BDM3		45000.00 Q		
299-W7-10	2/08/94	B09ZL0	32000.00 Q		6.80	4800.00
299-W7-10	2/08/94	B09ZL4		32000.00 Q		
299-W7-11	2/23/94	B0BDM9	39000.00		.12 U	6800.00
299-W7-11	2/23/94	B0BDN3		37000.00		
299-W7-12	2/23/94	B0BDN4	40000.00		1.20	10000.00 D
299-W7-12	2/23/94	B0BDN8		38000.00		
299-W7-2	2/22/94	B0BDN9	26000.00 Q		.12 U	2900.00
299-W7-2	2/22/94	B0BDP3		27000.00 Q		
299-W7-3	2/25/94	B0BDP4	30000.00		.32 LHY	3900.00
299-W7-3	2/25/94	B0BDP8		29000.00		
299-W7-4	2/23/94	B0BDP9	57000.00		660.00 DX	16000.00 D
299-W7-4	2/23/94	B0BDQ3		59000.00		
299-W7-5	2/23/94	B0BDQ8		43000.00		
299-W7-5	2/24/94	B0BDQ4	41000.00		30.00	10000.00 D
299-W7-6	2/23/94	B0BDQ9	28000.00		.12 U	4200.00
299-W7-6	2/23/94	B0BDR3		21000.00		
299-W7-7	2/22/94	B0BDR4	31000.00 Q		2.80	4200.00
299-W7-7	2/22/94	B0BDR8		30000.00 Q		
299-W7-8	2/28/94	B0BDR9	34000.00		4.60	5500.00
299-W7-8	2/28/94	B0BDS3		35000.00		
299-W7-9	2/28/94	B0BDS4	43000.00		.57 L	14000.00 D
299-W7-9	2/28/94	B0BDS8		43000.00		
299-W8-1	2/23/94	B0BDS9	47000.00		4.80	14000.00 D
299-W8-1	2/23/94	B0BDT3		46000.00		
299-W9-1	2/18/94	B0BDT4	47000.00		1.30	16000.00 D
299-W9-1	2/18/94	B0BDT8		44000.00		

Well Name	Collection Date	Sample Number	CHLFORM 25/ppb .05/.	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COPPER 34/ppb 2.6/1000s
299-W10-13	2/18/94	B0BDJ4	.33 L	91.00		2.65 U
299-W10-13	2/18/94	B0BDJ8			11.00 L	
299-W10-14	2/18/94	B0BDJ9	.04 U	350.00		2.65 U
299-W10-14	2/18/94	B0BDK3			5.42 U	
299-W10-19	2/18/94	B0BDK4	15.00	43.00		2.65 U
299-W10-19	2/18/94	B0BDK8			19.00 L	
299-W10-20	2/18/94	B0B105	55.00 D	42.00		7.80 L
299-W10-20	2/18/94	B0B109			11.00 L	
299-W10-21	2/22/94	B09ZM1	8.20	69.00		6.20 L
299-W10-21	2/22/94	B09ZM5			26.00	
299-W6-2	2/07/94	B09ZK0	1.60	76.00		2.65 U
299-W6-2	2/07/94	B09ZK1	1.50	74.00		2.65 U
299-W6-2	2/07/94	B09ZK8			23.00	
299-W6-2	2/07/94	B09ZK9			23.00	

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Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 5 of 14)

Well Name	Collection Date	Sample Number	CHLFORM 25/ppb .05/.	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COPPER 34/ppb 2.6/1000s
299-W7-1	2/22/94	B0BDL9	.41 L	100.00		2.65 U
299-W7-1	2/22/94	B0BDM3			5.42 U	
299-W7-10	2/08/94	B09ZL0	.51	63.00		6.10 L
299-W7-10	2/08/94	B09ZL4			5.42 U	
299-W7-11	2/23/94	B0BDM9	.04 U	160.00		6.30 L
299-W7-11	2/23/94	B0BDN3			8.10 L	
299-W7-12	2/23/94	B0BDN4	.37 L	140.00		7.60 L
299-W7-12	2/23/94	B0BDN8			5.42 U	
299-W7-2	2/22/94	B0BDN9	.09 L	170.00		5.60 L
299-W7-2	2/22/94	B0BDP3			13.00 L	
299-W7-3	2/25/94	B0BDP4	.39 LHY	210.00		5.80 BL
299-W7-3	2/25/94	B0BDP8			5.42 U	
299-W7-4	2/23/94	B0BDP9	6.50	110.00		2.65 U
299-W7-4	2/23/94	B0BDQ3			11.00 L	
299-W7-5	2/23/94	B0BDQ8			12.00 L	
299-W7-5	2/24/94	B0BDQ4	.90	100.00		2.65 U
299-W7-6	2/23/94	B0BDQ9	.04 U	330.00		9.40 L
299-W7-6	2/23/94	B0BDR3			21.00	
299-W7-7	2/22/94	B0BDR4	.17 L	180.00		15.00 L
299-W7-7	2/22/94	B0BDR8			13.00 L	
299-W7-8	2/28/94	B0BDR9	.60	240.00		15.00 BL
299-W7-8	2/28/94	B0BDS3			13.00 L	
299-W7-9	2/28/94	B0BDS4	.31 L	560.00		37.00 B
299-W7-9	2/28/94	B0BDS8			5.42 U	
299-W8-1	2/23/94	B0BDS9	.31 L	150.00		2.65 U
299-W8-1	2/23/94	B0BDT3			14.00 L	
299-W9-1	2/18/94	B0BDT4	.14 L	67.00		2.65 U
299-W9-1	2/18/94	B0BDT8			14.00 L	

Well Name	Collection Date	Sample Number	FCOPPER 34/ppb 2.6/1000s	CYANIDE 358/ppb .94/.	ETHBENZ 25/ppb .043/700	FLUORID 124/ppb 51/1400i
299-W10-13	2/18/94	B0BDJ4		1.24 U	.05 U	900.00
299-W10-13	2/18/94	B0BDJ8	2.65 U			
299-W10-14	2/18/94	B0BDJ9		1.24 U	.05 U	1500.00 F
299-W10-14	2/18/94	B0BDK3	2.65 U			
299-W10-19	2/18/94	B0BDK4		1.24 U	.26 L	400.00
299-W10-19	2/18/94	B0BDK8	2.65 U			
299-W10-20	2/18/94	B0B105			.05 U	900.00
299-W10-20	2/18/94	B0B109	2.65 U			
299-W10-21	2/22/94	B09ZM1			.05 U	700.00
299-W10-21	2/22/94	B09ZM5	2.65 U			
299-W6-2	2/07/94	B09ZK0		1.24 U	.05 U	400.00
299-W6-2	2/07/94	B09ZK1		1.24 U	.05 U	400.00
299-W6-2	2/07/94	B09ZK8	2.65 U			
299-W6-2	2/07/94	B09ZK9	2.65 U			
299-W7-1	2/22/94	B0BDL9		1.24 U	.05 U	300.00
299-W7-1	2/22/94	B0BDM3	5.60 L			
299-W7-10	2/08/94	B09ZL0		1.24 U	.05 U	400.00
299-W7-10	2/08/94	B09ZL4	2.65 U			
299-W7-11	2/23/94	B0BDM9		1.24 U	.05 U	400.00
299-W7-11	2/23/94	B0BDN3	2.65 U			
299-W7-12	2/23/94	B0BDN4		1.24 U	.05 U	300.00
299-W7-12	2/23/94	B0BDN8	2.65 U			

Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 6 of 14)

Well Name	Collection Date	Sample Number	FCOPPER 34/ppb 2.6/1000s	CYANIDE 358/ppb .94/.	ETHBENZ 25/ppb .043/700	FLUORID 124/ppb 51/1400i
299-W7-2	2/22/94	B0BDN9		1.24 U	.05 U	400.00
299-W7-2	2/22/94	B0BDP3	2.65 U			
299-W7-3	2/25/94	B0BDP4		1.24 U	.05 UHY	400.00
299-W7-3	2/25/94	B0BDP8	2.65 U			
299-W7-4	2/23/94	B0BDP9		1.24 U	.05 U	300.00
299-W7-4	2/23/94	B0BDQ3	2.65 U			
299-W7-5	2/23/94	B0BDQ8	2.65 U			
299-W7-5	2/24/94	B0BDQ4		2.00 L	.05 U	700.00
299-W7-6	2/23/94	B0BDQ9		1.24 U	.05 U	400.00
299-W7-6	2/23/94	B0BDR3	2.65 U			
299-W7-7	2/22/94	B0BDR4		1.24 U	.05 U	400.00
299-W7-7	2/22/94	B0BDR8	4.30 L			
299-W7-8	2/28/94	B0BDR9		1.24 U	.05 U	700.00
299-W7-8	2/28/94	B0BDS3	2.65 U			
299-W7-9	2/28/94	B0BDS4		6.00 L	.05 U	600.00
299-W7-9	2/28/94	B0BDS8	2.65 U			
299-W8-1	2/23/94	B0BDS9		1.24 U	.05 U	300.00
299-W8-1	2/23/94	B0BDT3	2.65 U			
299-W9-1	2/18/94	B0BDT4		1.30 L	.05 U	300.00
299-W9-1	2/18/94	B0BDT8	2.65 U			

Well Name	Collection Date	Sample Number	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s
299-W10-13	2/18/94	B0BDJ4	1.22	6.68	520.00	
299-W10-13	2/18/94	B0BDJ8				37.00
299-W10-14	2/18/94	B0BDJ9	.49 U	3.85	1500.00	
299-W10-14	2/18/94	B0BDK3				65.00
299-W10-19	2/18/94	B0BDK4	.60 U	18.20	360.00	
299-W10-19	2/18/94	B0BDK8				28.00
299-W10-20	2/18/94	B0B105	3.49	16.40	8800.00 B	
299-W10-20	2/18/94	B0B109				21.00 B
299-W10-21	2/22/94	B09ZM1	2.22	19.90	1700.00 Q	
299-W1D-21	2/22/94	B09ZM5				52.00 Q
299-W6-2	2/07/94	B09ZK0	2.05 Q	13.40 Q	260.00 B	
299-W6-2	2/07/94	B09ZK1	1.27 Q	8.38 Q	230.00 B	
299-W6-2	2/07/94	B09ZK8				27.00 B
299-W6-2	2/07/94	B09ZK9				30.00 B
299-W7-1	2/22/94	B0BDL9	1.63	10.40	470.00 Q	
299-W7-1	2/22/94	B0BDM3				57.00 Q
299-W7-10	2/08/94	B09ZL0	1.41	8.06	350.00	
299-W7-10	2/08/94	B09ZL4				42.00
299-W7-11	2/23/94	B0BDM9	1.09 U	4.01	920.00	
299-W7-11	2/23/94	B0BDN3				13.00 L
299-W7-12	2/23/94	B0BDN4	1.55	7.47	3200.00	
299-W7-12	2/23/94	B0BDN8				16.00 L
299-W7-2	2/22/94	B0BDN9	1.54	3.49	800.00 Q	
299-W7-2	2/22/94	B0BDP3				32.00 Q
299-W7-3	2/25/94	B0BDP4	1.35	5.84	980.00	
299-W7-3	2/25/94	B0BDP8				82.00
299-W7-4	2/23/94	B0BDP9	2.74	15.80	410.00	
299-W7-4	2/23/94	B0BDQ3				24.00
299-W7-5	2/23/94	B0BDQ8				33.00
299-W7-5	2/24/94	B0BDQ4	1.27	8.10	400.00	
299-W7-6	2/23/94	B0BDQ9	24.40	16.90	12000.00	

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Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 7 of 14)

Well Name	Collection Date	Sample Number	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s
299-W7-6	2/23/94	B0BDR3				150.00
299-W7-7	2/22/94	B0BDR4	3.28	6.09	3900.00 Q	
299-W7-7	2/22/94	B0BDR8				55.00 Q
299-W7-8	2/28/94	B0BDR9	1.58	9.37	1000.00	
299-W7-8	2/28/94	B0BDS3				32.00
299-W7-9	2/28/94	B0BDS4	1.76	5.86	3700.00	
299-W7-9	2/28/94	B0BDS8				10.30 U
299-W8-1	2/23/94	B0BDS9	.02 U	2.74	660.00	
299-W8-1	2/23/94	B0BDT3				49.00
299-W9-1	2/18/94	B0BDT4	1.11 U	6.10	1100.00	
299-W9-1	2/18/94	B0BDT8				47.00

Well Name	Collection Date	Sample Number	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.
299-W10-13	2/18/94	B0BDJ4	1.10 L		15000.00	
299-W10-13	2/18/94	B0BDJ8		1.20 L		15000.00
299-W10-14	2/18/94	B0BDJ9	.51 U		12000.00	
299-W10-14	2/18/94	B0BDK3		.51 U		13000.00
299-W10-19	2/18/94	B0BDK4	.51 U		21000.00	
299-W10-19	2/18/94	B0BDK8		5.40		21000.00
299-W10-20	2/18/94	B0B105	2.40 BL		24000.00	
299-W10-20	2/18/94	B0B109		.60 BL		23000.00
299-W10-21	2/22/94	B09ZM1	1.70 L		22000.00 Q	
299-W10-21	2/22/94	B09ZM5		.60 L		21000.00 Q
299-W6-2	2/07/94	B09ZK0	.98 BLQ		17000.00	
299-W6-2	2/07/94	B09ZK1	35.00 BQ		17000.00	
299-W6-2	2/07/94	B09ZK8		.51 U		17000.00
299-W6-2	2/07/94	B09ZK9		.51 U		17000.00
299-W7-1	2/22/94	B0BDL9	.51 U		15000.00 Q	
299-W7-1	2/22/94	B0BDM3		.51 U		15000.00 Q
299-W7-10	2/08/94	B09ZL0	2.50 L		13000.00 Q	
299-W7-10	2/08/94	B09ZL4		.97 L		13000.00 Q
299-W7-11	2/23/94	B0BDM9	.83 L		13000.00	
299-W7-11	2/23/94	B0BDN3		.51 U		12000.00
299-W7-12	2/23/94	B0BDN4	1.40 L		13000.00	
299-W7-12	2/23/94	B0BDN8		.51 U		12000.00
299-W7-2	2/22/94	B0BDN9	.51 U		13000.00 Q	
299-W7-2	2/22/94	B0BDP3		.51 U		13000.00 Q
299-W7-3	2/25/94	B0BDP4	.51 U		12000.00	
299-W7-3	2/25/94	B0BDP8		.51 U		12000.00
299-W7-4	2/23/94	B0BDP9	.51 U		18000.00	
299-W7-4	2/23/94	B0BDQ3		.51 U		19000.00
299-W7-5	2/23/94	B0BDQ8		.51 U		15000.00
299-W7-5	2/24/94	B0BDQ4	1.20 BL		15000.00	
299-W7-6	2/23/94	B0BDQ9	16.00		12000.00	
299-W7-6	2/23/94	B0BDR3		2.90 L		7500.00
299-W7-7	2/22/94	B0BDR4	1.70 L		11000.00 Q	
299-W7-7	2/22/94	B0BDR8		.51 U		10000.00 Q
299-W7-8	2/28/94	B0BDR9	1.50 BL		12000.00	

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Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 8 of 14)

Well Name	Collection Date	Sample Number	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.
299-W7-8	2/28/94	B0BDS3		.76 BL		12000.00
299-W7-9	2/28/94	B0BDS4	41.00 B		13000.00	
299-W7-9	2/28/94	B0BDS8		.51 U		13000.00
299-W8-1	2/23/94	B0BDS9	.51 U		15000.00	
299-W8-1	2/23/94	B0BDT3		.51 U		15000.00
299-W9-1	2/18/94	B0BDT4	3.00 L		17000.00	
299-W9-1	2/18/94	B0BDT8		1.80 L		17000.00

Well Name	Collection Date	Sample Number	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	MERCURY 41/ppb .095/2	FMERCUR 41/ppb .095/2
299-W10-13	2/18/94	B0BDJ4	12.00		.16 U	
299-W10-13	2/18/94	B0BDJ8		3.10 L		.16 U
299-W10-14	2/18/94	B0BDJ9	31.00		.16 U	
299-W10-14	2/18/94	B0BDK3		3.10 L		.16 U
299-W10-19	2/18/94	B0BDK4	7.20 L		.16 U	
299-W10-19	2/18/94	B0BDK8		1.90 L		.16 U
299-W10-20	2/18/94	B0B105	200.00		.16 U	
299-W10-20	2/18/94	B0B109		81.00		.16 U
299-W10-21	2/22/94	B09ZM1	30.00 Q		.16 U	
299-W10-21	2/22/94	B09ZM5		4.60 LQ		.16 U
299-W6-2	2/07/94	B09ZK0	5.00 L		.16 U	
299-W6-2	2/07/94	B09ZK1	4.30 L		.16 U	
299-W6-2	2/07/94	B09ZK8		1.35 U		.16 U
299-W6-2	2/07/94	B09ZK9		1.35 U		.16 U
299-W7-1	2/22/94	B0BDL9	15.00 Q		.16 U	
299-W7-1	2/22/94	B0BDM3		7.60 LQ		.37
299-W7-10	2/08/94	B09ZL0	7.80 L		.16 U	
299-W7-10	2/08/94	B09ZL4		2.00 L		.16 U
299-W7-11	2/23/94	B0BDM9	24.00		.16 U	
299-W7-11	2/23/94	B0BDN3		2.60 L		.16 U
299-W7-12	2/23/94	B0BDN4	73.00		.16 U	
299-W7-12	2/23/94	B0BDN8		5.70 L		.16 U
299-W7-2	2/22/94	B0BDN9	22.00 Q		.16 U	
299-W7-2	2/22/94	B0BDP3		4.20 LQ		.16 U
299-W7-3	2/25/94	B0BDP4	60.00		.16 U	
299-W7-3	2/25/94	B0BDP8		41.00		.16 U
299-W7-4	2/23/94	B0BDP9	8.80 L		.16 U	
299-W7-4	2/23/94	B0BDQ3		2.10 L		.16 U
299-W7-5	2/23/94	B0BDQ8		6.00 L		.16 U
299-W7-5	2/24/94	B0BDQ4	11.00		.16 U	
299-W7-6	2/23/94	B0BDQ9	210.00		.16 U	
299-W7-6	2/23/94	B0BDR3		8.60 L		.16 U
299-W7-7	2/22/94	B0BDR4	87.00 Q		.16 U	
299-W7-7	2/22/94	B0BDR8		4.30 LQ		.16 U
299-W7-8	2/28/94	B0BDR9	24.00		.16 U	
299-W7-8	2/28/94	B0BDS3		2.70 L		.16 U
299-W7-9	2/28/94	B0BDS4	86.00		.16 U	
299-W7-9	2/28/94	B0BDS8		4.50 L		.16 U

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Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 9 of 14)

Well Name	Collection Date	Sample Number	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	MERCURY 41/ppb .095/2	FMERCUR 41/ppb .095/2
299-W8-1	2/23/94	B0BDS9	14.00		.16 U	
299-W8-1	2/23/94	B0BDT3		2.90 L		.16 U
299-W9-1	2/18/94	B0BDT4	17.00		.16 U	
299-W9-1	2/18/94	B0BDT8		3.80 L		.21

Well Name	Collection Date	Sample Number	METHYCH 25/ppb .082/.	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000
299-W10-13	2/18/94	B0BDJ4	.06 UX	68.00		25000.00 D
299-W10-13	2/18/94	B0BDJ8			31.00	
299-W10-14	2/18/94	B0BDJ9	.06 UX	180.00		20000.00 D
299-W10-14	2/18/94	B0BDK3			17.90 U	
299-W10-19	2/18/94	B0BDK4	.06 UX	17.90 U		140000.00 D
299-W10-19	2/18/94	B0BDK8			17.90 U	
299-W10-20	2/18/94	B0B105	.73 BL	17.90 U		130000.00 D
299-W10-20	2/18/94	B0B109			17.90 U	
299-W10-21	2/22/94	B09ZM1	.06 UX	28.00 L		130000.00 D
299-W10-21	2/22/94	B09ZM5			17.90 U	
299-W6-2	2/07/94	B09ZK0	.06 U	32.00		61000.00 D
299-W6-2	2/07/94	B09ZK1	.06 U	33.00		61000.00 D
299-W6-2	2/07/94	B09ZK8			17.90 U	
299-W6-2	2/07/94	B09ZK9			17.90 U	
299-W7-1	2/22/94	B0BDL9	.06 UX	94.00		37000.00 D
299-W7-1	2/22/94	B0BDM3			52.00	
299-W7-10	2/08/94	B09ZL0	.06 U	35.00		20000.00 D
299-W7-10	2/08/94	B09ZL4			17.90 U	
299-W7-11	2/23/94	B0BDM9	.06 U	89.00		41000.00 D
299-W7-11	2/23/94	B0BDN3			17.90 U	
299-W7-12	2/23/94	B0BDN4	.06 U	77.00		23000.00 D
299-W7-12	2/23/94	B0BDN8			17.90 U	
299-W7-2	2/22/94	B0BDN9	.06 UX	82.00		23000.00 D
299-W7-2	2/22/94	B0BDP3			17.90 U	
299-W7-3	2/25/94	B0BDP4	.06 UHY	110.00		3600.00
299-W7-3	2/25/94	B0BDP8			17.90 U	
299-W7-4	2/23/94	B0BDP9	.06 U	53.00		98000.00 D
299-W7-4	2/23/94	B0BDQ3			17.90 U	
299-W7-5	2/23/94	B0BDQ8			17.90 U	
299-W7-5	2/24/94	B0BDQ4	.06 U	59.00		49000.00 D
299-W7-6	2/23/94	B0BDQ9	.06 U	160.00		3800.00
299-W7-6	2/23/94	B0BDR3			17.90 U	
299-W7-7	2/22/94	B0BDR4	.06 UX	91.00		17000.00 D
299-W7-7	2/22/94	B0BDR8			17.90 U	
299-W7-8	2/28/94	B0BDR9	.14 L	120.00		26000.00 D
299-W7-8	2/28/94	B0BDS3			17.90 U	
299-W7-9	2/28/94	B0BDS4	.06 U	290.00		27000.00 D
299-W7-9	2/28/94	B0BDS8			17.90 U	
299-W8-1	2/23/94	B0BDS9	.06 U	64.00		26000.00 D
299-W8-1	2/23/94	B0BDT3			17.90 U	
299-W9-1	2/18/94	B0BDT4	.06 UX	79.00		35000.00 D
299-W9-1	2/18/94	B0BDT8			57.00	

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Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 10 of 14)

Well Name	Collection Date	Sample Number	NITRITE 124/ppb 110/1000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.	RADIUM 137/pCi/L ./5i
299-W10-13	2/18/94	B0BDJ4	38.30 U	3700.00		.07 U
299-W10-13	2/18/94	B0BDJ8			4100.00	
299-W10-14	2/18/94	B0BDJ9	38.30 U	4700.00		.19
299-W10-14	2/18/94	B0BDK3			4500.00	
299-W10-19	2/18/94	B0BDK4	38.30 U	4500.00		.35
299-W10-19	2/18/94	B0BDK8			4500.00	
299-W10-20	2/18/94	B0B105	1000.00 F	5500.00		1.20
299-W10-20	2/18/94	B0B109			5400.00	
299-W10-21	2/22/94	B09ZM1	38.30 U	4000.00 Q		.74
299-W10-21	2/22/94	B09ZM5			3900.00 Q	
299-W6-2	2/07/94	B09ZK0	38.30 U	3500.00		.06 U
299-W6-2	2/07/94	B09ZK1	38.30 U	3000.00		.08 U
299-W6-2	2/07/94	B09ZK8			3200.00	
299-W6-2	2/07/94	B09ZK9			3300.00	
299-W7-1	2/22/94	B0BDL9	38.30 U	3900.00 Q		1.39
299-W7-1	2/22/94	B0BDM3			4300.00 Q	
299-W7-10	2/08/94	B09ZL0	38.30 U	3000.00		.20
299-W7-10	2/08/94	B09ZL4			2900.00	
299-W7-11	2/23/94	B0BDM9	38.30 U	3400.00		.07 U
299-W7-11	2/23/94	B0BDN3			3200.00	
299-W7-12	2/23/94	B0BDN4	38.30 U	3900.00		.45
299-W7-12	2/23/94	B0BDN8			3600.00	
299-W7-2	2/22/94	B0BDN9	38.30 U	2400.00 Q		.27
299-W7-2	2/22/94	B0BDP3			2600.00 Q	
299-W7-3	2/25/94	B0BDP4	38.30 U	4700.00		.08 U
299-W7-3	2/25/94	B0BDP8			4800.00	
299-W7-4	2/23/94	B0BDP9	38.30 U	3400.00		.02 U
299-W7-4	2/23/94	B0BDQ3			3700.00	
299-W7-5	2/23/94	B0BDQ8			3100.00	
299-W7-5	2/24/94	B0BDQ4	38.30 U	3400.00		.03 U
299-W7-6	2/23/94	B0BDQ9	38.30 U	3800.00		2.43
299-W7-6	2/23/94	B0BDR3			2900.00	
299-W7-7	2/22/94	B0BDR4	38.30 U	3300.00 Q		.82
299-W7-7	2/22/94	B0BDR8			3000.00 Q	
299-W7-8	2/28/94	B0BDR9	38.30 U	3400.00		.07 U
299-W7-8	2/28/94	B0BDS3			3500.00	
299-W7-9	2/28/94	B0BDS4	38.30 U	4700.00		.26
299-W7-9	2/28/94	B0BDS8			4800.00	
299-W8-1	2/23/94	B0BDS9	38.30 U	3800.00		.10 U
299-W8-1	2/23/94	B0BDT3			3700.00	
299-W9-1	2/18/94	B0BDT4	38.30 U	4300.00		.20
299-W9-1	2/18/94	B0BDT8			4400.00	

Well Name	Collection Date	Sample Number	SELENUM 48/ppb 1.4/10i	FSELENI 48/ppb 1.4/10i	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.
299-W10-13	2/18/94	B0BDJ4			12000.00	
299-W10-13	2/18/94	B0BDJ8				11000.00
299-W10-14	2/18/94	B0BDJ9			15000.00	
299-W10-14	2/18/94	B0BDK3				16000.00
299-W10-19	2/18/94	B0BDK4			13000.00	
299-W10-19	2/18/94	B0BDK8				13000.00
299-W10-20	2/18/94	B0B105	1.21 U		14000.00	

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Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 11 of 14)

Well Name	Collection Date	Sample Number	SELENUM 48/ppb 1.4/10i	FSELENI 48/ppb 1.4/10i	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.
299-W10-20	2/18/94	B0B109		2.00 L		14000.00
299-W10-21	2/22/94	B09ZM1	3.20 L		8700.00 BQ	
299-W10-21	2/22/94	B09ZM5		2.90 L		8700.00 BQ
299-W6-2	2/07/94	B09ZK0	1.21 U		10000.00	
299-W6-2	2/07/94	B09ZK1	1.21 U		10000.00	
299-W6-2	2/07/94	B09ZK8		1.21 U		10000.00
299-W6-2	2/07/94	B09ZK9		1.21 U		10000.00
299-W7-1	2/22/94	B0BDL9			9100.00 BQ	
299-W7-1	2/22/94	B0BDM3				9100.00 BQ
299-W7-10	2/08/94	B09ZL0	2.00 L		8100.00 BQ	
299-W7-10	2/08/94	B09ZL4		1.21 U		8300.00 BQ
299-W7-11	2/23/94	B0BDM9			10000.00	
299-W7-11	2/23/94	B0BDN3				9700.00
299-W7-12	2/23/94	B0BDN4			9100.00	
299-W7-12	2/23/94	B0BDN8				8700.00
299-W7-2	2/22/94	B0BDN9			8000.00 BQ	
299-W7-2	2/22/94	B0BDP3				8100.00 BQ
299-W7-3	2/25/94	B0BDP4			16000.00	
299-W7-3	2/25/94	B0BDP8				15000.00
299-W7-4	2/23/94	B0BDP9			9300.00	
299-W7-4	2/23/94	B0BDQ3				9500.00
299-W7-5	2/23/94	B0BDQ8				9600.00 B
299-W7-5	2/24/94	B0BDQ4			9600.00 B	
299-W7-6	2/23/94	B0BDQ9			25000.00	
299-W7-6	2/23/94	B0BDR3				24000.00
299-W7-7	2/22/94	B0BDR4			8000.00 BQ	
299-W7-7	2/22/94	B0BDR8				8100.00 BQ
299-W7-8	2/28/94	B0BDR9			8300.00	
299-W7-8	2/28/94	B0BDS3				8600.00
299-W7-9	2/28/94	B0BDS4			17000.00	
299-W7-9	2/28/94	B0BDS8				17000.00
299-W8-1	2/23/94	B0BDS9			9500.00	
299-W8-1	2/23/94	B0BDT3				9500.00
299-W9-1	2/18/94	B0BDT4			11000.00	
299-W9-1	2/18/94	B0BDT8				11000.00

Well Name	Collection Date	Sample Number	SULFATE 124/ppb 89/250000s	PERCENE 25/ppb .08/5	TIN 34/ppb 24/.	FTIN 34/ppb 24/.
299-W10-13	2/18/94	B0BDJ4	29000.00 D	.06 L	51.10 U	
299-W10-13	2/18/94	B0BDJ8				51.10 U
299-W10-14	2/18/94	B0BDJ9	24000.00 D	.05 U	51.10 U	
299-W10-14	2/18/94	B0BDK3				51.10 U
299-W10-19	2/18/94	B0BDK4	40000.00 D	.63	51.10 U	
299-W10-19	2/18/94	B0BDK8				51.10 U
299-W10-20	2/18/94	B0B105	42000.00 D	.46 L	51.10 U	
299-W10-20	2/18/94	B0B109				51.10 U
299-W10-21	2/22/94	B09ZM1	35000.00 DQ	.13 L	51.10 U	
299-W10-21	2/22/94	B09ZM5				51.10 U
299-W6-2	2/07/94	B09ZK0	26000.00 D	.08 LQ	51.10 U	
299-W6-2	2/07/94	B09ZK1	26000.00 D	.05 UQ	51.10 U	
299-W6-2	2/07/94	B09ZK8				51.10 U
299-W6-2	2/07/94	B09ZK9				51.10 U

Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 12 of 14)

Well Name	Collection Date	Sample Number	SULFATE 124/ppb 89/250000s	PERCENE 25/ppb .08/5	TIN 34/ppb 24/.	FTIN 34/ppb 24/.
299-W7-1	2/22/94	B0BDL9	49000.00 DQ	.05 U	51.10 U	
299-W7-1	2/22/94	B0BDM3				51.10 U
299-W7-10	2/08/94	B09ZL0	22000.00 D	.05 U	51.10 U	
299-W7-10	2/08/94	B09ZL4				51.10 U
299-W7-11	2/23/94	B0BDM9	30000.00 DQ	.05 U	51.10 U	
299-W7-11	2/23/94	B0BDN3				51.10 U
299-W7-12	2/23/94	B0BDN4	29000.00 DQ	.05 U	51.10 U	
299-W7-12	2/23/94	B0BDN8				51.10 U
299-W7-2	2/22/94	B0BDN9	26000.00 DQ	.05 U	51.10 U	
299-W7-2	2/22/94	B0BDP3				51.10 U
299-W7-3	2/25/94	B0BDP4	22000.00 D	.05 UHY	51.10 U	
299-W7-3	2/25/94	B0BDP8				51.10 U
299-W7-4	2/23/94	B0BDP9	32000.00 DQ	.41 L	51.10 U	
299-W7-4	2/23/94	B0BDQ3				51.10 U
299-W7-5	2/23/94	B0BDQ8				51.10 U
299-W7-5	2/24/94	B0BDQ4	27000.00 D	.05 U	51.10 U	
299-W7-6	2/23/94	B0BDQ9	23000.00 DQ	.05 U	51.10 U	
299-W7-6	2/23/94	B0BDR3				51.10 U
299-W7-7	2/22/94	B0BDR4	18000.00 DQ	.05 U	51.10 U	
299-W7-7	2/22/94	B0BDR8				51.10 U
299-W7-8	2/28/94	B0BDR9	20000.00 D	.05 U	35.00 BL	
299-W7-8	2/28/94	B0BDS3				25.00 BL
299-W7-9	2/28/94	B0BDS4	45000.00 D	.05 U	79.00 BL	
299-W7-9	2/28/94	B0BDS8				51.10 U
299-W8-1	2/23/94	B0BDS9	43000.00 DQ	.05 U	51.10 U	
299-W8-1	2/23/94	B0BDT3				51.10 U
299-W9-1	2/18/94	B0BDT4	64000.00 D	.05 U	51.10 U	
299-W9-1	2/18/94	B0BDT8				51.10 U

Well Name	Collection Date	Sample Number	TOLUENE 25/ppb .077/1000	TRICENE 25/ppb .043/5	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.
299-W10-13	2/18/94	B0BDJ4	.06 U	.07 U	277.00	3.00
299-W10-14	2/18/94	B0BDJ9	.06 U	.07 U	-39.00 U	2.00
299-W10-19	2/18/94	B0BDK4	.18 L	4.90	1240.00	2.40
299-W10-20	2/18/94	B0B105	.06 U	5.30 B	2100.00	82.00
299-W10-21	2/22/94	B09ZM1	.06 U	6.90	1130.00	21.00 Q
299-W6-2	2/07/94	B09ZK0	.06 U	1.80 Q	9950.00	2.10 Q
299-W6-2	2/07/94	B09ZK1	.06 U	3.10 Q	9840.00	1.50 Q
299-W7-1	2/22/94	B0BDL9	.06 U	.07 U	9.27 U	1.00 Q
299-W7-10	2/08/94	B09ZL0	.06 U	.10 L	454.00	1.70
299-W7-11	2/23/94	B0BDM9	.06 U	.07 U	-15.80 U	6.50 Q
299-W7-12	2/23/94	B0BDN4	.06 U	.07 U	-6.49 U	17.00 Q
299-W7-2	2/22/94	B0BDN9	.06 U	.07 U	.93 U	1.90 Q
299-W7-3	2/25/94	B0BDP4	.06 UHY	.07 UHY	26.80 U	2.60
299-W7-4	2/23/94	B0BDP9	.06 U	3.30	594.00	.60 Q
299-W7-5	2/24/94	B0BDQ4	.06 U	.35 L	90.50 U	1.30
299-W7-6	2/23/94	B0BDQ9	.06 U	.07 U	436.00	340.00 Q
299-W7-7	2/22/94	B0BDR4	.06 U	.07 U	156.00 U	21.00 Q
299-W7-8	2/28/94	B0BDR9	.06 U	.16 L	381.00	2.50
299-W7-9	2/28/94	B0BDS4	.06 U	.07 U	-27.70 U	6.10
299-W8-1	2/23/94	B0BDS9	.06 U	.07 U	45.40 U	2.10 Q
299-W9-1	2/18/94	B0BDT4	.06 U	.07 U	-17.60 U	8.80

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Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 13 of 14)

Well Name	Collection Date	Sample Number	URANIUM 145/ppb ./.	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	XYLENE 25/ppb .2/10000
299-W10-13	2/18/94	B0BDJ4	1.66	26.00 L		.20 U
299-W10-13	2/18/94	B0BDJ8			28.00 L	
299-W10-14	2/18/94	B0BDJ9	.79	39.00		.20 U
299-W10-14	2/18/94	B0BDK3			37.00	
299-W10-19	2/18/94	B0BDK4	1.88	17.00 L		.87 L
299-W10-19	2/18/94	B0BDK8			14.00 L	
299-W10-20	2/18/94	B0B105		21.00 L		.20 U
299-W10-20	2/18/94	B0B109			12.00 L	
299-W10-21	2/22/94	B09ZM1		22.00 L		.20 U
299-W10-21	2/22/94	B09ZM5			18.00 L	
299-W6-2	2/07/94	B09ZK0	1.81	32.00		.20 U
299-W6-2	2/07/94	B09ZK1	2.03	30.00		.20 U
299-W6-2	2/07/94	B09ZK8			29.00 L	
299-W6-2	2/07/94	B09ZK9			30.00	
299-W7-1	2/22/94	B0BDL9	.68	28.00 L		.20 U
299-W7-1	2/22/94	B0BDM3			29.00 L	
299-W7-10	2/08/94	B09ZL0	1.49	28.00 L		.20 U
299-W7-10	2/08/94	B09ZL4			25.00 L	
299-W7-11	2/23/94	B0BDM9	.93	30.00		.20 U
299-W7-11	2/23/94	B0BDN3			27.00 L	
299-W7-12	2/23/94	B0BDN4	1.02	26.00 L		.20 U
299-W7-12	2/23/94	B0BDN8			20.00 L	
299-W7-2	2/22/94	B0BDN9	.74	30.00		.20 U
299-W7-2	2/22/94	B0BDP3			30.00	
299-W7-3	2/25/94	B0BDP4	1.04	25.00 L		.20 UHY
299-W7-3	2/25/94	B0BDP8			23.00 L	
299-W7-4	2/23/94	B0BDP9	1.43	22.00 L		.20 U
299-W7-4	2/23/94	B0BDQ3			21.00 L	
299-W7-5	2/23/94	B0BDQ8			26.00 L	
299-W7-5	2/24/94	B0BDQ4	1.44	26.00 L		.20 U
299-W7-6	2/23/94	B0BDQ9	5.76	30.00		.20 U
299-W7-6	2/23/94	B0BDR3			17.00 L	
299-W7-7	2/22/94	B0BDR4	.86	35.00		.20 U
299-W7-7	2/22/94	B0BDR8			26.00 L	
299-W7-8	2/28/94	B0BDR9	.99	28.00 L		.20 U
299-W7-8	2/28/94	B0BDS3			32.00	
299-W7-9	2/28/94	B0BDS4	1.51	11.00 L		.20 U
299-W7-9	2/28/94	B0BDS8			7.30 L	
299-W8-1	2/23/94	B0BDS9	.67	29.00 L		.20 U
299-W8-1	2/23/94	B0BDT3			29.00 L	
299-W9-1	2/18/94	B0BDT4	.74	23.00 L		.20 U
299-W9-1	2/18/94	B0BDT8			21.00 L	

Well Name	Collection Date	Sample Number	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-W10-13	2/18/94	B0BDJ4	15.00 B	
299-W10-13	2/18/94	B0BDJ8		5.10 BL
299-W10-14	2/18/94	B0BDJ9	6.00 BL	
299-W10-14	2/18/94	B0BDK3		7.50 BL
299-W10-19	2/18/94	B0BDK4	16.00 B	
299-W10-19	2/18/94	B0BDK8		14.00 B
299-W10-20	2/18/94	B0B105	37.00 B	
299-W10-20	2/18/94	B0B109		26.00 B

Table 14-19. Constituents with at Least One Detected Value for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 14 of 14)

Well Name	Collection Date	Sample Number	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-W10-21	2/22/94	B09ZM1	45.00 B	
299-W10-21	2/22/94	B09ZM5		38.00 B
299-W6-2	2/07/94	B09ZK0	4.60 BL	
299-W6-2	2/07/94	B09ZK1	6.50 BL	
299-W6-2	2/07/94	B09ZK8		4.40 BL
299-W6-2	2/07/94	B09ZK9		5.10 BL
299-W7-1	2/22/94	B0BDL9	5.70 BL	
299-W7-1	2/22/94	B0BDM3		31.00 B
299-W7-10	2/08/94	B09ZL0	12.00 BQ	
299-W7-10	2/08/94	B09ZL4		10.00 BQ
299-W7-11	2/23/94	B0BDM9	7.20 BL	
299-W7-11	2/23/94	B0BDN3		4.10 BL
299-W7-12	2/23/94	B0BDN4	12.00 B	
299-W7-12	2/23/94	B0BDN8		4.50 BL
299-W7-2	2/22/94	B0BDN9	10.00 B	
299-W7-2	2/22/94	B0BDP3		5.20 BL
299-W7-3	2/25/94	B0BDP4	13.00	
299-W7-3	2/25/94	B0BDP8		4.80 L
299-W7-4	2/23/94	B0BDP9	5.10 BL	
299-W7-4	2/23/94	B0BDQ3		11.00 B
299-W7-5	2/23/94	B0BDQ8		8.60 L
299-W7-5	2/24/94	B0BDQ4	8.90 BL	
299-W7-6	2/23/94	B0BDQ9	1100.00 B	
299-W7-6	2/23/94	B0BDR3		13.00 B
299-W7-7	2/22/94	B0BDR4	16.00 B	
299-W7-7	2/22/94	B0BDR8		5.80 BL
299-W7-8	2/28/94	B0BDR9	7.50 L	
299-W7-8	2/28/94	B0BDS3		5.60 L
299-W7-9	2/28/94	B0BDS4	200.00	
299-W7-9	2/28/94	B0BDS8		3.44 U
299-W8-1	2/23/94	B0BDS9	8.00 BL	
299-W8-1	2/23/94	B0BDT3		4.10 BL
299-W9-1	2/18/94	B0BDT4	12.00 B	
299-W9-1	2/18/94	B0BDT8		5.00 BL

For explanation of this table, see Section 1.4 of report.

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Table 14-20. Contamination Indicator Parameters for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-W10-13	11/30/93	B09LF2						14.8
	2/18/94	B0BDJ4	390		8.21		300 L	
		B0BDJ5	387		8.20		300 L	
		B0BDJ6	387		8.19		200 L	
		B0BDJ7	385		8.18		200 L	
299-W10-14	12/01/93	B09LF3						5.0 U
	2/18/94	B0BDJ9	343		7.73		200 U	
		B0BDK0	343		7.71		200 L	
		B0BDK1	344		7.71		200 U	5.0 U
		B0BDK2	342		7.72		200 U	5.0 U
299-W10-19	12/02/93	B09LF4						737.0
	2/18/94	B0BDK4	567		7.97		300 L	
		B0BDK5	562		7.93		300 L	
		B0BDK6	559		7.91		300 L	
		B0BDK7	560		7.90		300 L	
299-W10-20	2/18/94	B0B105	593		7.76		600 L	717.0
		B0B106	585		7.71		600 L	609.0
		B0B107	587		7.71		700 L	832.0
		B0B108	587		7.69		600 L	957.0
299-W10-21	12/15/93	B09P34	532		6.92 F		600 L	205.0 F
		B09P35	540		6.93 F		500 L	402.0
		B09P36	537		6.95 F		600 L	366.0
		B09P37	537		6.96 F		600 L	5.0 UF
	2/22/94	B09ZM1	529		7.59		400 L	462.0
		B09ZM2	525		7.59		400 L	393.0
		B09ZM3	530		7.61		400 L	358.0
		B09ZM4	530		7.62		400 L	389.0
299-W6-2	12/07/93	B09KQ5	403		7.83		400 L	
		B09LF5						104.0
	2/07/94	B09ZK0	405		7.81		200 L	115.0
		B09ZK1	396		7.84		200 L	
		B09ZK2	393		7.84		200 L	
		B09ZK3	393		7.84		300 L	
		B09ZK4					200 L	
		B09ZK5					300 L	
		B09ZK6					200 LQ	
		B09ZK7					300 LQ	
299-W7-1	12/06/93	B09LF6						5.0 U
	2/22/94	B0BDL9	398		7.86		200 L	5.0 U
		B0BDM0	398		7.84		200 U	5.0 U
		B0BDM1	397		7.83		200 U	5.0 U
		B0BDM2	397		7.83		200 U	5.0 U
299-W7-10	12/20/93	B09P42	298		8.28			8.6
	2/08/94	B09ZL0	334		8.10		300 L	6.6
		B09ZL1	331		8.11		300 L	7.0
		B09ZL2	326		8.14		300 L	7.1
		B09ZL3	326		8.09		300 L	6.4
299-W7-11	12/06/93	B09LF8						5.0 U
		B09LF9						5.0 U
	2/23/94	B0BDM9	350		7.84		300 L	5.0 U
		B0BDN0	349		7.84		300 L	5.0 U
		B0BDN1	349		7.84		300 L	5.0 U
		B0BDN2	349		7.86		300 L	5.0 U

Table 14-20. Contamination Indicator Parameters for the LLWMA-3 Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-W7-12	12/03/93	B09LG0						5.0 U
	2/23/94	B0BDN4	390		7.19		300 L	5.0 U
		B0BDN5	393		7.22		300 L	5.0 U
		B0BDN6	393		7.26		300 L	5.0 U
		B0BDN7	392		7.26		300 LB	5.0 U
299-W7-2	12/06/93	B09LG1						5.0 U
	2/22/94	B0BDN9	278		8.15		200 U	5.0 U
		B0BDP0	279		8.12		200 L	5.0 U
		B0BDP1	279		8.10		200 U	5.0 U
		B0BDP2	280		8.08		400 L	5.0 U
299-W7-3	12/07/93	B09KR9	318		8.11		200 U	
		B09LG2						5.0 U
	2/25/94	B0BDP4	305		7.89		200 L	5.7
		B0BDP5	305		7.88		200 L	5.0 U
		B0BDP6	304		7.86		300 L	5.0 U
		B0BDP7	304		7.85		300 L	5.0 U
299-W7-4	12/03/93	B09LG3						364.0
	2/23/94	B0BDP9	486		7.93		400 L	310.0
		B0BDQ0	486		7.92		400 L	388.0
		B0BDQ1	489		7.91		500 L	389.0
		B0BDQ2	491		7.91		400 L	385.0
299-W7-5	12/06/93	B09LG4						88.6
	2/23/94	B0BDQ5	393		6.56		200 U	27.1
		B0BDQ6	395		6.58		200 U	34.2
		B0BDQ7	399		6.60		200 U	15.1
	2/24/94	B0BDQ4	393		6.54		200 U	22.6
299-W7-6	12/03/93	B09LG5						5.0 U
	2/23/94	B0BDQ9	274		8.43		400 L	5.0 U
		B0BDR0	272		8.45		500 L	10.0
		B0BDR1	272		8.45		400 L	5.0 U
		B0BDR2	270		8.45		500 L	5.0 U
299-W7-7	12/20/93	B09P43	288		7.99			5.0 U
	2/22/94	B0BDR4	270		7.08		200 L	5.0 U
		B0BDR5	270		7.11		200 L	5.0 U
		B0BDR6	271		7.13		300 L	5.0 U
		B0BDR7	271		7.15		200 L	5.0 U
299-W7-8	12/03/93	B09LG7						8.0
	2/28/94	B0BDR9	298		8.00		330 L	7.0
		B0BDS0	298		8.00		200 U	8.2
		B0BDS1	297		7.98		340 L	5.5
		B0BDS2	298		7.97		400 L	10.1
299-W7-9	12/03/93	B09LG8						5.0 U
	2/28/94	B0BDS4	404		8.10		200 U	5.0 U
		B0BDS5	403		8.11		400 L	58.5
		B0BDS6	403		8.11		320 L	17.5
		B0BDS7	402		8.11		350 L	5.0 U
299-W8-1	12/03/93	B09LG9						5.8
	2/23/94	B0BDS9	397		8.04		400 LB	
		B0BDT0	395		8.05		300 LB	5.6
		B0BDT1	395		8.04		300 LB	6.0
		B0BDT2	395		8.05		300 LB	
299-W9-1	12/02/93	B09LH0						25.6
	2/18/94	B0BDT4	418		8.05		300 L	
		B0BDT5	413		8.03		200 U	
		B0BDT6	417		8.02		200 U	5.0 U
		B0BDT7	415		8.00		200 U	5.0 U

For explanation of this table, see Section 1.4 of report.

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Table 14-21. Constituent List and Summary of Results for the LLWMA-4 Data for Reporting Period January 1 through March 31, 1994.

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT		Conductivity, field	µmho	1			12	12	
TOX		Total Organic Halogen	ppb	5			45	41	
PH		pH, field	pH	.01	6.5-8.5	EPAS	12	12	0

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.58	200	EPA	1	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.16			1	0	
1,1-DIC		1,1-Dichloroethane	ppb	.082			1	0	
1,2-DIC		1,2-Dichloroethane	ppb	.15	5	EPA	1	0	0
12-DCE		1,2-Dichloroethene	ppb	.21			1	0	
14-dben		1,4-Dichlorobenzene	ppb	.37	75	EPA	1	0	0
1BUTYN		1-Butanol	ppm	170			1	0	
MIBK		4-Methyl-2-pentanone	ppb	18			1	0	
ACETONE		Acetone	ppb	21			1	0	
BENZENE		Benzene	ppb	.11	5	EPA	1	0	0
TETRANE		Carbon tetrachloride	ppb	1.1	5	EPA	1	1	1
CHLFORM		Chloroform	ppb	.17			1	1	
METHONE		Methyl ethyl ketone	ppb	20			1	0	
METHYCH		Methylene chloride	ppb	.077			1	0	
PERCENE		Tetrachloroethene	ppb	.13	5	EPA	1	0	0
TAF		Tetrahydrofuran	ppb	2.8			1	0	
TOLUENE		Toluene	ppb	.12	1000	EPA	1	0	0
TRICENE		Trichloroethene	ppb	.11	5	EPA	1	0	0
VINYIDE		Vinyl chloride	ppb	.14	2	EPA	1	0	1
XYLENE		Xylenes (total)	ppb	.17	10000	EPA	1	0	0

For explanation of this table, see Section 1.4 of report.

Table 14-22. Constituents with at Least One Detected Value for the LLWMA-4 Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	TETRANE 16/ppb 1.1/5	CHLFORM 16/ppb .17/.
299-W18-23	3/24/92	B064D1	500.00 XDD	5.20 XDJD

For explanation of this table, see Section 1.4 of report.

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Table 14-23. Contamination Indicator Parameters for the LLWMA-4 Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-W15-19	12/20/93	B09P44	493		7.85			818.0
		B09P45	473		7.89			797.0
		B09P46	464		7.93			955.0
		B09P47	464		7.95			1120.0
299-W15-24	11/29/93	B09LV3						261.0
		B09LV4						177.0
		B09LV5						175.0
		B09LV6						134.0
299-W18-22	11/30/93	B09LW1						5.0 U
		B09LW2						5.0 U
		B09LW3						5.0 U
		B09LW4						5.0 U
299-W18-23	11/22/93	B09LW5						446.0
		B09LW6						279.0
		B09LW7						344.0
		B09LW8						308.0
299-W18-24	11/29/93	B09LW9						296.0
		B09LX0						355.0
		B09LX1						404.0
		B09LX2						393.0
299-W18-26	11/29/93	B09LX3						64.5
		B09LX4						70.0
		B09LX5						72.4
		B09LX6						74.9
299-W18-27	11/30/93	B09LX7						268.0
		B09LX8						268.0
		B09LX9						263.0
		B09LY0						253.0
299-W18-28	11/29/93	B09LY1						82.5
		B09LY2						61.2
		B09LY3						79.1
		B09LY4						82.3
299-W18-29	11/29/93	B09LY5						52.7
		B09LY6						53.6
		B09LY7						57.3
	12/28/93	B09PK5	217		8.40			46.1
		B09PK6	216		8.41			26.0
		B09PK7	215		8.42			44.2
		B09PK8	215		8.42			43.3
299-W18-32	11/29/93	B09LZ0						19.1
		B09LZ1						30.4
	12/28/93	B09PK9	238		8.17			27.3
		B09PL0	237		8.17			27.6
		B09PL1	237		8.17			22.9
		B09PL2	236		8.16			44.2

For explanation of this table, see Section 1.4 of report.

Table 14-24. Constituent List and Summary of Results for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 3)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT		Conductivity, field	µmho	1			53	53	
TOC		Total Organic Carbon	ppb	320			61	11	
TOX		Total Organic Halogen	ppb	5			46	36	
PH		pH, field	pH	.01	6.5-8.5	EPAS	53	53	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
2,4,5TP		2,4,5-TP	ppb	.015	50	EPA	3	0	0
2,4-D		2,4-D	ppb	.052	100	EPAI	3	0	0
ARSENIC		Arsenic	ppb	.64	50	EPA	3	1	0
FARSENIC		Arsenic, filtered	ppb	.64	50	EPA	3	2	0
BARIUM		Barium	ppb	1.3	1000	EPAI	15	15	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	15	15	0
CADMIUM		Cadmium	ppb	3	10	EPAI	15	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	15	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	15	15	13
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	15	12	3
ENDRIN		Endrin	ppb	.0042	.2	EPA	3	0	0
FLUORID		Fluoride	ppb	51	1400	EPAI	15	15	1
ALPHA		Gross alpha	pCi/L		15	EPA	15	15	0
MERCURY		Mercury	ppb	.095	2	EPA	15	0	0
FMERCUR		Mercury, filtered	ppb	.095	2	EPA	15	1	0
METHLOR		Methoxychlor	ppb	.022	100	EPAI	3	0	0
NITRATE		Nitrate	ppb	96	45000	EPA	15	15	11
RADIUM		Radium	pCi/L		5	EPAI	15	9	0
SELENUM		Selenium	ppb	1.4	10	EPAI	3	1	0
FSELENI		Selenium, filtered	ppb	1.4	10	EPAI	3	0	0
TOXAENE		Toxaphene	ppb	.7	5	EPAI	3	0	0
g-BHC		gamma-BHC (Lindane)	ppb	.0015	4	EPAI	3	0	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	15	15	0
IRON		Iron	ppb	18	300	EPAS	15	15	11
FIRON		Iron, filtered	ppb	18	300	EPAS	15	13	1
MANGESE		Manganese	ppb	1	50	EPAS	15	15	3
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	15	11	1
LPHENOL	19	Phenol	ppb	.5			15	0	
LPHENOL	30	Phenol	ppb	.57			15	0	
SODIUM		Sodium	ppb	150			15	15	
FSODIUM		Sodium, filtered	ppb	150			15	15	
SULFATE		Sulfate	ppb	89	250000	EPAS	15	15	0

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Table 14-24. Constituent List and Summary of Results for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 3)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.22	200	EPA	15	1	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.062			15	0	
1,1-DIC		1,1-Dichloroethane	ppb	.08			15	0	
1,2-DIC		1,2-Dichloroethane	ppb	.055	5	EPA	15	0	0
14-dben		1,4-Dichlorobenzene	ppb	.107	75	EPA	15	1	0
2,4,5-T		2,4,5-T	ppb	.018			3	0	
246-trp		2,4,6-Trichlorophenol	ppb	1.6			15	0	
24-dchp	19	2,4-Dichlorophenol	ppb	1.3			15	0	
24-dchp	30	2,4-Dichlorophenol	ppb	1.5			15	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			15	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			15	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			15	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			15	0	
2METHPH		2-Methylphenol	ppb	1.9			15	0	
2NITPH	19	2-Nitrophenol	ppb	1.6			15	0	
2NITPH	30	2-Nitrophenol	ppb	1.7			15	0	
BUTDINP	30	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			15	0	
BUTDINP	49	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	.24			3	0	
DDD		4,4'-DDD	ppb	.0039			3	0	
DDE		4,4'-DDE	ppb	.0015			3	0	
DDT		4,4'-DDT	ppb	.0012			3	0	
46DN2MP		4,6-Dinitro-2-methylphenol	ppb	1.6			15	0	
CHLCRES		4-Chloro-3-methylphenol	ppb	1.5			15	0	
4METHPH		4-Methylphenol	ppb	1.3			15	0	
NITPHEN		4-Nitrophenol	ppb	1.4			15	0	
ALDRIN		Aldrin	ppb	.0018			3	0	
a-BHC		Alpha-BHC	ppb	.003			3	0	
ALUMNUM		Aluminum	ppb	19			15	9	
FALUMIN		Aluminum, filtered	ppb	19			15	1	
ANTIONY		Antimony	ppb	26			15	0	
FANTIMO		Antimony, filtered	ppb	26			15	0	
BENZENE		Benzene	ppb	.24	5	EPA	15	1	0
BENZOTH		Benzothiazole	ppb	1.9			15	0	
BERYLUM		Beryllium	ppb	1.5			15	0	
FBERYLL		Beryllium, filtered	ppb	1.5			15	0	
b-BHC		Beta-BHC	ppb	.0013			3	0	
BIS2EPH		Bis(2-ethylhexyl) phthalate	ppb	1.1			15	0	
BROMIDE		Bromide	ppb	110			15	0	
CALCIUM		Calcium	ppb	47			15	15	
FCALCIU		Calcium, filtered	ppb	47			15	15	
TETRANE		Carbon tetrachloride	ppb	.32	5	EPA	15	14	11
CHLOANE		Chlordane	ppb	.042	2	EPA	3	0	0
CHLFORM		Chloroform	ppb	.05			15	14	
COBALT		Cobalt	ppb	6.5			15	0	
FCOBALT		Cobalt, filtered	ppb	6.5			15	0	
COLIFORM		Coliforms	COL	1	1	EPAI	3	0	0
COPPER		Copper	ppb	2.6	1000	EPAS	15	9	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	15	3	0
CRESOLS		Cresols (methylphenols)	ppb	4.8			15	0	
CYANIDE		Cyanide	ppb	.94			15	4	

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Table 14-24. Constituent List and Summary of Results for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 3)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
DECANE		Decane	ppb	2.9			15	0	
d-BHC		Delta-BHC	ppb	.0018			3	0	
DIELRIN		Dieldrin	ppb	.0021			3	0	
DODECAN		Dodecane	ppb	2.4			15	0	
ENDO1		Endosulfan I	ppb	.0018			3	0	
ENDO2		Endosulfan II	ppb	.0012			3	0	
ENDSFAN		Endosulfan sulfate	ppb	.0018			3	0	
ENDRALD		Endrin Aldehyde	ppb	.0039			3	0	
ETHBENZ		Ethylbenzene	ppb	.043	700	EPA	15	3	0
BETA		Gross beta	pCi/L				15	15	
HEPTLOR		Heptachlor	ppb	.0015	.4	EPA	3	0	0
HEPTIDE		Heptachlor epoxide	ppb	.0012	.2	EPA	3	0	0
LEAD		Lead	ppb	.86	50	EPAI	15	12	0
FLEAD		Lead, filtered	ppb	.86	50	EPAI	15	3	0
MAGNES		Magnesium	ppb	25			15	15	
FMAGNES		Magnesium, filtered	ppb	25			15	15	
METHYCH		Methylene chloride	ppb	.082			15	1	
NAPHTHA		Naphthalene	ppb	1.2			15	0	
NICKEL		Nickel	ppb	16			15	12	
FNICKEL		Nickel, filtered	ppb	16			15	0	
NITRITE		Nitrite	ppb	110	1000	EPA	15	0	0
PENTCHP	19	Pentachlorophenol	ppb	1.7	1	EPA	15	0	15*
PENTCHP	30	Pentachlorophenol	ppb	1.7	1	EPA	15	0	1*
PHOSPHA		Phosphate	ppb	470			15	0	
POTASUM		Potassium	ppb	890			15	15	
FPOTASS		Potassium, filtered	ppb	890			15	15	
SILVER		Silver	ppb	3.4	50	EPAI	15	0	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	15	0	0
PERCENE		Tetrachloroethene	ppb	.08	5	EPA	15	6	0
TETPHNL		Tetrachlorophenols	ppb	1.4			15	0	
TETRADE		Tetradecane	ppb	3			15	0	
TIN		Tin	ppb	24			15	0	
FTIN		Tin, filtered	ppb	24			15	0	
TOLUENE		Toluene	ppb	.077	1000	EPA	15	1	0
TRIBUTPH		Tributyl Phosphate	ppb	3.9			15	0	
TRICENE		Trichloroethene	ppb	.043	5	EPA	15	12	3
TRIPHNL		Trichlorophenols	ppb	2.1			15	0	
TDICHPH		Tris-2-chloroethyl phosphate	ppb	2.2			15	2	
TRITIUM		Tritium	pCi/L		20000	EPA	15	13	5
TURBID		Turbidity	NTU	.016			15	15	
URANIUM		Uranium	ppb				15	15	
VANADUM		Vanadium	ppb	6.4			15	15	
FVANADI		Vanadium, filtered	ppb	6.4			15	14	
VINYIDE		Vinyl chloride	ppb	.15	2	EPA	15	0	0
XYLENE		Xylenes (total)	ppb	.2	10000	EPA	15	2	0
ZINC		Zinc	ppb	4.4	5000	EPAS	15	14	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	15	11	0
CIS12DE		cis-1,2-Dichloroethylene	ppb	.045	70	EPA	15	0	0
MCRESOL		m-Cresol	ppb	6.3			15	0	
TRANDCE		trans-1,2-Dichloroethylene	ppb	.067	100	EPA	15	0	0

For explanation of this table, see Section 1.4 of report.

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Table 14-25. Constituents with at Least One Detected Value for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 9)

Well Name	Collection Date	Sample Number	1,1,1-T 25/ppb .22/200	14-dben 25/ppb .107/75	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.
299-W11-31	2/08/94	B09ZC0	.07 U	.11 U	93.00 L	
299-W11-31	2/08/94	B09ZC4				32.50 U
299-W6-10	2/08/94	B09ZC5	.07 U	.59 L	57.00 L	
299-W6-10	2/08/94	B09ZC9				32.50 U
299-W6-11	2/10/94	B09ZD0	.07 U	.11 U	97.00 L	
299-W6-11	2/10/94	B09ZD1	.07 U	.11 U	98.00 L	
299-W6-11	2/10/94	B09ZD8				32.50 U
299-W6-11	2/10/94	B09ZD9				32.50 U
299-W6-12	2/08/94	B09ZF0	.07 U	.11 U	140.00 L	
299-W6-12	2/08/94	B09ZF4				32.50 U
299-W6-2	2/07/94	B09ZK0	.07 U	.11 U	32.50 U	
299-W6-2	2/07/94	B09ZK1	.07 U	.11 U	32.50 U	
299-W6-2	2/07/94	B09ZK8				32.50 U
299-W6-2	2/07/94	B09ZK9				32.50 U
299-W6-3	2/04/94	B09ZF5	3.20	.11 U	32.50 U	
299-W6-3	2/04/94	B09ZF9				32.50 U
299-W6-4	2/08/94	B09ZG0	.07 U	.11 U	460.00	
299-W6-4	2/08/94	B09ZG4				32.50 U
299-W6-5	2/10/94	B09ZG5	.07 U	.11 U	680.00	
299-W6-5	2/10/94	B09ZG9				32.50 U
299-W6-6	2/09/94	B09ZH0	.07 U	.11 U	32.50 U	
299-W6-6	2/09/94	B09ZH4				32.50 U
299-W6-7	3/22/94	B09ZH5	.22 U	.11 U	530.00	
299-W6-7	3/22/94	B09ZH9				19.00 U
299-W6-8	2/14/94	B09ZJ0	.07 U	.11 U	990.00	
299-W6-8	2/14/94	B09ZJ4				150.00 L
299-W6-9	2/07/94	B09ZJ5	.07 U	.11 U	32.50 U	
299-W6-9	2/07/94	B09ZJ9				32.50 U
299-W7-10	2/08/94	B09ZL0	.07 U	.11 U	32.50 U	
299-W7-10	2/08/94	B09ZL4				32.50 U

Well Name	Collection Date	Sample Number	ARSENIC 43/ppb .64/50	FARSENIC 43/ppb .64/50	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i
299-W11-31	2/08/94	B09ZC0			52.00 B	
299-W11-31	2/08/94	B09ZC4				51.00 B
299-W6-10	2/08/94	B09ZC5			61.00 B	
299-W6-10	2/08/94	B09ZC9				62.00 B
299-W6-11	2/10/94	B09ZD0			35.00 B	
299-W6-11	2/10/94	B09ZD1			34.00 B	
299-W6-11	2/10/94	B09ZD8				32.00 B
299-W6-11	2/10/94	B09ZD9				33.00 B
299-W6-12	2/08/94	B09ZF0			35.00 B	
299-W6-12	2/08/94	B09ZF4				34.00 B
299-W6-2	2/07/94	B09ZK0	1.38 U		38.00	
299-W6-2	2/07/94	B09ZK1	1.38 U		38.00	
299-W6-2	2/07/94	B09ZK8		2.00 LQ		37.00
299-W6-2	2/07/94	B09ZK9		1.38 UQ		37.00
299-W6-3	2/04/94	B09ZF5			59.00	
299-W6-3	2/04/94	B09ZF9				56.00
299-W6-4	2/08/94	B09ZG0			80.00 B	
299-W6-4	2/08/94	B09ZG4				67.00 B
299-W6-5	2/10/94	B09ZG5			81.00 B	
299-W6-5	2/10/94	B09ZG9				76.00 B
299-W6-6	2/09/94	B09ZH0			48.00 B	

Table 14-25. Constituents with at Least One Detected Value for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 9)

Well Name	Collection Date	Sample Number	ARSENIC 43/ppb .64/50	FARSENIC 43/ppb .64/50	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i
299-W6-6	2/09/94	B09ZH4				49.00 B
299-W6-7	3/22/94	B09ZH5			69.00	
299-W6-7	3/22/94	B09ZH9				68.00
299-W6-8	2/14/94	B09ZJ0			54.00	
299-W6-8	2/14/94	B09ZJ4				45.00
299-W6-9	2/07/94	B09ZJ5			32.00	
299-W6-9	2/07/94	B09ZJ9				32.00
299-W7-10	2/08/94	B09ZL0	2.10 L		36.00 B	
299-W7-10	2/08/94	B09ZL4		2.00 L		36.00 B

Well Name	Collection Date	Sample Number	BENZENE 25/ppb .24/5	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	TETRANE 25/ppb .32/5
299-W11-31	2/08/94	B09ZC0	.11 U	60000.00 Q		700.00 D
299-W11-31	2/08/94	B09ZC4			60000.00 Q	
299-W6-10	2/08/94	B09ZC5	.11 U	75000.00 Q		990.00 D
299-W6-10	2/08/94	B09ZC9			75000.00 Q	
299-W6-11	2/10/94	B09ZD0	.11 UZ	45000.00 Q		68.00 D
299-W6-11	2/10/94	B09ZD1	.11 UZ	42000.00 Q		65.00 D
299-W6-11	2/10/94	B09ZD8			42000.00 Q	
299-W6-11	2/10/94	B09ZD9			43000.00 Q	
299-W6-12	2/08/94	B09ZF0	.11 U	32000.00 Q		1.70
299-W6-12	2/08/94	B09ZF4			31000.00 Q	
299-W6-2	2/07/94	B09ZK0	.11 U	40000.00		190.00 D
299-W6-2	2/07/94	B09ZK1	.11 U	41000.00		160.00 D
299-W6-2	2/07/94	B09ZK8			40000.00	
299-W6-2	2/07/94	B09ZK9			40000.00	
299-W6-3	2/04/94	B09ZF5	.81 L	60000.00 BQ		.49 L
299-W6-3	2/04/94	B09ZF9			58000.00 BQ	
299-W6-4	2/08/94	B09ZG0	.11 U	55000.00 Q		370.00 D
299-W6-4	2/08/94	B09ZG4			51000.00 Q	
299-W6-5	2/10/94	B09ZG5	.11 UZ	85000.00 Q		370.00 D
299-W6-5	2/10/94	B09ZG9			87000.00 Q	
299-W6-6	2/09/94	B09ZH0	.11 UZ	31000.00 BQ		.12 U
299-W6-6	2/09/94	B09ZH4			32000.00 BQ	
299-W6-7	3/22/94	B09ZH5	.24 U	72000.00 B		210.00 D
299-W6-7	3/22/94	B09ZH9			72000.00 B	
299-W6-8	2/14/94	B09ZJ0	.11 UZ	30000.00 B		.93 L
299-W6-8	2/14/94	B09ZJ4			29000.00 B	
299-W6-9	2/07/94	B09ZJ5	.11 U	46000.00		260.00 D
299-W6-9	2/07/94	B09ZJ9			45000.00	
299-W7-10	2/08/94	B09ZL0	.11 U	32000.00 Q		6.80
299-W7-10	2/08/94	B09ZL4			32000.00 Q	

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Table 14-25. Constituents with at Least One Detected Value for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 9)

Well Name	Collection Date	Sample Number	CHLORID 124/ppb 71/250000s	CHLFORM 25/ppb .05/.	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i
299-W11-31	2/08/94	B09ZC0	25000.00 D	6.00	64.00	
299-W11-31	2/08/94	B09ZC4				37.00
299-W6-10	2/08/94	B09ZC5	19000.00 D	10.00	70.00	
299-W6-10	2/08/94	B09ZC9				59.00
299-W6-11	2/10/94	B09ZD0	6700.00	1.30	100.00	
299-W6-11	2/10/94	B09ZD1	6700.00	1.30	86.00	
299-W6-11	2/10/94	B09ZD8				25.00
299-W6-11	2/10/94	B09ZD9				28.00
299-W6-12	2/08/94	B09ZF0	4900.00	.37 L	23.00	
299-W6-12	2/08/94	B09ZF4				5.42 U
299-W6-2	2/07/94	B09ZK0	5500.00	1.60	76.00	
299-W6-2	2/07/94	B09ZK1	5500.00	1.50	74.00	
299-W6-2	2/07/94	B09ZK8				23.00
299-W6-2	2/07/94	B09ZK9				23.00
299-W6-3	2/04/94	B09ZF5	6600.00	.19 L	200.00	
299-W6-3	2/04/94	B09ZF9				11.00 L
299-W6-4	2/08/94	B09ZG0	9900.00	11.00	210.00	
299-W6-4	2/08/94	B09ZG4				29.00
299-W6-5	2/10/94	B09ZG5	11000.00 D	6.60	280.00	
299-W6-5	2/10/94	B09ZG9				110.00
299-W6-6	2/09/94	B09ZH0	5000.00	.04 U	220.00	
299-W6-6	2/09/94	B09ZH4				5.42 U
299-W6-7	3/22/94	B09ZH5	9700.00	4.40	300.00	
299-W6-7	3/22/94	B09ZH9				70.00
299-W6-8	2/14/94	B09ZJ0	3000.00	.18 L	310.00	
299-W6-8	2/14/94	B09ZJ4				41.00
299-W6-9	2/07/94	B09ZJ5	6100.00	2.30	38.00	
299-W6-9	2/07/94	B09ZJ9				25.00
299-W7-10	2/08/94	B09ZL0	4800.00	.51	63.00	
299-W7-10	2/08/94	B09ZL4				5.42 U

Well Name	Collection Date	Sample Number	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s	CYANIDE 358/ppb .94/.	ETHBENZ 25/ppb .043/700
299-W11-31	2/08/94	B09ZC0	2.65 U		1.24 U	.08 BL
299-W11-31	2/08/94	B09ZC4		2.65 U		
299-W6-10	2/08/94	B09ZC5	2.65 U		9.00 L	.06 BL
299-W6-10	2/08/94	B09ZC9		2.65 U		
299-W6-11	2/10/94	B09ZD0	6.70 L		1.24 U	.08 LQ
299-W6-11	2/10/94	B09ZD1	7.90 L		1.24 U	.05 UQ
299-W6-11	2/10/94	B09ZD8		2.65 U		
299-W6-11	2/10/94	B09ZD9		2.65 U		
299-W6-12	2/08/94	B09ZF0	2.65 U		7.00 L	.05 U
299-W6-12	2/08/94	B09ZF4		2.65 U		
299-W6-2	2/07/94	B09ZK0	2.65 U		1.24 U	.05 U
299-W6-2	2/07/94	B09ZK1	2.65 U		1.24 U	.05 U
299-W6-2	2/07/94	B09ZK8		2.65 U		
299-W6-2	2/07/94	B09ZK9		2.65 U		

Table 14-25. Constituents with at Least One Detected Value for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 9)

Well Name	Collection Date	Sample Number	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s	CYANIDE 358/ppb .94/.	ETHBENZ 25/ppb .043/700
299-W6-3	2/04/94	B09ZF5	12.00 L		1.24 U	.05 U
299-W6-3	2/04/94	B09ZF9		2.65 U		
299-W6-4	2/08/94	B09ZG0	9.20 L		1.24 U	.05 U
299-W6-4	2/08/94	B09ZG4		2.65 U		
299-W6-5	2/10/94	B09ZG5	15.00 L		10.00 L	.05 U
299-W6-5	2/10/94	B09ZG9		4.90 L		
299-W6-6	2/09/94	B09ZH0	12.00 L		1.24 U	.05 U
299-W6-6	2/09/94	B09ZH4		2.65 U		
299-W6-7	3/22/94	B09ZH5	8.50 L		2.00 L	.04 U
299-W6-7	3/22/94	B09ZH9		3.30 L		
299-W6-8	2/14/94	B09ZJ0	14.00 L		1.24 U	.05 U
299-W6-8	2/14/94	B09ZJ4		4.70 L		
299-W6-9	2/07/94	B09ZJ5	2.65 U		1.24 U	.05 U
299-W6-9	2/07/94	B09ZJ9		2.65 U		
299-W7-10	2/08/94	B09ZL0	6.10 L		1.24 U	.05 U
299-W7-10	2/08/94	B09ZL4		2.65 U		

Well Name	Collection Date	Sample Number	FLUORID 124/ppb 51/1400i	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	IRON 34/ppb 18/300s
299-W11-31	2/08/94	B09ZC0	1500.00	1.72	52.90	340.00
299-W6-10	2/08/94	B09ZC5	400.00	3.01	40.00	180.00
299-W6-11	2/10/94	B09ZD0	700.00	2.23	15.50 Q	530.00
299-W6-11	2/10/94	B09ZD1	700.00	2.70	11.20 Q	450.00
299-W6-12	2/08/94	B09ZF0	500.00	1.69	4.91	660.00
299-W6-2	2/07/94	B09ZK0	400.00	2.05 Q	13.40 Q	260.00 B
299-W6-2	2/07/94	B09ZK1	400.00	1.27 Q	8.38 Q	230.00 B
299-W6-3	2/04/94	B09ZF5	600.00	2.55	11.40	780.00 B
299-W6-4	2/08/94	B09ZG0	400.00	1.64	18.70	1600.00
299-W6-5	2/10/94	B09ZG5	900.00	4.40	49.40	3200.00
299-W6-6	2/09/94	B09ZH0	600.00	1.11	5.59	940.00 B
299-W6-7	3/22/94	B09ZH5	800.00	3.66	33.50	2000.00
299-W6-8	2/14/94	B09ZJ0	600.00	1.93	3.92 H	3100.00 B
299-W6-9	2/07/94	B09ZJ5	400.00	2.35	11.80	150.00 B
299-W7-10	2/08/94	B09ZL0	400.00	1.41	8.06	350.00

Well Name	Collection Date	Sample Number	FIRON 34/ppb 18/300s	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i	MAGNES 34/ppb 25/.
299-W11-31	2/08/94	B09ZC0		1.20 L		20000.00 Q
299-W11-31	2/08/94	B09ZC4	19.00 L		.51 U	
299-W6-10	2/08/94	B09ZC5		.65 L		27000.00 Q
299-W6-10	2/08/94	B09ZC9	22.00		.96 L	
299-W6-11	2/10/94	B09ZD0		2.00 L		19000.00 Q
299-W6-11	2/10/94	B09ZD1		1.70 L		18000.00 Q
299-W6-11	2/10/94	B09ZD8	11.00 LQ		.51 U	
299-W6-11	2/10/94	B09ZD9	16.00 LQ		.60 L	
299-W6-12	2/08/94	B09ZF0		2.20 L		12000.00 Q
299-W6-12	2/08/94	B09ZF4	18.00 L		.51 U	

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Table 14-25. Constituents with at Least One Detected Value for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 5 of 9)

Well Name	Collection Date	Sample Number	FIRON 34/ppb 18/300s	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i	MAGNES 34/ppb 25/.
299-W6-2	2/07/94	B09ZK0		.98 BLQ		17000.00
299-W6-2	2/07/94	B09ZK1		35.00 BQ		17000.00
299-W6-2	2/07/94	B09ZK8	27.00 B		.51 U	
299-W6-2	2/07/94	B09ZK9	30.00 B		.51 U	
299-W6-3	2/04/94	B09ZF5		.98 L		23000.00 Q
299-W6-3	2/04/94	B09ZF9	48.00 B		.69 L	
299-W6-4	2/08/94	B09ZG0		.60 L		29000.00 Q
299-W6-4	2/08/94	B09ZG4	29.00		.51 U	
299-W6-5	2/10/94	B09ZG5		1.00 L		36000.00 Q
299-W6-5	2/10/94	B09ZG9	38.00		.51 U	
299-W6-6	2/09/94	B09ZH0		.51 U		13000.00 Q
299-W6-6	2/09/94	B09ZH4	71.00 B		.51 U	
299-W6-7	3/22/94	B09ZH5		6.50		31000.00
299-W6-7	3/22/94	B09ZH9	29.00		.86 U	
299-W6-8	2/14/94	B09ZJ0		.95 BL		12000.00
299-W6-8	2/14/94	B09ZJ4	400.00 BF		.51 U	
299-W6-9	2/07/94	B09ZJ5		1.10 BL		17000.00
299-W6-9	2/07/94	B09ZJ9	25.00 B		1.10 BL	
299-W7-10	2/08/94	B09ZL0		2.50 L		13000.00 Q
299-W7-10	2/08/94	B09ZL4	42.00		.97 L	

Well Name	Collection Date	Sample Number	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	MERCURY 41/ppb .095/2
299-W11-31	2/08/94	B09ZC0		6.10 L		.16 U
299-W11-31	2/08/94	B09ZC4	20000.00 Q		2.90 L	
299-W6-10	2/08/94	B09ZC5		4.50 L		.16 U
299-W6-10	2/08/94	B09ZC9	27000.00 Q		1.90 L	
299-W6-11	2/10/94	B09ZD0		10.00		.16 U
299-W6-11	2/10/94	B09ZD1		8.00 L		.16 U
299-W6-11	2/10/94	B09ZD8	18000.00 Q		1.35 U	
299-W6-11	2/10/94	B09ZD9	19000.00 Q		1.35 U	
299-W6-12	2/08/94	B09ZF0		16.00		.16 U
299-W6-12	2/08/94	B09ZF4	12000.00 Q		14.00	
299-W6-2	2/07/94	B09ZK0		5.00 L		.16 U
299-W6-2	2/07/94	B09ZK1		4.30 L		.16 U
299-W6-2	2/07/94	B09ZK8	17000.00		1.35 U	
299-W6-2	2/07/94	B09ZK9	17000.00		1.35 U	
299-W6-3	2/04/94	B09ZF5		19.00		.16 U
299-W6-3	2/04/94	B09ZF9	22000.00 Q		4.80 L	
299-W6-4	2/08/94	B09ZG0		31.00		.16 U
299-W6-4	2/08/94	B09ZG4	25000.00 Q		6.40 L	
299-W6-5	2/10/94	B09ZG5		72.00		.16 U
299-W6-5	2/10/94	B09ZG9	36000.00 Q		13.00	
299-W6-6	2/09/94	B09ZH0		85.00		.16 U
299-W6-6	2/09/94	B09ZH4	13000.00 Q		64.00	
299-W6-7	3/22/94	B09ZH5		42.00 B		.10 U
299-W6-7	3/22/94	B09ZH9	31000.00		3.90 BL	
299-W6-8	2/14/94	B09ZJ0		67.00		.16 U
299-W6-8	2/14/94	B09ZJ4	11000.00		19.00	

Table 14-25. Constituents with at Least One Detected Value for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 6 of 9)

Well Name	Collection Date	Sample Number	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	MERCURY 41/ppb .095/2
299-W6-9	2/07/94	B09ZJ5		4.70 L		.16 U
299-W6-9	2/07/94	B09ZJ9	16000.00		3.00 L	
299-W7-10	2/08/94	B09ZL0		7.80 L		.16 U
299-W7-10	2/08/94	B09ZL4	13000.00 Q		2.00 L	

Well Name	Collection Date	Sample Number	FMERCUR 41/ppb .095/2	METHYCH 25/ppb .082/.	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.
299-W11-31	2/08/94	B09ZC0		.06 U	29.00 L	
299-W11-31	2/08/94	B09ZC4	.16 U			17.90 U
299-W6-10	2/08/94	B09ZC5		.06 U	17.90 U	
299-W6-10	2/08/94	B09ZC9	.16 U			17.90 U
299-W6-11	2/10/94	B09ZD0		.06 U	49.00 Q	
299-W6-11	2/10/94	B09ZD1		.06 U	36.00 Q	
299-W6-11	2/10/94	B09ZD8	.16 UQ			17.90 U
299-W6-11	2/10/94	B09ZD9	.25 Q			17.90 U
299-W6-12	2/08/94	B09ZF0		.06 U	17.90 U	
299-W6-12	2/08/94	B09ZF4	.16 U			17.90 U
299-W6-2	2/07/94	B09ZK0		.06 U	32.00	
299-W6-2	2/07/94	B09ZK1		.06 U	33.00	
299-W6-2	2/07/94	B09ZK8	.16 U			17.90 U
299-W6-2	2/07/94	B09ZK9	.16 U			17.90 U
299-W6-3	2/04/94	B09ZF5		.06 U	90.00	
299-W6-3	2/04/94	B09ZF9	.16 U			17.90 U
299-W6-4	2/08/94	B09ZG0		.06 U	94.00	
299-W6-4	2/08/94	B09ZG4	.16 U			17.90 U
299-W6-5	2/10/94	B09ZG5		.06 U	81.00	
299-W6-5	2/10/94	B09ZG9	.16 U			17.90 U
299-W6-6	2/09/94	B09ZH0		.06 U	120.00	
299-W6-6	2/09/94	B09ZH4	.16 U			17.90 U
299-W6-7	3/22/94	B09ZH5		.10 L	110.00	
299-W6-7	3/22/94	B09ZH9	.10 U			16.00 U
299-W6-8	2/14/94	B09ZJ0		.06 U	150.00	
299-W6-8	2/14/94	B09ZJ4	.16 U			17.90 U
299-W6-9	2/07/94	B09ZJ5		.06 U	17.90 U	
299-W6-9	2/07/94	B09ZJ9	.16 U			17.90 U
299-W7-10	2/08/94	B09ZL0		.06 U	35.00	
299-W7-10	2/08/94	B09ZL4	.16 U			17.90 U

Well Name	Collection Date	Sample Number	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.	RADIUM 137/pCi/L ./5i
299-W11-31	2/08/94	B09ZC0	140000.00 D	4800.00		.07 U
299-W11-31	2/08/94	B09ZC4			4900.00	
299-W6-10	2/08/94	B09ZC5	170000.00 D	4600.00		.42
299-W6-10	2/08/94	B09ZC9			4400.00	
299-W6-11	2/10/94	B09ZD0	80000.00 D	3500.00		.38
299-W6-11	2/10/94	B09ZD1	80000.00 D	2800.00		.30
299-W6-11	2/10/94	B09ZD8			2600.00	
299-W6-11	2/10/94	B09ZD9			2800.00	

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Table 14-25. Constituents with at Least One Detected Value for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 7 of 9)

Well Name	Collection Date	Sample Number	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.	RADIUM 137/pCi/L ./5i
299-W6-12	2/08/94	B09ZF0	16000.00 D	2600.00		.25
299-W6-12	2/08/94	B09ZF4			2500.00	
299-W6-2	2/07/94	B09ZK0	61000.00 D	3500.00		.06 U
299-W6-2	2/07/94	B09ZK1	61000.00 D	3000.00		.08 U
299-W6-2	2/07/94	B09ZK8			3200.00	
299-W6-2	2/07/94	B09ZK9			3300.00	
299-W6-3	2/04/94	B09ZF5	160000.00 D	5100.00		.04 U
299-W6-3	2/04/94	B09ZF9			5200.00	
299-W6-4	2/08/94	B09ZG0	120000.00 D	5300.00		.23
299-W6-4	2/08/94	B09ZG4			4600.00	
299-W6-5	2/10/94	B09ZG5	300000.00 D	4800.00		.27
299-W6-5	2/10/94	B09ZG9			4900.00	
299-W6-6	2/09/94	B09ZH0	7300.00	4700.00		.11 U
299-W6-6	2/09/94	B09ZH4			5100.00	
299-W6-7	3/22/94	B09ZH5	210000.00 D	4600.00		.39
299-W6-7	3/22/94	B09ZH9			4500.00	
299-W6-8	2/14/94	B09ZJ0	8100.00	3700.00		.34
299-W6-8	2/14/94	B09ZJ4			3500.00	
299-W6-9	2/07/94	B09ZJ5	66000.00 D	3700.00		.05 U
299-W6-9	2/07/94	B09ZJ9			3500.00	
299-W7-10	2/08/94	B09ZL0	20000.00 D	3000.00		.20
299-W7-10	2/08/94	B09ZL4			2900.00	

Well Name	Collection Date	Sample Number	SELENUM 48/ppb 1.4/10i	FSELENI 48/ppb 1.4/10i	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.
299-W11-31	2/08/94	B09ZC0			57000.00 BQ	
299-W11-31	2/08/94	B09ZC4				57000.00 BQ
299-W6-10	2/08/94	B09ZC5			24000.00 BQ	
299-W6-10	2/08/94	B09ZC9				23000.00 BQ
299-W6-11	2/10/94	B09ZD0			11000.00 BQ	
299-W6-11	2/10/94	B09ZD1			10000.00 BQ	
299-W6-11	2/10/94	B09ZD8				10000.00 BQ
299-W6-11	2/10/94	B09ZD9				11000.00 BQ
299-W6-12	2/08/94	B09ZF0			8600.00 BQ	
299-W6-12	2/08/94	B09ZF4				8500.00 BQ
299-W6-2	2/07/94	B09ZK0	1.21 U		10000.00	
299-W6-2	2/07/94	B09ZK1	1.21 U		10000.00	
299-W6-2	2/07/94	B09ZK8		1.21 U		10000.00
299-W6-2	2/07/94	B09ZK9		1.21 U		10000.00
299-W6-3	2/04/94	B09ZF5			19000.00 BQ	
299-W6-3	2/04/94	B09ZF9				20000.00 BQ
299-W6-4	2/08/94	B09ZG0			13000.00 BQ	
299-W6-4	2/08/94	B09ZG4				11000.00 BQ
299-W6-5	2/10/94	B09ZG5			15000.00 BQ	
299-W6-5	2/10/94	B09ZG9				15000.00 BQ
299-W6-6	2/09/94	B09ZH0			17000.00 BQ	
299-W6-6	2/09/94	B09ZH4				17000.00 BQ
299-W6-7	3/22/94	B09ZH5			12000.00	

Table 14-25. Constituents with at Least One Detected Value for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 8 of 9)

Well Name	Collection Date	Sample Number	SELENUM 48/ppb 1.4/10i	FSELENI 48/ppb 1.4/10i	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.
299-W6-7	3/22/94	B09ZH9				12000.00
299-W6-8	2/14/94	B09ZJ0			9000.00	
299-W6-8	2/14/94	B09ZJ4				8600.00
299-W6-9	2/07/94	B09ZJ5			11000.00	
299-W6-9	2/07/94	B09ZJ9				10000.00
299-W7-10	2/08/94	B09ZL0	2.00 L		8100.00 BQ	
299-W7-10	2/08/94	B09ZL4		1.21 U		8300.00 BQ

Well Name	Collection Date	Sample Number	SULFATE 124/ppb 89/250000s	PERCENE 25/ppb .08/5	TOLUENE 25/ppb .077/1000	TRICENE 25/ppb .043/5
299-W11-31	2/08/94	B09ZC0	64000.00 D	.25 L	.08 L	11.00
299-W6-10	2/08/94	B09ZC5	54000.00 D	.28 L	.06 U	32.00
299-W6-11	2/10/94	B09ZD0	27000.00 D	.10 LQ	.06 L	.61 BL
299-W6-11	2/10/94	B09ZD1	26000.00 D	.05 UQ	.06 U	.48 BL
299-W6-12	2/08/94	B09ZF0	22000.00 D	.06 L	.06 U	.07 U
299-W6-2	2/07/94	B09ZK0	26000.00 D	.08 LQ	.06 U	1.80 Q
299-W6-2	2/07/94	B09ZK1	26000.00 D	.05 UQ	.06 U	3.10 Q
299-W6-3	2/04/94	B09ZF5	20000.00 D	1.10	.06 U	.60 L
299-W6-4	2/08/94	B09ZG0	39000.00 D	.08 L	.06 U	17.00
299-W6-5	2/10/94	B09ZG5	47000.00 D	.05 U	.06 U	3.50 B
299-W6-6	2/09/94	B09ZH0	27000.00 D	.05 U	.06 U	.07 U
299-W6-7	3/22/94	B09ZH5	40000.00 D	.08 L	.08 U	2.90
299-W6-8	2/14/94	B09ZJ0	19000.00 DQ	.05 U	.06 U	.07 U
299-W6-9	2/07/94	B09ZJ5	26000.00 D	.05 L	.06 U	3.60
299-W7-10	2/08/94	B09ZL0	22000.00 D	.05 U	.06 U	.10 L

Well Name	Collection Date	Sample Number	TDICHPH 19/ppb 2.2/.	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.	URANIUM 145/ppb ./.
299-W11-31	2/08/94	B09ZC0	2.88 U	79900.00	4.60	2.37
299-W6-10	2/08/94	B09ZC5	2.88 U	96100.00	3.00	3.62
299-W6-11	2/10/94	B09ZD0	2.88 UY	7480.00	5.10	1.73
299-W6-11	2/10/94	B09ZD1	2.88 UY	7390.00	5.10	1.96
299-W6-12	2/08/94	B09ZF0	2.88 U	239.00	7.80	1.55
299-W6-2	2/07/94	B09ZK0	2.88 U	9950.00	2.10 Q	1.81
299-W6-2	2/07/94	B09ZK1	2.88 U	9840.00	1.50 Q	2.03
299-W6-3	2/04/94	B09ZF5	7.70 L	-32.30 U	1.40 Q	1.14
299-W6-4	2/08/94	B09ZG0	2.88 U	33500.00	11.00	2.58
299-W6-5	2/10/94	B09ZG5	2.88 UY	31400.00	32.00	1.81
299-W6-6	2/09/94	B09ZH0	32.00	30.70 U	1.10	.56
299-W6-7	3/22/94	B09ZH5	2.20 U	44400.00	17.00	2.70
299-W6-8	2/14/94	B09ZJ0	2.88 U	1030.00	27.00 Q	1.22
299-W6-9	2/07/94	B09ZJ5	2.88 U	12100.00	3.00	2.07
299-W7-10	2/08/94	B09ZL0	2.88 U	454.00	1.70	1.49

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Table 14-25. Constituents with at Least One Detected Value for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 9 of 9)

Well Name	Collection Date	Sample Number	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	XYLENE 25/ppb .2/10000	ZINC 34/ppb 4.4/5000s
299-W11-31	2/08/94	B09ZC0	29.00 L		.24 L	8.00 BLQ
299-W11-31	2/08/94	B09ZC4		31.00		
299-W6-10	2/08/94	B09ZC5	22.00 L		.20 U	11.00 BQ
299-W6-10	2/08/94	B09ZC9		23.00 L		
299-W6-11	2/10/94	B09ZD0	30.00 L		.36 LQ	14.00 BQ
299-W6-11	2/10/94	B09ZD1	30.00 L		.20 UQ	7.70 BLQ
299-W6-11	2/10/94	B09ZD8		24.00 L		
299-W6-11	2/10/94	B09ZD9		28.00 L		
299-W6-12	2/08/94	B09ZF0	28.00 L		.20 U	13.00 BQ
299-W6-12	2/08/94	B09ZF4		25.00 L		
299-W6-2	2/07/94	B09ZK0	32.00		.20 U	4.60 BL
299-W6-2	2/07/94	B09ZK1	30.00		.20 U	6.50 BL
299-W6-2	2/07/94	B09ZK8		29.00 L		
299-W6-2	2/07/94	B09ZK9		30.00		
299-W6-3	2/04/94	B09ZF5	23.00 L		.20 U	10.00 BQ
299-W6-3	2/04/94	B09ZF9		19.00 L		
299-W6-4	2/08/94	B09ZG0	13.00 L		.20 U	12.00 BQ
299-W6-4	2/08/94	B09ZG4		11.00 L		
299-W6-5	2/10/94	B09ZG5	18.00 L		.20 U	7.60 BLQ
299-W6-5	2/10/94	B09ZG9		16.00 L		
299-W6-6	2/09/94	B09ZH0	7.40 L		.20 U	17.00 Q
299-W6-6	2/09/94	B09ZH4		3.84 U		
299-W6-7	3/22/94	B09ZH5	19.00 L		.20 U	14.00
299-W6-7	3/22/94	B09ZH9		16.00 L		
299-W6-8	2/14/94	B09ZJ0	22.00 L		.20 U	1.40 LB
299-W6-8	2/14/94	B09ZJ4		19.00 L		
299-W6-9	2/07/94	B09ZJ5	29.00 L		.20 U	8.40 BL
299-W6-9	2/07/94	B09ZJ9		26.00 L		
299-W7-10	2/08/94	B09ZL0	28.00 L		.20 U	12.00 BQ
299-W7-10	2/08/94	B09ZL4		25.00 L		

Well Name	Collection Date	Sample Number	FZINC 34/ppb 4.4/5000s
299-W11-31	2/08/94	B09ZC4	8.50 BLQ
299-W6-10	2/08/94	B09ZC9	7.00 BLQ
299-W6-11	2/10/94	B09ZD8	4.90 BLQ
299-W6-11	2/10/94	B09ZD9	4.30 BLQ
299-W6-12	2/08/94	B09ZF4	9.90 BLQ
299-W6-2	2/07/94	B09ZK8	4.40 BL
299-W6-2	2/07/94	B09ZK9	5.10 BL
299-W6-3	2/04/94	B09ZF9	12.00 BQ
299-W6-4	2/08/94	B09ZG4	3.70 BLQ
299-W6-5	2/10/94	B09ZG9	19.00 BQ
299-W6-6	2/09/94	B09ZH4	16.00 Q
299-W6-7	3/22/94	B09ZH9	4.40 U
299-W6-8	2/14/94	B09ZJ4	2.50 LB
299-W6-9	2/07/94	B09ZJ9	5.10 BL
299-W7-10	2/08/94	B09ZL4	10.00 BQ

For explanation of this table, see Section 1.4 of report.

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Table 14-26. Contamination Indicator Parameters for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-W11-31	2/08/94	B09ZC0	700		7.97		600 L	533.0
		B09ZC1	702		7.96		600 L	455.0
		B09ZC2	705		7.95		500 L	577.0
		B09ZC3	702		7.95		500 L	477.0
299-W6-10	2/08/94	B09ZC5	745		7.66		400 L	861.0
		B09ZC6	740		7.66		300 L	765.0
		B09ZC7	742		7.65		400 L	574.0
		B09ZC8	718		7.64		300 L	473.0
299-W6-11	2/10/94	B09ZD0	421		7.93		300 L	46.7
		B09ZD1	419		7.93		400 LQ	
		B09ZD2	419		7.93		300 LQ	47.0
		B09ZD3	418		7.92		300 L	50.9
		B09ZD4					200 L	47.9
		B09ZD5					300 L	
		B09ZD6					200 L	49.9
		B09ZD7					300 L	52.3
299-W6-12	2/08/94	B09ZF0	290		8.08		300 L	5.0 U
		B09ZF1	289		8.08		300 L	5.0 U
		B09ZF2	291		8.09		300 L	5.0 U
		B09ZF3	291		8.08		300 L	5.0 U
299-W6-2	12/07/93	B09KQ5	403		7.83		400 L	
		B09LF5						104.0
	2/07/94	B09ZK0	405		7.81		200 L	115.0
		B09ZK1	396		7.84		200 L	
		B09ZK2	393		7.84		200 L	
		B09ZK3	393		7.84		300 L	
		B09ZK4					200 L	
		B09ZK5					300 L	
		B09ZK6					200 LQ	
		B09ZK7					300 LQ	
299-W6-3	2/04/94	B09ZF5	596		7.96		200 L	5.0 U
		B09ZF6	603		7.96		200 L	5.0 U
		B09ZF7	615		7.92		200 U	
		B09ZF8	611		7.91		200 L	
299-W6-4	2/08/94	B09ZG0	493		7.83		300 L	216.0
		B09ZG1	498		7.87		400 L	215.0
		B09ZG2	496		7.88		500 L	199.0
		B09ZG3	497		7.89		400 L	217.0
299-W6-5	2/10/94	B09ZG5	836		7.82		300 L	
		B09ZG6	838		7.80		300 L	
		B09ZG7	836		7.79		300 L	
		B09ZG8	834		7.79		300 L	
299-W6-6	2/09/94	B09ZH0					300 L	14.6
		B09ZH1	325		8.40		200 U	17.5
		B09ZH2	326		8.19		200 U	17.7
		B09ZH3	325		8.14		200 U	15.5
299-W6-7	3/22/94	B09ZH5	710		7.40		320 UQ	191.0
		B09ZH6	711		7.38		320 UQ	195.0
		B09ZH7	712		7.39		320 UQ	187.0
		B09ZH8	710		7.40		320 UQ	184.0
299-W6-8	2/14/94	B09ZJ0	265		7.72		200 L	5.0 U
		B09ZJ1	267		7.82		200 U	5.0 U
		B09ZJ2	269		7.85		200 U	5.0 U
		B09ZJ3	269		8.03		200 L	5.0 U

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Table 14-26. Contamination Indicator Parameters for the LLWMA-5 Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-W6-9	2/07/94	B09ZJ5	420		7.84		300 L	180.0
		B09ZJ6	421		7.84		300 L	179.0
		B09ZJ7	419		7.84		300 L	182.0
		B09ZJ8	419		7.84		300 L	
299-W7-10	12/20/93	B09P42	298		8.28			8.6
	2/08/94	B09ZL0	334		8.10		300 L	6.6
		B09ZL1	331		8.11		300 L	7.0
		B09ZL2	326		8.14		300 L	7.1
		B09ZL3	326		8.09		300 L	6.4

For explanation of this table, see Section 1.4 of report.

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Table 14-27. Water Quality Standards Exceeded at LLWMA-1.

Chromium (50 ppb)	299-E28-26 299-E32-2 299-E32-5 299-E32-9 299-E33-30	299-E28-27 299-E32-3 299-E32-6 299-E33-28 299-E33-34	299-E28-28 299-E32-4 299-E32-7 299-E33-29 299-E33-35
Gross alpha (15 pCi/L)	299-E28-26 299-E32-5	299-E28-28	299-E32-3
Nitrate (45,000 ppb)	299-E33-34		
Iron (300 ppb)	299-E28-26[a] 299-E32-2[a] 299-E32-5[a] 299-E32-9[a] 299-E33-29[a]	299-E28-27[a] 299-E32-3[a] 299-E32-6[a] 299-E32-10[a] 299-E33-30[a]	299-E28-28 299-E32-4 299-E32-7[a] 299-E33-28[a] 299-E33-35[a]
Tritium (20,000 pCi/L)	299-E28-27 299-E32-5	299-E32-2 299-E32-6	299-E32-3

[a]Field quality control samples associated with this data exceeded the reliable detection limits.

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Table 14-28. Water Quality Standards Exceeded at LLWMA-3.

Chromium (50 ppb)	299-W7-1 299-W7-4 299-W7-7 299-W7-10 299-W8-1 299-W10-14	299-W7-2 299-W7-5 299-W7-8 299-W7-11 299-W9-1 299-W10-21	299-W7-3 299-W7-6 299-W7-9 299-W7-12 299-W10-13
Fluoride (1,400 ppb)	299-W10-14[a]		
Gross alpha (15 pCi/L)	299-W7-6		
Nitrate (45,000 ppb)	299-W6-2 299-W10-19	299-W7-4 299-W10-20	299-W7-5 299-W10-21
Iron (300 ppb)	299-W7-1[b] 299-W7-4 299-W7-7[b] 299-W7-10 299-W8-1 299-W10-14 299-W10-21[b]	299-W7-2[b] 299-W7-5 299-W7-8 299-W7-11 299-W9-1 299-W10-19	299-W7-3 299-W7-6 299-W7-9 299-W7-12 299-W10-13 299-W10-20[b]
Manganese (50 ppb)	299-W7-3 299-W7-9	299-W7-6 299-W7-12	299-W7-7[b] 299-W10-20
Filtered manganese (50 ppb)	299-W10-20		
Carbon tetrachloride (5 ppb)	299-W6-2 299-W10-19	299-W7-10 299-W10-20	299-W10-13 299-W10-21
Trichloroethene (5 ppb)	299-W10-20[b]	299-W10-21	

[a]A Request for Analytical Data Evaluation has been filed on this result.

[b]Field quality control samples associated with these data exceeded the reliable detection limits.

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Table 14-29. Water Quality Standards Exceeded at LLWMA-4.

Carbon tetrachloride (5 ppb)	299-W18-23[a]
Vinyl chloride (5 ppb)	299-W18-23[a]

[a]Field quality control samples associated with these data exceeded the reliable detection limits.

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Table 14-30. Water Quality Standards Exceeded at LLWMA-5.

Chromium (50 ppb)	299-W6-3 299-W6-6 299-W6-11	299-W6-4 299-W6-8 299-W7-10	299-W6-5 299-W6-10 299-W11-31
Filtered chromium (50 ppb)	299-W6-5	299-W6-10	
Fluoride (1,400 ppb)	299-W11-31		
Nitrate (45,000 ppb)	299-W6-2 299-W6-5 299-W6-11	299-W6-3 299-W6-9 299-W11-31	299-W6-4 299-W6-10
Iron (300 ppb)	299-W6-3[a] 299-W6-6[a] 299-W6-12	299-W6-4 299-W6-8[a] 299-W7-10	299-W6-5 299-W6-11 299-W11-31
Filtered iron (300 ppb)	299-W6-8[a,b]		
Manganese (50 ppb)	299-W6-5	2699-W6-6	299-W6-8
Filtered manganese (50 ppb)	299-W6-6		
Carbon tetrachloride (5 ppb)	299-W6-2 299-W6-7 299-W6-11	299-W6-4 299-W6-9 299-W7-10	299-W6-5 299-W6-10 299-W11-31
Trichloroethene (5 ppb)	299-W6-4	299-W6-10	299-W11-31
Tritium (20,000 pCi/L)	299-W6-4 299-W11-31	299-W6-5	299-W6-10

[a]Field quality control samples associated with these data exceeded the reliable detection limits.

[b]A Request for Analytical Data Evaluation has been filed on this result.

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15.0 SINGLE-SHELL TANKS

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15.1 INTRODUCTION

Although decommissioned in 1980, the SSTs are considered to be actively storing hazardous and radioactive waste and have been designated as RCRA facilities. The SSTs received metal and first-cycle waste from the chemical processing of uranium-bearing spent fuel rods. Spent fuel rods from reactors in the 100 Areas were processed using the bismuth phosphate, REDOX, or PUREX process. Metal waste is that which was produced in the first step of the process of dissolving spent fuels, and contains about 90% of fission product radionuclides as well as uranium and some plutonium. Other waste streams (e.g., coating, noncomplexed, and deionizing waste) also were sent to SSTs at some time in their history (see Anderson 1990 for a discussion of types of waste sent to various SSTs from startup until the tank was no longer used). Chemical and radiological contents of the various SSTs were summarized in July 1993 (WHC 1993c).

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The 149 SSTs are located in seven WMAs containing one or more tank farms (Figures 15-1 and 15-2). Three WMAs are in the 200 East Area (A-AX, B-BX-BY, and C) and four are in the 200 West Area (S-SX, T, TX-TY, and U). Each tank farm contains from 4 (AX Tank Farm) to 18 (TX Tank Farm) tanks, each of which is an underground, reinforced-concrete tank with a single liner of carbon steel. The larger tanks have a diameter of 23 m (75 ft), varying height, and are buried at least 2 m (6 ft) below the ground surface. The capacity of these tanks varies from 2,006,000 to 3,785,000 L (530,000 to 1,000,000 gal). There are sixteen 200-series tanks, each of which hold 208,175 L (55,000 gal). Four 200-series tanks are located in each of the original four tank farms: 241-B, 241-C, 241-T, and 241-U. The original four tank farms were built in 1944; SSTs were built from 1944 to 1964.

Interim-status, detection-level groundwater monitoring was initiated at the SSTs in 1989 with the construction of 12 RCRA standard wells. Sampling was initiated in February 1990 at WMAs A-AX, B-BX-BY, C, and T, but was suspended until July 1991 because of the absence of analytical laboratory support. Sampling resumed in 1991 and continued quarterly through early 1993. Most wells have been sampled quarterly more than four times. All WMAs, except for T and TX-TY, are now in detection-level indicator parameter evaluation status and are sampled semiannually. WMAs T and TX-TY continue to be sampled quarterly, as these sites are now in assessment-level monitoring status because of elevated specific conductance. A groundwater quality assessment monitoring plan (Caggiano and Chou 1993) for WMAs T and TX-TY was submitted to Ecology in July 1993. The SST WMA well locations are shown in Figures 15-3 and 15-4. Wells in the SST monitoring networks are listed in Table 15-1. Groundwater monitoring at the SSTs follows the groundwater monitoring plan (Jensen et al. 1989) as revised (Caggiano and Goodwin 1991).

Numerous older wells in the vicinity of the tank farms are constructed of carbon steel casing that is perforated and open to different levels in the unconfined aquifer. These wells were part of an operational groundwater monitoring system at some point in their history and currently are used only for water level measurements or to collect samples for operational monitoring. Some are used for environmental surveillance monitoring to check for conformance to DOE orders (e.g., Schmidt et al. 1992). These older wells do not comply with the construction specifications of WAC 173-160 and are not used for collection of RCRA samples. One exception is well 2-E27-7, a well constructed in 1982 that has a carbon steel casing, an annular seal, and a stainless steel screen below the carbon steel casing. There is no carbon steel in contact with groundwater in well 2-E27-7. Samples are collected from this well, which is upgradient of WMA C.

15.2 WATER LEVEL MEASUREMENTS

Water levels measured in 61 wells for this quarter are given in Table 15-2. These data include routine water level measurements taken when sampling, as well as nonroutine monthly measurements made by Environmental Field Services personnel. Geodetic survey elevations used to calculate water levels have all been changed to National Geodetic Vertical Datum 1929 Standard (NGVD '29). Many previous surveys used locally established benchmarks as the datum, but there has been a mix of elevation data obtained from surveying at different times using a different datum.

The water table in the 200 East Area is nearly flat because of declining water levels and high transmissivity of the Hanford formation. The water table map for June 1993 (DOE-RL 1994, Fig 4.13-5) illustrates the very low slope to the water table. The maximum difference in elevation for all monitoring wells in the 200 East Area SST networks (A-AX, B-BX-BY, and C) for March 1994 is 22 cm (0.73 ft) between wells 2-E25-2 and 2-E33-39, wells that are nearly 2.4 km (1.5 mi) apart (a slope of approximately 9.2 cm/km [5.8 in./mi]).

A barrier may be constructed over the 216-BY cribs in operable unit 200-BP-1 located north of WMA B-BX-BY. A modified RCRA cover was the preferred alternative in the Record of Decision (ROD) that is going out for public comment. After comments are addressed, the definitive design of the cover will commence. However, it is anticipated that all wells in the area of the 216-BY cribs will be decommissioned and new wells beyond the new cover will be constructed. Well 2-E33-38, along with nine older carbon steel wells formerly used to monitor the 216-BY cribs, will be decommissioned. Wells 2-E33-1 and 2-E33-5 along with well 2-E33-38 have been used to monitor water levels in this area of very low water table gradient in 200 East Area. Contingency planning for the location and design of replacement wells is being initiated.

Water levels have been declining steadily over the past several years at all SST sites (see hydrographs of all WMAs in DOE [1994]). However, March 1994 water level data for 34 (of 34) wells in the SST water level monitoring network in the 200 West Area exhibit a rise of 6.4 to 17.7 cm (0.21 to 0.58 ft), with an average increase of 11.6 cm (0.38 ft) from February 1994 water level readings. There has been no change in survey elevations for these

wells. The same field crew measured wells in February and in March, but used a different steel tape in March. Water levels in other (i.e., not SST) wells in the 200 West Area have continued the usual pattern of decline during the first quarter. The change in SST wells seems to be anomalous and an artifact of the measurement/recording system. The investigation of the cause of this phenomenon is continuing. Water levels in these wells are flagged in Table 15-2.

Water levels in upgradient wells 2-W18-25 and 2-W18-31 continue to be declining faster than in planned downgradient well 2-W19-32 at WMA U. Five wells have been added to the water level monitoring network in the vicinity of the 241-U Tank Farm to determine the extent and possible source for this change (see Table 15-2). Water level data for this quarter confirm that the water table mound beneath the 200 West Area has migrated eastward so that the apex of the mound is slightly south and east of WMA U. Groundwater flow is now to the northwest, and an additional well is being planned near the northwest corner of the 241-U Tank Farm. An Engineering Change Notice (ECN) will be prepared to revise the groundwater monitoring plan. The ECN will establish a new network of wells for a northwest direction of groundwater flow. The original monitoring network was established in 1989 when groundwater was flowing to the northeast because of the water table mound that originated beneath the now decommissioned 216-U-10 Pond (U Pond) in the southwest corner of the 200 West Area. This mound has been declining and its apex has been shifting eastward since U Pond was decommissioned in 1984.

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15.3 WATER CHEMISTRY DATA

Data received to date from analyses of samples collected during the first quarter of 1994 are provided in Tables 15-3 through 15-23. Most SST wells were sampled this quarter. Quarterly sampling is presently conducted in WMAs T and TX-TY because these sites are in groundwater assessment monitoring under interim status (40 CFR 265). Anions are also sampled quarterly at WMA U. All other WMAs are sampled semiannually. The D flag following data for sulfate, nitrate, and chloride indicates that the samples were diluted for analysis. Blank contamination was found in many analyses of metals performed using the ICP method this quarter. Re-reported data supplied by the contract laboratories after clarification of some problems are reported in Appendix A. The data being re-reported are explained in Section 1.4.

Several standards for constituent concentration have been added to the data tables, resulting in some constituents exceeding limits that had not previously been identified in quarterly reports. For example, carbon tetrachloride exceeds the 5-ppb standard in a number of wells in the 200 West Area because there is a widespread plume of this constituent in the groundwater (DOE-RL 1994a, Fig 4.1-19). Similarly, trichloroethene has exceeded the limit in some 200 West Area wells.

Regulatory limits for fluoride are not consistent. The primary DWS for fluoride is 4,000 ppb (40 CFR 141); the secondary standard (40 CFR 143.3) is 2,000 ppb. Washington State standards in Revised Code of Washington (RCW) 248 and WAC 173-200 are 4,000 ppb. However, Appendix III of 40 CFR 265 (EPA Interim Primary DWS) lists a range of 1.4 to 2.4 ppm (1,400 to 2,400 ppb) for fluoride. The preponderance of promulgated standards is 4,000 ppb and this

will be used in comparing values to a regulatory limit. Groundwater quality beneath WMA T is degraded because of fluoride, which has exceeded the 4,000-ppb standard in the past and continues to do so in some wells. Fluorine-bearing compounds were used in the bismuth phosphate process in 221-T (T Plant) and were discharged to SSTs as well as liquid effluent facilities in the northern part of 200 West Area. Tables 15-3 through 15-23 use the 1,400-ppb standard for fluoride.

Remediated well 2-W11-28 at WMA T was sampled on January 31 and March 21, 1994. After remediation, the well was redeveloped until turbidity reached 2.5 NTUs. Turbidity of 92 NTUs for the January 31 sampling indicates that the remediation was not successful and that sediment continues to cascade into the remediated well. Unfiltered iron, manganese, and chromium are also elevated. Contingency plans are underway to reconstruct or replace this well so that it can provide groundwater samples representative of the aquifer.

Four quarters of background data have been obtained from wells in all WMAs and the data have been statistically evaluated for indication of contamination through analyses of TOC and specific conductance for each site. Replicate average values from downgradient wells are compared to the critical means for indicator parameters to determine whether the facilities in any SST WMAs may be affecting groundwater quality. Values for TOX were not used to calculate a critical mean for each WMA because of QC problems in the laboratory. TOX samples, previously analyzed by DataChem Laboratory, are now being analyzed by Weston. The change in groundwater flow direction beneath WMA U will necessitate a new calculation of background for this site.

Several LLBG RCRA standard wells have been added to the expanded network for groundwater quality assessment monitoring at WMAs T and TX-TY. Ten radionuclides from the list of site-specific constituents for the SSTs have been added to the sampling list for these wells, all of which are located north of WMA T. No data on radionuclides from these wells were received this quarter. Additional wells to supplement the groundwater quality assessment program south of WMAs T and TX-TY are being identified and checked before having any remedial work performed and adding them to the SST network. These two WMAs are in groundwater quality assessment status because of elevated specific conductance. Wells are being added to these networks to provide data for determining the possible extent of the high conductivity plume in groundwater beneath these two WMAs, and whether the SSTs are the source responsible for this elevated specific conductance.

15.3.1 Waste Management Area A-AX

Analyses of unfiltered samples for iron exceed the 300-ppb secondary maximum contaminant level (SMCL) in all wells. Unfiltered chromium analyses also exceed the 50-ppb limit in all wells. Unfiltered manganese analyses exceed the limit in wells 2-E24-19 and 2-E25-41. Filtered chromium exceeded the limit of 50 ppb in well 2-E24-19, continuing a trend. Analyses of unfiltered and filtered samples for nickel continue to be elevated in well 2-E24-19 compared to other wells, but there is no limit for this constituent. Turbidity is elevated above 5 NTUs in three of the five wells sampled. Five analyses for iodine-129 range between 5.36 and 7.89 pCi/L. A plume of iodine-129 in groundwater underlies all SST sites in the 200 East Area.

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There were no exceedances of any critical mean (or critical range) for indicator parameters (field specific conductance, field pH, TOC, TOX) this quarter at WMA A-AX.

15.3.2 Waste Management Area B-BX-BY

Unfiltered analyses of chromium and iron exceed the DWS and SMCL in five and four wells, respectively. Analyses of filtered samples for these metals were all below limits this quarter. Analysis of a filtered sample for tin appears anomalous, as it is nearly three times greater than for the unfiltered analysis. Blank contamination is reported for the suspect analysis, but a request for review of the data has been submitted. Eight analyses for iodine-129 this quarter ranged between 2.91 and 7.08 pCi/L.

There were no exceedances of the critical mean (or critical range) for indicator parameters for this quarter.

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15.3.3 Waste Management Area C

Analyses of unfiltered samples of iron and chromium exceed the limits in four (of five) wells this quarter, but analyses of filtered samples for these metals are below limits. Five samples for iodine-129 range between 2.72 and 5.78 pCi/L this quarter.

Quadruplicate measurements of field pH for well 2-E27-14 are below 6.5 this quarter, but these data depart from historical trends and an RADE has been filed on these results. Through seven quarters (28 measurements), pH has ranged between 7.9 and 8.2 for samples taken from this well.

Critical means for field-specific conductance and TOC along with the critical range for pH were recalculated using upgradient wells 2-E27-14 (a RCRA standard well) and 2-E27-7 (a pre-RCRA well with surface and annular seals, carbon steel casing, and a stainless steel screen) for the period July 1991 through September 1993. There were no exceedances of the revised critical means or critical range for this quarter.

15.3.4 Waste Management Area S-SX

Analyses of unfiltered samples for chromium, iron, and manganese exceed limits in several wells, but filtered results for these metals are all below limits. An exceedingly high value of 13,000 ppb was found in an analysis of an unfiltered sample for aluminum in well 2-W22-44, but aluminum was not detected in the analysis of the filtered sample. Typical values for aluminum in Hanford Site groundwater range up to a few hundred parts per billion (Johnson 1993), so a value of 13,000 ppb is suspect. Turbidity is 360 NTUs for this sample, and several other samples also had elevated turbidity and unfiltered aluminum. Analysis of an unfiltered sample did not detect cobalt; however, the analysis of the filtered sample showed 12 ppb. These results are suspect and an RADE has been filed. Gross beta was elevated at 151, 158, and 481 pCi/L in wells 2-W22-39, 2-W22-46, and 2-W23-15, respectively, and is likely due to technetium-99 at 754, 646, and 1,930 pCi/L, respectively.

Tritium exceeds the 20,000-pCi/L limit in wells 2-W23-14 and 2-W23-15 at 109,000 and 89,400 pCi/L, respectively. Iodine-129 was either not detected or was below 1 pCi/L for all samples this quarter.

One value for pH barely exceeded the 8.5 limit in well 2-W23-13 (at 8.52), but the average of four measurements of field pH is below 8.5 and the laboratory pH for this well is 8.1. All other values for indicator parameters did not exceed the critical mean or critical range this quarter at WMA S-SX.

15.3.5 Waste Management Area T

Analyses of unfiltered samples for iron, manganese, and chromium greatly exceed limits this quarter for two samples obtained from well 2-W11-28, as well as in samples from other wells. Analyses of both unfiltered and filtered samples for manganese exceed the limit. Nitrate exceeds the DWS in upgradient well 2-W10-16 and downgradient wells 2-W10-15 and 2-W11-28 for the current quarter. Nitrite exceeds the 1,000-ppb limit in well 2-W11-28. Fluoride in downgradient well 2-W10-15 exceeds the 4,000-ppb DWS for both September 1993 and March 1994. Total dissolved solids (TDS) exceed the SMCL in all wells except 2-W11-27 as shown in Table 15-16. Tritium is elevated above the 20,000-pCi/L standard in all wells except 2-W11-27. Carbon tetrachloride exceeds the DWS in all wells this quarter. Trichloroethene exceeds the DWS in all wells except 2-W11-27. Iodine-129 was either not detected or was below 1 pCi/L in all samples this quarter.

Remediated well 2-W11-28 was sampled on January 31 and March 21, 1994. Carbon steel casing rollers used in the remediation of this well broke from the drill string during remediation and now rest at the bottom of the screen. Data are flagged (a P flag follows values for this well in Tables 15-13 through 15-17) until no effects of the steel on groundwater quality are observed. After remediation, an NCR was prepared because the well departs from conditions in the generic specification for well construction and because of elevated turbidity (the only previous sample from this well in May 1992 had a turbidity of 170 NTUs). Turbidity for the January 31 sampling was 92 NTUs; turbidity for the March 21 sampling was 29 NTUs. These elevated turbidities indicate that the remediation of the well has not been successful. Suspended particulate may have contributed to the elevated results in unfiltered samples for chromium, manganese, and iron. Contingency planning to replace or reconstruct the well is underway.

The average of quadruplicate measurements of field-specific conductance is very close to the critical mean for specific conductance in downgradient well 2-W10-15. Specific conductance in this well has exceeded the critical mean in the past and has triggered this site into assessment monitoring. The laboratory measurement of field-specific conductance exceeds the critical mean. Measurements of field- and laboratory-specific conductance in all other wells are below the critical mean for conductivity; however, specific conductance in wells 2-W10-16 and 2-W11-28 exceeds the 700-μmho/cm limit in RCW 248. TOC and pH do not exceed the critical mean and critical range, respectively, for this quarter.

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15.3.6 Waste Management Area TX-TY

Chromium and iron exceed limits in analyses of unfiltered samples from all wells. Tritium is elevated above the DWS in downgradient well 2-W14-12 at WMA TX-TY and is at the 20,000 pCi/L limit in upgradient well 2-W15-22 in the December sample result and above in the March 1994 result. Silver, at 16,512 ppb in an analysis of an unfiltered sample from well 2-W10-17, departs significantly from the historical trend for this metal and an RADE has been filed. Nitrate exceeds the limit in all wells. Gross beta of 1,610 pCi/L in well 2-W15-22 is apparently due to elevated technetium-99, but the values for gross beta and ^{99}Tc are disproportionate and a RADE has been filed. Fluoride exceeded the 4,000-ppb DWS in September 1993 in well 2-W14-12, but not in March 1994. Fluoride is elevated in other downgradient wells at WMA TX-TY, compared with usual values in Hanford Site groundwater (Johnson 1993, Table A-1-2), but does not exceed the 4,000-ppb DWS. Turbidity is elevated in wells 2-W10-18 and 2-W15-22. Carbon tetrachloride exceeds the limit in all wells this quarter. A large plume of carbon tetrachloride exists in groundwater in the 200 West Area (DOE 1994a). Trichloroethene exceeds the DWS in upgradient well 2-W15-22 and downgradient well 2-W10-17. Iodine-129 in wells 2-W14-12 and 2-W15-22 was 34.20 and 35.90 pCi/L; it was below 1 pCi/L in other wells. TDS is above the SMCL in downgradient well 2-W14-12 at 850 ppm.

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Field conductivities measured at downgradient wells 2-W10-17 and 2-W14-12 continue to exceed the SMCL and the critical mean for two measurements in December 1993 and March 1994 in each well. Elevated specific conductance has triggered this site into assessment monitoring. Measurements of pH are within the critical range. TOC did not exceed the upgradient/downgradient comparison value (DOE 1994a).

15.3.7 Waste Management Area U

Iron and chromium exceed the limit in analyses of unfiltered samples in all wells, but analyses of filtered samples are below the limit except for well 2-W19-32 in which chromium is 54 ppb. Carbon tetrachloride exceeds the DWS in well 2-W18-25 this quarter. Chloride is significantly higher in downgradient well 2-W19-32 (30,000 ppb) than in all other wells (range = 3,000 to 9,600 ppb) this quarter, although it is well below the SMCL of 250,000 ppb.

Values for specific conductance are consistent with previous quarters and do not exceed the SMCL for conductivity.

There were no exceedances of the critical mean or critical range for data reported this quarter. The background levels for indicator parameters will have to be re-calculated because of a change in groundwater flow direction beneath WMA U. An additional well northwest of WMA U will be installed next year to accommodate this change and to reconfigure the monitoring network.

Figure 15-1. Single-Shell Tank Waste Management Areas in the 200 East Area.

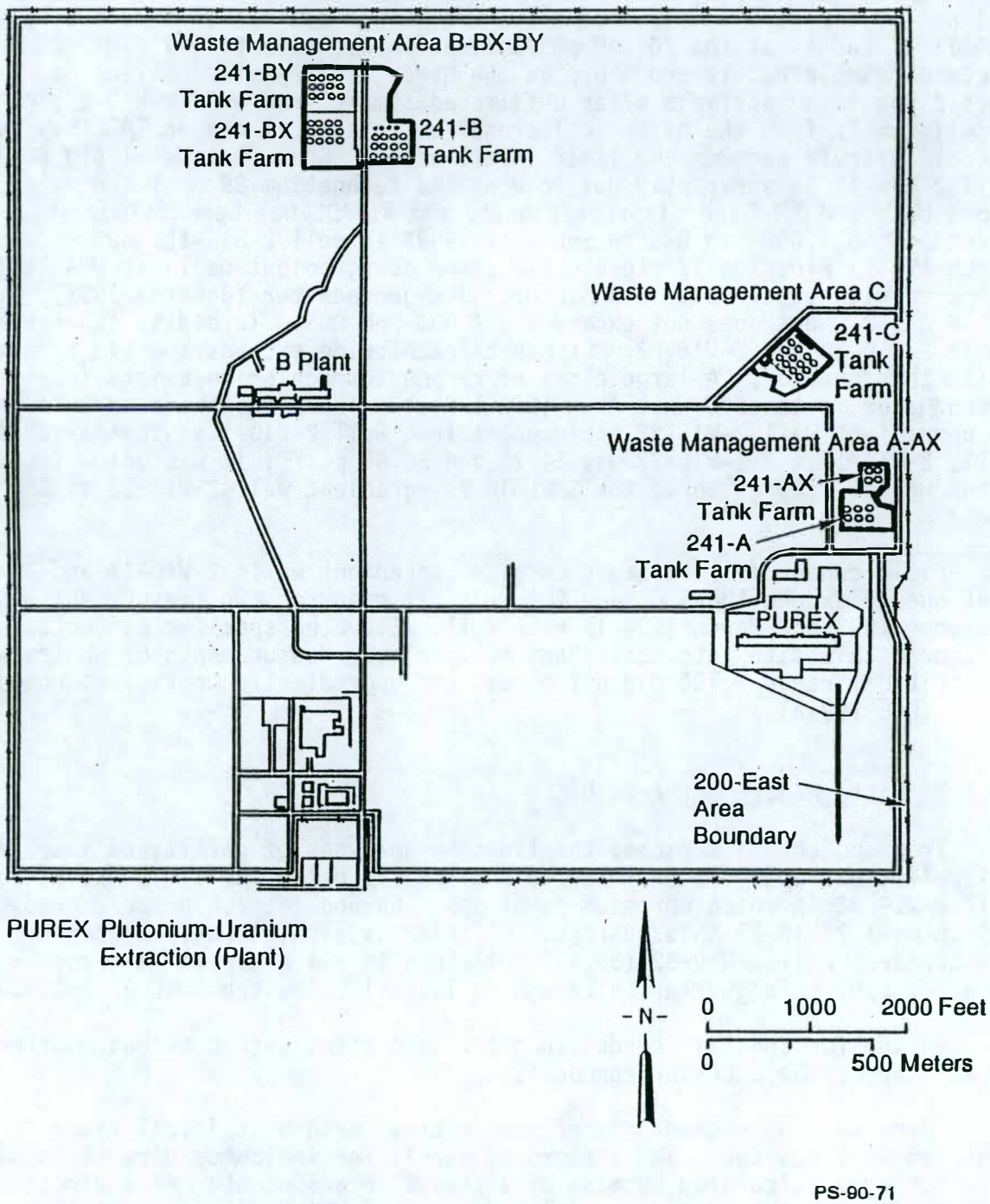

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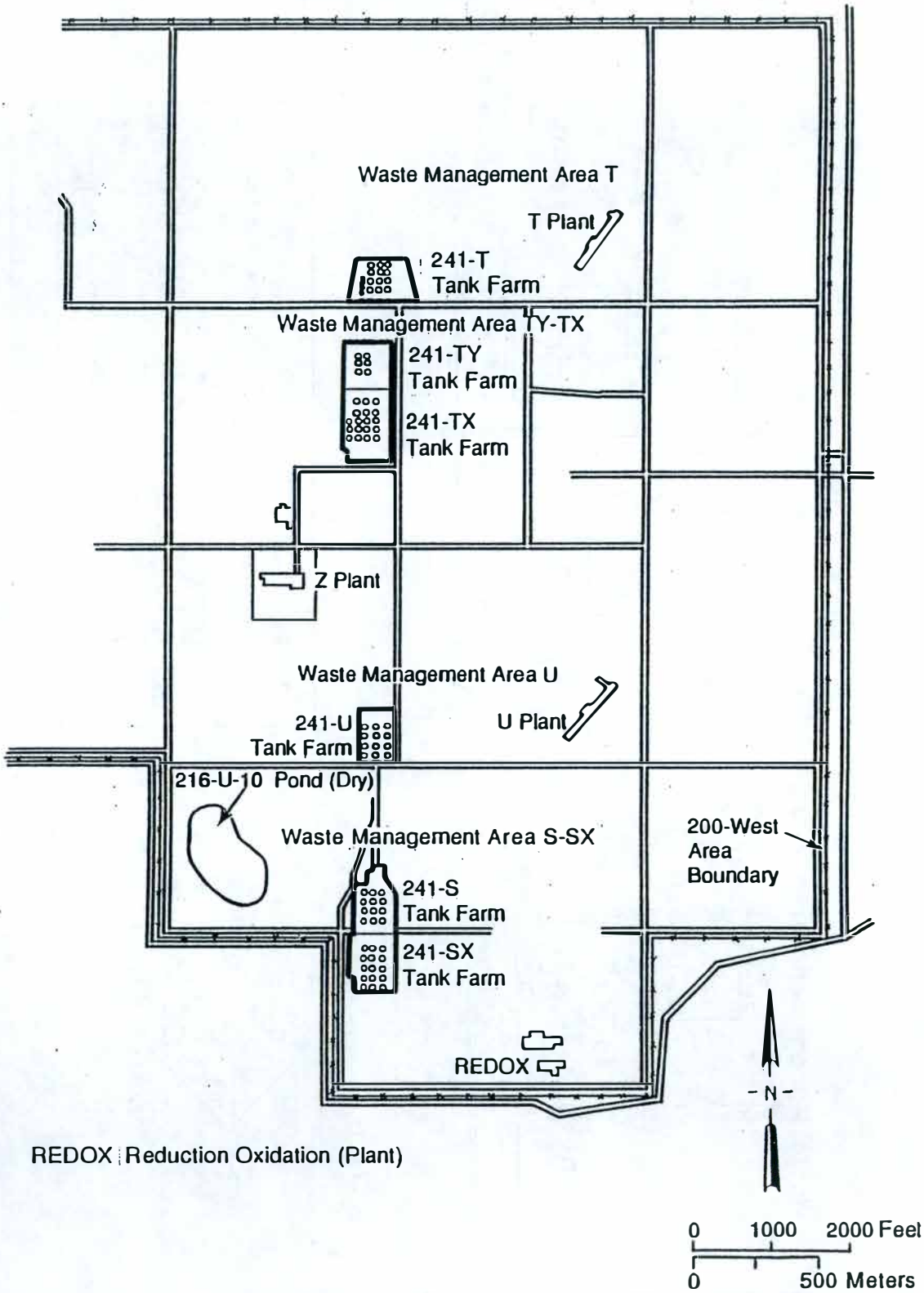
Figure 15-2. Single-Shell Tank Waste Management Areas in the 200 West Area.



REDOX Reduction Oxidation (Plant)

PS-90-69

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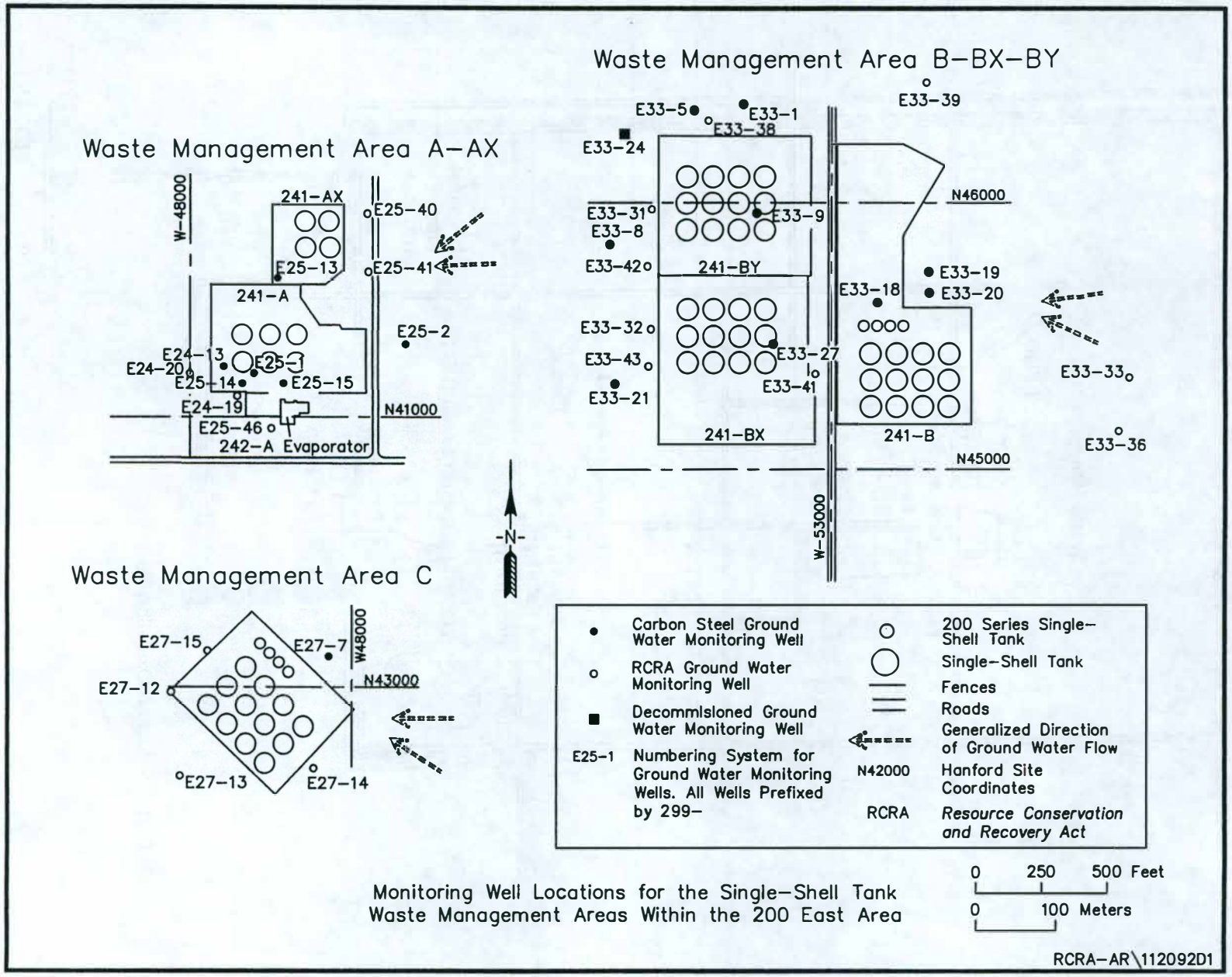

Monitoring Well Locations for the Single-Shell Tank Waste Management Areas Within the 200 East Area

Figure 15-3. Well Location Map for the Single-Shell Tank Waste Management Areas in the 200 East Area.

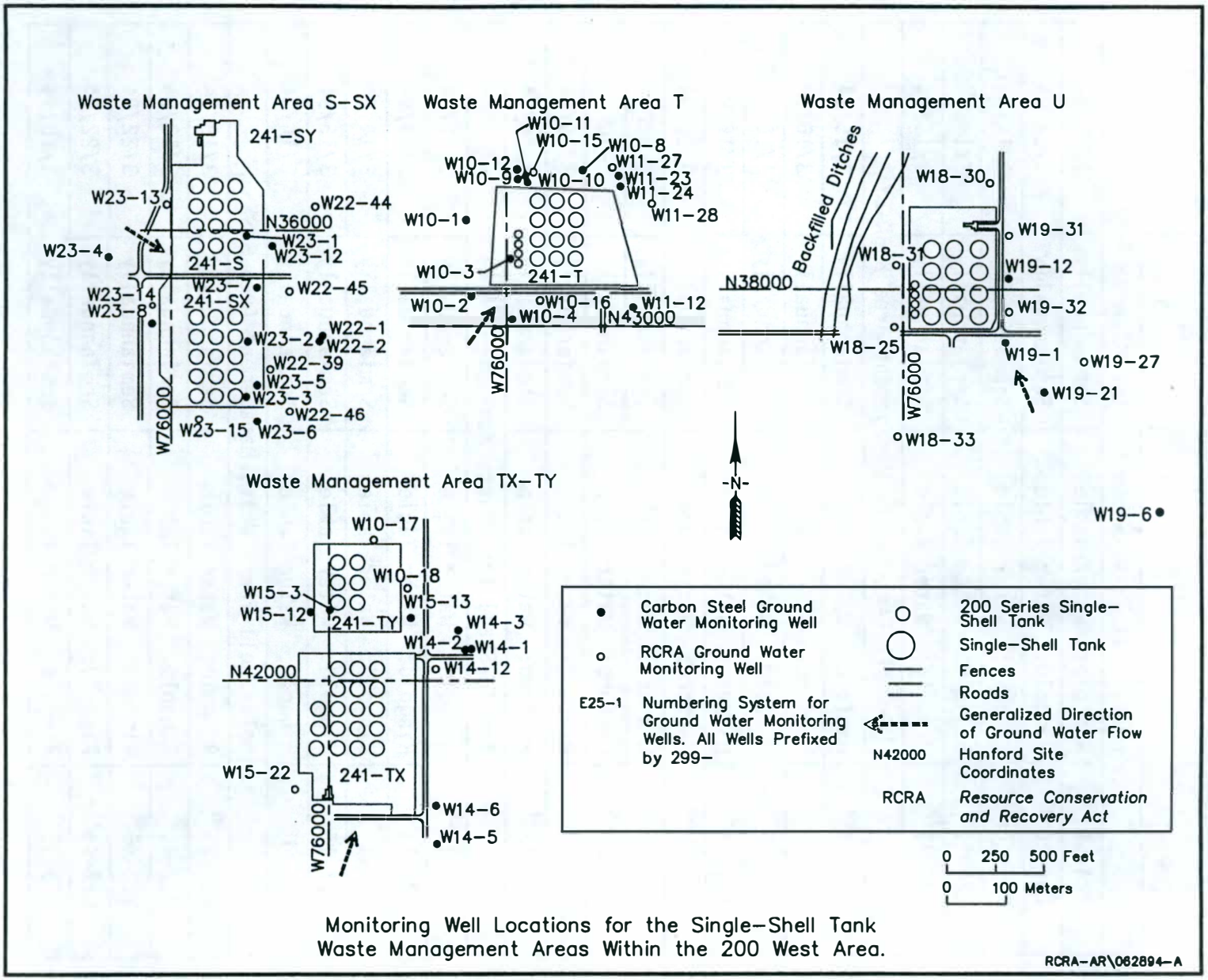

Figure 15-4. Well Location Map for the Single-Shell Tank Waste Management Areas in the 200 West Area.

Monitoring Well Locations for the Single-Shell Tank Waste Management Areas Within the 200 West Area.

Table 15-1. Groundwater Monitoring Wells for the Single-Shell Tanks. (sheet 1 of 2)

Well no. (299-)	Aquifer[a]	Sample frequency	Sample date, 1st Qtr 1994
Single-Shell Tanks Waste Management Area A-AX			
E24-19[89]	Ringold: Water Table	Semiannually	3/15/94
E24-20[90]	Ringold: Water Table	Semiannually	3/14/94
E25-40[89]	Ringold: Water Table	Semiannually	3/14/94
E25-41[89]	Ringold: Water Table	Semiannually	3/14/94
E25-46[92]	Ringold: Water Table	Semiannually	3/15/94
Single-Shell Tanks Waste Management Area B-BX-BY			
E33-31[89]	Hanford: Water Table	Semiannually	3/16/94
E33-32[89]	Hanford: Water Table	Semiannually	3/16/94
E33-33[89]	Hanford: Water Table	Semiannually	3/15/94
E33-36[90]	Hanford: Water Table	Semiannually	3/15/94
E33-41[90b]	Hanford: Water Table	Semiannually	3/16/94
E33-38[90c]	Hanford: Water Table	Semiannually	NS
E33-39[90c]	Hanford: Water Table	Semiannually	NS
E33-42[91]	Hanford: Water Table	Semiannually	3/16/94
E33-43[91]	Hanford: Water Table	Semiannually	3/16/94
Single-Shell Tank Waste Management Area C			
E27-12[89]	Ringold: Water Table	Semiannually	3/15/94
E27-13[89]	Ringold: Water Table	Semiannually	3/14/94
E27-14[89]	Ringold: Water Table	Semiannually	3/14/94
E27-15[89]	Ringold: Water Table	Semiannually	3/16/94
E27-7[82]	Ringold: Water Table	Semiannually	3/14/94
Single-Shell Tanks Waste Management Area S-SX			
W22-39[90]	Ringold: Water Table	Semiannually	3/18/94
W22-44[91]	Ringold: Water Table	Semiannually	3/18/94
W22-45[92]	Ringold: Water Table	Semiannually	3/22/94
W22-46[91]	Ringold: Water Table	Semiannually	3/22/94
W23-13[91]	Ringold: Water Table	Semiannually	3/18/94

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Table 15-1. Groundwater Monitoring Wells for the Single-Shell Tanks. (sheet 2 of 2)

Well no. (299-)	Aquifer[a]	Sample frequency	Sample date, 1st Qtr 1994
W23-14[90]	Ringold: Water Table	Semiannually	3/18/94
W23-15[91]	Ringold: Water Table	Semiannually	3/18/94
Single-Shell Tanks Waste Management Area T			
W10-15[89]	Ringold: Water Table	Quarterly	3/17/94
W10-16[89]	Ringold: Water Table	Quarterly	3/17/94
W11-27[91]	Ringold: Water Table	Quarterly	3/17/94
W11-28[91]	Ringold: Water Table	Quarterly	1/31/94 3/21/94
Single-Shell Tanks Waste Management Area TX-TY			
W10-17[90]	Ringold: Water Table	Quarterly	3/21/94
W10-18[90]	Ringold: Water Table	Quarterly	3/22/94
W14-12[91]	Ringold: Water Table	Quarterly	3/17/94
W15-22[90]	Ringold: Water Table	Quarterly	3/17/94
Single-Shell Tanks Waste Management Area U			
W18-25[90]	Ringold: Water Table	Semiannually	3/28/94
W18-30[91]	Ringold: Water Table	Semiannually	3/28/94
W18-31[91]	Ringold: Water Table	Semiannually	3/22/94
W19-31[90]	Ringold: Water Table	Semiannually	3/28/94
W19-32[90]	Ringold: Water Table	Semiannually	3/28/94
W19-12[83]	Ringold: Water Table	Semiannually	NS

Notes: Shading denotes upgradient wells. Superscript following well number denotes the year of installation.

[a]Wells are screened either in sand and gravel of the Hanford formation or in matrix-supported silty sandy gravel of the Ringold Formation.

[b]Well in middle of WMA B-BX-BY and not clearly upgradient or downgradient. Therefore, data from sampling/analyses in this well are not used in statistical evaluations.

[c]Part of 200-BP-1 network. Not sampled regularly as RCRA wells.

NS = not sampled.

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Table 15-2. RCRA Water Level Measurement Report for the Single-Shell Tanks, First Quarter 1994. (sheet 1 of 8)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
	241-A/AX Tank Farm Wells		
299-E24-19	1/25/94	292.18	401.67
	2/25/94	292.11	401.74
	3/15/94	290.86	402.99*+
	3/18/94	292.13	401.72
299-E24-20	1/25/94	287.54	401.74
	2/25/94	287.45	401.83
	3/14/94	287.04	402.24*
	3/18/94	287.45	401.83
299-E25-2	1/25/94	273.77	401.88
	2/25/94	273.70	401.95
	3/18/94	273.72	401.93
299-E25-40	1/25/94	264.11	401.80
	2/25/94	264.06	401.85
	3/14/94	263.89	402.02*
	3/18/94	264.09	401.82
299-E25-41	1/25/94	269.59	401.87
	2/25/94	269.53	401.93
	3/14/94	269.48	401.98*
	3/18/94	269.57	401.89
299-E25-46	1/25/94	292.95	401.86
	2/25/94	292.93	401.88
	3/15/94	292.75	402.06*
	3/18/94	292.96	401.85
	241-B/BX/BY Tank Farm Wells		
299-E33-1	1/25/94	230.49	401.62
	2/25/94	230.45	401.66
	3/18/94	230.44	401.67
299-E33-18	1/25/94	250.18	401.68
	2/25/94	250.13	401.73
	3/18/94	250.08	401.78

9413280.1937

Table 15-2. RCRA Water Level Measurement Report for the Single-Shell Tanks, First Quarter 1994. (sheet 2 of 8)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
241-B/BX/BY Tank Farm Wells			
299-E33-21	1/25/94	266.70	401.63
	2/25/94	266.67	401.66
	3/18/94	266.64	401.69
299-E33-31	1/25/94	245.87	401.61
	2/25/94	245.85	401.63
	3/16/94	245.31	402.17*
	3/18/94	245.77	401.71
299-E33-32	1/25/94	258.53	401.50
	2/25/94	258.52	401.51
	3/16/94	258.01	402.02*
	3/18/94	258.52	401.51
299-E33-33	1/25/94	238.77	401.60
	2/25/94	238.74	401.63
	3/15/94	238.67	401.70*
	3/18/94	238.74	401.63
299-E33-38	3/28/94	230.57	401.38
299-E33-39	3/28/94	222.12	401.20
299-E33-41	1/25/94	253.32	401.63
	2/25/94	253.21	401.74
	3/16/94	253.68	401.27*
	3/18/94	253.29	401.66
299-E33-42	1/25/94	252.67	401.63
	2/25/94	252.66	401.64
	3/16/94	252.41	401.89*
	3/18/94	252.65	401.65
299-E33-43	1/25/94	261.14	401.54
	2/25/94	261.17	401.51
	3/16/94	260.22	402.46*+
	3/18/94	261.19	401.49

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Table 15-2. RCRA Water Level Measurement Report for the Single-Shell Tanks, First Quarter 1994. (sheet 3 of 8)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
	241-B/BX/BY Tank Farm Wells		
299-E33-5	1/25/94	233.09	401.63
	2/25/94	233.01	401.71
	3/18/94	232.99	401.73
299-E33-8	1/25/94	249.30	401.63
	2/25/94	249.25	401.68
	3/18/94	249.22	401.71
	241-C Tank Farm Wells		
299-E27-12	1/25/94	259.43	401.72
	2/25/94	259.44	401.71
	3/15/94	259.36	401.79*
	3/18/94	259.40	401.75
299-E27-13	1/25/94	267.32	401.87
	2/25/94	267.28	401.91
	3/14/94	267.72	401.47*
	3/18/94	267.28	401.91
299-E27-14	1/25/94	256.82	401.72
	2/25/94	256.77	401.77
	3/14/94	256.76	401.78*
	3/18/94	256.77	401.77
299-E27-15	1/25/94	252.84	400.03
	2/25/94	252.85	400.02
	3/16/94	248.10	404.77*+
299-E27-7	1/25/94	233.00	401.87
	2/25/94	232.96	401.91
	3/14/94	233.26	401.61*
	3/18/94	232.98	401.89

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Table 15-2. RCRA Water Level Measurement Report for the Single-Shell Tanks, First Quarter 1994. (sheet 4 of 8)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
	241-S/SX Tank Farm Wells		
299-W22-39#	1/25/94	210.38	457.88
	2/25/94	210.54	457.72
	3/18/94	210.23	458.03+
	3/25/94	210.59	457.67*
299-W22-44#	1/25/94	218.09	460.04
	2/25/94	218.22	459.91
	3/18/94	269.95	408.18*+
	3/18/94	217.78	460.35
299-W22-45#	1/25/94	207.65	458.56
	2/25/94	207.81	458.40
	3/22/94	207.73	458.48*
299-W22-46#	1/25/94	213.55	457.63
	2/25/94	213.69	457.49
	3/18/94	213.44	457.74
	3/22/94	213.60	457.58*
299-W23-13#	1/25/94	205.81	460.52
	2/25/94	205.97	460.36
	3/18/94	205.74	460.59
	3/18/94	205.08	461.25*
299-W23-14#	1/25/94	204.11	459.89
	2/25/94	204.31	459.69
	3/18/94	203.98	460.02
	3/18/94	202.40	461.60*
299-W23-15#	1/25/94	196.89	458.55
	2/25/94	197.06	458.38
	3/18/94	196.79	458.65
	3/18/94	196.75	458.69*
299-W23-6#	1/25/94	209.01	458.01
	2/25/94	209.19	457.83
	3/18/94	208.91	458.11

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Table 15-2. RCRA Water Level Measurement Report for the Single-Shell Tanks, First Quarter 1994. (sheet 5 of 8)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
	241-T Tank Farm Wells		
299-W23-8#	1/25/94	203.94	460.01
	2/25/94	204.09	459.86
	3/18/94	203.78	460.17
299-W10-10#	1/25/94	214.20	461.15
	2/25/94	214.24	461.11
	3/18/94	213.84	461.51
299-W10-11#	1/25/94	214.08	461.44
	2/25/94	214.13	461.39
	3/18/94	213.70	461.82
299-W10-12#	1/25/94	213.80	461.21
	2/25/94	213.85	461.16
	3/18/94	213.42	461.59
299-W10-15#	1/25/94	214.77	461.13
	2/25/94	214.81	461.09
	3/17/94	214.10	461.80*
	3/18/94	214.38	461.52
299-W10-16#	1/25/94	211.41	461.61
	2/25/94	211.52	461.50
	3/17/94	210.56	462.46*
	3/18/94	210.99	462.03
299-W10-8#	1/25/94	219.44	460.87
	2/25/94	219.49	460.82
	3/18/94	219.06	461.25
299-W10-9#	1/25/94	213.59	461.34
	2/25/94	213.64	461.29
	3/18/94	213.22	461.71
299-W11-23#	1/25/94	227.58	460.56
	2/25/94	227.65	460.49
	3/18/94	227.20	460.94
299-W11-24#	1/25/94	226.36	461.07
	2/25/94	226.44	460.99
	3/18/94	225.98	461.45

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Table 15-2. RCRA Water Level Measurement Report for the Single-Shell Tanks, First Quarter 1994. (sheet 6 of 8)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
	241-T Tank Farm Wells		
299-W11-27#	1/25/94	224.48	460.79
	2/25/94	224.58	460.69
	3/17/94	224.37	460.90*
	3/18/94	224.12	461.15
	241-TX/TY Tank Farm Wells		
299-W10-17#	1/25/94	209.16	461.68
	2/25/94	209.23	461.61
	3/18/94	208.80	462.04
	3/21/94	209.03	461.81*
299-W10-18#	1/25/94	208.32	462.61
	2/25/94	208.43	462.50
	3/18/94	207.85	463.08
	3/22/94	208.25	462.68*
299-W14-12#	1/25/94	207.07	463.45
	2/25/94	207.23	463.29
	3/17/94	206.76	463.76*
	3/18/94	206.73	463.79
299-W15-12#	1/25/94	207.42	462.65
	2/25/94	207.46	462.61
	3/18/94	207.01	463.06
299-W15-13#	1/25/94	207.35	462.77
	2/25/94	207.45	462.67
	3/18/94	206.99	463.13
299-W15-22#	1/25/94	206.23	464.54
	2/25/94	206.36	464.41
	3/17/94	206.50	464.27*
	3/18/94	205.96	464.81

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Table 15-2. RCRA Water Level Measurement Report for the Single-Shell Tanks, First Quarter 1994. (sheet 7 of 8)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
	241-U Tank Farm Wells		
299-W18-25#	1/25/94	201.88	464.16
	2/25/94	202.10	463.94
	3/18/94	201.80	464.24
	3/28/94	199.86	466.18*
299-W18-30#	1/25/94	208.44	464.40
	2/25/94	208.61	464.23
	3/18/94	208.30	464.54
	3/28/94	208.09	464.75*
299-W18-31#	1/25/94	199.92	464.24
	2/25/94	200.13	464.03
	3/18/94	199.82	464.34
	3/22/94	200.21	463.95*
299-W18-33#	1/25/94	205.29	463.62
	2/25/94	205.53	463.38
	3/18/94	205.18	463.73
299-W19-12#	1/25/94	208.82	464.43
	2/25/94	208.96	464.29
	3/18/94	208.64	464.61
299-W19-21#	1/25/94	213.95	464.84
	2/25/94	214.19	464.60
	3/18/94	213.98	464.81
299-W19-27#	1/25/94	219.46	464.45
	2/09/94	218.90	465.01*
	2/25/94	219.63	464.28
	3/18/94	219.34	464.57
299-W19-31#	1/25/94	209.79	464.40
	2/25/94	209.92	464.27
	3/18/94	209.42	464.77
	3/28/94	208.85	465.34*+
299-W19-32#	1/25/94	210.32	464.58
	2/25/94	210.51	464.39
	3/18/94	210.15	464.75
	3/28/94	210.15	464.75*

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Table 15-2. RCRA Water Level Measurement Report for the Single-Shell Tanks, First Quarter 1994. (sheet 8 of 8)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
	241-U Tank Farm Wells		
299-W19-6#	1/25/94	226.78	459.82
	2/25/94	226.98	459.62
	3/18/94	226.55	460.05

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. Elevations marked with a '+' are outside of the expected range, and are suspected of error.
5. To convert from feet to meters multiply by 0.3048.
6. An anomalous water level rise between February and March 1994 water level measurements was observed. Increases in water level elevation in 34 (of 34) 200 West Area SST wells ranged between 6.4 and 17.8 cm (0.21 and 0.58 ft), with an average rise of 11.6 cm (0.38 ft). These wells are marked with a #. See text for more information.

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Table 15-3. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area A-AX Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			20	20	
CONDUCT	73	Conductivity, lab	µmho				5	5	
TOC		Total Organic Carbon	ppb	320			20	20	
TOX		Total Organic Halogen	ppb	5			18	8	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	20	20	0
PH	125	pH, lab	pH		6.5-8.5	EPAS	5	5	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
BARIUM		Barium	ppb	1.3	1000	EPAI	5	5	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	5	5	0
CADMIUM		Cadmium	ppb	3	10	EPAI	5	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	5	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	5	5	5
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	5	2	1
FLUORID		Fluoride	ppb	51	1400	EPAI	5	5	0
ALPHA		Gross alpha	pCi/L		15	EPA	2	2	0
NITRATE		Nitrate	ppb	96	45000	EPA	5	5	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	5	5	0
IRON		Iron	ppb	18	300	EPAS	5	5	5
FIRON		Iron, filtered	ppb	18	300	EPAS	5	5	0
MANGESE		Manganese	ppb	1	50	EPAS	5	5	2
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	5	5	0
LPHENOL		Phenol	ppb	.57			4	0	
SODIUM		Sodium	ppb	150			5	5	
FSODIUM		Sodium, filtered	ppb	150			5	5	
SULFATE		Sulfate	ppb	89	250000	EPAS	5	5	0

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Table 15-3. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area A-AX Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
246-trp		2,4,6-Trichlorophenol	ppb	1.6			4	0	
24-dchp		2,4-Dichlorophenol	ppb	1.5			4	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			4	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			4	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			4	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			4	0	
2NITPH		2-Nitrophenol	ppb	1.7			4	0	
BUTDINP		2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			4	0	
46DN2MP		4,6-Dinitro-2-methylphenol	ppb	1.6			4	0	
CHLCRES		4-Chloro-3-methylphenol	ppb	1.5			4	0	
NITPHEN		4-Nitrophenol	ppb	1.4			4	0	
ALUMNUM		Aluminum	ppb	19			5	5	
FALUMIN		Aluminum, filtered	ppb	19			5	3	
ANTIONY		Antimony	ppb	26			5	3	
FANTIMO		Antimony, filtered	ppb	26			5	0	
BERYLUM		Beryllium	ppb	1.5			5	0	
FBERYLL		Beryllium, filtered	ppb	1.5			5	0	
BROMIDE		Bromide	ppb	110			5	0	
CALCIUM		Calcium	ppb	47			5	5	
FCALCIU		Calcium, filtered	ppb	47			5	5	
COBALT		Cobalt	ppb	6.5			5	3	
FCOBALT		Cobalt, filtered	ppb	6.5			5	2	
COPPER		Copper	ppb	2.6	1000	EPAS	5	5	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	5	3	0
CRESOLS		Cresols (methylphenols)	ppb	4.8			4	0	
BETA		Gross beta	pCi/L				2	2	
I-129L		Iodine-129, Low level	pCi/L				5	5	
MAGNES		Magnesium	ppb	25			5	5	
FMAGNES		Magnesium, filtered	ppb	25			5	5	
NICKEL		Nickel	ppb	16			5	5	
FNICKEL		Nickel, filtered	ppb	16			5	2	
NITRITE		Nitrite	ppb	110	1000	EPA	5	0	0
PENTCHP		Pentachlorophenol	ppb	1.7	1	EPA	4	0	4*
PHOSPHA		Phosphate	ppb	470			5	0	
POTASUM		Potassium	ppb	890			5	5	
FPOTASS		Potassium, filtered	ppb	890			5	5	
SILVER		Silver	ppb	3.4	50	EPAI	5	0	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	5	0	0
SR-90		Strontium-90	pCi/L		8	EPA	5	0	0
TC-99		Technetium-99	pCi/L		900	EPA	5	4	0
TETPHNL		Tetrachlorophenols	ppb	1.4			4	0	
TIN		Tin	ppb	24			5	2	
FTIN		Tin, filtered	ppb	24			5	3	
TDS		Total Dissolved Solids	ppm	10	500	EPAS	5	5	0
TRIPHNL		Trichlorophenols	ppb	2.1			4	0	
TRITIUM		Tritium	pCi/L		20000	EPA	2	2	0
TURBID		Turbidity	NTU	.016			5	5	
URANIUM		Uranium	ppb				5	5	
VANADUM		Vanadium	ppb	6.4			5	5	
FVANADI		Vanadium, filtered	ppb	6.4			5	5	
ZINC		Zinc	ppb	4.4	5000	EPAS	5	4	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	5	1	0

For explanation of this table, see Section 1.4 of report.

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Table 15-4. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area A-AX Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 4)

Well Name	Collection Date	Sample Number	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	ANTIONY 34/ppb 26/.	FANTIMO 34/ppb 26/.
299-E24-19	3/15/94	B0BJC7	270.00		26.00 U	
299-E24-19	3/15/94	B0BJD1		22.00 L		26.00 U
299-E24-20	3/14/94	B0BJF0	61.00 L		27.00 LB	
299-E24-20	3/14/94	B0BJF8		34.00 L		26.00 U
299-E25-40	3/14/94	B0BJG1	91.00 L		33.00 LB	
299-E25-40	3/14/94	B0BJG9		22.00 L		26.00 U
299-E25-41	3/14/94	B0BJH3	73.00 L		26.00 U	
299-E25-41	3/14/94	B0BJH9		19.00 U		26.00 U
299-E25-46	3/15/94	B0BJJ5	72.00 L		27.00 L	
299-E25-46	3/15/94	B0BJJ9		19.00 U		26.00 U

Well Name	Collection Date	Sample Number	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.
299-E24-19	3/15/94	B0BJC7	30.00		26000.00	
299-E24-19	3/15/94	B0BJD1		26.00		26000.00
299-E24-20	3/14/94	B0BJF0	31.00		29000.00	
299-E24-20	3/14/94	B0BJF8		31.00		29000.00
299-E25-40	3/14/94	B0BJG1	21.00		30000.00	
299-E25-40	3/14/94	B0BJG9		19.00 L		30000.00
299-E25-41	3/14/94	B0BJH3	26.00		32000.00	
299-E25-41	3/14/94	B0BJH9		24.00		32000.00
299-E25-46	3/15/94	B0BJJ5	36.00		30000.00	
299-E25-46	3/15/94	B0BJJ9		35.00		28000.00

Well Name	Collection Date	Sample Number	CHLORID 124/ppb 71/250000s	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COBALT 34/ppb 6.5/.
299-E24-19	3/15/94	B0BJC7	3600.00	150.00		12.00 L
299-E24-19	3/15/94	B0BJD1			60.00	
299-E24-20	3/14/94	B0BJF0	4700.00	150.00		6.50 U
299-E24-20	3/14/94	B0BJF8			11.00 U	
299-E25-40	3/14/94	B0BJG1	4600.00	250.00		9.90 LB
299-E25-40	3/14/94	B0BJG9			27.00	
299-E25-41	3/14/94	B0BJH3	3600.00	640.00		17.00 LB
299-E25-41	3/14/94	B0BJH9			11.00 U	
299-E25-46	3/15/94	B0BJJ5	4700.00	150.00		6.50 U
299-E25-46	3/15/94	B0BJJ9			11.00 U	

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Table 15-4. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area A-AX Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 4)

Well Name	Collection Date	Sample Number	FCOBALT 34/ppb 6.5/.	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i
299-E24-19	3/15/94	BOBJC7		15.00 L		600.00
299-E24-19	3/15/94	BOBJD1	6.50 U		2.60 U	
299-E24-20	3/14/94	BOBJF0		22.00		600.00
299-E24-20	3/14/94	BOBJF8	7.50 BL		6.70 L	
299-E25-40	3/14/94	BOBJG1		19.00 L		600.00
299-E25-40	3/14/94	BOBJG9	6.50 U		3.70 L	
299-E25-41	3/14/94	BOBJH3		34.00		600.00
299-E25-41	3/14/94	BOBJH9	6.50 U		3.70 L	
299-E25-46	3/15/94	BOBJJ5		13.00 L		600.00
299-E25-46	3/15/94	BOBJJ9	7.00 L		2.60 U	

Well Name	Collection Date	Sample Number	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	I-129 139/pCi/L ./.	IRON 34/ppb 18/300s
299-E24-19	3/15/94	BOBJC7	1.87	11.60	6.21	1100.00 B
299-E24-20	3/14/94	BOBJF0			6.13	680.00
299-E25-40	3/14/94	BOBJG1			7.89	1100.00
299-E25-41	3/14/94	BOBJH3			6.82	2700.00
299-E25-46	3/15/94	BOBJJ5	2.17	3.42	5.36	700.00 B

Well Name	Collection Date	Sample Number	FIRON 34/ppb 18/300s	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s
299-E24-19	3/15/94	BOBJC7		7900.00		82.00
299-E24-19	3/15/94	BOBJD1	74.00 B		7800.00	
299-E24-20	3/14/94	BOBJF0		9000.00		17.00
299-E24-20	3/14/94	BOBJF8	45.00		8900.00	
299-E25-40	3/14/94	BOBJG1		8600.00		29.00
299-E25-40	3/14/94	BOBJG9	83.00		8500.00	
299-E25-41	3/14/94	BOBJH3		10000.00		79.00
299-E25-41	3/14/94	BOBJH9	71.00		9800.00	
299-E25-46	3/15/94	BOBJJ5		8900.00		16.00
299-E25-46	3/15/94	BOBJJ9	58.00 B		8000.00	

Well Name	Collection Date	Sample Number	FMANGAN 34/ppb 1/50s	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000
299-E24-19	3/15/94	BOBJC7		130.00		4300.00
299-E24-19	3/15/94	BOBJD1	18.00		93.00	
299-E24-20	3/14/94	BOBJF0		76.00		9700.00 D
299-E24-20	3/14/94	BOBJF8	2.60 L		16.00 U	
299-E25-40	3/14/94	BOBJG1		100.00		3500.00
299-E25-40	3/14/94	BOBJG9	5.30 L		36.00	
299-E25-41	3/14/94	BOBJH3		310.00		4900.00
299-E25-41	3/14/94	BOBJH9	15.00		16.00 U	
299-E25-46	3/15/94	BOBJJ5		73.00		3100.00
299-E25-46	3/15/94	BOBJJ9	3.40 L		16.00 U	

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Table 15-4. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area A-AX Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 4)

Well Name	Collection Date	Sample Number	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.
299-E24-19	3/15/94	B0BJC7	5000.00		12000.00	
299-E24-19	3/15/94	B0BJD1		5400.00		13000.00
299-E24-20	3/14/94	B0BJF0	5200.00		15000.00	
299-E24-20	3/14/94	B0BJF8		5400.00		14000.00
299-E25-40	3/14/94	B0BJG1	5700.00		19000.00	
299-E25-40	3/14/94	B0BJG9		5500.00		19000.00
299-E25-41	3/14/94	B0BJH3	4900.00		15000.00	
299-E25-41	3/14/94	B0BJH9		4700.00		15000.00
299-E25-46	3/15/94	B0BJJ5	5800.00		15000.00	
299-E25-46	3/15/94	B0BJJ9		5600.00		13000.00

Well Name	Collection Date	Sample Number	SULFATE 124/ppb 89/250000s	TC-99 143/pCi/L ./900	TIN 34/ppb 24/.	FTIN 34/ppb 24/.
299-E24-19	3/15/94	B0BJC7	17000.00 D	34.90	24.00 U	
299-E24-19	3/15/94	B0BJD1				24.00 U
299-E24-20	3/14/94	B0BJF0	20000.00 D	6.58	24.00 U	
299-E24-20	3/14/94	B0BJF8				51.00 BL
299-E25-40	3/14/94	B0BJG1	34000.00 D	38.10	44.00 LB	
299-E25-40	3/14/94	B0BJG9				24.00 U
299-E25-41	3/14/94	B0BJH3	32000.00 D	7.49	24.00 U	
299-E25-41	3/14/94	B0BJH9				26.00 LB
299-E25-46	3/15/94	B0BJJ5	23000.00 D	1.84 U	49.00 LB	
299-E25-46	3/15/94	B0BJJ9				38.00 LB

Well Name	Collection Date	Sample Number	TDS 65/ppm 10/500s	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.	URANIUM 145/ppb ./.
299-E24-19	3/15/94	B0BJC7	170.00	3620.00	11.00 Q	2.44
299-E24-20	3/14/94	B0BJF0	200.00		2.70 Q	2.07
299-E25-40	3/14/94	B0BJG1	210.00		7.10 Q	2.49
299-E25-41	3/14/94	B0BJH3	210.00		8.50 Q	2.31
299-E25-46	3/15/94	B0BJJ5	180.00	3190.00	1.30 Q	1.92

Well Name	Collection Date	Sample Number	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-E24-19	3/15/94	B0BJC7	31.00		6.90 LBQ	
299-E24-19	3/15/94	B0BJD1		26.00 L		4.40 UQ
299-E24-20	3/14/94	B0BJF0	31.00		4.60 LBQ	
299-E24-20	3/14/94	B0BJF8		29.00 L		4.40 UQ
299-E25-40	3/14/94	B0BJG1	37.00		34.00 BQ	
299-E25-40	3/14/94	B0BJG9		28.00 L		4.40 UQ

Table 15-4. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area A-AX Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 4)

Well Name	Collection Date	Sample Number	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-E25-41	3/14/94	B0BJH3	31.00		5.90 LBQ	
299-E25-41	3/14/94	B0BJH9		28.00 L		4.40 UQ
299-E25-46	3/15/94	B0BJJ5	21.00 L		4.40 UQ	
299-E25-46	3/15/94	B0BJJ9		21.00 L		4.60 LBQ

For explanation of this table, see Section 1.4 of report.

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Table 15-5. Contamination Indicator Parameters for the Single-Shell Tank Waste Management Area A-AX Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-E24-19	3/15/94	B0BJC7	255	250	7.34	7.60	400 L	8.3
		B0BJC8	254		7.32		400 L	5.4
		B0BJC9	251		7.32		500 L	5.0 U
		B0BJD0	251		7.29		400 L	6.2
299-E24-20	3/14/94	B0BJF0	288	290	8.07	8.20	500 L	5.0 U
		B0BJF2	289		8.07		500 L	5.0 U
		B0BJF4	290		8.06		500 L	5.4
		B0BJF6	288		8.06		400 L	5.0 U
299-E25-40	3/14/94	B0BJG1	346	310	8.10	8.10	400 L	
		B0BJG3	334		8.02		400 L	5.0 U
		B0BJG5	334		7.99		400 L	
		B0BJG7	332		7.95		500 L	5.0 U
299-E25-41	3/14/94	B0BJH3	352	310	8.04	8.20	600 L	5.0 U
		B0BJH5	349		8.04		500 L	5.0 U
		B0BJH7	348		8.04		500 L	5.0 U
		B0BJH8	345		8.04		500 L	5.0 U
299-E25-46	3/15/94	B0BJJ5	269	280	7.59	8.20	500 L	11.0
		B0BJJ6	268		7.58		400 L	10.5
		B0BJJ7	267		7.58		400 L	22.2
		B0BJJ8	267		7.58		340 L	9.3

For explanation of this table, see Section 1.4 of report.

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Table 15-6. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area B-BY-BX Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			28	28	
CONDUCT	73	Conductivity, lab	µmho				8	8	
TOC		Total Organic Carbon	ppb	320			32	30	
TOX		Total Organic Halogen	ppb	5			32	21	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	28	28	0
PH	125	pH, lab	pH		6.5-8.5	EPAS	8	8	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
BARIUM		Barium	ppb	1.3	1000	EPAI	8	8	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	8	8	0
CADMIUM		Cadmium	ppb	3	10	EPAI	8	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	8	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	8	8	5
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	8	5	0
FLUORID		Fluoride	ppb	51	1400	EPAI	8	8	0
ALPHA		Gross alpha	pCi/L		15	EPA	8	7	0
NITRATE		Nitrate	ppb	96	45000	EPA	8	8	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	8	8	0
IRON		Iron	ppb	18	300	EPAS	8	8	4
FIRON		Iron, filtered	ppb	18	300	EPAS	8	8	0
MANGESE		Manganese	ppb	1	50	EPAS	8	8	0
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	8	8	0
LPHENOL		Phenol	ppb	.57			8	0	
SODIUM		Sodium	ppb	150			8	8	
FSODIUM		Sodium, filtered	ppb	150			8	8	
SULFATE		Sulfate	ppb	89	250000	EPAS	8	8	0

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Table 15-6. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area B-BY-BX Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method) Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
246-trp	2,4,6-Trichlorophenol	ppb	1.6			8	0	
24-dchp	2,4-Dichlorophenol	ppb	1.5			8	0	
DIMPHEN	2,4-Dimethylphenol	ppb	1.5			8	0	
DINPHEN	2,4-Dinitrophenol	ppb	1.8			8	0	
26-dchp	2,6-Dichlorophenol	ppb	2.2			8	0	
CHLPHEN	2-Chlorophenol	ppb	1.5			8	0	
2NITPH	2-Nitrophenol	ppb	1.7			8	0	
BUTDINP	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			8	0	
46DN2MP	4,6-Dinitro-2-methylphenol	ppb	1.6			8	0	
CHLCRES	4-Chloro-3-methylphenol	ppb	1.5			8	0	
NITPHEN	4-Nitrophenol	ppb	1.4			8	0	
ALUMNUM	Aluminum	ppb	19			8	5	
FALUMIN	Aluminum, filtered	ppb	19			8	2	
ANTIONY	Antimony	ppb	26			8	2	
FANTIMO	Antimony, filtered	ppb	26			8	6	
BERYLUM	Beryllium	ppb	1.5			8	1	
FBERYLL	Beryllium, filtered	ppb	1.5			8	1	
BROMIDE	Bromide	ppb	110			8	0	
CALCIUM	Calcium	ppb	47			8	8	
FCALCIU	Calcium, filtered	ppb	47			8	8	
COBALT	Cobalt	ppb	6.5			8	1	
FCOBALT	Cobalt, filtered	ppb	6.5			8	0	
COPPER	Copper	ppb	2.6	1000	EPAS	8	8	0
FCOPPER	Copper, filtered	ppb	2.6	1000	EPAS	8	7	0
CRESOLS	Cresols (methylphenols)	ppb	4.8			8	0	
BETA	Gross beta	pCi/L				8	8	
I-129L	Iodine-129, Low level	pCi/L				8	8	
MAGNES	Magnesium	ppb	25			8	8	
FMAGNES	Magnesium, filtered	ppb	25			8	8	
NICKEL	Nickel	ppb	16			8	8	
FNICKEL	Nickel, filtered	ppb	16			8	3	
NITRITE	Nitrite	ppb	110	1000	EPA	8	0	0
PENTCHP	Pentachlorophenol	ppb	1.7	1	EPA	8	0	8*
PHOSPHA	Phosphate	ppb	470			8	0	
POTASUM	Potassium	ppb	890			8	8	
FPOTASS	Potassium, filtered	ppb	890			8	8	
SILVER	Silver	ppb	3.4	50	EPAI	8	0	0
FSILVER	Silver, filtered	ppb	3.4	50	EPAI	8	0	0
SR-90	Strontium-90	pCi/L		8	EPA	8	0	0
TC-99	Technetium-99	pCi/L		900	EPA	8	7	0
TETPHNL	Tetrachlorophenols	ppb	1.4			8	0	
TIN	Tin	ppb	24			8	1	
FTIN	Tin, filtered	ppb	24			8	1	
TDS	Total Dissolved Solids	ppm	10	500	EPAS	8	8	0
TRIPHNL	Trichlorophenols	ppb	2.1			8	0	
TRITIUM	Tritium	pCi/L		20000	EPA	8	8	0
TURBID	Turbidity	NTU	.016			8	8	
URANIUM	Uranium	ppb				8	8	
VANADUM	Vanadium	ppb	6.4			8	8	
FVANADI	Vanadium, filtered	ppb	6.4			8	8	
ZINC	Zinc	ppb	4.4	5000	EPAS	8	8	0
FZINC	Zinc, filtered	ppb	4.4	5000	EPAS	8	6	0

For explanation of this table, see Section 1.4 of report.

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Table 15-7. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area B-BY-BX Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 5)

Well Name	Collection Date	Sample Number	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	ANTIONY 34/ppb 26/.	FANTIMO 34/ppb 26/.
299-E33-31	3/16/94	B0BJQ2	40.00 L		26.00 U	
299-E33-31	3/16/94	B0BJQ9		19.00 U		27.00 L
299-E33-32	3/16/94	B0BJR0	19.00 U		26.00 U	
299-E33-32	3/16/94	B0BJR4		19.00 U		27.00 L
299-E33-33	3/15/94	B0BJR5	71.00 L		26.00 U	
299-E33-33	3/15/94	B0BJR9		22.00 L		26.00 U
299-E33-36	3/15/94	B0BJS0	41.00 L		30.00 L	
299-E33-36	3/15/94	B0BJS4		31.00 L		26.00 U
299-E33-41	3/16/94	B0BJS5	58.00 L		26.00 U	
299-E33-41	3/16/94	B0BJS9		19.00 U		31.00 L
299-E33-42	3/16/94	B0BJT0	19.00 U		26.00 UQ	
299-E33-42	3/16/94	B0BJT1	19.00 U		34.00 LQ	
299-E33-42	3/16/94	B0BJT8		19.00 U		42.00 LQ
299-E33-42	3/16/94	B0BJT9		19.00 U		26.00 LQ
299-E33-43	3/16/94	B0BJV0	19.00 L		26.00 U	
299-E33-43	3/16/94	B0BJV4		19.00 U		26.00 L

Well Name	Collection Date	Sample Number	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	BERYLUM 34/ppb 1.5/.	FBERYLL 34/ppb 1.5/.
299-E33-31	3/16/94	B0BJQ2	30.00		1.50 U	
299-E33-31	3/16/94	B0BJQ9		28.00		1.50 U
299-E33-32	3/16/94	B0BJR0	36.00		1.50 U	
299-E33-32	3/16/94	B0BJR4		35.00		1.50 U
299-E33-33	3/15/94	B0BJR5	37.00		1.50 U	
299-E33-33	3/15/94	B0BJR9		36.00		1.50 U
299-E33-36	3/15/94	B0BJS0	23.00		1.50 U	
299-E33-36	3/15/94	B0BJS4		23.00		1.50 U
299-E33-41	3/16/94	B0BJS5	30.00		1.50 LB	
299-E33-41	3/16/94	B0BJS9		30.00		1.50 U
299-E33-42	3/16/94	B0BJT0	28.00		1.50 U	
299-E33-42	3/16/94	B0BJT1	28.00		1.50 U	
299-E33-42	3/16/94	B0BJT8		29.00		1.50 U
299-E33-42	3/16/94	B0BJT9		29.00		1.50 U
299-E33-43	3/16/94	B0BJV0	32.00		1.50 U	
299-E33-43	3/16/94	B0BJV4		32.00		2.00 LB

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	CHLORID 124/ppb 71/250000s	CHROMUM 34/ppb 11/50i
299-E33-31	3/16/94	B0BJQ2	27000.00		3700.00	160.00
299-E33-31	3/16/94	B0BJQ9		26000.00		
299-E33-32	3/16/94	B0BJR0	33000.00		8300.00	63.00
299-E33-32	3/16/94	B0BJR4		33000.00		
299-E33-33	3/15/94	B0BJR5	31000.00		5800.00	210.00
299-E33-33	3/15/94	B0BJR9		31000.00		
299-E33-36	3/15/94	B0BJS0	28000.00		4700.00	43.00
299-E33-36	3/15/94	B0BJS4		28000.00		
299-E33-41	3/16/94	B0BJS5	29000.00		5200.00	79.00
299-E33-41	3/16/94	B0BJS9		29000.00		
299-E33-42	3/16/94	B0BJT0	30000.00		5500.00	18.00 LQ
299-E33-42	3/16/94	B0BJT1	30000.00		5500.00	31.00 Q

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Table 15-7. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area B-BY-BX Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 5)

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	CHLORID 124/ppb 71/250000s	CHROMUM 34/ppb 11/50i
299-E33-42	3/16/94	B0BJT8		30000.00		
299-E33-42	3/16/94	B0BJT9		30000.00		
299-E33-43	3/16/94	B0BJV0	30000.00		11000.00 D	160.00
299-E33-43	3/16/94	B0BJV4		29000.00		

Well Name	Collection Date	Sample Number	FCHROMI 34/ppb 11/50i	COBALT 34/ppb 6.5/.	FCOBALT 34/ppb 6.5/.	COPPER 34/ppb 2.6/1000s
299-E33-31	3/16/94	B0BJQ2		6.50 U		11.00 L
299-E33-31	3/16/94	B0BJQ9	19.00 L		6.50 U	
299-E33-32	3/16/94	B0BJR0		6.50 U		7.70 L
299-E33-32	3/16/94	B0BJR4	14.00 L		6.50 U	
299-E33-33	3/15/94	B0BJR5		6.50 U		17.00 L
299-E33-33	3/15/94	B0BJR9	11.00 U		6.50 U	
299-E33-36	3/15/94	B0BJS0		6.50 U		3.70 L
299-E33-36	3/15/94	B0BJS4	11.00 U		6.50 U	
299-E33-41	3/16/94	B0BJS5		6.50 U		11.00 L
299-E33-41	3/16/94	B0BJS9	12.00 L		6.50 U	
299-E33-42	3/16/94	B0BJT0		6.50 U		10.00 L
299-E33-42	3/16/94	B0BJT1		6.50 U		10.00 L
299-E33-42	3/16/94	B0BJT8	13.00 L		6.50 U	
299-E33-42	3/16/94	B0BJT9	14.00 L		6.50 U	
299-E33-43	3/16/94	B0BJV0		7.20 L		9.40 L
299-E33-43	3/16/94	B0BJV4	11.00 U		6.50 U	

Well Name	Collection Date	Sample Number	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.
299-E33-31	3/16/94	B0BJQ2		500.00	2.26	5.79
299-E33-31	3/16/94	B0BJQ9	4.10 L			
299-E33-32	3/16/94	B0BJR0		700.00	.65 U	35.20
299-E33-32	3/16/94	B0BJR4	2.60 U			
299-E33-33	3/15/94	B0BJR5		700.00	2.47	6.90
299-E33-33	3/15/94	B0BJR9	4.30 L			
299-E33-36	3/15/94	B0BJS0		700.00	2.49	21.30
299-E33-36	3/15/94	B0BJS4	3.00 L			
299-E33-41	3/16/94	B0BJS5		600.00	4.63	99.60
299-E33-41	3/16/94	B0BJS9	6.50 L			
299-E33-42	3/16/94	B0BJT0		700.00	2.39 Q	86.00
299-E33-42	3/16/94	B0BJT1		700.00	1.61 Q	88.50
299-E33-42	3/16/94	B0BJT8	5.30 LQ			
299-E33-42	3/16/94	B0BJT9	2.90 LQ			
299-E33-43	3/16/94	B0BJV0		700.00	1.10	15.60
299-E33-43	3/16/94	B0BJV4	5.30 L			

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Table 15-7. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area B-BY-BX Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 5)

Well Name	Collection Date	Sample Number	I-129 139/pCi/L ./.	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s	MAGNES 34/ppb 25/.
299-E33-31	3/16/94	B0BJQ2	2.91	650.00		8100.00
299-E33-31	3/16/94	B0BJQ9			51.00	
299-E33-32	3/16/94	B0BJR0	6.23	260.00		10000.00
299-E33-32	3/16/94	B0BJR4			34.00	
299-E33-33	3/15/94	B0BJR5	2.96	920.00 B		9200.00
299-E33-33	3/15/94	B0BJR9			68.00 B	
299-E33-36	3/15/94	B0BJS0	6.67	240.00 B		8500.00
299-E33-36	3/15/94	B0BJS4			52.00 B	
299-E33-41	3/16/94	B0BJS5	3.14	420.00		8600.00
299-E33-41	3/16/94	B0BJS9			24.00	
299-E33-42	3/16/94	B0BJT0	5.78	76.00 Q		9100.00
299-E33-42	3/16/94	B0BJT1	7.08	120.00 Q		9000.00
299-E33-42	3/16/94	B0BJT8			18.00 L	
299-E33-42	3/16/94	B0BJT9			19.00 L	
299-E33-43	3/16/94	B0BJV0	4.96	680.00		9100.00
299-E33-43	3/16/94	B0BJV4			29.00	

Well Name	Collection Date	Sample Number	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	NICKEL 34/ppb 16/.
299-E33-31	3/16/94	B0BJQ2		14.00 B		90.00
299-E33-31	3/16/94	B0BJQ9	8000.00		2.60 LB	
299-E33-32	3/16/94	B0BJR0		8.70 LB		42.00
299-E33-32	3/16/94	B0BJR4	10000.00		2.60 LB	
299-E33-33	3/15/94	B0BJR5		20.00		100.00
299-E33-33	3/15/94	B0BJR9	9100.00		3.20 L	
299-E33-36	3/15/94	B0BJS0		9.20 L		42.00
299-E33-36	3/15/94	B0BJS4	8700.00		4.30 L	
299-E33-41	3/16/94	B0BJS5		13.00 B		50.00
299-E33-41	3/16/94	B0BJS9	8700.00		4.30 LB	
299-E33-42	3/16/94	B0BJT0		2.60 LBQ		18.00 L
299-E33-42	3/16/94	B0BJT1		5.20 LBQ		23.00 L
299-E33-42	3/16/94	B0BJT8	9000.00		3.50 LB	
299-E33-42	3/16/94	B0BJT9	9100.00		3.50 LB	
299-E33-43	3/16/94	B0BJV0		16.00 B		72.00
299-E33-43	3/16/94	B0BJV4	9000.00		2.60 LB	

Well Name	Collection Date	Sample Number	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.
299-E33-31	3/16/94	B0BJQ2		3500.00	4900.00	
299-E33-31	3/16/94	B0BJQ9	21.00 L			5700.00
299-E33-32	3/16/94	B0BJR0		26000.00 D	3800.00	
299-E33-32	3/16/94	B0BJR4	16.00 U			4700.00
299-E33-33	3/15/94	B0BJR5		5400.00	6300.00	
299-E33-33	3/15/94	B0BJR9	16.00 U			6200.00
299-E33-36	3/15/94	B0BJS0		7600.00	5100.00	
299-E33-36	3/15/94	B0BJS4	20.00 L			4800.00
299-E33-41	3/16/94	B0BJS5		9000.00	6400.00	
299-E33-41	3/16/94	B0BJS9	16.00 U			5700.00

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Table 15-7. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area B-BY-BX Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 5)

Well Name	Collection Date	Sample Number	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.
299-E33-42	3/16/94	B0BJT0		13000.00 D	6600.00 Q	
299-E33-42	3/16/94	B0BJT1		13000.00 D	4900.00 Q	
299-E33-42	3/16/94	B0BJT8	16.00 U			4900.00
299-E33-42	3/16/94	B0BJT9	19.00 L			5700.00
299-E33-43	3/16/94	B0BJV0		5300.00	5800.00	
299-E33-43	3/16/94	B0BJV4	16.00 U			5700.00

Well Name	Collection Date	Sample Number	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.	SULFATE 124/ppb 89/250000s	TC-99 143/pCi/L ./900
299-E33-31	3/16/94	B0BJQ2	12000.00		31000.00 D	.58 U
299-E33-31	3/16/94	B0BJQ9		11000.00		
299-E33-32	3/16/94	B0BJR0	14000.00		30000.00 D	142.00
299-E33-32	3/16/94	B0BJR4		14000.00		
299-E33-33	3/15/94	B0BJR5	16000.00		35000.00 D	2.62
299-E33-33	3/15/94	B0BJR9		16000.00		
299-E33-36	3/15/94	B0BJS0	14000.00		25000.00 D	79.10
299-E33-36	3/15/94	B0BJS4		15000.00		
299-E33-41	3/16/94	B0BJS5	14000.00		27000.00 D	299.00
299-E33-41	3/16/94	B0BJS9		14000.00		
299-E33-42	3/16/94	B0BJT0	14000.00		27000.00 D	321.00
299-E33-42	3/16/94	B0BJT1	14000.00		27000.00 D	318.00
299-E33-42	3/16/94	B0BJT8		14000.00		
299-E33-42	3/16/94	B0BJT9		14000.00		
299-E33-43	3/16/94	B0BJV0	15000.00		30000.00 D	43.10
299-E33-43	3/16/94	B0BJV4		15000.00		

Well Name	Collection Date	Sample Number	TIN 34/ppb 24/.	FTIN 34/ppb 24/.	TDS 65/ppm 10/500s	TRITIUM 142/pCi/L ./20000
299-E33-31	3/16/94	B0BJQ2	24.00 U		210.00	498.00
299-E33-31	3/16/94	B0BJQ9		24.00 U		
299-E33-32	3/16/94	B0BJR0	24.00 U		220.00	2210.00
299-E33-32	3/16/94	B0BJR4		24.00 U		
299-E33-33	3/15/94	B0BJR5	28.00 LB		200.00	4820.00
299-E33-33	3/15/94	B0BJR9		78.00 LBF		
299-E33-36	3/15/94	B0BJS0	24.00 U		190.00	3140.00
299-E33-36	3/15/94	B0BJS4		24.00 U		
299-E33-41	3/16/94	B0BJS5	24.00 U		190.00	3070.00
299-E33-41	3/16/94	B0BJS9		24.00 U		
299-E33-42	3/16/94	B0BJT0	24.00 U		210.00 Q	2920.00
299-E33-42	3/16/94	B0BJT1	24.00 U		160.00 Q	2560.00
299-E33-42	3/16/94	B0BJT8		24.00 U		
299-E33-42	3/16/94	B0BJT9		24.00 U		
299-E33-43	3/16/94	B0BJV0	24.00 U		210.00	1760.00
299-E33-43	3/16/94	B0BJV4		24.00 U		

Table 15-7. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area B-BY-BX Data for Reporting Period January 1 through March 31, 1994. (sheet 5 of 5)

Well Name	Collection Date	Sample Number	TURBID 126/NTU .016/.	URANIUM 145/ppb ./.	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.
299-E33-31	3/16/94	B0BJQ2	2.30	1.72	21.00 L	
299-E33-31	3/16/94	B0BJQ9				19.00 L
299-E33-32	3/16/94	B0BJR0	1.50	1.76	21.00 L	
299-E33-32	3/16/94	B0BJR4				19.00 L
299-E33-33	3/15/94	B0BJR5	1.80 Q	2.16	20.00 L	
299-E33-33	3/15/94	B0BJR9				22.00 L
299-E33-36	3/15/94	B0BJS0	1.30 Q	4.59	29.00 L	
299-E33-36	3/15/94	B0BJS4				28.00 L
299-E33-41	3/16/94	B0BJS5	2.40	9.02	19.00 L	
299-E33-41	3/16/94	B0BJS9				15.00 L
299-E33-42	3/16/94	B0BJT0	.80	2.04	20.00 L	
299-E33-42	3/16/94	B0BJT1	.80	2.72	17.00 L	
299-E33-42	3/16/94	B0BJT8				20.00 L
299-E33-42	3/16/94	B0BJT9				17.00 L
299-E33-43	3/16/94	B0BJV0	1.40	2.89	16.00 L	
299-E33-43	3/16/94	B0BJV4				20.00 L

Well Name	Collection Date	Sample Number	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-E33-31	3/16/94	B0BJQ2	9.30 LB	
299-E33-31	3/16/94	B0BJQ9		10.00 B
299-E33-32	3/16/94	B0BJR0	9.50 LB	
299-E33-32	3/16/94	B0BJR4		15.00 B
299-E33-33	3/15/94	B0BJR5	9.70 LBQ	
299-E33-33	3/15/94	B0BJR9		4.90 LBQ
299-E33-36	3/15/94	B0BJS0	7.80 LBQ	
299-E33-36	3/15/94	B0BJS4		4.40 UQ
299-E33-41	3/16/94	B0BJS5	4.60 LB	
299-E33-41	3/16/94	B0BJS9		11.00 B
299-E33-42	3/16/94	B0BJT0	11.00 B	
299-E33-42	3/16/94	B0BJT1	8.80 LB	
299-E33-42	3/16/94	B0BJT8		11.00 BQ
299-E33-42	3/16/94	B0BJT9		4.40 UQ
299-E33-43	3/16/94	B0BJV0	6.20 LB	
299-E33-43	3/16/94	B0BJV4		4.80 LB

For explanation of this table, see Section 1.4 of report.

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Table 15-8. Contamination Indicator Parameters for the Single-Shell Tank Waste Management Area B-BY-BX Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-E33-31	3/16/94	B0BJQ2	294	270	8.23	8.40	500 L	6.4
		B0BJQ4	296		8.26		400 L	5.0 U
		B0BJQ6	298		8.25		400 L	10.4
		B0BJQ8	298		8.25		400 L	7.5
299-E33-32	3/16/94	B0BJR0	321	340	8.31	8.30	400 L	5.0 U
		B0BJR1	325		8.31		320 U	5.0 U
		B0BJR2	320		8.30		320 U	5.0 U
		B0BJR3	319		8.31		320 L	8.7
299-E33-33	3/15/94	B0BJR5	282	300	7.97	8.20	320 L	6.3
		B0BJR6	283		7.98		330 L	6.1
		B0BJR7	284		8.00		400 L	5.0 U
		B0BJR8	285		8.01		400 L	7.4
299-E33-36	3/15/94	B0BJS0	255	280	8.35	7.50	500 L	5.0 U
		B0BJS1	255		8.35		500 L	5.0 U
		B0BJS2	257		8.35		500 L	5.0 U
		B0BJS3	256		8.35		500 L	6.9
299-E33-41	3/16/94	B0BJS5	298	300	7.77	8.30	400 L	7.5
		B0BJS6	296		7.76		500 L	8.5
		B0BJS7	297		7.77		400 L	5.7
		B0BJS8	298		7.77		400 L	35.6 F
299-E33-42	3/16/94	B0BJT0	310	310	7.86	8.20	400 L	10.4
		B0BJT1	310	310	7.85	8.20	400 L	9.6
		B0BJT2	309		7.86		600 L	9.4
		B0BJT3	308		7.86		400 L	8.8
		B0BJT4					400 L	5.3
		B0BJT5					340 L	5.0 U
		B0BJT6					500 L	5.0 U
		B0BJT7					400 L	5.0 U
299-E33-43	3/16/94	B0BJV0	317	310	7.98	8.30	400 L	13.3
		B0BJV1	317		7.99		400 L	17.0
		B0BJV2	318		7.99		400 L	11.6
		B0BJV3	318		7.98		500 L	14.6

For explanation of this table, see Section 1.4 of report.

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Table 15-9. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area C Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			20	20	
CONDUCT	73	Conductivity, lab	µmho				5	5	
TOC		Total Organic Carbon	ppb	320			20	20	
TOX		Total Organic Halogen	ppb	5			19	12	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	20	20	4
PH	125	pH, lab	pH		6.5-8.5	EPAS	5	5	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
BARIUM		Barium	ppb	1.3	1000	EPAI	5	5	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	5	5	0
CADMIUM		Cadmium	ppb	3	10	EPAI	5	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	5	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	5	4	4
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	5	2	0
FLUORID		Fluoride	ppb	51	1400	EPAI	5	5	0
ALPHA		Gross alpha	pCi/L		15	EPA	2	2	0
NITRATE		Nitrate	ppb	96	45000	EPA	5	5	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	5	5	0
IRON		Iron	ppb	18	300	EPAS	5	5	4
FIRON		Iron, filtered	ppb	18	300	EPAS	5	4	0
MANGESE		Manganese	ppb	1	50	EPAS	5	4	0
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	5	4	0
LPHENOL		Phenol	ppb	.57			5	0	
SODIUM		Sodium	ppb	150			5	5	
FSODIUM		Sodium, filtered	ppb	150			5	5	
SULFATE		Sulfate	ppb	89	250000	EPAS	5	5	0

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Table 15-9. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area C Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short (Method)	Full	Units	Lab CRQL	DWS Limit	DWS Agency	Number of Samples Total	>CRQL	>DWS
246-trp	2,4,6-Trichlorophenol	ppb	1.6			5	0	
24-dchp	2,4-Dichlorophenol	ppb	1.5			5	0	
DIMPHEN	2,4-Dimethylphenol	ppb	1.5			5	0	
DINPHEN	2,4-Dinitrophenol	ppb	1.8			5	0	
26-dchp	2,6-Dichlorophenol	ppb	2.2			5	0	
CHLPHEN	2-Chlorophenol	ppb	1.5			5	0	
2NITPH	2-Nitrophenol	ppb	1.7			5	0	
BUTDINP	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			5	0	
46DN2MP	4,6-Dinitro-2-methylphenol	ppb	1.6			5	0	
CHLCRES	4-Chloro-3-methylphenol	ppb	1.5			5	0	
NITPHEN	4-Nitrophenol	ppb	1.4			5	0	
ALUMNUM	Aluminum	ppb	19			5	5	
FALUMIN	Aluminum, filtered	ppb	19			5	2	
ANTIONY	Antimony	ppb	26			5	1	
FANTIMO	Antimony, filtered	ppb	26			5	2	
BERYLUM	Beryllium	ppb	1.5			5	1	
FBERYLL	Beryllium, filtered	ppb	1.5			5	1	
BROMIDE	Bromide	ppb	110			5	0	
CALCIUM	Calcium	ppb	47			5	5	
FCALCIU	Calcium, filtered	ppb	47			5	5	
COBALT	Cobalt	ppb	6.5			5	1	
FCOBALT	Cobalt, filtered	ppb	6.5			5	2	
COPPER	Copper	ppb	2.6	1000	EPAS	5	4	0
FCOPPER	Copper, filtered	ppb	2.6	1000	EPAS	5	2	0
CRESOLS	Cresols (methylphenols)	ppb	4.8			5	0	
BETA	Gross beta	pCi/L				2	2	
I-129L	Iodine-129, Low level	pCi/L				5	5	
MAGNES	Magnesium	ppb	25			5	5	
FMAGNES	Magnesium, filtered	ppb	25			5	5	
NICKEL	Nickel	ppb	16			5	4	
FNICKEL	Nickel, filtered	ppb	16			5	1	
NITRITE	Nitrite	ppb	110	1000	EPA	5	0	0
PENTCHP	Pentachlorophenol	ppb	1.7	1	EPA	5	0	5*
PHOSPHA	Phosphate	ppb	470			5	0	
POTASUM	Potassium	ppb	890			5	5	
FPOTASS	Potassium, filtered	ppb	890			5	5	
SILVER	Silver	ppb	3.4	50	EPAI	5	0	0
FSILVER	Silver, filtered	ppb	3.4	50	EPAI	5	0	0
SR-90	Strontium-90	pCi/L		8	EPA	5	0	0
TC-99	Technetium-99	pCi/L		900	EPA	5	3	0
TETPHNL	Tetrachlorophenols	ppb	1.4			5	0	
TIN	Tin	ppb	24			5	3	
FTIN	Tin, filtered	ppb	24			5	2	
TDS	Total Dissolved Solids	ppm	10	500	EPAS	5	5	0
TRIPHNL	Trichlorophenols	ppb	2.1			5	0	
TRITIUM	Tritium	pCi/L		20000	EPA	2	2	0
TURBID	Turbidity	NTU	.016			5	5	
URANIUM	Uranium	ppb				5	5	
VANADUM	Vanadium	ppb	6.4			5	5	
FVANADI	Vanadium, filtered	ppb	6.4			5	5	
ZINC	Zinc	ppb	4.4	5000	EPAS	5	2	0
FZINC	Zinc, filtered	ppb	4.4	5000	EPAS	5	3	0

For explanation of this table, see Section 1.4 of report.

Table 15-10. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area C Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 4)

Well Name	Collection Date	Sample Number	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	ANTIONY 34/ppb 26/.	FANTIMO 34/ppb 26/.
299-E27-12	3/15/94	B0BJK2	31.00 L		26.00 U	
299-E27-12	3/15/94	B0BJK9		19.00 U		47.00 L
299-E27-13	3/14/94	B0BJL1	450.00		26.00 U	
299-E27-13	3/14/94	B0BJL9		21.00 L		26.00 U
299-E27-14	3/14/94	B0BJM5	52.00 L		30.00 LB	
299-E27-14	3/14/94	B0BJM9		19.00 U		26.00 U
299-E27-15	3/16/94	B0BJN0	42.00 L		26.00 U	
299-E27-15	3/16/94	B0BJN8		19.00 U		26.00 U
299-E27-7	3/14/94	B0BJP2	22.00 L		26.00 U	
299-E27-7	3/14/94	B0BJP9		41.00 L		33.00 LB

Well Name	Collection Date	Sample Number	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	BERYLUM 34/ppb 1.5/.	FBERYLL 34/ppb 1.5/.
299-E27-12	3/15/94	B0BJK2	32.00		1.50 U	
299-E27-12	3/15/94	B0BJK9		31.00		1.50 U
299-E27-13	3/14/94	B0BJL1	30.00		1.50 U	
299-E27-13	3/14/94	B0BJL9		25.00		1.50 U
299-E27-14	3/14/94	B0BJM5	32.00		1.50 U	
299-E27-14	3/14/94	B0BJM9		31.00		1.50 U
299-E27-15	3/16/94	B0BJN0	34.00		1.50 LB	
299-E27-15	3/16/94	B0BJN8		32.00		1.50 LB
299-E27-7	3/14/94	B0BJP2	16.00 L		1.50 U	
299-E27-7	3/14/94	B0BJP9		16.00 L		1.50 U

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	CHLORID 124/ppb 71/250000s	CHROMUM 34/ppb 11/50i
299-E27-12	3/15/94	B0BJK2	28000.00		3600.00	99.00
299-E27-12	3/15/94	B0BJK9		27000.00		
299-E27-13	3/14/94	B0BJL1	28000.00		2900.00	170.00
299-E27-13	3/14/94	B0BJL9		27000.00		
299-E27-14	3/14/94	B0BJM5	38000.00		6500.00	160.00
299-E27-14	3/14/94	B0BJM9		38000.00		
299-E27-15	3/16/94	B0BJN0	32000.00		5800.00	68.00
299-E27-15	3/16/94	B0BJN8		31000.00		
299-E27-7	3/14/94	B0BJP2	27000.00		3400.00	11.00 U
299-E27-7	3/14/94	B0BJP9		27000.00		

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Table 15-10. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area C Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 4)

Well Name	Collection Date	Sample Number	FCHROMI 34/ppb 11/50i	COBALT 34/ppb 6.5/.	FCOBALT 34/ppb 6.5/.	COPPER 34/ppb 2.6/1000s
299-E27-12	3/15/94	B0BJK2		6.50 U		12.00 L
299-E27-12	3/15/94	B0BJK9	14.00 L		6.50 U	
299-E27-13	3/14/94	B0BJL1		6.50 U		12.00 L
299-E27-13	3/14/94	B0BJL9	11.00 U		8.90 LB	
299-E27-14	3/14/94	B0BJM5		13.00 LB		9.70 L
299-E27-14	3/14/94	B0BJM9	11.00 U		6.50 U	
299-E27-15	3/16/94	B0BJN0		6.50 U		9.40 L
299-E27-15	3/16/94	B0BJN8	13.00 L		6.50 U	
299-E27-7	3/14/94	B0BJP2		6.50 U		2.60 U
299-E27-7	3/14/94	B0BJP9	11.00 U		13.00 LB	

Well Name	Collection Date	Sample Number	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.
299-E27-12	3/15/94	B0BJK2		500.00	1.18	7.96
299-E27-12	3/15/94	B0BJK9	4.30 L			
299-E27-13	3/14/94	B0BJL1		600.00		
299-E27-13	3/14/94	B0BJL9	2.60 U			
299-E27-14	3/14/94	B0BJM5		600.00		
299-E27-14	3/14/94	B0BJM9	2.60 U			
299-E27-15	3/16/94	B0BJN0		700.00	2.38	113.00
299-E27-15	3/16/94	B0BJN8	4.10 L			
299-E27-7	3/14/94	B0BJP2		500.00		
299-E27-7	3/14/94	B0BJP9	2.60 U			

Well Name	Collection Date	Sample Number	I-129 139/pCi/L ./.	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s	MAGNES 34/ppb 25/.
299-E27-12	3/15/94	B0BJK2	3.42	470.00 B		8200.00
299-E27-12	3/15/94	B0BJK9			69.00 B	
299-E27-13	3/14/94	B0BJL1	5.15	1600.00		8200.00
299-E27-13	3/14/94	B0BJL9			37.00	
299-E27-14	3/14/94	B0BJM5	4.98	700.00		11000.00
299-E27-14	3/14/94	B0BJM9			39.00	
299-E27-15	3/16/94	B0BJN0	5.78	1000.00		9800.00
299-E27-15	3/16/94	B0BJN8			23.00	
299-E27-7	3/14/94	B0BJP2	2.72	39.00		7800.00
299-E27-7	3/14/94	B0BJP9			18.00 U	

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Table 15-10. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area C Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 4)

Well Name	Collection Date	Sample Number	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	NICKEL 34/ppb 16/.
299-E27-12	3/15/94	B0BJK2		9.80 L		58.00
299-E27-12	3/15/94	B0BJK9	7800.00		2.20 L	
299-E27-13	3/14/94	B0BJL1		31.00		80.00
299-E27-13	3/14/94	B0BJL9	8000.00		3.00 L	
299-E27-14	3/14/94	B0BJM5		17.00		75.00
299-E27-14	3/14/94	B0BJM9	10000.00		3.00 L	
299-E27-15	3/16/94	B0BJN0		22.00 B		34.00
299-E27-15	3/16/94	B0BJN8	9600.00		2.60 LB	
299-E27-7	3/14/94	B0BJP2		1.00 U		16.00 U
299-E27-7	3/14/94	B0BJP9	7700.00		1.00 U	

Well Name	Collection Date	Sample Number	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.
299-E27-12	3/15/94	B0BJK2		3100.00	5900.00	
299-E27-12	3/15/94	B0BJK9	16.00 U			5300.00
299-E27-13	3/14/94	B0BJL1		2600.00	5400.00	
299-E27-13	3/14/94	B0BJL9	16.00 U			5600.00
299-E27-14	3/14/94	B0BJM5		7400.00	5800.00	
299-E27-14	3/14/94	B0BJM9	16.00 U			5800.00
299-E27-15	3/16/94	B0BJN0		19000.00 D	4200.00	
299-E27-15	3/16/94	B0BJN8	16.00 L			4900.00
299-E27-7	3/14/94	B0BJP2		2600.00	5400.00	
299-E27-7	3/14/94	B0BJP9	16.00 U			5400.00

Well Name	Collection Date	Sample Number	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.	SULFATE 124/ppb 89/250000s	TC-99 143/pCi/L ./900
299-E27-12	3/15/94	B0BJK2	10000.00		25000.00 D	1.60 U
299-E27-12	3/15/94	B0BJK9		9300.00		
299-E27-13	3/14/94	B0BJL1	11000.00		16000.00 D	131.00
299-E27-13	3/14/94	B0BJL9		11000.00		
299-E27-14	3/14/94	B0BJM5	14000.00		54000.00 D	83.60
299-E27-14	3/14/94	B0BJM9		14000.00		
299-E27-15	3/16/94	B0BJN0	15000.00		32000.00 D	381.00
299-E27-15	3/16/94	B0BJN8		15000.00		
299-E27-7	3/14/94	B0BJP2	9100.00		20000.00 D	-.15 U
299-E27-7	3/14/94	B0BJP9		8700.00		

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Table 15-10. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area C Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 4)

Well Name	Collection Date	Sample Number	TIN 34/ppb 24/.	FTIN 34/ppb 24/.	TDS 65/ppm 10/500s	TRITIUM 142/pCi/L ./20000
299-E27-12	3/15/94	B0BJK2	87.00 LB		170.00	384.00
299-E27-12	3/15/94	B0BJK9		24.00 U		
299-E27-13	3/14/94	B0BJL1	26.00 LB		170.00	
299-E27-13	3/14/94	B0BJL9		45.00 LB		
299-E27-14	3/14/94	B0BJM5	24.00 U		230.00	
299-E27-14	3/14/94	B0BJM9		35.00 LB		
299-E27-15	3/16/94	B0BJN0	24.00 U		220.00	2770.00
299-E27-15	3/16/94	B0BJN8		24.00 U		
299-E27-7	3/14/94	B0BJP2	47.00 LB		160.00	
299-E27-7	3/14/94	B0BJP9		24.00 U		

Well Name	Collection Date	Sample Number	TURBID 126/NTU .016/.	URANIUM 145/ppb ./.	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.
299-E27-12	3/15/94	B0BJK2	.90 Q	1.77	20.00 L	
299-E27-12	3/15/94	B0BJK9				21.00 L
299-E27-13	3/14/94	B0BJL1	15.00 Q	2.31	27.00 L	
299-E27-13	3/14/94	B0BJL9				24.00 L
299-E27-14	3/14/94	B0BJM5	2.00 Q	1.70	25.00 L	
299-E27-14	3/14/94	B0BJM9				24.00 L
299-E27-15	3/16/94	B0BJN0	6.40	2.20	20.00 L	
299-E27-15	3/16/94	B0BJN8				19.00 L
299-E27-7	3/14/94	B0BJP2	.30 Q	1.78	20.00 L	
299-E27-7	3/14/94	B0BJP9				20.00 L

Well Name	Collection Date	Sample Number	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-E27-12	3/15/94	B0BJK2	4.40 UQ	
299-E27-12	3/15/94	B0BJK9		4.40 UQ
299-E27-13	3/14/94	B0BJL1	17.00 BQ	
299-E27-13	3/14/94	B0BJL9		4.40 UQ
299-E27-14	3/14/94	B0BJM5	4.40 UQ	
299-E27-14	3/14/94	B0BJM9		5.80 LBQ
299-E27-15	3/16/94	B0BJN0	16.00 B	
299-E27-15	3/16/94	B0BJN8		9.60 LB
299-E27-7	3/14/94	B0BJP2	4.40 UQ	
299-E27-7	3/14/94	B0BJP9		5.80 LBQ

For explanation of this table, see Section 1.4 of report.

Table 15-11. Contamination Indicator Parameters for the Single-Shell Tank Waste Management Area C Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-E27-12	3/15/94	B0BJK2	256	250	8.22	8.30	500 L	7.0
		B0BJK4	256		8.21		400 L	9.4
		B0BJK6	256		8.21		400 L	7.2
		B0BJK8	256		8.20		400 L	7.4
299-E27-13	3/14/94	B0BJL1	244	260	8.28	8.20	500 L	8.2
		B0BJL3	244		8.29		500 L	5.9
		B0BJL5	244		8.30		500 L	5.0 U
		B0BJL7	244		8.31		700 L	6.7
299-E27-14	3/14/94	B0BJM5	375	360	6.45 F	8.20	500 L	
		B0BJM6	376		6.42 F		600 L	5.0 U
		B0BJM7	380		6.40 F		500 L	5.0 U
		B0BJM8	380		6.38 F		500 L	5.0 U
299-E27-15	3/16/94	B0BJN0	257	330	8.01	8.30	400 L	5.0 U
		B0BJN2	255		8.02		400 L	8.4
		B0BJN4	254		8.01		400 L	5.7
		B0BJN6	255		8.03		400 L	5.0 U
299-E27-7	3/14/94	B0BJP2	238	240	7.63	8.20	600 L	5.0 U
		B0BJP4	236		7.61		600 L	5.5
		B0BJP6	236		7.61		600 L	7.4
		B0BJP8	236		7.65		600 L	6.7

For explanation of this table, see Section 1.4 of report.

Table 15-12. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area S-SX Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			29	29	
CONDUCT	73	Conductivity, lab	µmho				7	7	
TOC		Total Organic Carbon	ppb	320			28	24	
TOX		Total Organic Halogen	ppb	5			28	13	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	29	29	1
PH	125	pH, lab	pH		6.5-8.5	EPAS	7	7	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
BARIUM		Barium	ppb	1.3	1000	EPAI	7	7	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	7	7	0
CADMIUM		Cadmium	ppb	3	10	EPAI	7	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	7	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	7	7	6
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	7	3	0
FLUORID		Fluoride	ppb	51	1400	EPAI	7	7	0
ALPHA		Gross alpha	pCi/L		15	EPA	7	7	0
NITRATE		Nitrate	ppb	96	45000	EPA	7	7	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	7	7	0
IRON		Iron	ppb	18	300	EPAS	7	7	7
FIRON		Iron, filtered	ppb	18	300	EPAS	7	7	0
MANGESE		Manganese	ppb	1	50	EPAS	7	7	2
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	7	7	0
LPHENOL		Phenol	ppb	.57			7	0	
SODIUM		Sodium	ppb	150			7	7	
FSODIUM		Sodium, filtered	ppb	150			7	7	
SULFATE		Sulfate	ppb	89	250000	EPAS	7	7	0

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Table 15-12. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area S-SX Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
246-trp		2,4,6-Trichlorophenol	ppb	1.6			7	0	
24-dchp		2,4-Dichlorophenol	ppb	1.5			7	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			7	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			7	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			7	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			7	0	
2NITPH		2-Nitrophenol	ppb	1.7			7	0	
BUTDINP		2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			7	0	
46DN2MP		4,6-Dinitro-2-methylphenol	ppb	1.6			7	0	
CHLCRES		4-Chloro-3-methylphenol	ppb	1.5			7	0	
NITPHEN		4-Nitrophenol	ppb	1.4			7	0	
ALUMNUM		Aluminum	ppb	19			7	7	
FALUMIN		Aluminum, filtered	ppb	19			7	2	
ANTIONY		Antimony	ppb	26			7	1	
FANTIMO		Antimony, filtered	ppb	26			7	1	
BERYLUM		Beryllium	ppb	1.5			7	0	
FBERYLL		Beryllium, filtered	ppb	1.5			7	0	
BROMIDE		Bromide	ppb	110			7	0	
CALCIUM		Calcium	ppb	47			7	7	
FCALCIU		Calcium, filtered	ppb	47			7	7	
COBALT		Cobalt	ppb	6.5			7	3	
FCOBALT		Cobalt, filtered	ppb	6.5			7	2	
COPPER		Copper	ppb	2.6	1000	EPAS	7	6	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	7	2	0
CRESOLS		Cresols (methylphenols)	ppb	4.8			7	0	
BETA		Gross beta	pCi/L				7	7	
I-129L		Iodine-129, Low level	pCi/L				7	4	
MAGNES		Magnesium	ppb	25			7	7	
FMAGNES		Magnesium, filtered	ppb	25			7	7	
NICKEL		Nickel	ppb	16			7	6	
FNICKEL		Nickel, filtered	ppb	16			7	1	
NITRITE		Nitrite	ppb	110	1000	EPA	7	0	0
PENTCHP		Pentachlorophenol	ppb	1.7	1	EPA	7	0	7*
PHOSPHA		Phosphate	ppb	470			7	0	
PU-238		Plutonium-238	pCi/L				2	0	
PU39-40		Plutonium-239/40	pCi/L				2	0	
POTASUM		Potassium	ppb	890			7	7	
FPOTASS		Potassium, filtered	ppb	890			7	7	
SILVER		Silver	ppb	3.4	50	EPAI	7	0	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	7	0	0
SR-90		Strontium-90	pCi/L		8	EPA	7	0	0
TC-99		Technetium-99	pCi/L		900	EPA	7	6	1
TETPHNL		Tetrachlorophenols	ppb	1.4			7	0	
TIN		Tin	ppb	24			7	3	
FTIN		Tin, filtered	ppb	24			7	3	
TDS		Total Dissolved Solids	ppm	10	500	EPAS	7	7	0
TRIPHNL		Trichlorophenols	ppb	2.1			7	0	
TRITIUM		Tritium	pCi/L		20000	EPA	7	4	2
TURBID		Turbidity	NTU	.016			7	7	
URANIUM		Uranium	ppb				7	7	
VANADUM		Vanadium	ppb	6.4			7	7	
FVANADI		Vanadium, filtered	ppb	6.4			7	7	
ZINC		Zinc	ppb	4.4	5000	EPAS	7	5	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	7	0	0

For explanation of this table, see Section 1.4 of report.

Table 15-13. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area S-SX Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 4)

Well Name	Collection Date	Sample Number	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	ANTIONY 34/ppb 26/.	FANTIMO 34/ppb 26/.
299-W22-39	3/18/94	B0BJX5	48.00 L		26.00 U	
299-W22-39	3/18/94	B0BJX9		19.00 U		26.00 U
299-W22-44	3/18/94	B0BJY0	13000.00		26.00 U	
299-W22-44	3/18/94	B0BJY4		19.00 U		26.00 U
299-W22-45	3/22/94	B0BJY5	380.00		26.00 U	
299-W22-45	3/22/94	B0BJY9		19.00 U		26.00 U
299-W22-46	3/22/94	B0BJZ0	40.00 L		26.00 U	
299-W22-46	3/22/94	B0BJZ4		19.00 U		26.00 U
299-W23-13	3/18/94	B0BJZ5	460.00		26.00 U	
299-W23-13	3/18/94	B0BJZ9		28.00 L		30.00 L
299-W23-14	3/18/94	B0BK00	2600.00		27.00 L	
299-W23-14	3/18/94	B0BK04		19.00 U		26.00 U
299-W23-15	3/18/94	B0BK05	710.00		26.00 U	
299-W23-15	3/18/94	B0BK09		20.00 L		26.00 U

Well Name	Collection Date	Sample Number	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.
299-W22-39	3/18/94	B0BJX5	25.00		20000.00	
299-W22-39	3/18/94	B0BJX9		25.00		20000.00
299-W22-44	3/18/94	B0BJY0	180.00		19000.00	
299-W22-44	3/18/94	B0BJY4		19.00 L		14000.00
299-W22-45	3/22/94	B0BJY5	29.00		19000.00 B	
299-W22-45	3/22/94	B0BJY9		27.00		19000.00 B
299-W22-46	3/22/94	B0BJZ0	23.00		21000.00 B	
299-W22-46	3/22/94	B0BJZ4		22.00		21000.00 B
299-W23-13	3/18/94	B0BJZ5	24.00		20000.00	
299-W23-13	3/18/94	B0BJZ9		19.00 L		19000.00
299-W23-14	3/18/94	B0BK00	48.00		17000.00	
299-W23-14	3/18/94	B0BK04		18.00 L		16000.00
299-W23-15	3/18/94	B0BK05	41.00		26000.00	
299-W23-15	3/18/94	B0BK09		31.00		24000.00

Well Name	Collection Date	Sample Number	CHLORID 124/ppb 71/250000s	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COBALT 34/ppb 6.5/.
299-W22-39	3/18/94	B0BJX5	4400.00	200.00		9.40 L
299-W22-39	3/18/94	B0BJX9			19.00 L	
299-W22-44	3/18/94	B0BJY0	1200.00	160.00		18.00 L
299-W22-44	3/18/94	B0BJY4			11.00 U	
299-W22-45	3/22/94	B0BJY5	3500.00	17.00 L		6.50 U
299-W22-45	3/22/94	B0BJY9			11.00 U	
299-W22-46	3/22/94	B0BJZ0	4600.00	120.00		6.50 U
299-W22-46	3/22/94	B0BJZ4			11.00 U	
299-W23-13	3/18/94	B0BJZ5	3300.00	120.00		6.50 UF
299-W23-13	3/18/94	B0BJZ9			15.00 L	
299-W23-14	3/18/94	B0BK00	1900.00	160.00		10.00 L
299-W23-14	3/18/94	B0BK04			11.00 U	
299-W23-15	3/18/94	B0BK05	3200.00	140.00		6.50 U
299-W23-15	3/18/94	B0BK09			24.00	

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Table 15-13. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area S-SX Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 4)

Well Name	Collection Date	Sample Number	FCOBALT 34/ppb 6.5/.	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i
299-W22-39	3/18/94	B0BJX5		21.00		800.00
299-W22-39	3/18/94	B0BJX9	6.50 U		2.60 U	
299-W22-44	3/18/94	B0BJY0		28.00		700.00
299-W22-44	3/18/94	B0BJY4	6.50 U		2.60 U	
299-W22-45	3/22/94	B0BJY5		2.60 U		800.00
299-W22-45	3/22/94	B0BJY9	6.50 U		2.60 U	
299-W22-46	3/22/94	B0BJZ0		8.50 L		800.00
299-W22-46	3/22/94	B0BJZ4	6.50 U		4.60 L	
299-W23-13	3/18/94	B0BJZ5		13.00 L		700.00
299-W23-13	3/18/94	B0BJZ9	12.00 L		3.00 L	
299-W23-14	3/18/94	B0BK00		24.00		700.00
299-W23-14	3/18/94	B0BK04	7.50 L		2.60 U	
299-W23-15	3/18/94	B0BK05		15.00 L		800.00
299-W23-15	3/18/94	B0BK09	6.50 U		2.60 U	

Well Name	Collection Date	Sample Number	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	I-129 139/pCi/L ./.	IRON 34/ppb 18/300s
299-W22-39	3/18/94	B0BJX5	3.74	151.00	-.08 U	800.00 B
299-W22-44	3/18/94	B0BJY0	6.39	12.10	.03 U	22000.00 B
299-W22-45	3/22/94	B0BJY5	2.05	6.72	.22	1000.00
299-W22-46	3/22/94	B0BJZ0	5.93	158.00	-.12 U	570.00
299-W23-13	3/18/94	B0BJZ5	11.00	9.55	.46	1900.00 B
299-W23-14	3/18/94	B0BK00	6.10	7.90	.22	8400.00 B
299-W23-15	3/18/94	B0BK05	7.84	481.00	.34	1900.00 B

Well Name	Collection Date	Sample Number	FIRON 34/ppb 18/300s	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s
299-W22-39	3/18/94	B0BJX5		6400.00		19.00
299-W22-39	3/18/94	B0BJX9	64.00 B		6500.00	
299-W22-44	3/18/94	B0BJY0		9100.00		920.00
299-W22-44	3/18/94	B0BJY4	58.00 B		4400.00	
299-W22-45	3/22/94	B0BJY5		5900.00		24.00 B
299-W22-45	3/22/94	B0BJY9	19.00 L		5800.00	
299-W22-46	3/22/94	B0BJZ0		6700.00		18.00 B
299-W22-46	3/22/94	B0BJZ4	29.00		6600.00	
299-W23-13	3/18/94	B0BJZ5		6500.00		24.00
299-W23-13	3/18/94	B0BJZ9	110.00 B		6100.00	
299-W23-14	3/18/94	B0BK00		5800.00		180.00
299-W23-14	3/18/94	B0BK04	46.00 B		5000.00	
299-W23-15	3/18/94	B0BK05		8700.00		45.00
299-W23-15	3/18/94	B0BK09	63.00 B		7900.00	

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Table 15-13. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area S-SX Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 4)

Well Name	Collection Date	Sample Number	FMANGAN 34/ppb 1/50s	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000
299-W22-39	3/18/94	B0BJX5		89.00		20000.00 D
299-W22-39	3/18/94	B0BJX9	2.90 L		16.00 U	
299-W22-44	3/18/94	B0BJY0		96.00		800.00
299-W22-44	3/18/94	B0BJY4	2.30 L		16.00 U	
299-W22-45	3/22/94	B0BJY5		16.00 U		11000.00 D
299-W22-45	3/22/94	B0BJY9	2.20 BL		16.00 U	
299-W22-46	3/22/94	B0BJZ0		73.00		19000.00 D
299-W22-46	3/22/94	B0BJZ4	2.20 BL		19.00 L	
299-W23-13	3/18/94	B0BJZ5		60.00		5500.00
299-W23-13	3/18/94	B0BJZ9	4.40 L		16.00 U	
299-W23-14	3/18/94	B0BK00		93.00		6200.00
299-W23-14	3/18/94	B0BK04	2.50 L		16.00 U	
299-W23-15	3/18/94	B0BK05		64.00		41000.00 D
299-W23-15	3/18/94	B0BK09	2.70 L		16.00 U	

Well Name	Collection Date	Sample Number	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.
299-W22-39	3/18/94	B0BJX5	3800.00		26000.00	
299-W22-39	3/18/94	B0BJX9		3500.00		27000.00
299-W22-44	3/18/94	B0BJY0	4300.00		23000.00	
299-W22-44	3/18/94	B0BJY4		1400.00		20000.00
299-W22-45	3/22/94	B0BJY5	3200.00		22000.00	
299-W22-45	3/22/94	B0BJY9		3500.00		23000.00
299-W22-46	3/22/94	B0BJZ0	3400.00		24000.00	
299-W22-46	3/22/94	B0BJZ4		3600.00		24000.00
299-W23-13	3/18/94	B0BJZ5	3700.00		21000.00	
299-W23-13	3/18/94	B0BJZ9		3600.00		21000.00
299-W23-14	3/18/94	B0BK00	3600.00		21000.00	
299-W23-14	3/18/94	B0BK04		2900.00		21000.00
299-W23-15	3/18/94	B0BK05	4100.00		22000.00	
299-W23-15	3/18/94	B0BK09		3700.00		21000.00

Well Name	Collection Date	Sample Number	SULFATE 124/ppb 89/250000s	TC-99 143/pCi/L ./900	TIN 34/ppb 24/.	FTIN 34/ppb 24/.
299-W22-39	3/18/94	B0BJX5	17000.00 D	754.00	49.00 LB	
299-W22-39	3/18/94	B0BJX9				38.00 LB
299-W22-44	3/18/94	B0BJY0	11000.00 D	3.45	24.00 U	
299-W22-44	3/18/94	B0BJY4				24.00 U
299-W22-45	3/22/94	B0BJY5	18000.00 D	4.95	24.00 U	
299-W22-45	3/22/94	B0BJY9				24.00 U
299-W22-46	3/22/94	B0BJZ0	19000.00 D	646.00	24.00 U	

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Table 15-13. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area S-SX Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 4)

Well Name	Collection Date	Sample Number	SULFATE 124/ppb 89/250000s	TC-99 143/pCi/L ./900	TIN 34/ppb 24/.	FTIN 34/ppb 24/.
299-W22-46	3/22/94	B0BJZ4				24.00 U
299-W23-13	3/18/94	B0BJZ5	17000.00 D	.46 U	38.00 LB	
299-W23-13	3/18/94	B0BJZ9				27.00 LB
299-W23-14	3/18/94	B0BK00	12000.00 D	13.40	24.00 U	
299-W23-14	3/18/94	B0BK04				24.00 U
299-W23-15	3/18/94	B0BK05	14000.00 D	1930.00	55.00 LB	
299-W23-15	3/18/94	B0BK09				38.00 LB

Well Name	Collection Date	Sample Number	TDS 65/ppm 10/500s	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.	URANIUM 145/ppb ./.
299-W22-39	3/18/94	B0BJX5	200.00	629.00	1.70	6.16
299-W22-44	3/18/94	B0BJY0	210.00	42.30 U	360.00	8.21
299-W22-45	3/22/94	B0BJY5	160.00	27.80 U	14.00	6.08
299-W22-46	3/22/94	B0BJZ0	190.00	3800.00	2.80	8.04
299-W23-13	3/18/94	B0BJZ5	200.00	-91.30 U	20.00	27.50
299-W23-14	3/18/94	B0BK00	180.00	109000.00	100.00	13.10
299-W23-15	3/18/94	B0BK05	220.00	89400.00	20.00	12.40

Well Name	Collection Date	Sample Number	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-W22-39	3/18/94	B0BJX5	33.00		4.40 UQ	
299-W22-39	3/18/94	B0BJX9		32.00		4.40 UQ
299-W22-44	3/18/94	B0BJY0	71.00		160.00 BQ	
299-W22-44	3/18/94	B0BJY4		24.00 L		4.40 UQ
299-W22-45	3/22/94	B0BJY5	28.00 L		6.90 L	
299-W22-45	3/22/94	B0BJY9		26.00 L		4.40 U
299-W22-46	3/22/94	B0BJZ0	36.00		5.30 L	
299-W22-46	3/22/94	B0BJZ4		35.00		4.40 U
299-W23-13	3/18/94	B0BJZ5	31.00		15.00 BQ	
299-W23-13	3/18/94	B0BJZ9		29.00 L		4.40 UQ
299-W23-14	3/18/94	B0BK00	41.00		85.00 BQ	
299-W23-14	3/18/94	B0BK04		30.00		4.40 UQ
299-W23-15	3/18/94	B0BK05	28.00 L		4.40 UQ	
299-W23-15	3/18/94	B0BK09		23.00 L		4.40 UQ

For explanation of this table, see Section 1.4 of report.

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Table 15-14. Contamination Indicator Parameters for the Single-Shell Tank Waste Management Area S-SX Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-W22-39	3/18/94	B0BJX5	224	270	8.35	8.10	500 L	
		B0BJX6	221		8.19		400 L	
		B0BJX7	219		8.17		500 L	
		B0BJX8	218		8.20		400 L	
	3/25/94	B0BKY2	262		7.78			5.0 U
		B0BKY3						5.0 U
		B0BKY4						5.0
		B0BKY5						5.0 U
299-W22-44	3/18/94	B0BJY0	202	200	7.92	8.00	400 L	5.0 U
		B0BJY1	202		7.92		400 L	5.0 U
		B0BJY2	203		7.91		500 L	5.8
		B0BJY3	204		7.92		500 L	20.8
299-W22-45	3/22/94	B0BJY5	219	240	8.30	8.10	500 LQ	5.0 U
		B0BJY6	218		8.30		700 LQ	5.0 U
		B0BJY7	216		8.30		340 LQ	5.0 U
		B0BJY8	216		8.30		400 LQ	5.0 U
299-W22-46	3/22/94	B0BJZ0	228	270	8.22	8.00	320 UQ	5.0 U
		B0BJZ1	224		8.32		320 UQ	5.0 U
		B0BJZ2	221		8.33		320 UQ	5.0 U
		B0BJZ3	219		8.31		320 UQ	10.8
299-W23-13	3/18/94	B0BJZ5	238	250	8.46	8.10	400 L	9.1
		B0BJZ6	231		8.52		400 L	5.8
		B0BJZ7	233		8.44		500 L	6.3
		B0BJZ8	237		8.40		500 L	5.0 U
299-W23-14	3/18/94	B0BK00	207	210	7.81	8.10	500 L	5.3
		B0BK01	207		7.76		500 L	7.0
		B0BK02	206		7.73		400 L	9.8
		B0BK03	206		7.70		400 L	5.8
299-W23-15	3/18/94	B0BK05	291	300	8.20	8.10	400 L	6.9
		B0BK06	289		8.23		400 L	5.6
		B0BK07	288		8.22		400 L	5.0 U
		B0BK08	288		8.21		500 L	5.0 U

For explanation of this table, see Section 1.4 of report.

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Table 15-15. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area T Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 3)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			32	32	
CONDUCT	73	Conductivity, lab	µmho				20	20	
TOC		Total Organic Carbon	ppb	320			32	26	
TOX		Total Organic Halogen	ppb	5			32	32	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	32	32	0
PH	125	pH, lab	pH		6.5-8.5	EPAS	20	20	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
2,4,5TP		2,4,5-TP	ppb	.015	50	EPA	2	0	0
2,4-D		2,4-D	ppb	.052	100	EPAI	2	0	0
ARSENIC		Arsenic	ppb	.64	50	EPA	5	3	0
FARSENIC		Arsenic, filtered	ppb	.64	50	EPA	5	3	0
BARIUM		Barium	ppb	1.3	1000	EPAI	5	5	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	5	5	0
CADMIUM		Cadmium	ppb	3	10	EPAI	5	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	5	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	5	5	5
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	5	2	1
ENDRIN		Endrin	ppb	.0042	.2	EPA	2	0	0
FLUORID		Fluoride	ppb	51	1400	EPAI	5	5	4
ALPHA		Gross alpha	pCi/L		15	EPA	7	4	0
MERCURY		Mercury	ppb	.095	2	EPA	5	0	0
FMERCUR		Mercury, filtered	ppb	.095	2	EPA	5	0	0
METHLOR		Methoxychlor	ppb	.022	100	EPAI	2	0	0
NITRATE		Nitrate	ppb	96	45000	EPA	5	5	4
RADIUM		Radium	pCi/L		5	EPAI	2	1	0
SELENUM		Selenium	ppb	1.4	10	EPAI	5	4	0
FSELENI		Selenium, filtered	ppb	1.4	10	EPAI	5	4	0
TOXAENE		Toxaphene	ppb	.7	5	EPAI	2	0	0
g-BHC		gamma-BHC (Lindane)	ppb	.0015	4	EPAI	2	0	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	5	5	0
IRON		Iron	ppb	18	300	EPAS	5	5	5
FIRON		Iron, filtered	ppb	18	300	EPAS	5	5	1
MANGESE		Manganese	ppb	1	50	EPAS	5	5	2
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	5	5	2
LPHENOL		Phenol	ppb	.57			2	0	
SODIUM		Sodium	ppb	150			5	5	
FSODIUM		Sodium, filtered	ppb	150			5	5	
SULFATE		Sulfate	ppb	89	250000	EPAS	5	5	0

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Table 15-15. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area T Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 3)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.22	200	EPA	4	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.062			4	0	
1,1-DIC		1,1-Dichloroethane	ppb	.08			4	0	
1,2-DIC		1,2-Dichloroethane	ppb	.055	5	EPA	4	0	0
14-dben		1,4-Dichlorobenzene	ppb	.107	75	EPA	4	0	0
2,4,5-T		2,4,5-T	ppb	.018			2	0	
246-trp		2,4,6-Trichlorophenol	ppb	1.6			2	0	
24-dchp		2,4-Dichlorophenol	ppb	1.5			2	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			2	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			2	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			2	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			2	0	
2NITPH		2-Nitrophenol	ppb	1.7			2	0	
BUTDINP	30	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			2	0	
BUTDINP	49	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	.24			2	0	
DDD		4,4'-DDD	ppb	.0039			2	0	
DDE		4,4'-DDE	ppb	.0015			2	0	
DDT		4,4'-DDT	ppb	.0012			2	0	
46DN2MP		4,6-Dinitro-2-methylphenol	ppb	1.6			2	0	
CHLCRES		4-Chloro-3-methylphenol	ppb	1.5			2	0	
NITPHEN		4-Nitrophenol	ppb	1.4			2	0	
ALDRIN		Aldrin	ppb	.0018			2	0	
ALKALIN		Alkalinity	ppm	1.96			5	5	
a-BHC		Alpha-BHC	ppb	.003			2	0	
ALUMNUM		Aluminum	ppb	19			5	5	
FALUMIN		Aluminum, filtered	ppb	19			5	2	
ANTIONY		Antimony	ppb	26			5	0	
FANTIMO		Antimony, filtered	ppb	26			5	0	
BENZENE		Benzene	ppb	.24	5	EPA	4	0	0
BERYLUM		Beryllium	ppb	1.5			5	0	
FBERYLL		Beryllium, filtered	ppb	1.5			5	0	
b-BHC		Beta-BHC	ppb	.0013			2	0	
BROMIDE		Bromide	ppb	110			5	0	
CALCIUM		Calcium	ppb	47			5	5	
FCALCIU		Calcium, filtered	ppb	47			5	5	
TETRANE		Carbon tetrachloride	ppb	.32	5	EPA	4	4	4
CHLOANE		Chlordane	ppb	.042	2	EPA	2	0	0
CHLFORM		Chloroform	ppb	.05			4	4	
COBALT		Cobalt	ppb	6.5			5	0	
FCOBALT		Cobalt, filtered	ppb	6.5			5	0	
COLIFORM		Coliforms	COL	1	1	EPAI	2	0	0
COPPER		Copper	ppb	2.6	1000	EPAS	5	5	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	5	2	0
CRESOLS		Cresols (methylphenols)	ppb	4.8			2	0	
d-BHC		Delta-BHC	ppb	.0018			2	0	
DIELRIN		Dieldrin	ppb	.0021			2	0	
ENDO1		Endosulfan I	ppb	.0018			2	0	
ENDO2		Endosulfan II	ppb	.0012			2	0	
ENDSFAN		Endosulfan sulfate	ppb	.0018			2	0	
ENDRALD		Endrin Aldehyde	ppb	.0039			2	0	
ETHBENZ		Ethylbenzene	ppb	.043	700	EPA	4	0	0

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Table 15-15. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area T Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 3)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
BETA		Gross beta	pCi/L				7	7	
HEPTLOR		Heptachlor	ppb	.0015	.4	EPA	2	0	0
HEPTIDE		Heptachlor epoxide	ppb	.0012	.2	EPA	2	0	0
I-129L		Iodine-129, Low level	pCi/L				5	1	
LEAD		Lead	ppb	.86	50	EPAI	5	3	0
FLEAD		Lead, filtered	ppb	.86	50	EPAI	5	3	0
MAGNES		Magnesium	ppb	25			5	5	
FMAGNES		Magnesium, filtered	ppb	25			5	5	
METHYCH		Methylene chloride	ppb	.082			4	1	
NICKEL		Nickel	ppb	16			5	5	
FNICKEL		Nickel, filtered	ppb	16			5	4	
NITRITE		Nitrite	ppb	110	1000	EPA	5	1	1
PENTCHP		Pentachlorophenol	ppb	1.7	1	EPA	2	0	1*
PHOSPHA		Phosphate	ppb	470			5	0	
PU-238		Plutonium-238	pCi/L				2	0	
PU39-40		Plutonium-239/40	pCi/L				2	0	
POTASUM		Potassium	ppb	890			5	5	
FPOTASS		Potassium, filtered	ppb	890			5	5	
SILVER		Silver	ppb	3.4	50	EPAI	4	0	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	5	0	0
SR-90		Strontium-90	pCi/L		8	EPA	5	2	0
TC-99		Technetium-99	pCi/L		900	EPA	5	4	0
PERCENE		Tetrachloroethene	ppb	.08	5	EPA	4	3	0
TETPHNL		Tetrachlorophenols	ppb	1.4			2	0	
THALLIUM		Thallium	ppb	1.2			5	0	
FTHALIUM		Thallium, filtered	ppb	1.2			5	0	
TIN		Tin	ppb	24			5	0	
FTIN		Tin, filtered	ppb	24			5	0	
TOLUENE		Toluene	ppb	.077	1000	EPA	4	0	0
TDS		Total Dissolved Solids	ppm	10	500	EPAS	6	6	5
TRICENE		Trichloroethene	ppb	.043	5	EPA	4	3	3
TRIPHNL		Trichlorophenols	ppb	2.1			2	0	
TRITIUM		Tritium	pCi/L		20000	EPA	7	6	5
TURBID		Turbidity	NTU	.016			5	5	
URANIUM		Uranium	ppb				5	5	
VANADUM		Vanadium	ppb	6.4			5	5	
FVANADI		Vanadium, filtered	ppb	6.4			5	5	
VINYIDE		Vinyl chloride	ppb	.15	2	EPA	4	0	0
XYLENE		Xylenes (total)	ppb	.2	10000	EPA	4	0	0
ZINC		Zinc	ppb	4.4	5000	EPAS	5	5	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	5	2	0
CIS12DE		cis-1,2-Dichloroethylene	ppb	.045	70	EPA	4	2	0
TRANDCE		trans-1,2-Dichloroethylene	ppb	.067	100	EPA	4	0	0

For explanation of this table, see Section 1.4 of report.

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Table 15-16. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area T Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 4)

Well Name	Collection Date	Sample Number	ALKALIN 357/ppm 1.96/.	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	ARSENIC 43/ppb .64/50
299-W10-15	3/17/94	B0BK15	110.00	120.00 L		4.60 L
299-W10-15	3/17/94	B0BK19			67.00 L	
299-W10-16	3/17/94	B0BK20	150.00	85.00 L		3.20 L
299-W10-16	3/17/94	B0BK24			19.00 U	
299-W11-27	3/17/94	B0BK35	150.00	80.00 L		2.00 L
299-W11-27	3/17/94	B0BK39			19.00 U	
299-W11-28	1/31/94	B09NB0	150.00 BP	2500.00 P		1.38 UP
299-W11-28	1/31/94	B09NB4			32.50 UP	
299-W11-28	3/21/94	B0BK50	150.00 P	270.00 P		.64 U
299-W11-28	3/21/94	B0BK54			55.00 LP	

Well Name	Collection Date	Sample Number	FARSENIC 43/ppb .64/50	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	CALCIUM 34/ppb 47/.
299-W10-15	3/17/94	B0BK15		66.00		35000.00
299-W10-15	3/17/94	B0BK19	4.00 L		65.00	
299-W10-16	3/17/94	B0BK20		34.00		31000.00
299-W10-16	3/17/94	B0BK24	3.20 L		34.00	
299-W11-27	3/17/94	B0BK35		47.00		40000.00
299-W11-27	3/17/94	B0BK39	2.00 L		47.00	
299-W11-28	1/31/94	B09NB0		70.00 P		40000.00 P
299-W11-28	1/31/94	B09NB4	1.38 UP		43.00 P	
299-W11-28	3/21/94	B0BK50		42.00 P		37000.00 P
299-W11-28	3/21/94	B0BK54	.64 U		41.00 P	

Well Name	Collection Date	Sample Number	FCALCIU 34/ppb 47/.	TETRANE 25/ppb .32/5	CHLORID 124/ppb 71/250000s	CHLFORM 25/ppb .05/.
299-W10-15	3/17/94	B0BK15		1000.00 D	26000.00 D	9.70
299-W10-15	3/17/94	B0BK19	39000.00			
299-W10-16	3/17/94	B0BK20		690.00 D	30000.00 D	7.90
299-W10-16	3/17/94	B0BK24	32000.00			
299-W11-27	3/17/94	B0BK35		5.60	1900.00	.35 L
299-W11-27	3/17/94	B0BK39	42000.00			
299-W11-28	1/31/94	B09NB0			29000.00 D	
299-W11-28	1/31/94	B09NB4	36000.00 P			
299-W11-28	3/21/94	B0BK50		900.00 D	30000.00 D	46.00
299-W11-28	3/21/94	B0BK54	41000.00 P			

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Table 15-16. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area T Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 4)

Well Name	Collection Date	Sample Number	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s
299-W10-15	3/17/94	B0BK15	380.00		21.00	
299-W10-15	3/17/94	B0BK19		150.00		5.20 L
299-W10-16	3/17/94	B0BK20	270.00		18.00 L	
299-W10-16	3/17/94	B0BK24		43.00		2.60 U
299-W11-27	3/17/94	B0BK35	230.00		14.00 L	
299-W11-27	3/17/94	B0BK39		11.00 U		2.60 U
299-W11-28	1/31/94	B09NB0	640.00 P		34.00 P	
299-W11-28	1/31/94	B09NB4		5.42 UP		2.65 UP
299-W11-28	3/21/94	B0BK50	360.00 P		25.00 P	
299-W11-28	3/21/94	B0BK54		11.00 UP		2.60 LP

Well Name	Collection Date	Sample Number	FLUORID 124/ppb 51/1400i	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	I-129 139/pCi/L ./.
299-W10-15	12/10/93	B09NB5		3.25	92.20	
299-W10-15	3/17/94	B0BK15	5000.00	2.61 U	74.60	.04 U
299-W10-16	3/17/94	B0BK20	2500.00	2.86	27.80	.41
299-W11-27	12/13/93	B09ND0		1.47	7.41	
299-W11-27	3/17/94	B0BK35	1100.00	1.62	6.44	.07 U
299-W11-28	1/31/94	B09NB0	3900.00	-.35 UP	85.70 P	.07 UP
299-W11-28	3/21/94	B0BK50	3900.00	.43 U	79.60	-.20 UP

Well Name	Collection Date	Sample Number	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i
299-W10-15	3/17/94	B0BK15	1300.00 B		.88 L	
299-W10-15	3/17/94	B0BK19		180.00 B		.86 U
299-W10-16	3/17/94	B0BK20	1100.00 B		.76 L	
299-W10-16	3/17/94	B0BK24		63.00 B		1.20 L
299-W11-27	3/17/94	B0BK35	1100.00 B		.72 L	
299-W11-27	3/17/94	B0BK39		140.00 B		1.50 L
299-W11-28	1/31/94	B09NB0	15000.00 BP		4.40 BLP	
299-W11-28	1/31/94	B09NB4		48.00 BP		1.20 BLP
299-W11-28	3/21/94	B0BK50	4600.00 BP		1.40 L	
299-W11-28	3/21/94	B0BK54		400.00 BP		.86 U

Well Name	Collection Date	Sample Number	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s
299-W10-15	3/17/94	B0BK15	15000.00		30.00	
299-W10-15	3/17/94	B0BK19		15000.00		5.40 L
299-W10-16	3/17/94	B0BK20	9500.00		22.00	
299-W10-16	3/17/94	B0BK24		9700.00		2.30 L
299-W11-27	3/17/94	B0BK35	13000.00		22.00	
299-W11-27	3/17/94	B0BK39		14000.00		2.10 L

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Table 15-16. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area T Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 4)

Well Name	Collection Date	Sample Number	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s
299-W11-28	1/31/94	B09NB0	14000.00 P		230.00 P	
299-W11-28	1/31/94	B09NB4		12000.00 P		51.00 P
299-W11-28	3/21/94	B0BK50	12000.00 P		150.00 P	
299-W11-28	3/21/94	B0BK54		14000.00 P		140.00 P

Well Name	Collection Date	Sample Number	METHYCH 25/ppb .082/.	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000
299-W10-15	3/17/94	B0BK15	.06 U	140.00		360000.00 D
299-W10-15	3/17/94	B0BK19			20.00 L	
299-W10-16	3/17/94	B0BK20	.06 U	120.00		160000.00 D
299-W10-16	3/17/94	B0BK24			24.00 L	
299-W11-27	3/17/94	B0BK35	.06 U	120.00		5800.00
299-W11-27	3/17/94	B0BK39			17.00 L	
299-W11-28	1/31/94	B09NB0		280.00 P		190000.00 D
299-W11-28	1/31/94	B09NB4			17.90 UP	
299-W11-28	3/21/94	B0BK50	.19 L	160.00 P		200000.00 D
299-W11-28	3/21/94	B0BK54			31.00 P	

Well Name	Collection Date	Sample Number	NITRITE 124/ppb 110/1000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.	RADIUM 137/pCi/L ./5i
299-W10-15	3/17/94	B0BK15	38.30 U	5500.00		
299-W10-15	3/17/94	B0BK19			5000.00	
299-W10-16	3/17/94	B0BK20	38.30 U	4000.00		
299-W10-16	3/17/94	B0BK24			3900.00	
299-W11-27	3/17/94	B0BK35	38.30 U	4400.00		
299-W11-27	3/17/94	B0BK39			4100.00	
299-W11-28	1/31/94	B09NB0	38.30 U	5300.00 P		.25 P
299-W11-28	1/31/94	B09NB4			4600.00 P	
299-W11-28	3/21/94	B0BK50	1600.00	4600.00 P		.12 UP
299-W11-28	3/21/94	B0BK54			4900.00 P	

Well Name	Collection Date	Sample Number	SELENUM 48/ppb 1.4/10i	FSELENI 48/ppb 1.4/10i	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.
299-W10-15	3/17/94	B0BK15	3.40 L		170000.00 B	
299-W10-15	3/17/94	B0BK19		3.60 L		170000.00 B
299-W10-16	3/17/94	B0BK20	4.40 L		110000.00 B	
299-W10-16	3/17/94	B0BK24		4.90 L		110000.00 B
299-W11-27	3/17/94	B0BK35	1.40 U		19000.00 B	
299-W11-27	3/17/94	B0BK39		1.40 U		19000.00 B
299-W11-28	1/31/94	B09NB0	4.30 LP		140000.00 BP	
299-W11-28	1/31/94	B09NB4		5.10 LP		140000.00 BP
299-W11-28	3/21/94	B0BK50	5.60 LP		130000.00 BP	
299-W11-28	3/21/94	B0BK54		5.20 LP		130000.00 BP

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Table 15-16. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area T Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 4)

Well Name	Collection Date	Sample Number	SR-90 141/pCi/L ./8	SULFATE 124/ppb 89/250000s	TC-99 143/pCi/L ./900	PERCENE 25/ppb .08/5
299-W10-15	3/17/94	B0BK15	-.07 U	68000.00 D	471.00	.64
299-W10-16	3/17/94	B0BK20	.41	66000.00 D	118.00	.51
299-W11-27	3/17/94	B0BK35	-.14 U	50000.00 D	.49 U	.05 U
299-W11-28	1/31/94	B09NB0	.86 P	110000.00 D	407.00 P	
299-W11-28	3/21/94	B0BK50	-.22 UP	100000.00 D	320.00 P	.70

Well Name	Collection Date	Sample Number	TDS 65/ppm 10/500s	TRICENE 25/ppb .043/5	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.
299-W10-15	12/10/93	B09NB5	810.00		35000.00	
299-W10-15	3/17/94	B0BK15	810.00	10.00	34800.00	3.30
299-W10-16	3/17/94	B0BK20	530.00	11.00	45400.00	3.30
299-W11-27	12/13/93	B09ND0			242.00	
299-W11-27	3/17/94	B0BK35	280.00	.07 U	153.00 U	3.10
299-W11-28	1/31/94	B09NB0	640.00 P		60500.00 P	92.00
299-W11-28	3/21/94	B0BK50	630.00	14.00	59000.00	29.00

Well Name	Collection Date	Sample Number	URANIUM 145/ppb ./.	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	ZINC 34/ppb 4.4/5000s
299-W10-15	3/17/94	B0BK15	3.30	44.00		27.00
299-W10-15	3/17/94	B0BK19			42.00	
299-W10-16	3/17/94	B0BK20	1.75	41.00		9.30 L
299-W10-16	3/17/94	B0BK24			38.00	
299-W11-27	3/17/94	B0BK35	2.79	22.00 L		8.60 L
299-W11-27	3/17/94	B0BK39			23.00 L	
299-W11-28	1/31/94	B09NB0	1.76 P	31.00 P		49.00 BPQ
299-W11-28	1/31/94	B09NB4			15.00 LP	
299-W11-28	3/21/94	B0BK50	1.37 P	19.00 LP		18.00 P
299-W11-28	3/21/94	B0BK54			13.00 LP	

Well Name	Collection Date	Sample Number	FZINC 34/ppb 4.4/5000s	CIS12DE 25/ppb .045/70
299-W10-15	3/17/94	B0BK15		.05 L
299-W10-15	3/17/94	B0BK19	4.40 U	
299-W10-16	3/17/94	B0BK20		.08 L
299-W10-16	3/17/94	B0BK24	4.40 U	
299-W11-27	3/17/94	B0BK35		.13 U
299-W11-27	3/17/94	B0BK39	6.20 L	
299-W11-28	1/31/94	B09NB4	4.10 LBPQ	
299-W11-28	3/21/94	B0BK50		.13 U
299-W11-28	3/21/94	B0BK54	9.00 LP	

For explanation of this table, see Section 1.4 of report.

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Table 15-17. Contamination Indicator Parameters for the Single-Shell Tank Waste Management Area T Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-W10-15	12/10/93	B09NB5	1139	1200	7.95	7.60	500 LQ	1010.0
		B09NB6	1110	1200	7.94	7.70	600 LQ	1020.0
		B09NB7	1133	1200	7.95	7.70	500 LQ	991.0
		B09NB8	1133	1200	7.95	7.60	500 LQ	994.0
	3/17/94	B0BK15	1124	1100	8.19	8.30	400 LQ	883.0
		B0BK16	1126		8.19		400 LQ	646.0
		B0BK17	1126		8.19		400 LQ	740.0
		B0BK18	1127		8.17		400 LQ	784.0
299-W10-16	12/16/93	B09N95	777	780	6.93 F	7.90	300 L	805.0
		B09N96	767	780	6.95 F	7.90	300 L	779.0
		B09N97	775	780	6.98 F	7.90	400 L	762.0
		B09N98	770	780	6.99 F	7.90	300 L	770.0
	3/17/94	B0BK20	771	790	7.86	8.10	340 LQ	858.0
		B0BK21	769		7.87		340 LQ	363.0
		B0BK22	771		7.86		340 LQ	706.0
		B0BK23	772		7.87		330 LQ	686.0
299-W11-27	12/13/93	B09ND0	371	400	7.73	8.00	400 L	10.9
		B09ND1	373	400	7.77	8.00	400 L	8.8
		B09ND2	378	400	7.80	8.00	500 L	11.2
		B09ND3	376	400	7.81	8.00	500 L	8.3
	3/17/94	B0BK35	397	390	8.06	8.10	200 U	11.6
		B0BK36	394		8.01		200 U	10.9
		B0BK37	394		8.00		200 U	8.9
		B0BK38	393		8.00		400 L	7.6
299-W11-28	1/31/94	B09NB0	974 P	950	8.30 P	8.10 P	400 LP	618.0 P
		B09NB1	971 P	950	8.32 P	8.10 P	400 LP	681.0 P
		B09NB2	965 P	950	8.32 P	8.10 P	500 LP	609.0 P
		B09NB3	970 P	950	8.32 P	8.10 P	400 LP	565.0 P
	3/21/94	B0BK50	907 P	970 P	7.98 P	7.90	500 LP	597.0 P
		B0BK51	913 P		7.95 P		500 LP	660.0 P
		B0BK52	921 P		7.94 P		500 LP	571.0 P
		B0BK53	923 P		7.94 P		500 LP	584.0 P

For explanation of this table, see Section 1.4 of report.

9413230.1981

Table 15-18. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area TX-TY Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			40	40	
CONDUCT	73	Conductivity, lab	µmho				20	20	
TOC		Total Organic Carbon	ppb	320			32	28	
TOX		Total Organic Halogen	ppb	5			28	28	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	40	40	0
PH	125	pH, lab	pH		6.5-8.5	EPAS	20	20	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
ARSENIC		Arsenic	ppb	.64	50	EPA	4	1	0
FARSENIC		Arsenic, filtered	ppb	.64	50	EPA	4	3	0
BARIUM		Barium	ppb	1.3	1000	EPAI	4	4	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	4	4	0
CADMIUM		Cadmium	ppb	3	10	EPAI	4	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	4	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	4	4	4
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	4	3	1
FLUORID		Fluoride	ppb	51	1400	EPAI	4	4	2
ALPHA		Gross alpha	pCi/L		15	EPA	5	3	0
MERCURY		Mercury	ppb	.095	2	EPA	4	0	0
FMERCUR		Mercury, filtered	ppb	.095	2	EPA	4	0	0
NITRATE		Nitrate	ppb	96	45000	EPA	4	4	4
SELENUM		Selenium	ppb	1.4	10	EPAI	4	4	0
FSELENI		Selenium, filtered	ppb	1.4	10	EPAI	4	4	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	4	4	0
IRON		Iron	ppb	18	300	EPAS	4	4	4
FIRON		Iron, filtered	ppb	18	300	EPAS	4	4	0
MANGESE		Manganese	ppb	1	50	EPAS	4	4	1
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	4	4	0
SODIUM		Sodium	ppb	150			4	4	
FSODIUM		Sodium, filtered	ppb	150			4	4	
SULFATE		Sulfate	ppb	89	250000	EPAS	4	4	0

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.22	200	EPA	4	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.062			4	0	
1,1-DIC		1,1-Dichloroethane	ppb	.08			4	0	
1,2-DIC		1,2-Dichloroethane	ppb	.055	5	EPA	4	0	0
14-dben		1,4-Dichlorobenzene	ppb	.107	75	EPA	4	0	0
ALKALIN		Alkalinity	ppm	1.96			4	4	

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Table 15-18. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area TX-TY Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
ALUMNUM		Aluminum	ppb	19			4	4	
FALUMIN		Aluminum, filtered	ppb	19			4	2	
ANTIONY		Antimony	ppb	26			4	0	
FANTIMO		Antimony, filtered	ppb	26			4	1	
BENZENE		Benzene	ppb	.24	5	EPA	4	0	0
BERYLUM		Beryllium	ppb	1.5			4	0	
FBERYLL		Beryllium, filtered	ppb	1.5			4	0	
BROMIDE		Bromide	ppb	110			4	1	
CALCIUM		Calcium	ppb	47			4	4	
FCALCIU		Calcium, filtered	ppb	47			4	4	
TETRANE		Carbon tetrachloride	ppb	.32	5	EPA	4	4	4
CHLFORM		Chloroform	ppb	.05			4	4	
COBALT		Cobalt	ppb	6.5			4	0	
FCOBALT		Cobalt, filtered	ppb	6.5			4	0	
COPPER		Copper	ppb	2.6	1000	EPAS	4	4	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	4	0	0
ETHBENZ		Ethylbenzene	ppb	.043	700	EPA	4	0	0
BETA		Gross beta	pCi/L				5	5	
I-129L		Iodine-129, Low level	pCi/L				4	3	
LEAD		Lead	ppb	.86	50	EPAI	4	3	0
FLEAD		Lead, filtered	ppb	.86	50	EPAI	4	2	0
MAGNES		Magnesium	ppb	25			4	4	
FMAGNES		Magnesium, filtered	ppb	25			4	4	
METHYCH		Methylene chloride	ppb	.082			4	1	
NICKEL		Nickel	ppb	16			4	4	
FNICKEL		Nickel, filtered	ppb	16			4	3	
NITRITE		Nitrite	ppb	110	1000	EPA	4	0	0
PHOSPHA		Phosphate	ppb	470			4	0	
PU-238		Plutonium-238	pCi/L				2	0	
PU39-40		Plutonium-239/40	pCi/L				2	0	
POTASUM		Potassium	ppb	890			4	4	
FPOTASS		Potassium, filtered	ppb	890			4	4	
SILVER		Silver	ppb	3.4	50	EPAI	4	1	1
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	4	0	0
SR-90		Strontium-90	pCi/L		8	EPA	4	0	0
TC-99		Technetium-99	pCi/L		900	EPA	4	4	1
PERCENE		Tetrachloroethene	ppb	.08	5	EPA	4	4	0
THALLIUM		Thallium	ppb	1.2			4	0	
FTHALIUM		Thallium, filtered	ppb	1.2			4	0	
TIN		Tin	ppb	24			4	0	
FTIN		Tin, filtered	ppb	24			4	0	
TOLUENE		Toluene	ppb	.077	1000	EPA	4	0	0
TDS		Total Dissolved Solids	ppm	10	500	EPAS	5	5	1
TRICENE		Trichloroethene	ppb	.043	5	EPA	4	4	2
TRITIUM		Tritium	pCi/L		20000	EPA	5	5	3
TURBID		Turbidity	NTU	.016			4	4	
URANIUM		Uranium	ppb				4	4	
VANADUM		Vanadium	ppb	6.4			4	4	
FVANADI		Vanadium, filtered	ppb	6.4			4	4	
VINYIDE		Vinyl chloride	ppb	.15	2	EPA	4	0	0
XYLENE		Xylenes (total)	ppb	.2	10000	EPA	4	0	0
ZINC		Zinc	ppb	4.4	5000	EPAS	4	3	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	4	3	0
CIS12DE		cis-1,2-Dichloroethylene	ppb	.045	70	EPA	4	0	0
TRANDCE		trans-1,2-Dichloroethylene	ppb	.067	100	EPA	4	0	0

For explanation of this table, see Section 1.4 of report.

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Table 15-19. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area TX-TY Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 4)

Well Name	Collection Date	Sample Number	ALKALIN 357/ppm 1.96/.	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	ANTIONY 34/ppb 26/.
299-W10-17	3/21/94	B0BK25	148.00	48.00 L		26.00 U
299-W10-17	3/21/94	B0BK29			38.00 L	
299-W10-18	3/22/94	B0BK30	120.00	540.00		26.00 U
299-W10-18	3/22/94	B0BK34			19.00 U	
299-W14-12	3/17/94	B0BK40	100.00	110.00 L		26.00 U
299-W14-12	3/17/94	B0BK44			21.00 L	
299-W15-22	3/17/94	B0BK45	110.00	4500.00		26.00 U
299-W15-22	3/17/94	B0BK49			19.00 U	

Well Name	Collection Date	Sample Number	FANTIMO 34/ppb 26/.	ARSENIC 43/ppb .64/50	FARSENIC 43/ppb .64/50	BARIUM 34/ppb 1.3/1000i
299-W10-17	3/21/94	B0BK25		7.10		27.00
299-W10-17	3/21/94	B0BK29	26.00 U		7.10	
299-W10-18	3/22/94	B0BK30		1.38 U		63.00
299-W10-18	3/22/94	B0BK34	26.00 U		2.10 L	
299-W14-12	3/17/94	B0BK40		.64 U		110.00
299-W14-12	3/17/94	B0BK44	41.00 L		.64 U	
299-W15-22	3/17/94	B0BK45		.64 U		86.00
299-W15-22	3/17/94	B0BK49	26.00 U		2.00 L	

Well Name	Collection Date	Sample Number	FBARIUM 34/ppb 1.3/1000i	BROMIDE 124/ppb 110/.	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.
299-W10-17	3/21/94	B0BK25		110.00 U	23000.00	
299-W10-17	3/21/94	B0BK29	27.00			24000.00
299-W10-18	3/22/94	B0BK30		150.00 L	51000.00 B	
299-W10-18	3/22/94	B0BK34	58.00			46000.00 B
299-W14-12	3/17/94	B0BK40		52.80 U	140000.00	
299-W14-12	3/17/94	B0BK44	100.00			130000.00
299-W15-22	3/17/94	B0BK45		52.80 U	62000.00	
299-W15-22	3/17/94	B0BK49	53.00			59000.00

Well Name	Collection Date	Sample Number	TETRANE 25/ppb .32/5	CHLORID 124/ppb 71/250000s	CHLFORM 25/ppb .05/.	CHROMUM 34/ppb 11/50i
299-W10-17	3/21/94	B0BK25	1200.00 D	33000.00 D	13.00	60.00
299-W10-18	3/22/94	B0BK30	510.00 D	37000.00 D	5.40	170.00
299-W14-12	3/17/94	B0BK40	530.00 D	80000.00 D	5.40	650.00
299-W15-22	3/17/94	B0BK45	910.00 D	23000.00 D	7.70	760.00

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Table 15-19. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area TX-TY Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 4)

Well Name	Collection Date	Sample Number	FCHROMI 34/ppb 11/50i	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i
299-W10-17	3/21/94	B0BK25		3.30 L		2200.00
299-W10-17	3/21/94	B0BK29	19.00 L		2.60 U	
299-W10-18	3/22/94	B0BK30		9.80 L		1600.00
299-W10-18	3/22/94	B0BK34	11.00 U		2.60 U	
299-W14-12	3/17/94	B0BK40		13.00 L		1000.00
299-W14-12	3/17/94	B0BK44	330.00		2.60 U	
299-W15-22	3/17/94	B0BK45		48.00		700.00
299-W15-22	3/17/94	B0BK49	12.00 L		2.60 U	

Well Name	Collection Date	Sample Number	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	I-129 139/pCi/L ./.	IRON 34/ppb 18/300s
299-W10-17	3/21/94	B0BK25	.81 U	34.20	.03 U	360.00 B
299-W10-18	3/22/94	B0BK30	2.36	18.20	.26	2800.00
299-W14-12	3/17/94	B0BK40	1.10 U	1610.00	34.20	1300.00 B
299-W15-22	12/10/93	B09NF0	2.69	88.70		
299-W15-22	3/17/94	B0BK45	4.04	78.30	35.90	18000.00 B

Well Name	Collection Date	Sample Number	FIRON 34/ppb 18/300s	LEAD 40/ppb .86/50i	FLEAD 40/ppb .86/50i	MAGNES 34/ppb 25/.
299-W10-17	3/21/94	B0BK25		.84 L		7500.00
299-W10-17	3/21/94	B0BK29	45.00 B		.86 U	
299-W10-18	3/22/94	B0BK30		1.30 L		18000.00
299-W10-18	3/22/94	B0BK34	56.00		.86 U	
299-W14-12	3/17/94	B0BK40		2.10 L		50000.00
299-W14-12	3/17/94	B0BK44	35.00 B		1.10 L	
299-W15-22	3/17/94	B0BK45		6.70		19000.00
299-W15-22	3/17/94	B0BK49	110.00 B		1.30 L	

Well Name	Collection Date	Sample Number	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	METHYCH 25/ppb .082/.
299-W10-17	3/21/94	B0BK25		6.50 L		.06 U
299-W10-17	3/21/94	B0BK29	7700.00		2.50 L	
299-W10-18	3/22/94	B0BK30		42.00 B		.08 U
299-W10-18	3/22/94	B0BK34	16000.00		5.80 BL	
299-W14-12	3/17/94	B0BK40		27.00		.27 L
299-W14-12	3/17/94	B0BK44	48000.00		1.80 L	
299-W15-22	3/17/94	B0BK45		300.00		.06 U
299-W15-22	3/17/94	B0BK49	17000.00		6.60 L	

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Table 15-19. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area TX-TY Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 4)

Well Name	Collection Date	Sample Number	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.
299-W10-17	3/21/94	B0BK25	34.00		110000.00 D	3600.00
299-W10-17	3/21/94	B0BK29		27.00 L		
299-W10-18	3/22/94	B0BK30	260.00		57000.00 D	5400.00
299-W10-18	3/22/94	B0BK34		190.00		
299-W14-12	3/17/94	B0BK40	120.00		390000.00 D	6800.00
299-W14-12	3/17/94	B0BK44		16.00 U		
299-W15-22	3/17/94	B0BK45	430.00		110000.00 D	5300.00
299-W15-22	3/17/94	B0BK49		24.00 L		

Well Name	Collection Date	Sample Number	FPOTASS 34/ppb 890/.	SELENUM 48/ppb 1.4/10i	FSELENI 48/ppb 1.4/10i	SILVER 34/ppb 3.4/50i
299-W10-17	3/21/94	B0BK25		3.70 L		16512.00 F
299-W10-17	3/21/94	B0BK29	3800.00		3.80 L	
299-W10-18	3/22/94	B0BK30		3.10 L		3.40 U
299-W10-18	3/22/94	B0BK34	5100.00		3.10 L	
299-W14-12	3/17/94	B0BK40		2.60 L		3.40 U
299-W14-12	3/17/94	B0BK44	6800.00		2.40 L	
299-W15-22	3/17/94	B0BK45		3.80 L		3.40 U
299-W15-22	3/17/94	B0BK49	4600.00		3.50 L	

Well Name	Collection Date	Sample Number	FSILVER 34/ppb 3.4/50i	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.	SULFATE 124/ppb 89/250000s
299-W10-17	3/21/94	B0BK25		110000.00 B		68000.00 D
299-W10-17	3/21/94	B0BK29	3.40 U		120000.00 B	
299-W10-18	3/22/94	B0BK30		37000.00		50000.00 D
299-W10-18	3/22/94	B0BK34	3.40 U		40000.00	
299-W14-12	3/17/94	B0BK40		25000.00 B		76000.00 D
299-W14-12	3/17/94	B0BK44	3.40 U		25000.00 B	
299-W15-22	3/17/94	B0BK45		21000.00 B		40000.00 D
299-W15-22	3/17/94	B0BK49	3.40 U		20000.00 B	

Well Name	Collection Date	Sample Number	TC-99 143/pCi/L ./900	PERCENE 25/ppb .08/5	TDS 65/ppm 10/500s	TRICENE 25/ppb .043/5
299-W10-17	3/21/94	B0BK25	138.00	.67	480.00	9.20
299-W10-18	3/22/94	B0BK30	89.30	.12 L	390.00	2.00
299-W14-12	3/17/94	B0BK40	369.00	.17 L	850.00	2.50
299-W15-22	12/10/93	B09NF0			380.00	
299-W15-22	3/17/94	B0BK45	7650.00 F	.65	390.00	5.10

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Table 15-19. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area TX-TY Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 4)

Well Name	Collection Date	Sample Number	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.	URANIUM 145/ppb ./.	VANADUM 34/ppb 6.4/.
299-W10-17	3/21/94	B0BK25	37800.00	.65	1.17	56.00
299-W10-18	3/22/94	B0BK30	19000.00	23.00	1.68	33.00
299-W14-12	3/17/94	B0BK40	278000.00	4.10	4.10	19.00 L
299-W15-22	12/10/93	B09NF0	20000.00			
299-W15-22	3/17/94	B0BK45	23700.00	140.00	2.47	43.00

Well Name	Collection Date	Sample Number	FVANADI 34/ppb 6.4/.	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-W10-17	3/21/94	B0BK25		73.00	
299-W10-17	3/21/94	B0BK29	60.00		12.00
299-W10-18	3/22/94	B0BK30		4.40 U	
299-W10-18	3/22/94	B0BK34	28.00 L		4.40 U
299-W14-12	3/17/94	B0BK40		8.60 L	
299-W14-12	3/17/94	B0BK44	17.00 L		17.00
299-W15-22	3/17/94	B0BK45		110.00	
299-W15-22	3/17/94	B0BK49	21.00 L		4.80 L

For explanation of this table, see Section 1.4 of report.

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Table 15-20. Contamination Indicator Parameters for the Single-Shell Tank Waste Management Area TX-TY Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-W10-17	12/16/93	B09NC0	748	750	7.51	8.00	500 L	
		B09NC1	754	750	7.54	7.90	600 L	
		B09NC2	750	740	7.57	8.00	600 L	
		B09NC3	746	750	7.59	8.00	500 L	
	12/28/93	B09PH9	775		8.02			659.0
		B09PJ0	770		8.02			397.0
		B09PJ1	769		8.02			934.0
		B09PJ2	765		8.02			907.0
	3/21/94	B0BK25	779	730	7.05	8.20	400 L	1130.0
		B0BK26	775		7.09		400 L	1090.0
		B0BK27	773		7.11		400 L	938.0
		B0BK28	771		7.13		500 L	1020.0
299-W10-18	12/16/93	B09NC5	582	570	7.70	7.80	600 L	
		B09NC6	577	570	7.69	7.80	500 L	
		B09NC7	574	560	7.70	7.80	500 L	
		B09NC8	572	560	7.70	7.80	400 L	
	12/28/93	B09PJ3	572		7.82			472.0
		B09PJ4	574		7.81			483.0
		B09PJ5	573		7.81			472.0
		B09PJ6	573		7.81			412.0
	3/22/94	B0BK30	515	560	7.84	8.00	400 LQ	510.0
		B0BK31	519		8.00		400 LQ	473.0
		B0BK32	519		7.97		400 LQ	512.0
		B0BK33	519		7.99		400 LQ	496.0
299-W14-12	12/16/93	B09ND5	1375	1300	7.51	7.60	400 L	
		B09ND6	1358	1300	7.52	7.60	600 L	
		B09ND7	1351	1300	7.52	7.60	500 L	
		B09ND8	1344	1300	7.53	7.60	500 L	
	3/17/94	B0BK40	1338	1300	7.83	7.80	400 L	216.0
		B0BK41	1318		7.83		400 L	347.0
		B0BK42	1317		7.84		400 L	190.0
		B0BK43	1302		7.83		400 L	345.0
299-W15-22	12/10/93	B09NF0	547	580	7.89	7.90	400 LQ	539.0
		B09NF1	545	580	7.88	7.90	400 LQ	1040.0
		B09NF2	544	570	7.88	7.90	400 LQ	771.0
		B09NF3	543	590	7.87	7.90	400 LQ	689.0
	3/17/94	B0BK45	565	570	8.10	7.90	200 U	931.0
		B0BK46	561		8.07		200 U	1150.0
		B0BK47	565		8.07		200 U	757.0
		B0BK48	560		8.10		200 U	988.0

For explanation of this table, see Section 1.4 of report.

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Table 15-21. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area U Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 3)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			20	20	
CONDUCT	73	Conductivity, lab	µmho				5	5	
TOC		Total Organic Carbon	ppb	320			20	10	
TOX		Total Organic Halogen	ppb	5			20	20	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	20	20	0
PH	125	pH, lab	pH		6.5-8.5	EPAS	5	5	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
BARIUM		Barium	ppb	1.3	1000	EPAI	5	5	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	5	5	0
CADMIUM		Cadmium	ppb	3	10	EPAI	5	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	5	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	5	5	4
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	5	4	1
FLUORID		Fluoride	ppb	51	1400	EPAI	5	5	0
ALPHA		Gross alpha	pCi/L		15	EPA	5	4	0
NITRATE		Nitrate	ppb	96	45000	EPA	5	5	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	5	5	0
IRON		Iron	ppb	18	300	EPAS	5	5	4
FIRON		Iron, filtered	ppb	18	300	EPAS	5	5	0
MANGESE		Manganese	ppb	1	50	EPAS	5	5	0
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	5	5	0
LPHENOL		Phenol	ppb	.57			5	0	
SODIUM		Sodium	ppb	150			5	5	
FSODIUM		Sodium, filtered	ppb	150			5	5	
SULFATE		Sulfate	ppb	89	250000	EPAS	5	5	0

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Table 15-21. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area U Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 3)

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.22	200	EPA	1	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.062			1	0	
1,1-DIC		1,1-Dichloroethane	ppb	.08			1	0	
1,2-DIC		1,2-Dichloroethane	ppb	.055	5	EPA	1	0	0
14-dben		1,4-Dichlorobenzene	ppb	.107	75	EPA	1	0	0
246-trp		2,4,6-Trichlorophenol	ppb	1.6			5	0	
24-dchp		2,4-Dichlorophenol	ppb	1.5			5	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			5	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			5	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			5	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			5	0	
2NITPH		2-Nitrophenol	ppb	1.7			5	0	
BUTDINP		2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			5	0	
46DN2MP		4,6-Dinitro-2-methylphenol	ppb	1.6			5	0	
CHLCRES		4-Chloro-3-methylphenol	ppb	1.5			5	0	
NITPHEN		4-Nitrophenol	ppb	1.4			5	0	
ALUMNUM		Aluminum	ppb	19			5	4	
FALUMIN		Aluminum, filtered	ppb	19			5	3	
ANTIONY		Antimony	ppb	26			5	0	
FANTIMO		Antimony, filtered	ppb	26			5	0	
BENZENE		Benzene	ppb	.24	5	EPA	1	0	0
BERYLUM		Beryllium	ppb	1.5			5	0	
FBERYLL		Beryllium, filtered	ppb	1.5			5	0	
BROMIDE		Bromide	ppb	110			5	0	
CALCIUM		Calcium	ppb	47			5	5	
FCALCIU		Calcium, filtered	ppb	47			5	5	
TETRANE		Carbon tetrachloride	ppb	.32	5	EPA	1	1	1
CHLFORM		Chloroform	ppb	.05			1	1	
COBALT		Cobalt	ppb	6.5			5	2	
FCOBALT		Cobalt, filtered	ppb	6.5			5	0	
COPPER		Copper	ppb	2.6	1000	EPAS	5	5	0
FCOPPER		Copper, filtered	ppb	2.6	1000	EPAS	5	3	0
CRESOLS		Cresols (methylphenols)	ppb	4.8			5	0	
ETHBENZ		Ethylbenzene	ppb	.043	700	EPA	1	0	0
BETA		Gross beta	pCi/L				5	5	
I-129L		Iodine-129, Low level	pCi/L				5	0	
MAGNES		Magnesium	ppb	25			5	5	
FMAGNES		Magnesium, filtered	ppb	25			5	5	
METHYCH		Methylene chloride	ppb	.082			1	0	
NICKEL		Nickel	ppb	16			5	5	
FNICKEL		Nickel, filtered	ppb	16			5	3	
NITRITE		Nitrite	ppb	110	1000	EPA	5	1	0
PENTCHP		Pentachlorophenol	ppb	1.7	1	EPA	5	0	5*
PHOSPHA		Phosphate	ppb	470			5	0	
PU-238		Plutonium-238	pCi/L				5	0	
PU39-40		Plutonium-239/40	pCi/L				5	1	
POTASUM		Potassium	ppb	890			5	5	
FPOTASS		Potassium, filtered	ppb	890			5	5	
SILVER		Silver	ppb	3.4	50	EPAI	5	1	0
FSILVER		Silver, filtered	ppb	3.4	50	EPAI	5	0	0
SR-90		Strontium-90	pCi/L		8	EPA	5	0	0

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Table 15-21. Constituent List and Summary of Results for the Single-Shell Tank Waste Management Area U Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 3)

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
TC-99		Technetium-99	pCi/L		900	EPA	5	5	0
PERCENE		Tetrachloroethene	ppb	.08	5	EPA	1	0	0
TETPHNL		Tetrachlorophenols	ppb	1.4			5	0	
TIN		Tin	ppb	24			5	1	
FTIN		Tin, filtered	ppb	24			5	0	
TOLUENE		Toluene	ppb	.077	1000	EPA	1	0	0
TDS		Total Dissolved Solids	ppm	10	500	EPAS	5	5	0
TRICENE		Trichloroethene	ppb	.043	5	EPA	1	1	0
TRIPHNL		Trichlorophenols	ppb	2.1			5	0	
TRITIUM		Tritium	pCi/L		20000	EPA	5	3	0
TURBID		Turbidity	NTU	.016			5	5	
URANIUM		Uranium	ppb				5	5	
VANADUM		Vanadium	ppb	6.4			5	5	
FVANADI		Vanadium, filtered	ppb	6.4			5	5	
VINYIDE		Vinyl chloride	ppb	.15	2	EPA	1	0	0
XYLENE		Xylenes (total)	ppb	.2	10000	EPA	1	0	0
ZINC		Zinc	ppb	4.4	5000	EPAS	5	4	0
FZINC		Zinc, filtered	ppb	4.4	5000	EPAS	5	4	0
CIS12DE		cis-1,2-Dichloroethylene	ppb	.045	70	EPA	1	0	0
TRANDCE		trans-1,2-Dichloroethylene	ppb	.067	100	EPA	1	0	0

For explanation of this table, see Section 1.4 of report.

Table 15-22. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area U Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 4)

Well Name	Collection Date	Sample Number	ALUMNUM 34/ppb 19/.	FALUMIN 34/ppb 19/.	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i
299-W18-25	3/28/94	B0BK10	30.00 LB		38.00	
299-W18-25	3/28/94	B0BK14		19.00 U		38.00
299-W18-30	3/28/94	B0BJV5	100.00 LB		23.00	
299-W18-30	3/28/94	B0BJV9		31.00 LB		24.00
299-W18-31	3/22/94	B0BJW0	19.00 U		67.00	
299-W18-31	3/22/94	B0BJW4		22.00 L		60.00
299-W19-31	3/28/94	B0BJW5	100.00 LB		35.00	
299-W19-31	3/28/94	B0BJW9		27.00 LB		35.00
299-W19-32	3/28/94	B0BJX0	140.00 LB		71.00	
299-W19-32	3/28/94	B0BJX4		19.00 U		66.00

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	TETRANE 25/ppb .32/5	CHLORID 124/ppb 71/250000s
299-W18-25	3/28/94	B0BK10	31000.00		52.00 D	9600.00
299-W18-25	3/28/94	B0BK14		31000.00		
299-W18-30	3/28/94	B0BJV5	20000.00			3000.00
299-W18-30	3/28/94	B0BJV9		20000.00		
299-W18-31	3/22/94	B0BJW0	32000.00 B			7000.00
299-W18-31	3/22/94	B0BJW4		31000.00 B		
299-W19-31	3/28/94	B0BJW5	34000.00			4000.00
299-W19-31	3/28/94	B0BJW9		33000.00		
299-W19-32	3/28/94	B0BJX0	40000.00			30000.00 D
299-W19-32	3/28/94	B0BJX4		40000.00		

Well Name	Collection Date	Sample Number	CHLFORM 25/ppb .05/.	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COBALT 34/ppb 6.5/.
299-W18-25	3/28/94	B0BK10	2.20	85.00		6.50 U
299-W18-25	3/28/94	B0BK14			20.00 L	
299-W18-30	3/28/94	B0BJV5		73.00		6.50 U
299-W18-30	3/28/94	B0BJV9			14.00 L	
299-W18-31	3/22/94	B0BJW0		43.00		6.50 U
299-W18-31	3/22/94	B0BJW4			11.00 U	
299-W19-31	3/28/94	B0BJW5		140.00		8.00 L
299-W19-31	3/28/94	B0BJW9			13.00 L	
299-W19-32	3/28/94	B0BJX0		490.00		8.00 L
299-W19-32	3/28/94	B0BJX4			54.00	

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Table 15-22. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area U Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 4)

Well Name	Collection Date	Sample Number	FCOBALT 34/ppb 6.5/.	COPPER 34/ppb 2.6/1000s	FCOPPER 34/ppb 2.6/1000s	FLUORID 124/ppb 51/1400i
299-W18-25	3/28/94	B0BK10		6.10 L		700.00
299-W18-25	3/28/94	B0BK14	6.50 U		4.30 L	
299-W18-30	3/28/94	B0BJV5		5.50 L		700.00
299-W18-30	3/28/94	B0BJV9	6.50 U		2.60 U	
299-W18-31	3/22/94	B0BJW0		8.50 L		800.00
299-W18-31	3/22/94	B0BJW4	6.50 U		9.10 L	
299-W19-31	3/28/94	B0BJW5		13.00 L		900.00
299-W19-31	3/28/94	B0BJW9	6.50 U		2.60 U	
299-W19-32	3/28/94	B0BJX0		21.00		800.00
299-W19-32	3/28/94	B0BJX4	6.50 U		3.70 L	

Well Name	Collection Date	Sample Number	ALPHA 135/pCi/L ./15	BETA 136/pCi/L ./.	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s
299-W18-25	3/28/94	B0BK10	6.89	3.94	410.00	
299-W18-25	3/28/94	B0BK14				100.00
299-W18-30	3/28/94	B0BJV5	.75 U	7.60	480.00	
299-W18-30	3/28/94	B0BJV9				70.00
299-W18-31	3/22/94	B0BJW0	2.85	6.75	250.00	
299-W18-31	3/22/94	B0BJW4				28.00
299-W19-31	3/28/94	B0BJW5	3.31	13.30	850.00	
299-W19-31	3/28/94	B0BJW9				70.00
299-W19-32	3/28/94	B0BJX0	5.26	131.00	2400.00	
299-W19-32	3/28/94	B0BJX4				78.00

Well Name	Collection Date	Sample Number	MAGNES 34/ppb 25/.	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s
299-W18-25	3/28/94	B0BK10	9900.00		10.00	
299-W18-25	3/28/94	B0BK14		9800.00		3.40 L
299-W18-30	3/28/94	B0BJV5	6100.00		13.00	
299-W18-30	3/28/94	B0BJV9		6400.00		3.00 L
299-W18-31	3/22/94	B0BJW0	9700.00		22.00 B	
299-W18-31	3/22/94	B0BJW4		9600.00		12.00 B
299-W19-31	3/28/94	B0BJW5	9800.00		19.00	
299-W19-31	3/28/94	B0BJW9		9800.00		3.20 L
299-W19-32	3/28/94	B0BJX0	12000.00		43.00	
299-W19-32	3/28/94	B0BJX4		12000.00		8.40 L

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Table 15-22. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area U Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 4)

Well Name	Collection Date	Sample Number	NICKEL 34/ppb 16/.	FNICKEL 34/ppb 16/.	NITRATE 124/ppb 96/45000	NITRITE 124/ppb 110/1000
299-W18-25	3/28/94	B0BK10	51.00		14000.00 D	110.00 U
299-W18-25	3/28/94	B0BK14		30.00 L		
299-W18-30	3/28/94	B0BJV5	39.00		4500.00	110.00 U
299-W18-30	3/28/94	B0BJV9		16.00 U		
299-W18-31	3/22/94	B0BJW0	39.00		12000.00 D	400.00
299-W18-31	3/22/94	B0BJW4		16.00 U		
299-W19-31	3/28/94	B0BJW5	84.00		3900.00	110.00 U
299-W19-31	3/28/94	B0BJW9		18.00 L		
299-W19-32	3/28/94	B0BJX0	200.00		6600.00	110.00 U
299-W19-32	3/28/94	B0BJX4		62.00		

Well Name	Collection Date	Sample Number	PU39-40 146/pCi/L ./.	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.	SILVER 34/ppb 3.4/50i
299-W18-25	3/28/94	B0BK10	.02 U	3800.00		3.40 U
299-W18-25	3/28/94	B0BK14			3700.00	
299-W18-30	3/28/94	B0BJV5	0.00 U	3400.00		4.90 L
299-W18-30	3/28/94	B0BJV9			3200.00	
299-W18-31	3/22/94	B0BJW0	0.00 U	4800.00		3.40 U
299-W18-31	3/22/94	B0BJW4			4600.00	
299-W19-31	3/28/94	B0BJW5	.05	3500.00		3.40 U
299-W19-31	3/28/94	B0BJW9			3800.00	
299-W19-32	3/28/94	B0BJX0	.00 U	5600.00		3.40 U
299-W19-32	3/28/94	B0BJX4			5400.00	

Well Name	Collection Date	Sample Number	FSILVER 34/ppb 3.4/50i	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.	SULFATE 124/ppb 89/250000s
299-W18-25	3/28/94	B0BK10		18000.00		32000.00 D
299-W18-25	3/28/94	B0BK14	3.40 U		18000.00	
299-W18-30	3/28/94	B0BJV5		17000.00		15000.00 D
299-W18-30	3/28/94	B0BJV9	3.40 U		18000.00	
299-W18-31	3/22/94	B0BJW0		15000.00		31000.00 D
299-W18-31	3/22/94	B0BJW4	3.40 U		15000.00	
299-W19-31	3/28/94	B0BJW5		18000.00		32000.00 D
299-W19-31	3/28/94	B0BJW9	3.40 U		18000.00	
299-W19-32	3/28/94	B0BJX0		20000.00		29000.00 D
299-W19-32	3/28/94	B0BJX4	3.40 U		21000.00	

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Table 15-22. Constituents with at Least One Detected Value for the Single-Shell Tank Waste Management Area U Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 4)

Well Name	Collection Date	Sample Number	TC-99 143/pCi/L ./900	TIN 34/ppb 24/.	FTIN 34/ppb 24/.	TDS 65/ppm 10/500s
299-W18-25	3/28/94	B0BK10	9.72	24.00 U		220.00 B
299-W18-25	3/28/94	B0BK14			24.00 U	
299-W18-30	3/28/94	B0BJV5	4.95	24.00 U		170.00 B
299-W18-30	3/28/94	B0BJV9			24.00 U	
299-W18-31	3/22/94	B0BJW0	2.69	34.00 BL		200.00
299-W18-31	3/22/94	B0BJW4			24.00 U	
299-W19-31	3/28/94	B0BJW5	34.30	24.00 U		250.00 B
299-W19-31	3/28/94	B0BJW9			24.00 U	
299-W19-32	3/28/94	B0BJX0	700.00	24.00 U		260.00 B
299-W19-32	3/28/94	B0BJX4			24.00 U	

Well Name	Collection Date	Sample Number	TRICENE 25/ppb .043/5	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.	URANIUM 145/ppb ./.
299-W18-25	3/28/94	B0BK10	.44 L	71.10 U	1.00	9.71
299-W18-30	3/28/94	B0BJV5		472.00	5.20	1.33
299-W18-31	3/22/94	B0BJW0		104.00 U	1.70	6.47
299-W19-31	3/28/94	B0BJW5		250.00	4.20	3.71
299-W19-32	3/28/94	B0BJX0		675.00	15.00	6.21

Well Name	Collection Date	Sample Number	VANADUM 34/ppb 6.4/.	FVANADI 34/ppb 6.4/.	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
299-W18-25	3/28/94	B0BK10	28.00 L		6.80 LBQ	
299-W18-25	3/28/94	B0BK14		26.00 L		8.10 LBQ
299-W18-30	3/28/94	B0BJV5	28.00 L		17.00 BQ	
299-W18-30	3/28/94	B0BJV9		23.00 L		6.70 LBQ
299-W18-31	3/22/94	B0BJW0	12.00 L		4.40 U	
299-W18-31	3/22/94	B0BJW4		8.30 L		4.40 U
299-W19-31	3/28/94	B0BJW5	27.00 L		15.00 BQ	
299-W19-31	3/28/94	B0BJW9		27.00 L		7.90 LBQ
299-W19-32	3/28/94	B0BJX0	12.00 L		15.00 BQ	
299-W19-32	3/28/94	B0BJX4		8.50 L		6.20 LBQ

For explanation of this table, see Section 1.4 of report.

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Table 15-23. Contamination Indicator Parameters for the Single-Shell Tank Waste Management Area U Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
299-W18-25	3/28/94	B0BK10	327	330	7.81	8.10	320 U	55.6
		B0BK11	324		7.81		320 U	57.4
		B0BK12	325		7.80		320 U	60.6
		B0BK13	325		7.81		320 U	55.5
299-W18-30	3/28/94	B0BJV5	231	230	8.02	8.20	320 U	94.3
		B0BJV6	231		8.01		320 U	98.5
		B0BJV7	232		8.03		320 U	92.4
		B0BJV8	231		8.01		400 L	98.5
299-W18-31	3/22/94	B0BJW0	318	310	7.71	8.00	400 LQ	122.0
		B0BJW1	318		7.71		500 LQ	122.0
		B0BJW2	318		7.71		400 LQ	124.0
		B0BJW3	318		7.71		400 LQ	111.0
299-W19-31	3/28/94	B0BJW5	330	330	7.93	8.20	320 U	63.5
		B0BJW6	330		7.91		320 U	83.8
		B0BJW7	329		7.93		320 U	84.0
		B0BJW8	330		7.92		320 L	81.2
299-W19-32	3/28/94	B0BJX0	396	410	8.08	8.20	500 L	32.8
		B0BJX1	399		8.09		400 L	33.9
		B0BJX2	406		8.09		400 L	28.6
		B0BJX3	407		8.08		400 L	28.4

For explanation of this table, see Section 1.4 of report.

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16.0 300 AREA PROCESS TRENCHES

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16.1 INTRODUCTION

The groundwater near the 300 Area Process Trenches (316-5) has been monitored by a RCRA well network since June 1985. The groundwater monitoring is being conducted under interim-status regulations (40 CFR 265) and is an assessment level program (Schalla 1988). The process trenches are located in the northern portion of the 300 Area and are used for the disposal of wastewater from various 300 Area operations. The wastewater primarily consists of cooling water, with small quantities of nonhazardous maintenance and process waste.

Monitoring wells were constructed in response to a *Consent Agreement and Compliance Order* (Ecology and EPA 1986). Groundwater wells currently used to monitor the facility are shown in Figure 16-1 and are listed in Table 16-1; they consist of both pre-RCRA and RCRA standard wells.

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16.2 WATER LEVEL MEASUREMENTS

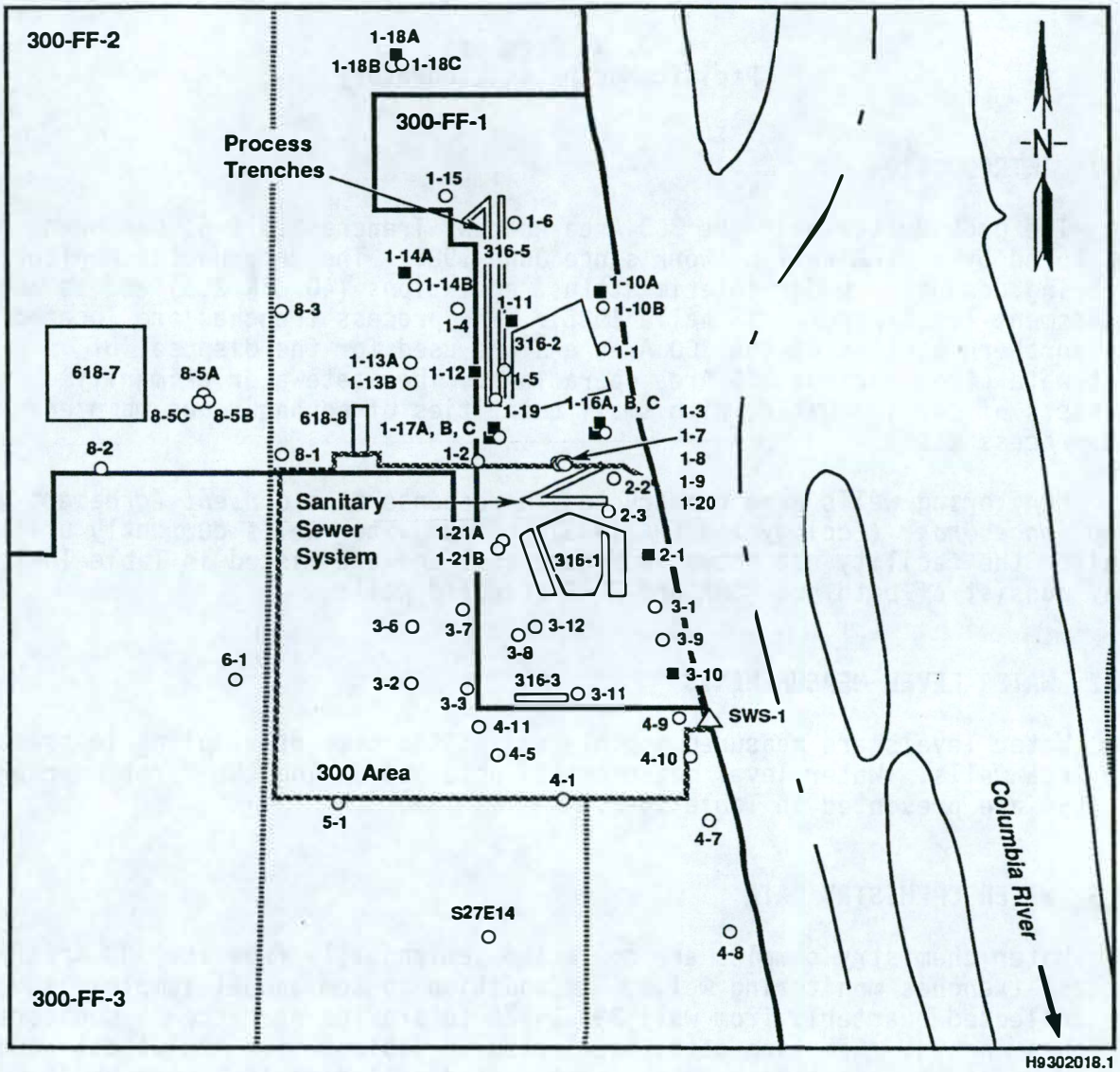
Water levels are measured monthly and at the time of sampling in selected 300 Area wells. Water level measurements obtained during the first quarter of 1994 are presented in Table 16-2.

16.3 WATER CHEMISTRY DATA

Water chemistry samples are collected semiannually from the 300 Area process trenches monitoring wells. In addition to semiannual samples, samples are collected quarterly from well 399-1-17A to provide near-trench monitoring of contaminants. Sampling dates are listed in Table 16-1. Analytical results received for the sampling events are presented in Tables 16-3 through 16-5. Re-reported data are listed in Appendix A by well number. An explanation of the data flags is given in Section 1.4. The D flags shown in Table 16-3 indicate that the sample was diluted for analysis. A discussion of the data quality can be found in Section 1.2.

None of the results received for this quarter had constituents that were above the DWS.

Figure 16-1. Well Location Map for the 300 Area Process Trenches.



○ 1-12	Well Location and Number (Wells Prefixed by 399-, Except Those Beginning with S are Prefixed with 699-)
■ 4-7	Monitoring Network Well
△ SWS-1	Surface-Water Monitoring Station
▪▪▪▪▪▪▪▪	Roads

Table 16-1. Monitoring Well Purpose and Sampling Schedule for the 300 Area Process Trenches Network.

Well no. (399-)	Relative position	Hydrogeologic unit	Sample frequency	Sample date, 1st Qtr 1994
1-10A	Downgradient	Hanford/Ringold: Water Table	Semiannually	--
1-11	Adjacent	Hanford/Ringold: Water Table	Semiannually	--
1-12	Downgradient	Hanford/Ringold: Water Table	Semiannually	--
1-14A	Adjacent	Hanford: Water Table	Semiannually	--
1-16A	Downgradient	Ringold: Water Table	Semiannually	--
1-16B	Downgradient	Ringold: Bottom of Unconfined Aquifer	Semiannually	--
1-17A	Downgradient	Ringold: Water Table	Quarterly	3/24/94
1-17B	Downgradient	Ringold: Bottom of Unconfined Aquifer	Semiannually	--
1-18A	Upgradient	Ringold: Water Table	Semiannually	--
2-1	Downgradient	Hanford/Ringold: Water Table	Semiannually	--
3-10	Downgradient	Hanford: Water Table	Semiannually	--

Note: Hydrogeologic units include the sandy gravels of the Hanford formation and silty sands of the Ringold Formation. Water levels are measured in all wells monthly.

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Table 16-2. RCRA Water Level Measurement Report for the 300 Area Process Trenches, First Quarter 1994. (sheet 1 of 5)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
399-1-1	1/24/94	35.38	341.28
	2/23/94	34.69	341.97
	3/14/94	35.72	340.94
399-1-10A	1/24/94	32.31	341.26
	2/23/94	31.57	342.00
	3/14/94	32.64	340.93
399-1-11	1/24/94	35.99	341.73
	2/23/94	35.60	342.12
	3/14/94	36.26	341.46
399-1-12	1/24/94	42.93	341.48
	2/23/94	42.65	341.76
	3/14/94	43.23	341.18
399-1-14A	1/24/94	41.22	341.96
	2/23/94	40.91	342.27
	3/14/94	41.42	341.76
399-1-15	1/24/94	37.51	342.02
	2/23/94	37.14	342.39
	3/14/94	37.74	341.79
399-1-16A	1/24/94	40.35	341.12
	2/23/94	39.92	341.55
	3/14/94	40.64	340.83
399-1-17A	1/24/94	36.09	341.35
	2/23/94	35.81	341.63
	3/14/94	36.44	341.00
399-1-18A	1/24/94	48.32	342.46
	2/23/94	47.84	342.94
	3/14/94	48.49	342.29
399-1-19	1/24/94	33.18	341.46
	2/23/94	32.86	341.78
	3/14/94	33.44	341.20

9413280.2003

Table 16-2. RCRA Water Level Measurement Report for the 300 Area Process Trenches, First Quarter 1994. (sheet 2 of 5)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
399-1-3	1/24/94	43.69	341.02
	2/23/94	43.12	341.59
	3/14/94	43.73	340.98
399-1-4	1/24/94	38.71	341.87
	2/23/94	38.38	342.20
	3/14/94	38.96	341.62
399-1-5	1/24/94	38.34	341.43
	2/23/94	38.01	341.76
	3/14/94	38.64	341.13
399-1-7	1/24/94	44.41	341.19
	2/23/94	44.04	341.56
	3/14/94	44.70	340.90
399-1-8	1/24/94	43.67	341.21
	2/23/94	43.28	341.60
	3/14/94	43.97	340.91
399-2-1	1/24/94	34.28	340.95
	2/23/94	33.81	341.42
	3/14/94	34.69	340.54
399-2-2	1/24/94	36.46	341.06
	2/23/94	36.02	341.50
	3/14/94	36.81	340.71
399-2-3	1/24/94	34.38	341.04
	2/23/94	33.94	341.48
	3/14/94	34.73	340.69
399-3-1	1/24/94	43.15	341.24
	2/23/94	43.03	341.36
	3/14/94	43.91	340.48
399-3-10	1/24/94	44.40	340.95
	2/23/94	44.02	341.33
	3/14/94	44.73	340.62

9413280.2004

Table 16-2. RCRA Water Level Measurement Report for the 300 Area Process Trenches, First Quarter 1994. (sheet 3 of 5)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
399-3-6	1/24/94	51.47	341.33
	2/23/94	51.31	341.49
	3/14/94	51.82	340.98
399-3-9	1/24/94	47.08	341.00
	2/23/94	46.67	341.41
	3/14/94	47.43	340.65
399-4-1	1/24/94	54.71	340.89
	2/23/94	54.37	341.23
	3/14/94	55.06	340.54
399-4-10	1/24/94	37.64	340.90
	2/23/94	37.26	341.28
	3/14/94	37.96	340.58
399-4-11	1/24/94	63.39	341.06
	2/23/94	63.15	341.30
	3/14/94	63.77	340.68
399-4-7	1/24/94	37.71	340.85
	2/23/94	37.35	341.21
	3/14/94	38.03	340.53
399-4-9	1/24/94	41.19	340.97
	2/23/94	41.17	340.99
	3/14/94	41.54	340.62
399-5-1	1/24/94	53.97	341.56
	2/23/94	53.84	341.69
	3/14/94	54.29	341.24
399-6-1	1/24/94	46.95	341.84
	2/23/94	46.76	342.03
	3/14/94	47.13	341.66
399-8-1	1/24/94	54.38	341.75
	2/23/94	54.21	341.92
	3/14/94	54.61	341.52

9413280.2005

Table 16-2. RCRA Water Level Measurement Report for the 300 Area Process Trenches, First Quarter 1994. (sheet 4 of 5)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Top of the Unconfined Aquifer			
399-8-2	1/24/94	55.56	342.46
	2/23/94	55.14	342.88
	3/14/94	55.61	342.41
399-8-3	1/24/94	52.71	342.04
	2/23/94	52.50	342.25
	3/14/94	52.90	341.85
699-S27-E14	1/24/94	58.82	340.86
	2/23/94	58.50	341.18
	3/14/94	59.19	340.49
Wells Monitoring the Bottom of the Unconfined Aquifer			
399-1-16B	1/24/94	39.82	341.26
	2/23/94	39.39	341.69
	3/14/94	40.17	340.91
399-1-17B	1/24/94	36.38	341.42
	2/23/94	36.06	341.74
	3/14/94	36.68	341.12
399-1-18B	1/24/94	47.20	342.69
	2/23/94	46.66	343.23
	3/14/94	47.37	342.52
Wells Monitoring the Confined Aquifer			
399-1-17C	1/24/94	2.10	375.96
	2/23/94	1.73	376.33
	3/14/94	2.40	375.66
399-1-18C	1/24/94	44.71	343.30
	2/23/94	44.20	343.81
	3/14/94	44.83	343.18

9413280.2006

Table 16-2. RCRA Water Level Measurement Report for the 300 Area Process Trenches, First Quarter 1994. (sheet 5 of 5)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Wells Monitoring the Confined Aquifer			
399-1-16C	1/24/94	8.02	374.21
	2/23/94	7.79	374.44
	3/14/94	8.11	374.12

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. To convert from feet to meters multiply by 0.3048.

9413280.2007

Table 16-3. Constituent List and Summary of Results for the 300 Area Process Trenches Data for Reporting Period January 1 through March 31, 1994.

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	µmho	1			4	4	
CONDUCT	73	Conductivity, lab	µmho				8	8	
TOC		Total Organic Carbon	ppb	320			8	8	
TOX		Total Organic Halogen	ppb	5			8	8	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	4	4	0
PH	125	pH, lab	pH		6.5-8.5	EPAS	8	8	0

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.58	200	EPA	1	0	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.16			1	0	
1,1-DIC		1,1-Dichloroethane	ppb	.082			1	0	
1,2-DIC		1,2-Dichloroethane	ppb	.15	5	EPA	1	0	0
12-DCE		1,2-Dichloroethene	ppb	.21			1	0	
14-dben		1,4-Dichlorobenzene	ppb	.37	75	EPA	1	0	0
1BUTYN		1-Butanol	ppm	170			1	0	
MIBK		4-Methyl-2-pentanone	ppb	18			1	0	
ACETONE		Acetone	ppb	21			1	0	
BENZENE		Benzene	ppb	.11	5	EPA	1	0	0
TETRANE		Carbon tetrachloride	ppb	1.1	5	EPA	1	0	0
CHLFORM		Chloroform	ppb	.17			1	1	
METHONE		Methyl ethyl ketone	ppb	20			1	0	
METHYCH		Methylene chloride	ppb	.077			1	0	
PERCENE		Tetrachloroethene	ppb	.13	5	EPA	1	0	0
TAF		Tetrahydrofuran	ppb	2.8			1	0	
TOLUENE		Toluene	ppb	.12	1000	EPA	1	0	0
TRICENE		Trichloroethene	ppb	.11	5	EPA	1	0	0
VINYIDE		Vinyl chloride	ppb	.14	2	EPA	1	0	1
XYLENE		Xylenes (total)	ppb	.17	10000	EPA	1	0	0

For explanation of this table, see Section 1.4 of report.

9413280.2008

Table 16-4. Constituents with at Least One Detected Value for the 300 Area Process Trenches Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	CHLFORM 16/ppb .17/.
399-1-17A	3/24/92	B05YC4	7.40 XD

For explanation of this table, see Section 1.4 of report.

9413280.2009

Table 16-5. Contamination Indicator Parameters for the 300 Area Process Trenches Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD µmho 1/700w	COND LAB µmho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
399-1-17A	12/09/93	B09MX4	609	630	7.32	6.90	700 L	43.7
		B09MX5	609	610	7.31	6.90	600 L	67.3
		B09MX6	609	630	7.31	6.90	700 L	23.0
		B09MX7	612	630	7.30	6.80	600 L	39.9
		B09MX8		630		6.90	700 L	77.9
		B09MX9		630		6.80	700 L	65.9
		B09MY0		630		6.90	700 L	76.5
		B09MY1		630		6.90	600 L	81.0

For explanation of this table, see Section 1.4 of report.

9413230.2010

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9413280.2011

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9413280.2012

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9413280.2013

17.0 NONRADIOACTIVE DANGEROUS WASTE LANDFILL

F. N. Hodges
Westinghouse Hanford Company

17.1 INTRODUCTION

The Nonradioactive Dangerous Waste Landfill (NRDWL) is part of the Hanford Central Landfill located approximately 5.6 km (3.5 mi) southeast of the 200 East Area. The NRDWL, covered under the *Consent Agreement and Compliance Order* (Ecology and EPA 1986), is currently under an interim-status, detection-level groundwater monitoring program (WHC 1993b). The groundwater monitoring network consists of three upgradient and six downgradient wells (Table 17-1). Two upgradient and five downgradient wells are screened at the top of the water table. One upgradient and one downgradient well are screened at the top of a low-permeability unit approximately 21.3 m (70 ft) below the top of the water table. Figure 17-1 shows well locations. It should be noted that well 699-26-34A was previously named 699-26-34.

9413280.2014

17.2 WATER LEVEL DATA

Water levels were determined in monitoring wells at the NRDWL at the time of groundwater sampling in February 1994. In addition, nonroutine water level measurements were carried out on a monthly schedule for nine NRDWL monitoring wells, the six monitoring wells of the adjacent Solid Waste Landfill, and in several nearby non-RCRA wells. Results of the water level measurements are reported in Table 17-2.

17.3 WATER CHEMISTRY DATA

The monitoring network for the NRDWL is on a semiannual sampling schedule; the two new downgradient monitoring wells (699-25-34D and 699-26-34B) completed their quarterly sampling schedule in September 1993. All wells in the monitoring network were sampled in February 1994. The next scheduled sampling for the NRDWL network is in August 1994. This report contains hydrochemical and water level data for the first quarter of CY 1994 (Tables 17-3 through 17-5). In addition, it contains previously unreported or re-reported data for the March and September 1993 samplings (Appendix A).

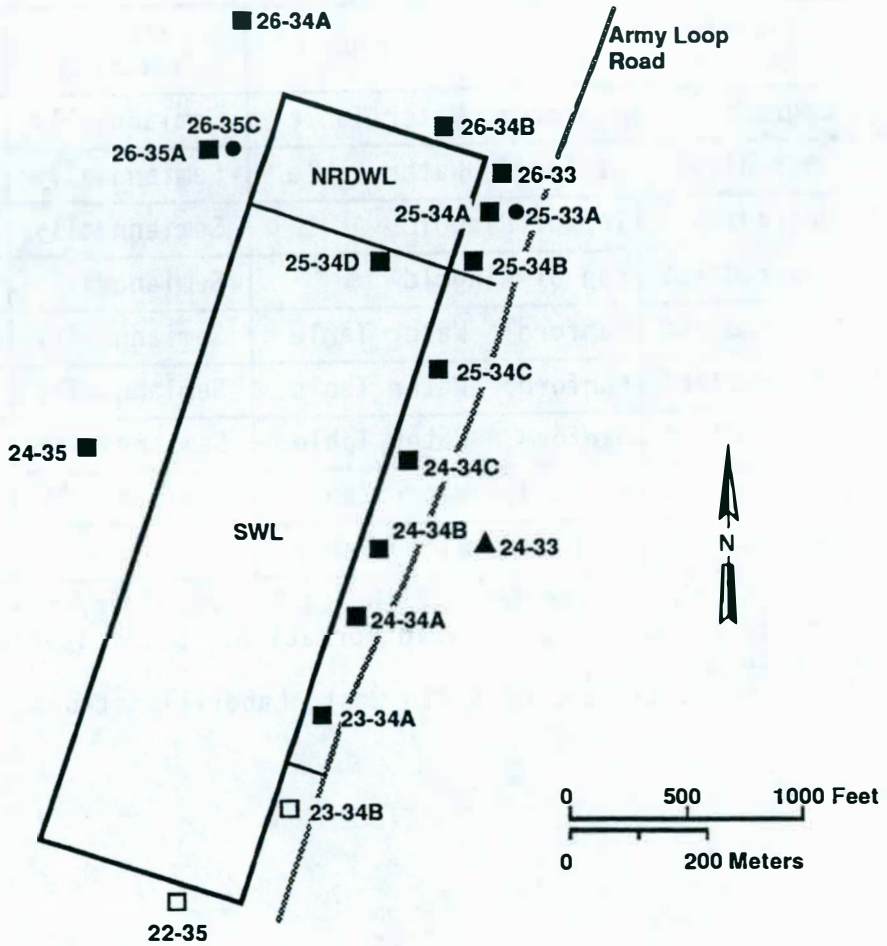
Values of specific conductance, field pH, TOX, and TOC reported in this quarter's report do not exceed their critical means for this site.

DWSs were exceeded for unfiltered iron, gross alpha, and tritium during this quarter. Unfiltered iron samples in deep upgradient well 699-26-35C and deep downgradient well 699-25-33A exceeded the secondary drinking water limit for iron (300 ppb). In both cases concentrations in the filtered samples were well below the DWS. Reported gross alpha activities in duplicate samples taken from upgradient well 699-26-34A were both above the DWS (15 pCi/L) and in gross disagreement. Both values are higher than expected for the site and the larger exceeds the smaller by approximately 40 times. An RADE has been

submitted to help resolve this issue. Tritium exceeded the DWS (20,000 pCi/L) in all NRDWL wells except deep downgradient well 699-25-33A. Tritium is present in groundwater at the NRDWL because of an upgradient source and is monitored at the NRDWL to aid in determining groundwater flow rates and flow directions. The D flags shown in Table 17-3 indicate that the samples were diluted before analysis.

9413280.2015

Figure 17-1. Well Location Map for the Nonradioactive Dangerous Waste Landfill and Solid Waste Landfill.



■ Well completed at the top of the unconfined aquifer

● Well completed in the upper Ringold Formation

▲ Well not constructed to RCRA specifications

□ New RCRA wells completed in 1993.

NRDWL Nonradioactive Dangerous Waste Landfill

SWL Solid Waste Landfill

All wells prefixed by 699-

H9402008.24

9413280.2016

Table 17-1. Monitoring Well Purpose and Sampling Schedule for the Nonradioactive Dangerous Waste Landfill Network.

Well no. (699-)	Relative position	Hydrogeologic unit	Sample frequency	Sample date, 1st Qtr 1994
26-34A	Upgradient	Hanford: Water Table	Semiannually	2/3/94
26-35A[a]	Upgradient	Hanford: Water Table	Semiannually	2/3/94
26-35C	Upgradient	Top of Ringold	Semiannually	2/3/94
25-33A	Downgradient	Top of Ringold	Semiannually	2/3/94
25-34A	Downgradient	Hanford: Water Table	Semiannually	2/3/94
25-34B	Downgradient	Hanford: Water Table	Semiannually	2/4/94
25-34D	Downgradient	Hanford: Water Table	Semiannually	2/4/94
26-33	Downgradient	Hanford: Water Table	Semiannually	2/3/94
26-34B	Downgradient	Hanford: Water Table	Semiannually	2/3/94

Note: Hydrogeologic units include the sandy gravels of the Hanford formation and silty sands of the Ringold Formation. Water levels are measured monthly in all wells.

[a]Well also sampled as part of Solid Waste Landfill network.

9413280.2017

Table 17-2. RCRA Water Level Measurement Report for the NRDWL, First Quarter 1994. (sheet 1 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
NRDWL Wells Monitoring the Top of the Unconfined Aquifer at the Water Table			
699-25-34A	1/10/94	129.20	401.11
	2/03/94	128.87	401.44*+
	2/17/94	129.18	401.13
	3/24/94	129.66	400.65
699-25-34B	1/10/94	128.97	400.43
	2/04/94	126.45	402.95*+
	2/17/94	129.05	400.35
	3/24/94	128.64	400.76
699-25-34D	1/10/94	136.74	401.17
	2/04/94	136.35	401.56*+
	2/17/94	136.73	401.18
	3/24/94	136.81	401.10
699-26-33	1/10/94	134.60	400.89
	2/03/94	134.64	400.85*
	2/17/94	134.59	400.90
	3/24/94	135.02	400.47
699-26-34B	1/10/94	129.10	401.17
	2/03/94	127.09	403.18*+
	2/17/94	129.14	401.13
	3/24/94	129.14	401.13
699-26-35A	1/10/94	131.81	400.85
	2/03/94	131.57	401.09*+
	2/17/94	131.85	400.81
	3/24/94	131.68	400.98
NRDWL Wells Monitoring the Upper Ringold			
699-25-33A	1/10/94	127.87	401.10
	2/03/94	127.75	401.22*+
	2/17/94	127.82	401.15
	3/24/94	127.96	401.01

9413280.2018

Table 17-2. RCRA Water Level Measurement Report for the NRDWL, First Quarter 1994. (sheet 2 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
NRDWL Wells Monitoring the Upper Ringold			
699-26-35C	1/10/94	131.51	401.17
	2/03/94	130.95	401.73*+
	2/17/94	131.49	401.19
	3/24/94	132.19	400.49
Other Wells Associated with NRDWL			
699-20-20	1/10/94	105.91	399.67
	2/17/94	105.89	399.69
	3/25/94	106.01	399.57
699-20-39	1/10/94	138.53	401.45
	2/17/94	138.27	401.71
	3/24/94	138.64	401.34
699-24-33	1/10/94	123.15	401.06
	2/14/94	123.15	401.06*
	2/17/94	123.15	401.06
	3/24/94	123.22	400.99
699-24-34A	1/10/94	132.76	401.13
	2/10/94	132.89	401.00*
	2/17/94	132.92	400.97
	3/24/94	132.81	401.08
699-24-34B	1/10/94	132.32	401.18
	2/10/94	132.59	400.91*+
	2/17/94	132.27	401.23
	3/24/94	132.39	401.11
699-24-34C	1/10/94	131.45	401.13
	2/14/94	131.34	401.24*+
	2/17/94	131.45	401.13
	3/24/94	131.50	401.08
699-24-35	1/10/94	137.66	401.15
	2/10/94	137.90	400.91*+
	2/17/94	137.66	401.15
	3/24/94	137.72	401.09

9413280.2019

Table 17-2. RCRA Water Level Measurement Report for the NRDWL, First Quarter 1994. (sheet 3 of 3)

Well	Date	Depth to water (ft)	Water level elevation above msl (ft)
Other Wells Associated with NRDWL			
699-25-34C	1/10/94	134.32	401.14
	2/17/94	134.33	401.13
	3/24/94	134.38	401.08
699-28-40	1/10/94	157.99	401.45
	2/17/94	157.93	401.51
	3/25/94	158.19	401.25
699-31-31	1/10/94	128.33	400.99
	2/17/94	128.29	401.03
	3/25/94	128.38	400.94
699-34-39A	1/10/94	135.60	401.47
	2/17/94	135.48	401.59
	3/25/94	135.70	401.37

Notes:
1. Water level elevations are calculated by subtracting the measured depth to water from the surveyed elevation for the well.
2. Depth-to-water values are transcribed from field records.
3. Elevations marked with an '*' were measured at the time of sampling.
4. Elevations marked with a '+' are outside of the expected range, and are suspected of error.
5. To convert from feet to meters multiply by 0.3048.

9413230.2020

Table 17-3. Constituent List and Summary of Results for the NRDWL Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 2)

CONTAMINATION INDICATOR PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CONDUCT	94	Conductivity, field	umhos	1			32	32	
CONDUCT	73	Conductivity, lab	umhos				36	36	
TOC		Total Organic Carbon	ppb	320			36	0	
TOX		Total Organic Halogen	ppb	5			30	9	
PH	93	pH, field	pH	.01	6.5-8.5	EPAS	32	32	0
PH	125	pH, lab	pH		6.5-8.5	EPAS	36	36	0

DRINKING WATER PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
BARIUM		Barium	ppb	1.3	1000	EPAI	10	10	0
FBARIUM		Barium, filtered	ppb	1.3	1000	EPAI	9	9	0
CADMIUM		Cadmium	ppb	3	10	EPAI	10	0	0
FCADMIU		Cadmium, filtered	ppb	3	10	EPAI	9	0	0
CHROMUM		Chromium	ppb	11	50	EPAI	10	8	0
FCHROMI		Chromium, filtered	ppb	11	50	EPAI	9	7	0
FLUORID		Fluoride	ppb	51	1400	EPAI	9	9	0
ALPHA		Gross alpha	pCi/L		15	EPA	9	9	2
NITRATE		Nitrate	ppb	96	45000	EPA	9	9	0

GROUNDWATER QUALITY PARAMETERS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
CHLORID		Chloride	ppb	71	250000	EPAS	9	9	0
IRON		Iron	ppb	18	300	EPAS	10	10	2
FIRON		Iron, filtered	ppb	18	300	EPAS	9	7	0
MANGESE		Manganese	ppb	1	50	EPAS	10	6	0
FMANGAN		Manganese, filtered	ppb	1	50	EPAS	9	2	0
LPHENOL		Phenol	ppb	.57			10	0	
SODIUM		Sodium	ppb	150			10	10	
FSODIUM		Sodium, filtered	ppb	150			9	9	
SULFATE		Sulfate	ppb	89	250000	EPAS	9	9	0

SITE SPECIFIC AND OTHER CONSTITUENTS

Constituent Name Short	(Method)	Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
1,1,1-T		1,1,1-Trichloroethane	ppb	.22	200	EPA	9	6	0
1,1,2-T		1,1,2-Trichloroethane	ppb	.062			9	0	
1,1-DIC		1,1-Dichloroethane	ppb	.08			9	0	
1,2-DIC		1,2-Dichloroethane	ppb	.055	5	EPA	9	0	0
14-dben		1,4-Dichlorobenzene	ppb	.107	75	EPA	9	1	0
246-trp		2,4,6-Trichlorophenol	ppb	1.6			10	0	
24-dchp		2,4-Dichlorophenol	ppb	1.5			10	0	
DIMPHEN		2,4-Dimethylphenol	ppb	1.5			10	0	
DINPHEN		2,4-Dinitrophenol	ppb	1.8			10	0	
26-dchp		2,6-Dichlorophenol	ppb	2.2			10	0	
CHLPHEN		2-Chlorophenol	ppb	1.5			10	0	
2NITPH		2-Nitrophenol	ppb	1.7			10	0	

Table 17-3. Constituent List and Summary of Results for the NRDWL Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 2)

Constituent Name Short	(Method) Full	Units	Lab CRQL	DWS Limit	Agency	Number of Samples Total	>CRQL	>DWS
BUTDINP	2-sec-Butyl-4,6-dinitrophenol(DN	ppb	1.7			10	0	
46DN2MP	4,6-Dinitro-2-methylphenol	ppb	1.6			10	0	
CHLCRES	4-Chloro-3-methylphenol	ppb	1.5			10	0	
NITPHEN	4-Nitrophenol	ppb	1.4			10	0	
ALKALIN	Alkalinity	ppm	1.96			9	9	
ALUMNUM	Aluminum	ppb	19			10	2	
FALUMIN	Aluminum, filtered	ppb	19			9	0	
ANTIONY	Antimony	ppb	26			10	0	
FANTIMO	Antimony, filtered	ppb	26			9	0	
BENZENE	Benzene	ppb	.24	5	EPA	9	5	0
BERYLUM	Beryllium	ppb	1.5			10	0	
FBERYLL	Beryllium, filtered	ppb	1.5			9	0	
BROMIDE	Bromide	ppb	110			9	0	
CALCIUM	Calcium	ppb	47			10	10	
FCALCIU	Calcium, filtered	ppb	47			9	9	
TETRANE	Carbon tetrachloride	ppb	.32	5	EPA	9	7	0
CHLFORM	Chloroform	ppb	.05			9	5	
COBALT	Cobalt	ppb	6.5			10	0	
FCOBALT	Cobalt, filtered	ppb	6.5			9	0	
COLIFORM	Coliforms	COL	1	1	EPAI	9	0	0
COPPER	Copper	ppb	2.6	1000	EPAS	10	3	0
FCOPPER	Copper, filtered	ppb	2.6	1000	EPAS	9	0	0
CRESOLS	Cresols (methylphenols)	ppb	4.8			10	0	
ETHBENZ	Ethylbenzene	ppb	.043	700	EPA	9	2	0
BETA	Gross beta	pCi/L				9	9	
MAGNES	Magnesium	ppb	25			10	10	
FMAGNES	Magnesium, filtered	ppb	25			9	9	
METHYCH	Methylene chloride	ppb	.082			9	2	
NICKEL	Nickel	ppb	16			10	0	
FNICKEL	Nickel, filtered	ppb	16			9	0	
NITRITE	Nitrite	ppb	110	1000	EPA	9	0	0
PENTCHP	Pentachlorophenol	ppb	1.7	1	EPA	10	0	0*
PHOSPHA	Phosphate	ppb	470			9	0	
POTASUM	Potassium	ppb	890			10	10	
FPOTASS	Potassium, filtered	ppb	890			9	9	
SILVER	Silver	ppb	3.4	50	EPAI	10	0	0
FSILVER	Silver, filtered	ppb	3.4	50	EPAI	9	1	0
PERCENE	Tetrachloroethene	ppb	.08	5	EPA	9	6	0
TETPHNL	Tetrachlorophenols	ppb	1.4			10	0	
TIN	Tin	ppb	24			10	0	
FTIN	Tin, filtered	ppb	24			9	0	
TOLUENE	Toluene	ppb	.077	1000	EPA	9	1	0
TC	Total Carbon	ppb	320			9	9	
TDS	Total Dissolved Solids	ppm	10	500	EPAS	9	9	0
TRICENE	Trichloroethene	ppb	.043	5	EPA	9	5	0
TRIPHNL	Trichlorophenols	ppb	2.1			10	0	
TRITIUM	Tritium	pCi/L		20000	EPA	9	9	8
TURBID	Turbidity	NTU	.016			9	9	
VANADUM	Vanadium	ppb	6.4			10	10	
FVANADI	Vanadium, filtered	ppb	6.4			9	9	
VINYIDE	Vinyl chloride	ppb	.15	2	EPA	9	0	0
XYLENE	Xylenes (total)	ppb	.2	10000	EPA	9	1	0
ZINC	Zinc	ppb	4.4	5000	EPAS	10	9	0
FZINC	Zinc, filtered	ppb	4.4	5000	EPAS	9	8	0
CIS12DE	cis-1,2-Dichloroethylene	ppb	.045	70	EPA	9	0	0
TRANDCE	trans-1,2-Dichloroethylene	ppb	.067	100	EPA	9	0	0

For explanation of this table, see Section 1.4 of report.

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Table 17-4. Constituents with at Least One Detected Value for the NRDWL Data for Reporting Period January 1 through March 31, 1994. (sheet 1 of 5)

Well Name	Collection Date	Sample Number	1,1,1-T 25/ppb .22/200	14-dben 25/ppb .107/75	ALKALIN 357/ppm 1.96/.	ALUMNUM 34/ppb 19/.
699-25-33A	2/03/94	B09ZT7	.07 U	.11 U	140.00 B	32.50 U
699-25-34A	2/03/94	B09ZV2	3.50	.11 U	190.00 B	130.00 L
699-25-34B	2/04/94	B09ZV7	.07 U	.28 L	200.00 B	32.50 U
699-25-34D	2/04/94	B09ZW2	2.40	.11 U	190.00 B	32.50 U
699-26-33	2/03/94	B09ZW7	2.10	.11 U	160.00 B	56.00 L
699-26-34A	2/03/94	B09ZX2	1.70	.11 U	140.00 B	32.50 U
699-26-34A	2/03/94	B09ZX3	1.50	.11 U	150.00 B	32.50 U
699-26-34B	2/03/94	B09ZY2	1.30	.11 U	150.00 B	32.50 U
699-26-35A	2/03/94	B09ZT1				32.50 U
699-26-35C	2/03/94	B09ZY7	.07 U	.11 U	130.00 B	32.50 U

Well Name	Collection Date	Sample Number	FALUMIN 34/ppb 19/.	BARIUM 34/ppb 1.3/1000i	FBARIUM 34/ppb 1.3/1000i	BENZENE 25/ppb .24/5
699-25-33A	2/03/94	B09ZT7		30.00 B		.11 L
699-25-33A	2/03/94	B09ZV1	32.50 U		29.00 B	
699-25-34A	2/03/94	B09ZV2		50.00 B		.81 L
699-25-34A	2/03/94	B09ZV6	32.50 U		50.00 B	
699-25-34B	2/04/94	B09ZV7		51.00		.13 L
699-25-34B	2/04/94	B09ZW1	32.50 U		48.00	
699-25-34D	2/04/94	B09ZW2		50.00		.66 L
699-25-34D	2/04/94	B09ZW6	32.50 U		51.00	
699-26-33	2/03/94	B09ZW7		43.00 B		.47 L
699-26-33	2/03/94	B09ZX1	32.50 U		43.00 B	
699-26-34A	2/03/94	B09ZX2		33.00 B		.29 L
699-26-34A	2/03/94	B09ZX3		33.00 B		.29 L
699-26-34A	2/03/94	B09ZY0	32.50 U		33.00 B	
699-26-34A	2/03/94	B09ZY1	32.50 U		33.00 B	
699-26-34B	2/03/94	B09ZY2		43.00 B		.11 U
699-26-34B	2/03/94	B09ZY6	32.50 U		43.00 B	
699-26-35A	2/03/94	B09ZT1		37.00 B		
699-26-35C	2/03/94	B09ZY7		45.00 B		.11 U
699-26-35C	2/03/94	B09ZZ1	32.50 U		45.00 B	

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	TETRANE 25/ppb .32/5	CHLORID 124/ppb 71/250000s
699-25-33A	2/03/94	B09ZT7	34000.00 B		.12 U	5600.00
699-25-33A	2/03/94	B09ZV1		34000.00 B		
699-25-34A	2/03/94	B09ZV2	54000.00		1.60	6500.00
699-25-34A	2/03/94	B09ZV6		56000.00		
699-25-34B	2/04/94	B09ZV7	57000.00 BQ		.58 L	6500.00
699-25-34B	2/04/94	B09ZW1		57000.00 BQ		
699-25-34D	2/04/94	B09ZW2	53000.00 BQ		.68 L	6600.00
699-25-34D	2/04/94	B09ZW6		55000.00 BQ		
699-26-33	2/03/94	B09ZW7	46000.00		1.90	6500.00
699-26-33	2/03/94	B09ZX1		46000.00		
699-26-34A	2/03/94	B09ZX2	42000.00		.84 L	6500.00
699-26-34A	2/03/94	B09ZX3	42000.00		.97 L	6500.00
699-26-34A	2/03/94	B09ZY0		43000.00		
699-26-34A	2/03/94	B09ZY1		43000.00		

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Table 17-4. Constituents with at Least One Detected Value for the NRDWL Data for Reporting Period January 1 through March 31, 1994. (sheet 2 of 5)

Well Name	Collection Date	Sample Number	CALCIUM 34/ppb 47/.	FCALCIU 34/ppb 47/.	TETRANE 25/ppb .32/5	CHLORID 124/ppb 71/250000s
699-26-34B	2/03/94	B09ZY2	43000.00		.60 L	6900.00
699-26-34B	2/03/94	B09ZY6		44000.00		
699-26-35A	2/03/94	B09ZT1	46000.00			
699-26-35C	2/03/94	B09ZY7	43000.00		.12 U	8300.00
699-26-35C	2/03/94	B09ZZ1		44000.00		

Well Name	Collection Date	Sample Number	CHLFORM 25/ppb .05/.	CHROMUM 34/ppb 11/50i	FCHROMI 34/ppb 11/50i	COPPER 34/ppb 2.6/1000s
699-25-33A	2/03/94	B09ZT7	.04 U	8.10 L		7.60 L
699-25-33A	2/03/94	B09ZV1			8.50 L	
699-25-34A	2/03/94	B09ZV2	.24 L	15.00 L		2.65 U
699-25-34A	2/03/94	B09ZV6			12.00 L	
699-25-34B	2/04/94	B09ZV7	1.10	18.00 L		2.65 U
699-25-34B	2/04/94	B09ZW1			11.00 L	
699-25-34D	2/04/94	B09ZW2	.12 L	15.00 L		4.30 L
699-25-34D	2/04/94	B09ZW6			12.00 L	
699-26-33	2/03/94	B09ZW7	.07 L	12.00 L		2.65 U
699-26-33	2/03/94	B09ZX1			13.00 L	
699-26-34A	2/03/94	B09ZX2	.04 U	15.00 L		2.65 U
699-26-34A	2/03/94	B09ZX3	.04 U	13.00 L		2.65 U
699-26-34A	2/03/94	B09ZY0			18.00 L	
699-26-34A	2/03/94	B09ZY1			14.00 L	
699-26-34B	2/03/94	B09ZY2	.04 U	24.00		5.40 L
699-26-34B	2/03/94	B09ZY6			12.00 L	
699-26-35A	2/03/94	B09ZT1		15.00 L		2.65 U
699-26-35C	2/03/94	B09ZY7	.07 L	5.42 U		2.65 U
699-26-35C	2/03/94	B09ZZ1			10.00 L	

Well Name	Collection Date	Sample Number	FCOPPER 34/ppb 2.6/1000s	ETHBENZ 25/ppb .043/700	FLUORID 124/ppb 51/1400i	ALPHA 135/pCi/L ./15
699-25-33A	2/03/94	B09ZT7		.17 BL	600.00	2.37
699-25-33A	2/03/94	B09ZV1	2.65 U			
699-25-34A	2/03/94	B09ZV2		.05 U	700.00	4.94
699-25-34A	2/03/94	B09ZV6	2.65 U			
699-25-34B	2/04/94	B09ZV7		.35 BL	800.00	2.39
699-25-34B	2/04/94	B09ZW1	2.65 U			
699-25-34D	2/04/94	B09ZW2		.05 U	700.00	4.00
699-25-34D	2/04/94	B09ZW6	2.65 U			
699-26-33	2/03/94	B09ZW7		.05 U	700.00	4.93
699-26-33	2/03/94	B09ZX1	2.65 U			
699-26-34A	2/03/94	B09ZX2		.05 U	700.00	642.00 QF
699-26-34A	2/03/94	B09ZX3		.05 U	700.00	16.70 QF
699-26-34A	2/03/94	B09ZY0	2.65 U			
699-26-34A	2/03/94	B09ZY1	2.65 U			
699-26-34B	2/03/94	B09ZY2		.05 U	700.00	4.03
699-26-34B	2/03/94	B09ZY6	2.65 U			
699-26-35C	2/03/94	B09ZY7		.05 U	600.00	2.06
699-26-35C	2/03/94	B09ZZ1	2.65 U			

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Table 17-4. Constituents with at Least One Detected Value for the NRDWL Data for Reporting Period January 1 through March 31, 1994. (sheet 3 of 5)

Well Name	Collection Date	Sample Number	BETA 136/pCi/L ./.	IRON 34/ppb 18/300s	FIRON 34/ppb 18/300s	MAGNES 34/ppb 25/.
699-25-33A	2/03/94	B09ZT7	5.91	1700.00 Q		9200.00
699-25-33A	2/03/94	B09ZV1			90.00 Q	
699-25-34A	2/03/94	B09ZV2	12.50	170.00 Q		15000.00
699-25-34A	2/03/94	B09ZV6			16.00 LQ	
699-25-34B	2/04/94	B09ZV7	15.10	84.00 B		15000.00 Q
699-25-34B	2/04/94	B09ZW1			10.30 U	
699-25-34D	2/04/94	B09ZW2	14.00	63.00 B		14000.00 Q
699-25-34D	2/04/94	B09ZW6			33.00 B	
699-26-33	2/03/94	B09ZW7	16.30	67.00 Q		13000.00
699-26-33	2/03/94	B09ZX1			24.00 Q	
699-26-34A	2/03/94	B09ZX2	13.60	83.00 Q		12000.00
699-26-34A	2/03/94	B09ZX3	11.90	130.00 Q		12000.00
699-26-34A	2/03/94	B09ZY0			46.00 Q	
699-26-34A	2/03/94	B09ZY1			27.00 Q	
699-26-34B	2/03/94	B09ZY2	16.10	93.00 Q		12000.00
699-26-34B	2/03/94	B09ZY6			58.00 Q	
699-26-35A	2/03/94	B09ZT1		53.00 Q		13000.00
699-26-35C	2/03/94	B09ZY7	22.00	320.00 Q		12000.00
699-26-35C	2/03/94	B09ZZ1			36.00 Q	

Well Name	Collection Date	Sample Number	FMAGNES 34/ppb 25/.	MANGESE 34/ppb 1/50s	FMANGAN 34/ppb 1/50s	METHYCH 25/ppb .082/.
699-25-33A	2/03/94	B09ZT7		2.80 L		.06 U
699-25-33A	2/03/94	B09ZV1	9200.00		1.35 U	
699-25-34A	2/03/94	B09ZV2		2.20 L		.10 L
699-25-34A	2/03/94	B09ZV6	15000.00		1.35 U	
699-25-34B	2/04/94	B09ZV7		1.35 U		.06 U
699-25-34B	2/04/94	B09ZW1	15000.00 Q		1.35 U	
699-25-34D	2/04/94	B09ZW2		4.20 L		.06 U
699-25-34D	2/04/94	B09ZW6	15000.00 Q		4.60 L	
699-26-33	2/03/94	B09ZW7		1.35 U		.18 L
699-26-33	2/03/94	B09ZX1	13000.00		1.35 U	
699-26-34A	2/03/94	B09ZX2		2.00 LQ		.06 U
699-26-34A	2/03/94	B09ZX3		1.35 UQ		.06 U
699-26-34A	2/03/94	B09ZY0	12000.00		1.35 U	
699-26-34A	2/03/94	B09ZY1	12000.00		1.35 U	
699-26-34B	2/03/94	B09ZY2		3.10 L		.06 U
699-26-34B	2/03/94	B09ZY6	12000.00		1.35 U	
699-26-35A	2/03/94	B09ZT1		1.35 U		
699-26-35C	2/03/94	B09ZY7		3.40 L		.06 U
699-26-35C	2/03/94	B09ZZ1	12000.00		3.00 L	

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Table 17-4. Constituents with at Least One Detected Value for the NRDWL Data for Reporting Period January 1 through March 31, 1994. (sheet 4 of 5)

Well Name	Collection Date	Sample Number	NITRATE 124/ppb 96/45000	POTASUM 34/ppb 890/.	FPOTASS 34/ppb 890/.	SILVER 34/ppb 3.4/50i
699-25-33A	2/03/94	B09ZT7	3500.00	5400.00 B		2.87 U
699-25-33A	2/03/94	B09ZV1			5500.00 B	
699-25-34A	2/03/94	B09ZV2	25000.00 D	7100.00 B		2.87 U
699-25-34A	2/03/94	B09ZV6			7300.00 B	
699-25-34B	2/04/94	B09ZV7	24000.00 D	6900.00		2.87 U
699-25-34B	2/04/94	B09ZW1			6600.00	
699-25-34D	2/04/94	B09ZW2	24000.00 D	6300.00		2.87 U
699-25-34D	2/04/94	B09ZW6			6800.00	
699-26-33	2/03/94	B09ZW7	24000.00 D	6900.00 B		2.87 U
699-26-33	2/03/94	B09ZX1			6900.00 B	
699-26-34A	2/03/94	B09ZX2	24000.00 D	6600.00 B		2.87 U
699-26-34A	2/03/94	B09ZX3	25000.00 D	6300.00 B		2.87 U
699-26-34A	2/03/94	B09ZY0			6500.00 B	
699-26-34A	2/03/94	B09ZY1			6500.00 B	
699-26-34B	2/03/94	B09ZY2	22000.00 D	6500.00 B		2.87 U
699-26-34B	2/03/94	B09ZY6			6500.00 B	
699-26-35A	2/03/94	B09ZT1		6700.00 B		2.87 U
699-26-35C	2/03/94	B09ZY7	19000.00 D	5900.00 B		2.87 U
699-26-35C	2/03/94	B09ZZ1			5900.00 B	

Well Name	Collection Date	Sample Number	FSILVER 34/ppb 3.4/50i	SODIUM 34/ppb 150/.	FSODIUM 34/ppb 150/.	SULFATE 124/ppb 89/250000s
699-25-33A	2/03/94	B09ZT7		18000.00 BQ		20000.00 D
699-25-33A	2/03/94	B09ZV1	2.87 U		18000.00 BQ	
699-25-34A	2/03/94	B09ZV2		24000.00 BQ		36000.00 D
699-25-34A	2/03/94	B09ZV6	2.87 U		24000.00 BQ	
699-25-34B	2/04/94	B09ZV7		23000.00 BQ		36000.00 D
699-25-34B	2/04/94	B09ZW1	2.87 U		23000.00 BQ	
699-25-34D	2/04/94	B09ZW2		23000.00 BQ		37000.00 D
699-25-34D	2/04/94	B09ZW6	2.87 U		24000.00 BQ	
699-26-33	2/03/94	B09ZW7		24000.00 BQ		36000.00 D
699-26-33	2/03/94	B09ZX1	3.80 L		24000.00 BQ	
699-26-34A	2/03/94	B09ZX2		22000.00 BQ		36000.00 D
699-26-34A	2/03/94	B09ZX3		23000.00 BQ		37000.00 D
699-26-34A	2/03/94	B09ZY0	2.87 U		23000.00 BQ	
699-26-34A	2/03/94	B09ZY1	2.87 U		23000.00 BQ	
699-26-34B	2/03/94	B09ZY2		21000.00 BQ		40000.00 D
699-26-34B	2/03/94	B09ZY6	2.87 U		22000.00 BQ	
699-26-35A	2/03/94	B09ZT1		23000.00 BQ		
699-26-35C	2/03/94	B09ZY7		19000.00 BQ		47000.00 D
699-26-35C	2/03/94	B09ZZ1	2.87 U		19000.00 BQ	

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Table 17-4. Constituents with at Least One Detected Value for the NRDWL Data for Reporting Period January 1 through March 31, 1994. (sheet 5 of 5)

Well Name	Collection Date	Sample Number	PERCENE 25/ppb .08/5	TOLUENE 25/ppb .077/1000	TC 127/ppb 320/.	TDS 65/ppm 10/500s
699-25-33A	2/03/94	B09ZT7	.05 U	.06 U	33000.00 BQ	210.00
699-25-34A	2/03/94	B09ZV2	1.00	.06 U	44000.00 BQ	320.00 B
699-25-34B	2/04/94	B09ZV7	.05 U	.28 L	45000.00 BQ	330.00
699-25-34D	2/04/94	B09ZW2	.85	.06 U	44000.00 BQ	310.00
699-26-33	2/03/94	B09ZW7	.68	.06 U	40000.00 BQ	290.00 B
699-26-34A	2/03/94	B09ZX2	.33 L	.06 U	37000.00 BQ	250.00 B
699-26-34A	2/03/94	B09ZX3	.36 L	.06 U	37000.00 BQ	270.00 B
699-26-34B	2/03/94	B09ZY2	.28 L	.07 BL	37000.00 BQ	290.00 B
699-26-35C	2/03/94	B09ZY7	.05 U	.06 BL	32000.00 BQ	250.00 B

Well Name	Collection Date	Sample Number	TRICENE 25/ppb .043/5	TRITIUM 142/pCi/L ./20000	TURBID 126/NTU .016/.	VANADUM 34/ppb 6.4/.
699-25-33A	2/03/94	B09ZT7	.07 U	283.00	13.00 Q	10.00 L
699-25-34A	2/03/94	B09ZV2	.47 L	219000.00	.23 Q	19.00 L
699-25-34B	2/04/94	B09ZV7	.07 U	220000.00	.29 Q	20.00 L
699-25-34D	2/04/94	B09ZW2	.41 L	209000.00	1.90 Q	17.00 L
699-26-33	2/03/94	B09ZW7	.17 L	222000.00	.19 Q	19.00 L
699-26-34A	2/03/94	B09ZX2	.09 LQ	211000.00	.19 Q	22.00 L
699-26-34A	2/03/94	B09ZX3	.21 LQ	214000.00	.20 Q	23.00 L
699-26-34B	2/03/94	B09ZY2	.07 U	163000.00	1.20 Q	19.00 L
699-26-35A	2/03/94	B09ZT1				21.00 L
699-26-35C	2/03/94	B09ZY7	.07 U	43800.00	1.50 Q	12.00 L

Well Name	Collection Date	Sample Number	FVANADI 34/ppb 6.4/.	XYLENE 25/ppb .2/10000	ZINC 34/ppb 4.4/5000s	FZINC 34/ppb 4.4/5000s
699-25-33A	2/03/94	B09ZT7		.20 U	6.80 LB	
699-25-33A	2/03/94	B09ZV1	8.00 L			7.50 LB
699-25-34A	2/03/94	B09ZV2		.20 U	19.00 B	
699-25-34A	2/03/94	B09ZV6	19.00 L			16.00 B
699-25-34B	2/04/94	B09ZV7		1.30 L	3.50 BLQ	
699-25-34B	2/04/94	B09ZW1	19.00 L			3.10 BLQ
699-25-34D	2/04/94	B09ZW2		.20 U	7.00 BLQ	
699-25-34D	2/04/94	B09ZW6	17.00 L			4.50 BLQ
699-26-33	2/03/94	B09ZW7		.20 U	14.00 B	
699-26-33	2/03/94	B09ZX1	20.00 L			11.00 B
699-26-34A	2/03/94	B09ZX2		.20 U	8.20 BLQ	
699-26-34A	2/03/94	B09ZX3		.20 U	5.30 BLQ	
699-26-34A	2/03/94	B09ZY0	22.00 L			38.00 BQ
699-26-34A	2/03/94	B09ZY1	24.00 L			15.00 BQ
699-26-34B	2/03/94	B09ZY2		.20 U	12.00 B	
699-26-34B	2/03/94	B09ZY6	19.00 L			6.30 BL
699-26-35A	2/03/94	B09ZT1			11.00 B	
699-26-35C	2/03/94	B09ZY7		.20 U	15.00 B	
699-26-35C	2/03/94	B09ZZ1	11.00 L			8.60 BL

For explanation of this table, see Section 1.4 of report.

Table 17-5. Contamination Indicator Parameters for the NRDWL Data for Reporting Period January 1 through March 31, 1994.

Well Name	Collection Date	Sample Number	COND FIELD uMho 1/700w	COND LAB uMho 1/700w	pH FIELD .01/6.5-8.5s	pH LAB .01/6.5-8.5s	TOC ppb 320/.	TOX ppb 5/.
699-25-33A	2/03/94	B09ZT7	388	320	7.61	8.30	200 U	5.0 U
		B09ZT8	388	330	7.62	8.40	200 U	
		B09ZT9	385	330	7.61	8.40	200 U	
		B09ZV0	386	330	7.58	8.40	200 U	
699-25-34A	2/03/94	B09ZV2	481	500	7.48	8.10	300 L	5.6
		B09ZV3	482	500	7.48	8.30	200 L	5.0 U
		B09ZV4	480	500	7.48	8.10	300 L	5.8
		B09ZV5	481	500	7.47	8.30	200 L	5.7
699-25-34B	2/04/94	B09ZV7	502	510	7.33	8.10	200 L	5.5
		B09ZV8	499	510	7.33	8.10	200 L	5.0 U
		B09ZV9	500	510	7.33	8.10	200 L	6.6
		B09ZW0	500	510	7.33	8.10	300 L	5.0 U
699-25-34D	2/04/94	B09ZW2	476	490	7.54	8.20	300 L	
		B09ZW3	478	490	7.53	8.20	200 L	10.5
		B09ZW4	479	490	7.57	8.20	200 L	12.6
		B09ZW5	482	490	7.56	8.20	200 L	
699-26-33	2/03/94	B09ZW7	436	450	7.67	8.30	200 L	5.0 U
		B09ZW8	431	450	7.66	8.30	200 L	5.0 U
		B09ZW9	434	450	7.66	8.30	200 L	5.0 U
		B09ZX0	434	450	7.66	8.20	200 L	5.0 U
699-26-34A	2/03/94	B09ZX2	407	420	7.66	8.20	300 L	5.0 U
		B09ZX3	407	420	7.65	8.10	300 L	5.0 U
		B09ZX4	403	420	7.62	8.30	300 L	5.0 U
		B09ZX5	407	420	7.60	8.20	300 L	5.0 U
		B09ZX6		420		8.20	200 L	5.0 U
		B09ZX7		420		8.20	200 L	5.4
		B09ZX8		420		8.20	300 L	5.0 U
		B09ZX9		420		8.20	200 L	5.0 U
699-26-34B	2/03/94	B09ZY2	436	430	7.63	8.40	200 L	7.4
		B09ZY3	436	430	7.66	8.30	200 U	5.0 U
		B09ZY4	438	430	7.68	8.30	200 L	5.0 U
		B09ZY5	438	430	7.69	8.40	200 U	
699-26-35C	2/03/94	B09ZY7	412	410	7.01	8.40	200 U	5.0 U
		B09ZY8	412	410	7.04	8.30	200 U	5.0 U
		B09ZY9	411	410	7.09	8.20	200 L	5.0 U
		B09ZZ0	414	410	7.11	8.30	200 U	5.0 U

For explanation of this table, see Section 1.4 of report.

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APPENDIX A

RE-REPORTED DATA FROM DATACHEM LABORATORY

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RE-REPORTED DATA FROM DATACHEM LABORATORY

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
183H	199-H3-2A	Bromide	124	4/01/93	B08CN0	52.80 UH
		Chloride	124	4/01/93	B08CN0	6300.00 H
		Fluoride	124	4/01/93	B08CN0	200.00 H
		Nitrate	124	4/01/93	B08CN0	12000.00 H
		Nitrite	124	4/01/93	B08CN0	38.30 UH
		Phosphate	124	4/01/93	B08CN0	147.00 UH
		Sulfate	124	4/01/93	B08CN0	33000.00 H
	199-H3-2C	Bromide	124	4/01/93	B08CN1	52.80 UH
		Chloride	124	4/01/93	B08CN1	2100.00 H
		Fluoride	124	4/01/93	B08CN1	400.00 H
		Nitrate	124	4/01/93	B08CN1	2900.00 H
		Nitrite	124	4/01/93	B08CN1	38.30 UH
		Phosphate	124	4/01/93	B08CN1	147.00 UH
		Sulfate	124	4/01/93	B08CN1	14000.00 H
	199-H4-11	Aluminum, filtered	34	10/05/93	B099S1	32.50 U
		Antimony, filtered	34	10/05/93	B099S1	69.40 U
		Barium, filtered	34	10/05/93	B099S1	37.00 B
		Beryllium, filtered	34	10/05/93	B099S1	.81 U
		Bromide	124	4/01/93	B08CN2	52.80 UH
					B08CN3	52.80 UH
				10/05/93	B099S1	52.80 U
		Cadmium, filtered	34	10/05/93	B099S1	4.70 U
		Calcium, filtered	34	10/05/93	B099S1	59000.00 B
		Chloride	124	4/01/93	B08CN2	6200.00 H
					B08CN3	6200.00 H
				10/05/93	B099S1	5700.00
		Chromium, filtered	34	10/05/93	B099S1	74.00
		Cobalt, filtered	34	10/05/93	B099S1	4.05 U
		Copper, filtered	34	10/05/93	B099S1	2.65 U
		Fluoride	124	4/01/93	B08CN2	100.00 H
					B08CN3	100.00 H
				10/05/93	B099S1	200.00
		Iron, filtered	34	10/05/93	B099S1	120.00 B
		Magnesium, filtered	34	10/05/93	B099S1	8200.00
		Manganese, filtered	34	10/05/93	B099S1	2.60 L
		Nickel, filtered	34	10/05/93	B099S1	17.90 U
		Nitrate	124	4/01/93	B08CN2	27000.00 H
					B08CN3	27000.00 H
				10/05/93	B099S1	33000.00 D
		Nitrite	124	4/01/93	B08CN2	38.30 UH
					B08CN3	38.30 UH
				10/05/93	B099S1	38.30 U
		Phosphate	124	4/01/93	B08CN2	147.00 UH
					B08CN3	147.00 UH
				10/05/93	B099S1	147.00 U
		Potassium, filtered	34	10/05/93	B099S1	2900.00
		Silver, filtered	34	10/05/93	B099S1	3.50 L
		Sodium, filtered	34	10/05/93	B099S1	8500.00 B
		Sulfate	124	4/01/93	B08CN2	38000.00 H
					B08CN3	38000.00 H
				10/05/93	B099S1	38000.00 D
		Tin, filtered	34	10/05/93	B099S1	51.10 U
		Vanadium, filtered	34	10/05/93	B099S1	8.20 L
		Zinc, filtered	34	10/05/93	B099S1	3.00 LB

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
183H	199-H4-12A	Bromide	124	4/02/93	B08CN4	52.80 UH
		Chloride	124	4/02/93	B08CN4	5900.00 H
		Fluoride	124	4/02/93	B08CN4	200.00 H
		Nitrate	124	4/02/93	B08CN4	36000.00 H
		Nitrite	124	4/02/93	B08CN4	38.30 UH
		Phosphate	124	4/02/93	B08CN4	147.00 UH
		Sulfate	124	4/02/93	B08CN4	29000.00 H
	199-H4-12C	Aluminum, filtered	34	10/05/93	B099S3	32.50 U
		Antimony, filtered	34	10/05/93	B099S3	69.40 U
		Barium, filtered	34	10/05/93	B099S3	13.00 LB
		Beryllium, filtered	34	10/05/93	B099S3	.81 U
		Bromide	124	10/05/93	B099S3	52.80 U
		Cadmium, filtered	34	10/05/93	B099S3	4.70 U
		Calcium, filtered	34	10/05/93	B099S3	32000.00 B
		Chloride	124	10/05/93	B099S3	2200.00
		Chromium, filtered	34	10/05/93	B099S3	310.00
		Cobalt, filtered	34	10/05/93	B099S3	4.05 U
		Copper, filtered	34	10/05/93	B099S3	2.65 U
		Fluoride	124	10/05/93	B099S3	200.00
		Iron, filtered	34	10/05/93	B099S3	110.00 B
		Magnesium, filtered	34	10/05/93	B099S3	11000.00
		Manganese, filtered	34	10/05/93	B099S3	2.20 L
		Nickel, filtered	34	10/05/93	B099S3	17.90 U
		Nitrate	124	10/05/93	B099S3	6100.00
		Nitrite	124	10/05/93	B099S3	38.30 U
		Phosphate	124	10/05/93	B099S3	147.00 U
		Potassium, filtered	34	10/05/93	B099S3	4300.00
		Silver, filtered	34	10/05/93	B099S3	2.87 U
		Sodium, filtered	34	10/05/93	B099S3	4200.00 B
		Sulfate	124	10/05/93	B099S3	23000.00 D
		Tin, filtered	34	10/05/93	B099S3	51.10 U
		Vanadium, filtered	34	10/05/93	B099S3	28.00 L
		Zinc, filtered	34	10/05/93	B099S3	4.50 LB
	199-H4-14	Aluminum, filtered	34	10/05/93	B099S4	32.50 U
		Antimony, filtered	34	10/05/93	B099S4	69.40 U
		Barium, filtered	34	10/05/93	B099S4	20.00 LB
		Beryllium, filtered	34	10/05/93	B099S4	.81 U
		Bromide	124	4/01/93	B08CN7	52.80 UH
				10/05/93	B099S4	52.80 U
		Cadmium, filtered	34	10/05/93	B099S4	4.70 U
		Calcium, filtered	34	10/05/93	B099S4	41000.00 B
		Chloride	124	4/01/93	B08CN7	6100.00 H
				10/05/93	B099S4	5400.00
		Chromium, filtered	34	10/05/93	B099S4	160.00
		Cobalt, filtered	34	10/05/93	B099S4	4.05 U
		Copper, filtered	34	10/05/93	B099S4	2.65 U
		Fluoride	124	4/01/93	B08CN7	200.00 H
			124	10/05/93	B099S4	200.00
		Iron, filtered	34	10/05/93	B099S4	110.00 B
		Magnesium, filtered	34	10/05/93	B099S4	7600.00
		Manganese, filtered	34	10/05/93	B099S4	2.60 L
		Nickel, filtered	34	10/05/93	B099S4	17.90 U
		Nitrate	124	4/01/93	B08CN7	14000.00 H
				10/05/93	B099S4	10000.00 D
183H	199-H4-14	Nitrite	124	4/01/93	B08CN7	38.30 UH
				10/05/93	B099S4	38.30 U
		Phosphate	124	4/01/93	B08CN7	147.00 UH
				10/05/93	B099S4	147.00 U
		Potassium, filtered	34	10/05/93	B099S4	4600.00
		Silver, filtered	34	10/05/93	B099S4	2.87 U
		Sodium, filtered	34	10/05/93	B099S4	8100.00 B
		Sulfate	124	4/01/93	B08CN7	37000.00 H
				10/05/93	B099S4	31000.00 D

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
183H	199-H4-14	Tin, filtered	34	10/05/93	B099S4	51.10 U
		Vanadium, filtered	34	10/05/93	B099S4	8.30 L
		Zinc, filtered	34	10/05/93	B099S4	4.50 LB
	199-H4-15A	Aluminum, filtered	34	10/05/93	B099S5	57.00 L
		Antimony, filtered	34	10/05/93	B099S5	69.40 U
		Barium, filtered	34	10/05/93	B099S5	88.00 B
		Beryllium, filtered	34	10/05/93	B099S5	.81 U
		Bromide	124	4/01/93	B08CN8	52.80 UH
				10/05/93	B099S5	52.80 U
		Cadmium, filtered	34	10/05/93	B099S5	4.70 U
		Calcium, filtered	34	10/05/93	B099S5	53000.00 B
		Chloride	124	4/01/93	B08CN8	7400.00 H
				10/05/93	B099S5	6100.00
		Chromium, filtered	34	10/05/93	B099S5	130.00
		Cobalt, filtered	34	10/05/93	B099S5	4.05 U
		Copper, filtered	34	10/05/93	B099S5	2.65 U
		Fluoride	124	4/01/93	B08CN8	200.00 H
				10/05/93	B099S5	200.00
		Iron, filtered	34	10/05/93	B099S5	160.00 B
		Magnesium, filtered	34	10/05/93	B099S5	10000.00
		Manganese, filtered	34	10/05/93	B099S5	1.80 L
		Nickel, filtered	34	10/05/93	B099S5	17.90 U
		Nitrate	124	4/01/93	B08CN8	26000.00 H
				10/05/93	B099S5	22000.00 D
		Nitrite	124	4/01/93	B08CN8	38.30 UH
				10/05/93	B099S5	38.30 U
		Phosphate	124	4/01/93	B08CN8	147.00 UH
				10/05/93	B099S5	147.00 U
		Potassium, filtered	34	10/05/93	B099S5	5800.00
		Silver, filtered	34	10/05/93	B099S5	2.87 U
		Sodium, filtered	34	10/05/93	B099S5	11000.00 B
		Sulfate	124	4/01/93	B08CN8	53000.00 H
				10/05/93	B099S5	46000.00 D
		Tin, filtered	34	10/05/93	B099S5	51.10 U
		Vanadium, filtered	34	10/05/93	B099S5	12.00 L
		Zinc, filtered	34	10/05/93	B099S5	1.50 LB
	199-H4-18	Bromide	124	4/01/93	B08CN9	52.80 UH
		Chloride	124	4/01/93	B08CN9	6400.00 H
		Fluoride	124	4/01/93	B08CN9	200.00 H
		Nitrate	124	4/01/93	B08CN9	22000.00 H
		Nitrite	124	4/01/93	B08CN9	38.30 UH
		Phosphate	124	4/01/93	B08CN9	147.00 UH
		Sulfate	124	4/01/93	B08CN9	43000.00 H
183H	199-H4-3	Bromide	124	4/01/93	B08CP0	52.80 UH
				5/07/93	B08JC0	91.00 L
		Chloride	124	4/01/93	B08CP0	10000.00 H
				5/07/93	B08JC0	8800.00
		Fluoride	124	4/01/93	B08CP0	1300.00 H
				5/07/93	B08JC0	1000.00
		Nitrate	124	4/01/93	B08CP0	760000.00 H
				5/07/93	B08JC0	570000.00
		Nitrite	124	4/01/93	B08CP0	38.30 UH
				5/07/93	B08JC0	1100.00
		Phosphate	124	4/01/93	B08CP0	147.00 UH
				5/07/93	B08JC0	147.00 U
		Sulfate	124	4/01/93	B08CP0	110000.00 H
				5/07/93	B08JC0	99000.00

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
183-H	199-H4-4	Bromide	124	4/01/93	B08CP1	52.80 UH
				5/07/93	B08JC1	52.80 U
		Chloride	124	4/01/93	B08CP1	7100.00 H
				5/07/93	B08JC1	6400.00
		Fluoride	124	4/01/93	B08CP1	600.00 H
				5/07/93	B08JC1	400.00
		Nitrate	124	4/01/93	B08CP1	93000.00 H
				5/07/93	B08JC1	85000.00
		Nitrite	124	4/01/93	B08CP1	38.30 UH
				5/07/93	B08JC1	38.30 U
		Phosphate	124	4/01/93	B08CP1	147.00 UH
				5/07/93	B08JC1	147.00 U
		Sulfate	124	4/01/93	B08CP1	48000.00 H
				5/07/93	B08JC1	43000.00
	199-H4-5	Bromide	124	4/01/93	B08CP2	52.80 UH
		Chloride	124	4/01/93	B08CP2	8900.00 H
		Fluoride	124	4/01/93	B08CP2	200.00 H
		Nitrate	124	4/01/93	B08CP2	30000.00 H
		Nitrite	124	4/01/93	B08CP2	38.30 UH
		Phosphate	124	4/01/93	B08CP2	147.00 UH
		Sulfate	124	4/01/93	B08CP2	59000.00 H
	199-H4-6	Bromide	124	4/01/93	B08CP3	52.80 UH
		Chloride	124	4/01/93	B08CP3	11000.00 H
		Fluoride	124	4/01/93	B08CP3	200.00 H
		Nitrate	124	4/01/93	B08CP3	29000.00 H
		Nitrite	124	4/01/93	B08CP3	38.30 UH
		Phosphate	124	4/01/93	B08CP3	147.00 UH
		Sulfate	124	4/01/93	B08CP3	71000.00 H
	199-H4-7	Bromide	124	4/01/93	B08CP4	52.80 UH
		Chloride	124	4/01/93	B08CP4	9200.00 H
		Fluoride	124	4/01/93	B08CP4	200.00 H
		Nitrate	124	4/01/93	B08CP4	28000.00 H
		Nitrite	124	4/01/93	B08CP4	38.30 UH
		Phosphate	124	4/01/93	B08CP4	147.00 UH
		Sulfate	124	4/01/93	B08CP4	59000.00 H
	199-H4-8	Bromide	124	4/01/93	B08CP5	52.80 UH
		Chloride	124	4/01/93	B08CP5	9600.00 H
		Fluoride	124	4/01/93	B08CP5	200.00 H
		Nitrate	124	4/01/93	B08CP5	31000.00 H
		Nitrite	124	4/01/93	B08CP5	38.30 UH
		Phosphate	124	4/01/93	B08CP5	147.00 UH
		Sulfate	124	4/01/93	B08CP5	63000.00 H
1301	199-N-14	2,4,6-Trichlorophenol	30	5/24/93	B08HX6	1.45 U
		2,4-Dichlorophenol	30	5/24/93	B08HX6	1.50 U
		2,4-Dimethylphenol	30	5/24/93	B08HX6	1.01 U
		2,4-Dinitrophenol	30	5/24/93	B08HX6	.96 U
		2,6-Dichlorophenol	30	5/24/93	B08HX6	1.59 U
		2-Chlorophenol	30	5/24/93	B08HX6	1.42 U
		2-Nitrophenol	30	5/24/93	B08HX6	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	5/24/93	B08HX6	1.35 U
		4,6-Dinitro-2-methylphenol	30	5/24/93	B08HX6	1.18 U
		4-Chloro-3-methylphenol	30	5/24/93	B08HX6	1.12 U
		4-Nitrophenol	30	5/24/93	B08HX6	.65 U
		Cresols (methylphenols)	30	5/24/93	B08HX6	4.66 U
		Lead	40	8/18/93	B090G1	.51 U
					B090G5	.51 U
		Pentachlorophenol	30	5/24/93	B08HX6	.87 U
		Phenol	30	5/24/93	B08HX6	.31 U
		Tetrachlorophenols	30	5/24/93	B08HX6	1.05 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
183-H	199-N-14	Thallium, filtered	42	8/18/93	B090G5	1.02 U
		Trichloroethene	30	5/24/93	B08HX6	1.11 U
	199-N-2	Ammonium ion	129	8/24/93	B090H9	60.00 L
	199-N-69	2,4,6-Trichlorophenol	30	3/10/93	B07P14	1.45 U
		2,4-Dichlorophenol	30	3/10/93	B07P14	1.50 U
		2,4-Dimethylphenol	30	3/10/93	B07P14	1.01 U
		2,4-Dinitrophenol	30	3/10/93	B07P14	.96 U
		2,6-Dichlorophenol	30	3/10/93	B07P14	1.59 U
		2-Chlorophenol	30	3/10/93	B07P14	1.42 U
		2-Nitrophenol	30	3/10/93	B07P14	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/10/93	B07P14	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/10/93	B07P14	1.18 U
		4-Chloro-3-methylphenol	30	3/10/93	B07P14	1.12 U
		4-Nitrophenol	30	3/10/93	B07P14	.65 U
		Cresols (methylphenols)	30	3/10/93	B07P14	4.66 U
		Pentachlorophenol	30	3/10/93	B07P14	.87 U
		Phenol	30	3/10/93	B07P14	.31 U
		Tetrachlorophenols	30	3/10/93	B07P14	1.05 U
		Trichloroethene	30	3/10/93	B07P14	1.11 U
	199-N-76	Lead	40	8/18/93	B090K8	.51 U
					B090L2	.51 U
1324	199-N-47	2,4,6-Trichlorophenol	30	2/22/93	B085M0	1.45 U
		2,4-Dichlorophenol	30	2/22/93	B085M0	1.50 U
		2,4-Dimethylphenol	30	2/22/93	B085M0	1.01 U
		2,4-Dinitrophenol	30	2/22/93	B085M0	.96 U
		2,6-Dichlorophenol	30	2/22/93	B085M0	1.59 U
		2-Chlorophenol	30	2/22/93	B085M0	1.42 U
		2-Nitrophenol	30	2/22/93	B085M0	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	2/22/93	B085M0	1.35 U
		4,6-Dinitro-2-methylphenol	30	2/22/93	B085M0	1.18 U
		4-Chloro-3-methylphenol	30	2/22/93	B085M0	1.12 U
		4-Nitrophenol	30	2/22/93	B085M0	.65 U
		Bromide	124	5/07/93	B08J71	52.80 U
		Chloride	124	5/07/93	B08J71	9800.00
		Cresols (methylphenols)	30	2/22/93	B085M0	4.66 U
		Fluoride	124	5/07/93	B08J71	1000.00
		Nitrate	124	5/07/93	B08J71	11000.00
		Nitrite	124	5/07/93	B08J71	38.30 U
		Pentachlorophenol	30	2/22/93	B085M0	.87 U
		Phenol	30	2/22/93	B085M0	.31 U
		Phosphate	124	5/07/93	B08J71	147.00 U
		Sulfate	124	5/07/93	B08J71	400000.00
		Tetrachlorophenols	30	2/22/93	B085M0	1.05 U
		Trichloroethene	30	2/22/93	B085M0	1.11 U
	199-N-59	Aluminum, filtered	34	10/04/93	B090L3	520.00
					B090L7	32.50 U
		Antimony, filtered	34	10/04/93	B090L3	69.40 U
					B090L7	69.40 U
		Barium, filtered	34	10/04/93	B090L3	20.00
					B090L7	14.00 L
		Beryllium, filtered	34	10/04/93	B090L3	.81 U
					B090L7	.81 U
		Bromide	124	10/04/93	B090L3	52.80 U
		Cadmium, filtered	34	10/04/93	B090L3	4.70 U
					B090L7	4.70 U
		Calcium, filtered	34	10/04/93	B090L3	18000.00 B
					B090L7	16000.00 B
		Chloride	124	10/04/93	B090L3	5100.00
		Chromium, filtered	34	10/04/93	B090L3	360.00
					B090L7	7.60 L

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
1324	199-N-59	Cobalt, filtered	34	10/04/93	B090L3	4.05 U
					B090L7	4.05 U
		Copper, filtered	34	10/04/93	B090L3	9.20 L
					B090L7	4.00 L
		Fluoride	124	10/04/93	B090L3	1400.00
		Iron, filtered	34	10/04/93	B090L3	2800.00
					B090L7	44.00
		Magnesium, filtered	34	10/04/93	B090L3	3400.00
					B090L7	3100.00
		Manganese, filtered	34	10/04/93	B090L3	44.00
					B090L7	4.30 L
		Nickel, filtered	34	10/04/93	B090L3	180.00
					B090L7	17.90 U
		Nitrate	124	10/04/93	B090L3	8900.00
		Nitrite	124	10/04/93	B090L3	38.30 U
		Phosphate	124	10/04/93	B090L3	147.00 U
		Potassium, filtered	34	10/04/93	B090L3	3600.00
					B090L7	2700.00
		Silver, filtered	34	10/04/93	B090L3	2.87 U
					B090L7	4.10 L
		Sodium, filtered	34	10/04/93	B090L3	170000.00 B
					B090L7	160000.00 B
		Sulfate	124	10/04/93	B090L3	190000.00 D
		Tin, filtered	34	10/04/93	B090L3	51.10 U
					B090L7	51.10 U
		Vanadium, filtered	34	10/04/93	B090L3	16.00 L
					B090L7	13.00 L
		Zinc, filtered	34	10/04/93	B090L3	21.00 B
					B090L7	7.70 LB
	199-N-77	2,3,7,8-TCDD	51	5/10/93	B08JB5	.00 U
		Antimony, filtered	34	2/17/93	B085P7	69.40 UF
		Barium, filtered	34	2/17/93	B085P7	.00 UF
		Beryllium, filtered	34	2/17/93	B085P7	.81 UF
		Cadmium, filtered	34	2/17/93	B085P7	4.70 UF
		Calcium, filtered	34	2/17/93	B085P7	20.90 UQF
		Chromium, filtered	34	2/17/93	B085P7	5.42 UF
		Cobalt, filtered	34	2/17/93	B085P7	4.05 UF
		Copper, filtered	34	2/17/93	B085P7	2.65 UF
		Iron, filtered	34	2/17/93	B085P7	10.30 UF
		Magnesium, filtered	34	2/17/93	B085P7	26.00 UF
		Manganese, filtered	34	2/17/93	B085P7	1.35 UF
		Nickel, filtered	34	2/17/93	B085P7	17.90 UF
		PCDDs	51	5/10/93	B08JB5	.00 U
		PCDFs	51	5/10/93	B08JB5	.00 U
		Potassium, filtered	34	2/17/93	B085P7	662.00 UF
		Silver, filtered	34	2/17/93	B085P7	2.87 UF
		Sodium, filtered	34	2/17/93	B085P7	40.90 UF
		Tin, filtered	34	2/17/93	B085P7	51.10 UF
		Vanadium, filtered	34	2/17/93	B085P7	3.84 UF
		Zinc, filtered	34	2/17/93	B085P7	3.44 UF
1325	199-N-41	Ammonium ion	129	9/01/93	B090R8	70.00 L
	199-N-74	Hydrazine	36	3/24/93	B085T3	1.89 U
HR-3	199-D5-13	1,2,4,5-Tetrachlorobenzene	19	12/14/92	B07RY5	10.00 U
		1,2,4-Trichlorobenzene	19	12/14/92	B07RY5	10.00 U
		1,2-Dichlorobenzene	19	12/14/92	B07RY5	10.00 U
		1,3-Dichlorobenzene	19	12/14/92	B07RY5	10.00 U
		1,4-Naphtoquinone	19	12/14/92	B07RY5	10.00 U
		1-Naphthylamine	19	12/14/92	B07RY5	10.00 U
		2,3,4,6-Tetrachlorophenol	19	12/14/92	B07RY5	10.00 U
		2,4,5-Trichlorophenol	19	12/14/92	B07RY5	10.00 U

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
HR-3	199-D5-13	2,4,6-Trichlorophenol	19	12/14/92	B07RY5	10.00 U
		2,4-Dichlorophenol	19	12/14/92	B07RY5	10.00 U
		2,4-Dimethylphenol	19	12/14/92	B07RY5	10.00 U
		2,4-Dinitrophenol	19	12/14/92	B07RY5	50.00 U
		2,4-Dinitrotoluene	19	12/14/92	B07RY5	10.00 U
		2,6-Dichlorophenol	19	12/14/92	B07RY5	10.00 U
		2,6-Dinitrotoluene	19	12/14/92	B07RY5	10.00 U
		2-Acetylaminofluorene	19	12/14/92	B07RY5	10.00 U
		2-Chloronaphthalene	19	12/14/92	B07RY5	10.00 U
		2-Chlorophenol	19	12/14/92	B07RY5	10.00 U
		2-Methylnaphthalene	19	12/14/92	B07RY5	10.00 U
		2-Methylphenol	19	12/14/92	B07RY5	10.00 U
		2-Naphthylamine	19	12/14/92	B07RY5	10.00 U
		2-Nitroaniline	19	12/14/92	B07RY5	50.00 U
		2-Nitrophenol	19	12/14/92	B07RY5	10.00 U
		3,3'-Dichlorobenzidine	19	12/14/92	B07RY5	20.00 U
		3,3'-Dimethylbenzidine	19	12/14/92	B07RY5	10.00 U
		3-Methylcholanthrene	19	12/14/92	B07RY5	10.00 U
		3-Nitroaniline	19	12/14/92	B07RY5	50.00 U
		4,6-Dinitro-2-methylphenol	19	12/14/92	B07RY5	50.00 U
		4-Aminobiphenyl	19	12/14/92	B07RY5	10.00 U
		4-Bromophenylphenyl ether	19	12/14/92	B07RY5	10.00 U
		4-Chloro-3-methylphenol	19	12/14/92	B07RY5	20.00 U
		4-Chloroaniline	19	12/14/92	B07RY5	20.00 U
		4-Chlorophenylphenyl ether	19	12/14/92	B07RY5	10.00 U
		4-Methylphenol	19	12/14/92	B07RY5	10.00 U
		4-Nitroaniline	19	12/14/92	B07RY5	50.00 U
		4-Nitrophenol	19	12/14/92	B07RY5	50.00 U
		4-Nitroquinoline-1-oxide	19	12/14/92	B07RY5	10.00 U
		5-Nitro-o-toluidine	19	12/14/92	B07RY5	10.00 U
		7,12-Dimethylbenz[a]anthracene	19	12/14/92	B07RY5	10.00 U
		Acenaphthene	19	12/14/92	B07RY5	10.00 U
		Acenaphthylene	19	12/14/92	B07RY5	10.00 U
		Acetophenone	19	12/14/92	B07RY5	10.00 U
		Alpha,alpha-Dimethylphenethylamine	19	12/14/92	B07RY5	10.00 U
		Aniline	19	12/14/92	B07RY5	10.00 U
		Anthracene	19	12/14/92	B07RY5	10.00 U
		Aramite	19	12/14/92	B07RY5	10.00 U
		Benzo(a)anthracene	19	12/14/92	B07RY5	10.00 U
		Benzo(a)pyrene	19	12/14/92	B07RY5	10.00 U
		Benzo(b)fluoranthene	19	12/14/92	B07RY5	10.00 U
		Benzo(ghi)perylene	19	12/14/92	B07RY5	10.00 U
		Benzo(k)fluoranthene	19	12/14/92	B07RY5	10.00 U
		Benzyl alcohol	19	12/14/92	B07RY5	20.00 U
		Bis(2-Choroethoxy)methane	19	12/14/92	B07RY5	10.00 U
		Bis(2-chloroethyl) ether	19	12/14/92	B07RY5	10.00 U
		Bis(2-chloroisopropyl) ether	19	12/14/92	B07RY5	10.00 U
		Bis(2-ethylhexyl) phthalate	19	12/14/92	B07RY5	10.00 U
		Butylbenzylphthalate	19	12/14/92	B07RY5	10.00 U
		Chlorobenzilate	19	12/14/92	B07RY5	10.00 U
		Chrysene	19	12/14/92	B07RY5	10.00 U
		Di-n-butylphthalate	19	12/14/92	B07RY5	10.00 U
		Di-n-octylphthalate	19	12/14/92	B07RY5	10.00 U
		Diallate	19	12/14/92	B07RY5	10.00 U
		Dibenz[a,h]anthracene	19	12/14/92	B07RY5	10.00 U
		Dibenzofuran	19	12/14/92	B07RY5	10.00 U
				Sample	Sample	

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Project	Well	Constituent Name	Method	Date	Number	Result
HR-3	199-D5-13	Diethyl phthalate	19	12/14/92	B07RY5	10.00 U
		Dimethoate	19	12/14/92	B07RY5	10.00 U
		Dimethyl phthalate	19	12/14/92	B07RY5	10.00 U
		Diphenylamine	19	12/14/92	B07RY5	10.00 U
		Ethyl methanesulfonate	19	12/14/92	B07RY5	10.00 U
		Famphur	19	12/14/92	B07RY5	10.00 U
		Fluoranthene	19	12/14/92	B07RY5	10.00 U
		Fluorene	19	12/14/92	B07RY5	10.00 U
		Hexachlorobenzene	19	12/14/92	B07RY5	10.00 U
		Hexachlorobutadiene	19	12/14/92	B07RY5	10.00 U
		Hexachlorocyclopentadiene	19	12/14/92	B07RY5	10.00 U
		Hexachloroethane	19	12/14/92	B07RY5	10.00 U
		Hexachlorophene	19	12/14/92	B07RY5	10.00 U
		Hexachloropropene	19	12/14/92	B07RY5	10.00 U
		Indeno(1,2,3-cd)pyrene	19	12/14/92	B07RY5	10.00 U
		Isodrin	19	12/14/92	B07RY5	10.00 U
		Isophorone	19	12/14/92	B07RY5	10.00 U
		Isosafrole	19	12/14/92	B07RY5	10.00 U
		Kepone	19	12/14/92	B07RY5	10.00 U
		Kerosene	19	12/14/92	B07RY5	10000.00 U
		Methapyrilene	19	12/14/92	B07RY5	10.00 U
		Methyl methanesulfonate	19	12/14/92	B07RY5	10.00 U
		N-Nitroso-di-n-dipropylamine	19	12/14/92	B07RY5	10.00 U
		N-Nitrosodi-n-butylamine	19	12/14/92	B07RY5	10.00 U
		N-Nitrosodiethylamine	19	12/14/92	B07RY5	10.00 U
		N-Nitrosodimethylamine	19	12/14/92	B07RY5	10.00 U
		N-Nitrosodiphenylamine	19	12/14/92	B07RY5	10.00 U
		N-Nitrosomethylethylamine	19	12/14/92	B07RY5	10.00 U
		N-Nitrosomorpholine	19	12/14/92	B07RY5	10.00 U
		N-Nitrosopiperidine	19	12/14/92	B07RY5	10.00 U
		Naphthalene	19	12/14/92	B07RY5	10.00 U
		Nitrobenzene	19	12/14/92	B07RY5	10.00 U
		Nitrosopyrrolidine	19	12/14/92	B07RY5	10.00 U
		O,O,O-Triethyl phosphorothioate	19	12/14/92	B07RY5	10.00 U
		O,O-diethylO-2-pyrazinylphosphor..	19	12/14/92	B07RY5	10.00 U
		Parathion	19	12/14/92	B07RY5	10.00 U
		Pentachlorobenzene	19	12/14/92	B07RY5	10.00 U
		Pentachloronitrobenzene (PCNB)	19	12/14/92	B07RY5	10.00 U
		Pentachlorophenol	19	12/14/92	B07RY5	50.00 U
		Phenacetin	19	12/14/92	B07RY5	10.00 U
		Phenanthrene	19	12/14/92	B07RY5	10.00 U
		Phenol	19	12/14/92	B07RY5	10.00 U
		Pronamide	19	12/14/92	B07RY5	10.00 U
		Pyrene	19	12/14/92	B07RY5	10.00 U
		Safrol	19	12/14/92	B07RY5	10.00 U
		Tetraethyldithiopyrophosphate	19	12/14/92	B07RY5	10.00 U
		Tributyl Phosphate	19	12/14/92	B07RY5	10.00 U
		Trichloroethene	19	12/14/92	B07RY5	10.00 U
		m-Cresol	19	12/14/92	B07RY5	10.00 U
		m-dinitrobenzene	19	12/14/92	B07RY5	10.00 U
		o-Toluidine	19	12/14/92	B07RY5	10.00 U
		p-Dimethylaminoazobenzene	19	12/14/92	B07RY5	10.00 U
		p-Phenylenediamine	19	12/14/92	B07RY5	10.00 U
		sym-Trinitrobenzene	19	12/14/92	B07RY5	10.00 U
	199-D8-5	1,2,4,5-Tetrachlorobenzene	19	12/14/92	B07RY3	10.00 U
		1,2,4-Trichlorobenzene	19	12/14/92	B07RY3	10.00 U
		1,2-Dichlorobenzene	19	12/14/92	B07RY3	10.00 U
		1,3-Dichlorobenzene	19	12/14/92	B07RY3	10.00 U
		1,4-Naphtoquinone	19	12/14/92	B07RY3	10.00 U
		1-Naphthylamine	19	12/14/92	B07RY3	10.00 U
		2,3,4,6-Tetrachlorophenol	19	12/14/92	B07RY3	10.00 U
		2,4,5-Trichlorophenol	19	12/14/92	B07RY3	10.00 U
		2,4,6-Trichlorophenol	19	12/14/92	B07RY3	10.00 U
		2,4-Dichlorophenol	19	12/14/92	B07RY3	10.00 U
				Sample	Sample	

Project	Well	Constituent Name	Method	Date	Number	Result
HR-3	199-D8-5	2,4-Dimethylphenol	19	12/14/92	B07RY3	10.00 U
		2,4-Dinitrophenol	19	12/14/92	B07RY3	50.00 U
		2,4-Dinitrotoluene	19	12/14/92	B07RY3	10.00 U
		2,6-Dichlorophenol	19	12/14/92	B07RY3	10.00 U
		2,6-Dinitrotoluene	19	12/14/92	B07RY3	10.00 U
		2-Acetylaminofluorene	19	12/14/92	B07RY3	10.00 U
		2-Chloronaphthalene	19	12/14/92	B07RY3	10.00 U
		2-Chlorophenol	19	12/14/92	B07RY3	10.00 U
		2-Methylnaphthalene	19	12/14/92	B07RY3	10.00 U
		2-Methylphenol	19	12/14/92	B07RY3	10.00 U
		2-Naphthylamine	19	12/14/92	B07RY3	10.00 U
		2-Nitroaniline	19	12/14/92	B07RY3	50.00 U
		2-Nitrophenol	19	12/14/92	B07RY3	10.00 U
		3,3'-Dichlorobenzidine	19	12/14/92	B07RY3	20.00 U
		3,3'-Dimethylbenzidine	19	12/14/92	B07RY3	10.00 U
		3-Methylcholanthrene	19	12/14/92	B07RY3	10.00 U
		3-Nitroaniline	19	12/14/92	B07RY3	50.00 U
		4,6-Dinitro-2-methylphenol	19	12/14/92	B07RY3	50.00 U
		4-Aminobiphenyl	19	12/14/92	B07RY3	10.00 U
		4-Bromophenylphenyl ether	19	12/14/92	B07RY3	10.00 U
		4-Chloro-3-methylphenol	19	12/14/92	B07RY3	20.00 U
		4-Chloroaniline	19	12/14/92	B07RY3	20.00 U
		4-Chlorophenylphenyl ether	19	12/14/92	B07RY3	10.00 U
		4-Methylphenol	19	12/14/92	B07RY3	10.00 U
		4-Nitroaniline	19	12/14/92	B07RY3	50.00 U
		4-Nitrophenol	19	12/14/92	B07RY3	50.00 U
		4-Nitroquinoline-1-oxide	19	12/14/92	B07RY3	10.00 U
		5-Nitro-o-toluidine	19	12/14/92	B07RY3	10.00 U
		7,12-Dimethylbenz[a]anthracene	19	12/14/92	B07RY3	10.00 U
		Acenaphthene	19	12/14/92	B07RY3	10.00 U
		Acenaphthylene	19	12/14/92	B07RY3	10.00 U
		Acetophenone	19	12/14/92	B07RY3	10.00 U
		Alpha,alpha-Dimethylphenethylamine	19	12/14/92	B07RY3	10.00 U
		Aniline	19	12/14/92	B07RY3	10.00 U
		Anthracene	19	12/14/92	B07RY3	10.00 U
		Aramite	19	12/14/92	B07RY3	10.00 U
		Benzo(a)anthracene	19	12/14/92	B07RY3	10.00 U
		Benzo(a)pyrene	19	12/14/92	B07RY3	10.00 U
		Benzo(b)fluoranthene	19	12/14/92	B07RY3	10.00 U
		Benzo(ghi)perylene	19	12/14/92	B07RY3	10.00 U
		Benzo(k)fluoranthene	19	12/14/92	B07RY3	10.00 U
		Benzyl alcohol	19	12/14/92	B07RY3	20.00 U
		Bis(2-Choroethoxy)methane	19	12/14/92	B07RY3	10.00 U
		Bis(2-chloroethyl) ether	19	12/14/92	B07RY3	10.00 U
		Bis(2-chloroisopropyl) ether	19	12/14/92	B07RY3	10.00 U
		Bis(2-ethylhexyl) phthalate	19	12/14/92	B07RY3	10.00 U
		Butylbenzylphthalate	19	12/14/92	B07RY3	10.00 U
		Chlorobenzilate	19	12/14/92	B07RY3	10.00 U
		Chrysene	19	12/14/92	B07RY3	10.00 U
		Di-n-butylphthalate	19	12/14/92	B07RY3	10.00 U
		Di-n-octylphthalate	19	12/14/92	B07RY3	10.00 U
		Diallate	19	12/14/92	B07RY3	10.00 U
		Dibenz[a,h]anthracene	19	12/14/92	B07RY3	10.00 U
		Dibenzofuran	19	12/14/92	B07RY3	10.00 U
		Diethyl phthalate	19	12/14/92	B07RY3	10.00 U
		Dimethoate	19	12/14/92	B07RY3	10.00 U
		Dimethyl phthalate	19	12/14/92	B07RY3	10.00 U
		Diphenylamine	19	12/14/92	B07RY3	10.00 U
		Ethyl methanesulfonate	19	12/14/92	B07RY3	10.00 U
		Famphur	19	12/14/92	B07RY3	10.00 U
		Fluoranthene	19	12/14/92	B07RY3	10.00 U
		Fluorene	19	12/14/92	B07RY3	10.00 U
		Hexachlorobenzene	19	12/14/92	B07RY3	10.00 U
		Hexachlorobutadiene	19	12/14/92	B07RY3	10.00 U
		Hexachlorocyclopentadiene	19	12/14/92	B07RY3	10.00 U
				Sample	Sample	

Project	Well	Constituent Name	Method	Date	Number	Result
HR-3	199-D8-5	Hexachloroethane	19	12/14/92	B07RY3	10.00 U
		Hexachlorophene	19	12/14/92	B07RY3	10.00 U
		Hexachloropropene	19	12/14/92	B07RY3	10.00 U
		Indeno(1,2,3-cd)pyrene	19	12/14/92	B07RY3	10.00 U
		Isodrin	19	12/14/92	B07RY3	10.00 U
		Isophorone	19	12/14/92	B07RY3	10.00 U
		Isosafrole	19	12/14/92	B07RY3	10.00 U
		Kepone	19	12/14/92	B07RY3	10.00 U
		Kerosene	19	12/14/92	B07RY3	10000.00 U
		Methapyrilene	19	12/14/92	B07RY3	10.00 U
		Methyl methanesulfonate	19	12/14/92	B07RY3	10.00 U
		N-Nitroso-di-n-dipropylamine	19	12/14/92	B07RY3	10.00 U
		N-Nitrosodi-n-butylamine	19	12/14/92	B07RY3	10.00 U
		N-Nitrosodiethylamine	19	12/14/92	B07RY3	10.00 U
		N-Nitrosodimethylamine	19	12/14/92	B07RY3	10.00 U
		N-Nitrosodiphenylamine	19	12/14/92	B07RY3	10.00 U
		N-Nitrosomethylethylamine	19	12/14/92	B07RY3	10.00 U
		N-Nitrosomorpholine	19	12/14/92	B07RY3	10.00 U
		N-Nitrosopiperidine	19	12/14/92	B07RY3	10.00 U
		Naphthalene	19	12/14/92	B07RY3	10.00 U
		Nitrobenzene	19	12/14/92	B07RY3	10.00 U
		Nitrosopyrrolidine	19	12/14/92	B07RY3	10.00 U
		O,O,O-Triethyl phosphorothioate	19	12/14/92	B07RY3	10.00 U
		O,O-diethylO-2-pyrazinylphosphor..	19	12/14/92	B07RY3	10.00 U
		Parathion	19	12/14/92	B07RY3	10.00 U
		Pentachlorobenzene	19	12/14/92	B07RY3	10.00 U
		Pentachloronitrobenzene (PCNB)	19	12/14/92	B07RY3	10.00 U
		Pentachlorophenol	19	12/14/92	B07RY3	50.00 U
		Phenacetin	19	12/14/92	B07RY3	10.00 U
		Phenanthrene	19	12/14/92	B07RY3	10.00 U
		Phenol	19	12/14/92	B07RY3	10.00 U
		Pronamide	19	12/14/92	B07RY3	10.00 U
		Pyrene	19	12/14/92	B07RY3	10.00 U
		Safrol	19	12/14/92	B07RY3	10.00 U
		Tetraethyldithiopyrophosphate	19	12/14/92	B07RY3	10.00 U
		Tributyl Phosphate	19	12/14/92	B07RY3	10.00 U
		Trichloroethene	19	12/14/92	B07RY3	10.00 U
		m-Cresol	19	12/14/92	B07RY3	10.00 U
		m-dinitrobenzene	19	12/14/92	B07RY3	10.00 U
		o-Toluidine	19	12/14/92	B07RY3	10.00 U
		p-Dimethylaminoazobenzene	19	12/14/92	B07RY3	10.00 U
		p-Phenylenediamine	19	12/14/92	B07RY3	10.00 U
		sym-Trinitrobenzene	19	12/14/92	B07RY3	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
NR-2	199-N-19	Coliforms	144	12/02/92	B07NP2	1.00 U
	199-N-26	2,4,6-Trichlorophenol	30	2/24/93	B07NQ2	1.45 U
		2,4-Dichlorophenol	30	2/24/93	B07NQ2	1.50 U
		2,4-Dimethylphenol	30	2/24/93	B07NQ2	1.01 U
		2,4-Dinitrophenol	30	2/24/93	B07NQ2	.96 U
		2,6-Dichlorophenol	30	2/24/93	B07NQ2	1.59 U
		2-Chlorophenol	30	2/24/93	B07NQ2	1.42 U
		2-Nitrophenol	30	2/24/93	B07NQ2	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	2/24/93	B07NQ2	1.35 U
		4,6-Dinitro-2-methylphenol	30	2/24/93	B07NQ2	1.18 U
		4-Chloro-3-methylphenol	30	2/24/93	B07NQ2	1.12 U
		4-Nitrophenol	30	2/24/93	B07NQ2	.65 U
		Bromide	124	5/21/93	B08KM0	52.80 U
		Chloride	124	5/21/93	B08KM0	13000.00
		Cresols (methylphenols)	30	2/24/93	B07NQ2	4.66 U
		Fluoride	124	5/21/93	B08KM0	900.00
		Nitrate	124	5/21/93	B08KM0	46000.00
		Nitrite	124	5/21/93	B08KM0	38.30 U
		Pentachlorophenol	30	2/24/93	B07NQ2	.87 U
		Phenol	30	2/24/93	B07NQ2	.31 U
		Phosphate	124	5/21/93	B08KM0	147.00 U
		Sulfate	124	5/21/93	B08KM0	200000.00
		Tetrachlorophenols	30	2/24/93	B07NQ2	1.05 U
		Trichloroethene	30	2/24/93	B07NQ2	1.11 U
	199-N-49	Aluminum, filtered	34	8/17/93	B090Y4	29000.00 R
		Antimony, filtered	34	8/17/93	B090Y4	79.00 LR
		Barium, filtered	34	8/17/93	B090Y4	840.00 R
		Beryllium, filtered	34	8/17/93	B090Y4	4.10 R
		Cadmium, filtered	34	8/17/93	B090Y4	68.00 R
		Calcium, filtered	34	8/17/93	B090Y4	88000.00 QR
		Chromium, filtered	34	8/17/93	B090Y4	120.00 R
		Cobalt, filtered	34	8/17/93	B090Y4	52.00 R
		Copper, filtered	34	8/17/93	B090Y4	230.00 R
		Iron, filtered	34	8/17/93	B090Y4	370000.00 R
		Magnesium, filtered	34	8/17/93	B090Y4	23000.00 R
		Manganese, filtered	34	8/17/93	B090Y4	5100.00 R
		Nickel, filtered	34	8/17/93	B090Y4	210.00 R
		Potassium, filtered	34	8/17/93	B090Y4	7000.00 R
		Silver, filtered	34	8/17/93	B090Y4	18.00 LR
		Sodium, filtered	34	8/17/93	B090Y4	6100.00 R
		Tin, filtered	34	8/17/93	B090Y4	51.10 UR
		Vanadium, filtered	34	8/17/93	B090Y4	690.00 R
		Zinc, filtered	34	8/17/93	B090Y4	2100.00 R
	199-N-50	Bromide	124	5/21/93	B08KM6	52.80 U
		Chloride	124	5/21/93	B08KM6	3000.00
		Fluoride	124	5/21/93	B08KM6	200.00
		Nitrate	124	5/21/93	B08KM6	12000.00
		Nitrite	124	5/21/93	B08KM6	38.30 U
		Phosphate	124	5/21/93	B08KM6	147.00 U
		Sulfate	124	5/21/93	B08KM6	24000.00
	199-N-64	2,4,6-Trichlorophenol	30	3/11/93	B07NT2	1.45 U
		2,4-Dichlorophenol	30	3/11/93	B07NT2	1.50 U
		2,4-Dimethylphenol	30	3/11/93	B07NT2	1.01 U
		2,4-Dinitrophenol	30	3/11/93	B07NT2	.96 U
		2,6-Dichlorophenol	30	3/11/93	B07NT2	1.59 U
		2-Chlorophenol	30	3/11/93	B07NT2	1.42 U
		2-Nitrophenol	30	3/11/93	B07NT2	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/11/93	B07NT2	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/11/93	B07NT2	1.18 U
		4-Chloro-3-methylphenol	30	3/11/93	B07NT2	1.12 U
		4-Nitrophenol	30	3/11/93	B07NT2	.65 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
NR-2	199-N-64	Cresols (methylphenols)	30	3/11/93	B07NT2	4.66 U
		Pentachlorophenol	30	3/11/93	B07NT2	.87 U
		Phenol	30	3/11/93	B07NT2	.31 U
		Tetrachlorophenols	30	3/11/93	B07NT2	1.05 U
		Trichloroethene	30	3/11/93	B07NT2	1.11 U
	199-N-71	4,4'-DDD	17	11/20/92	B07P52	.10 U
		4,4'-DDE	17	11/20/92	B07P52	.05 U
		4,4'-DDT	17	11/20/92	B07P52	.10 U
		Aldrin	17	11/20/92	B07P52	.05 U
		Alpha-BHC	17	11/20/92	B07P52	.05 U
		Beta-BHC	17	11/20/92	B07P52	.05 U
		Chlordane	17	11/20/92	B07P52	.10 U
		Delta-BHC	17	11/20/92	B07P52	.10 U
		Dieldrin	17	11/20/92	B07P52	.05 U
		Endosulfan I	17	11/20/92	B07P52	.10 U
		Endosulfan II	17	11/20/92	B07P52	.05 U
		Endosulfan sulfate	17	11/20/92	B07P52	.50 U
		Endrin	17	11/20/92	B07P52	.10 U
		Endrin Aldehyde	17	11/20/92	B07P52	.20 U
		Heptachlor	17	11/20/92	B07P52	.05 U
		Heptachlor epoxide	17	11/20/92	B07P52	1.00 U
		Methoxychlor	17	11/20/92	B07P52	2.00 U
		Toxaphene	17	11/20/92	B07P52	2.00 U
		gamma-BHC (Lindane)	17	11/20/92	B07P52	.05 U
	199-N-72	4,4'-DDD	17	11/20/92	B07P53	.10 U
		4,4'-DDE	17	11/20/92	B07P53	.05 U
		4,4'-DDT	17	11/20/92	B07P53	.10 U
		Aldrin	17	11/20/92	B07P53	.05 U
		Alpha-BHC	17	11/20/92	B07P53	.05 U
		Beta-BHC	17	11/20/92	B07P53	.05 U
		Chlordane	17	11/20/92	B07P53	.10 U
		Delta-BHC	17	11/20/92	B07P53	.10 U
		Dieldrin	17	11/20/92	B07P53	.05 U
		Endosulfan I	17	11/20/92	B07P53	.10 U
		Endosulfan II	17	11/20/92	B07P53	.05 U
		Endosulfan sulfate	17	11/20/92	B07P53	.50 U
		Endrin	17	11/20/92	B07P53	.10 U
		Endrin Aldehyde	17	11/20/92	B07P53	.20 U
		Heptachlor	17	11/20/92	B07P53	.05 U
		Heptachlor epoxide	17	11/20/92	B07P53	1.00 U
		Methoxychlor	17	11/20/92	B07P53	2.00 U
		Toxaphene	17	11/20/92	B07P53	2.00 U
		gamma-BHC (Lindane)	17	11/20/92	B07P53	.05 U
	199-N-74	4,4'-DDD	17	11/20/92	B07P61	.10 U
		4,4'-DDE	17	11/20/92	B07P61	.05 U
		4,4'-DDT	17	11/20/92	B07P61	.10 U
		Aldrin	17	11/20/92	B07P61	.05 U
		Alpha-BHC	17	11/20/92	B07P61	.05 U
		Beta-BHC	17	11/20/92	B07P61	.05 U
		Chlordane	17	11/20/92	B07P61	.10 U
		Delta-BHC	17	11/20/92	B07P61	.10 U
		Dieldrin	17	11/20/92	B07P61	.05 U
		Endosulfan I	17	11/20/92	B07P61	.10 U
		Endosulfan II	17	11/20/92	B07P61	.05 U
		Endosulfan sulfate	17	11/20/92	B07P61	.50 U
		Endrin	17	11/20/92	B07P61	.10 U
		Endrin Aldehyde	17	11/20/92	B07P61	.20 U
		Heptachlor	17	11/20/92	B07P61	.05 U
		Heptachlor epoxide	17	11/20/92	B07P61	1.00 U
		Methoxychlor	17	11/20/92	B07P61	2.00 U
		Toxaphene	17	11/20/92	B07P61	2.00 U
		gamma-BHC (Lindane)	17	11/20/92	B07P61	.05 U

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
NR-2	199-N-75	4,4'-DDD	17	11/19/92	B07P12	.10 U
		4,4'-DDE	17	11/19/92	B07P12	.05 U
		4,4'-DDT	17	11/19/92	B07P12	.10 U
		Aldrin	17	11/19/92	B07P12	.05 U
		Alpha-BHC	17	11/19/92	B07P12	.05 U
		Beta-BHC	17	11/19/92	B07P12	.05 U
		Chlordane	17	11/19/92	B07P12	.10 U
		Delta-BHC	17	11/19/92	B07P12	.10 U
		Dieldrin	17	11/19/92	B07P12	.05 U
		Endosulfan I	17	11/19/92	B07P12	.10 U
		Endosulfan II	17	11/19/92	B07P12	.05 U
		Endosulfan sulfate	17	11/19/92	B07P12	.50 U
		Endrin	17	11/19/92	B07P12	.10 U
		Endrin Aldehyde	17	11/19/92	B07P12	.20 U
		Heptachlor	17	11/19/92	B07P12	.05 U
		Heptachlor epoxide	17	11/19/92	B07P12	1.00 U
		Methoxychlor	17	11/19/92	B07P12	2.00 U
		Toxaphene	17	11/19/92	B07P12	2.00 U
		gamma-BHC (Lindane)	17	11/19/92	B07P12	.05 U
	199-N-76	4,4'-DDD	17	11/20/92	B07P13	.10 U
		4,4'-DDE	17	11/20/92	B07P13	.05 U
		4,4'-DDT	17	11/20/92	B07P13	.10 U
		Aldrin	17	11/20/92	B07P13	.05 U
		Alpha-BHC	17	11/20/92	B07P13	.05 U
		Beta-BHC	17	11/20/92	B07P13	.05 U
		Chlordane	17	11/20/92	B07P13	.10 U
		Delta-BHC	17	11/20/92	B07P13	.10 U
		Dieldrin	17	11/20/92	B07P13	.05 U
		Endosulfan I	17	11/20/92	B07P13	.10 U
		Endosulfan II	17	11/20/92	B07P13	.05 U
		Endosulfan sulfate	17	11/20/92	B07P13	.50 U
		Endrin	17	11/20/92	B07P13	.10 U
		Endrin Aldehyde	17	11/20/92	B07P13	.20 U
		Heptachlor	17	11/20/92	B07P13	.05 U
		Heptachlor epoxide	17	11/20/92	B07P13	1.00 U
		Methoxychlor	17	11/20/92	B07P13	2.00 U
		Toxaphene	17	11/20/92	B07P13	2.00 U
		gamma-BHC (Lindane)	17	11/20/92	B07P13	.05 U
	199-N-77	4,4'-DDD	17	11/19/92	B07P55	.10 U
		4,4'-DDE	17	11/19/92	B07P55	.05 U
		4,4'-DDT	17	11/19/92	B07P55	.10 U
		Aldrin	17	11/19/92	B07P55	.05 U
		Alpha-BHC	17	11/19/92	B07P55	.05 U
		Beta-BHC	17	11/19/92	B07P55	.05 U
		Chlordane	17	11/19/92	B07P55	.10 U
		Delta-BHC	17	11/19/92	B07P55	.10 U
		Dieldrin	17	11/19/92	B07P55	.05 U
		Endosulfan I	17	11/19/92	B07P55	.10 U
		Endosulfan II	17	11/19/92	B07P55	.05 U
		Endosulfan sulfate	17	11/19/92	B07P55	.50 U
		Endrin	17	11/19/92	B07P55	.10 U
		Endrin Aldehyde	17	11/19/92	B07P55	.20 U
		Heptachlor	17	11/19/92	B07P55	.05 U
		Heptachlor epoxide	17	11/19/92	B07P55	1.00 U
		Methoxychlor	17	11/19/92	B07P55	2.00 U
		Toxaphene	17	11/19/92	B07P55	2.00 U
		gamma-BHC (Lindane)	17	11/19/92	B07P55	.05 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
NR-2	199-N-80	2-Methylphenol	19	12/04/92	B07NT7	10.00 U
				3/01/93	B085V2	1.80 U
		4-Methylphenol	19	12/04/92	B07NT7	10.00 U
				3/01/93	B085V2	3.54 U
		Decane	19	12/04/92	B07NT7	1000.00 U
				3/01/93	B085V2	4.03 U
		Dodecane	19	12/04/92	B07NT7	1000.00 U
				3/01/93	B085V2	3.62 U
		Naphthalene	19	12/04/92	B07NT7	10.00 U
				3/01/93	B085V2	6.50 U
		Pentachlorophenol	19	12/04/92	B07NT7	50.00 U
				3/01/93	B085V2	8.07 U
		Phenol	19	12/04/92	B07NT7	10.00 U
				3/01/93	B085V2	.83 U
		Tetradecane	19	12/04/92	B07NT7	1000.00 U
				3/01/93	B085V2	2.43 U
		Tributyl Phosphate	19	12/04/92	B07NT7	10.00 U
				3/01/93	B085V2	4.42 U
		m-Cresol	19	12/04/92	B07NT7	10.00 U
				3/01/93	B085V2	1.44 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
GROUT	299-E25-25	Aluminum, filtered	34	10/15/93	B09CN7	32.50 U
					B09CP1	32.50 U
		Antimony, filtered	34	10/15/93	B09CN7	69.40 U
					B09CP1	69.40 U
		Barium, filtered	34	10/15/93	B09CN7	16.00 L
					B09CP1	16.00 L
		Beryllium, filtered	34	10/15/93	B09CN7	.81 U
					B09CP1	.81 U
		Cadmium, filtered	34	10/15/93	B09CN7	4.70 U
					B09CP1	4.70 U
		Calcium, filtered	34	10/15/93	B09CN7	22000.00
					B09CP1	22000.00
		Chromium, filtered	34	10/15/93	B09CN7	41.00
					B09CP1	5.42 U
		Cobalt, filtered	34	10/15/93	B09CN7	4.05 U
					B09CP1	4.05 U
		Copper, filtered	34	10/15/93	B09CN7	2.65 U
					B09CP1	2.65 U
		Iron, filtered	34	10/15/93	B09CN7	240.00
					B09CP1	28.00
		Magnesium, filtered	34	10/15/93	B09CN7	6400.00
					B09CP1	6500.00
		Manganese, filtered	34	10/15/93	B09CN7	5.50 L
					B09CP1	1.35 U
		Nickel, filtered	34	10/15/93	B09CN7	17.90 U
					B09CP1	17.90 U
		Potassium, filtered	34	10/15/93	B09CN7	3700.00
					B09CP1	4000.00
		Silver, filtered	34	10/15/93	B09CN7	2.87 U
					B09CP1	2.87 U
		Sodium, filtered	34	10/15/93	B09CN7	5100.00
					B09CP1	5100.00
		Tin, filtered	34	10/15/93	B09CN7	51.10 U
					B09CP1	51.10 U
		Vanadium, filtered	34	10/15/93	B09CN7	6.60 L
					B09CP1	3.84 U
		Zinc, filtered	34	10/15/93	B09CN7	11.00
					B09CP1	8.60 L
	299-E25-29P	Selenium	48	10/13/93	B09CP2	1.21 U
					B09CP6	1.21 U
	299-E25-33	Selenium	48	10/20/93	B09CQ2	1.21 U
					B09CQ6	2.00 L
	299-E25-38	Selenium	48	10/20/93	B09CR2	1.21 U
					B09CR6	1.21 U
	299-E25-39	2,4,6-Trichlorophenol	30	2/23/93	B086Z7	1.45 U
		2,4-Dichlorophenol	30	2/23/93	B086Z7	1.50 U
		2,4-Dimethylphenol	30	2/23/93	B086Z7	1.01 U
		2,4-Dinitrophenol	30	2/23/93	B086Z7	.96 U
		2,6-Dichlorophenol	30	2/23/93	B086Z7	1.59 U
		2-Chlorophenol	30	2/23/93	B086Z7	1.42 U
		2-Nitrophenol	30	2/23/93	B086Z7	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	2/23/93	B086Z7	1.35 U
		4,6-Dinitro-2-methylphenol	30	2/23/93	B086Z7	1.18 U
		4-Chloro-3-methylphenol	30	2/23/93	B086Z7	1.12 U
		4-Nitrophenol	30	2/23/93	B086Z7	.65 U
		Cresols (methylphenols)	30	2/23/93	B086Z7	4.66 U
		Pentachlorophenol	30	2/23/93	B086Z7	.87 U
		Phenol	30	2/23/93	B086Z7	.31 U
		Tetrachlorophenols	30	2/23/93	B086Z7	1.05 U
		Trichloroethene	30	2/23/93	B086Z7	1.11 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
GROUT	299-E25-44	Aluminum, filtered	34	7/22/93	B08XV6	54.00 L
					B08XW0	32.50 U
		Antimony, filtered	34	7/22/93	B08XV6	69.40 U
					B08XW0	69.40 U
		Barium, filtered	34	7/22/93	B08XV6	24.00
					B08XW0	24.00
		Beryllium, filtered	34	7/22/93	B08XV6	.81 U
					B08XW0	.81 U
		Cadmium, filtered	34	7/22/93	B08XV6	4.70 U
					B08XW0	4.70 U
		Calcium, filtered	34	7/22/93	B08XV6	21000.00 Q
					B08XW0	21000.00 Q
		Chromium, filtered	34	7/22/93	B08XV6	18.00 L
					B08XW0	5.42 U
		Cobalt, filtered	34	7/22/93	B08XV6	4.05 U
					B08XW0	4.05 U
		Copper, filtered	34	7/22/93	B08XV6	2.65 U
					B08XW0	2.65 U
		Disulfoton	29	4/16/93	B08DF7	.12 U
		Iron, filtered	34	7/22/93	B08XV6	130.00
					B08XW0	20.00 L
		Magnesium, filtered	34	7/22/93	B08XV6	5300.00
					B08XW0	5400.00
		Manganese, filtered	34	7/22/93	B08XV6	3.50 L
					B08XW0	1.35 U
		Methyl parathion	29	4/16/93	B08DF7	.24 U
		Nickel, filtered	34	7/22/93	B08XV6	17.90 U
					B08XW0	17.90 U
		Phorate	29	4/16/93	B08DF7	.10 U
		Potassium, filtered	34	7/22/93	B08XV6	3500.00 Q
					B08XW0	3400.00 Q
		Silver, filtered	34	7/22/93	B08XV6	2.87 U
					B08XW0	2.87 U
		Sodium, filtered	34	7/22/93	B08XV6	16000.00 Q
					B08XW0	16000.00 Q
		Tin, filtered	34	7/22/93	B08XV6	51.10 U
					B08XW0	51.10 U
		Vanadium, filtered	34	7/22/93	B08XV6	37.00
					B08XW0	34.00
		Zinc, filtered	34	7/22/93	B08XV6	6.30 LQ
					B08XW0	5.10 LQ
	299-E25-45	4,4'-DDD	17	4/14/93	B08DD7	.00 U
		4,4'-DDE	17	4/14/93	B08DD7	.00 U
		4,4'-DDT	17	4/14/93	B08DD7	.01 U
		Aldrin	17	4/14/93	B08DD7	.05 U
		Alpha-BHC	17	4/14/93	B08DD7	.01 U
		Aluminum, filtered	34	7/22/93	B08XW6	430.00
					B08XX0	32.50 U
		Antimony, filtered	34	7/22/93	B08XW6	69.40 U
					B08XX0	69.40 U
		Aroclor-1016	17	4/14/93	B08DD7	.19 U
		Aroclor-1221	17	4/14/93	B08DD7	.14 U
		Aroclor-1232	17	4/14/93	B08DD7	.11 U
		Aroclor-1242	17	4/14/93	B08DD7	.11 U
		Aroclor-1248	17	4/14/93	B08DD7	.04 U
		Aroclor-1254	17	4/14/93	B08DD7	.10 U
		Aroclor-1260	17	4/14/93	B08DD7	.11 U
		Barium, filtered	34	7/22/93	B08XW6	17.00 L
					B08XX0	16.00 L
		Beryllium, filtered	34	7/22/93	B08XW6	.81 U
					B08XX0	.81 U
		Beta-BHC	17	4/14/93	B08DD7	.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
GROUT	299-E25-45	Cadmium, filtered	34	7/22/93	B08XW6	4.70 U
					B08XX0	4.70 U
		Calcium, filtered	34	7/22/93	B08XW6	18000.00 Q
					B08XX0	18000.00 Q
		Chlordane	17	4/14/93	B08DD7	.01 U
		Chromium, filtered	34	7/22/93	B08XW6	33.00
					B08XX0	5.42 U
		Cobalt, filtered	34	7/22/93	B08XW6	4.05 U
					B08XX0	4.05 U
		Copper, filtered	34	7/22/93	B08XW6	2.65 U
					B08XX0	2.65 U
		Delta-BHC	17	4/14/93	B08DD7	.00 U
		Dieldrin	17	4/14/93	B08DD7	.02 U
		Disulfoton	29	4/14/93	B08DD7	.12 U
					B08DD8	.12 U
		Endosulfan I	17	4/14/93	B08DD7	.00 U
		Endosulfan II	17	4/14/93	B08DD7	.00 U
		Endosulfan sulfate	17	4/14/93	B08DD7	.01 U
		Endrin	17	4/14/93	B08DD7	.01 U
		Endrin Aldehyde	17	4/14/93	B08DD7	.01 U
		Heptachlor	17	4/14/93	B08DD7	.00 U
		Heptachlor epoxide	17	4/14/93	B08DD7	.00 U
		Iron, filtered	34	7/22/93	B08XW6	990.00
					B08XX0	24.00
		Magnesium, filtered	34	7/22/93	B08XW6	4900.00
					B08XX0	4800.00
		Manganese, filtered	34	7/22/93	B08XW6	23.00
					B08XX0	1.35 U
		Methoxychlor	17	4/14/93	B08DD7	.10 U
		Methyl parathion	29	4/14/93	B08DD7	.24 U
					B08DD8	.24 U
		Nickel, filtered	34	7/22/93	B08XW6	17.90 U
					B08XX0	17.90 U
		Phorate	29	4/14/93	B08DD7	.10 U
					B08DD8	.10 U
		Potassium, filtered	34	7/22/93	B08XW6	3300.00 Q
					B08XX0	3200.00 Q
		Silver, filtered	34	7/22/93	B08XW6	2.87 U
					B08XX0	2.87 U
		Sodium, filtered	34	7/22/93	B08XW6	15000.00 Q
					B08XX0	15000.00 Q
		Tin, filtered	34	7/22/93	B08XW6	51.10 U
					B08XX0	51.10 U
		Toxaphene	17	4/14/93	B08DD7	.89 U
		Vanadium, filtered	34	7/22/93	B08XW6	39.00
					B08XX0	39.00
		Zinc, filtered	34	7/22/93	B08XW6	11.00 Q
					B08XX0	3.80 LQ
		gamma-BHC (Lindane)	17	4/14/93	B08DD7	.00 U
	299-E25-49	4,4'-DDD	17	10/15/93	B09CV5	.00 U
		4,4'-DDE	17	10/15/93	B09CV5	.00 U
		4,4'-DDT	17	10/15/93	B09CV5	.01 U
		Aldrin	17	10/15/93	B09CV5	.05 U
		Alpha-BHC	17	10/15/93	B09CV5	.01 U
		Beta-BHC	17	10/15/93	B09CV5	.00 U
		Chlordane	17	10/15/93	B09CV5	.01 U
		Delta-BHC	17	10/15/93	B09CV5	.00 U
		Dieldrin	17	10/15/93	B09CV5	.02 U
		Endosulfan I	17	10/15/93	B09CV5	.00 U
		Endosulfan II	17	10/15/93	B09CV5	.00 U
		Endosulfan sulfate	17	10/15/93	B09CV5	.01 U
		Endrin	17	10/15/93	B09CV5	.01 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
GROUT	299-E25-49	Endrin Aldehyde	17	10/15/93	B09CV5	.01 U
		Heptachlor	17	10/15/93	B09CV5	.00 U
		Heptachlor epoxide	17	10/15/93	B09CV5	.00 U
		Methoxychlor	17	10/15/93	B09CV5	.10 U
		Toxaphene	17	10/15/93	B09CV5	.89 U
		gamma-BHC (Lindane)	17	10/15/93	B09CV5	.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
BPOND	699-40-36	2-Methylphenol	19	12/21/92	B07TB1	10.00 U
		4-Methylphenol	19	12/21/92	B07TB1	10.00 U
		Decane	19	12/21/92	B07TB1	1000.00 U
		Disulfoton	29	5/13/93	B08JD7	.12 U
					B08JD8	.12 U
		Dodecane	19	12/21/92	B07TB1	1000.00 U
		Methyl parathion	29	5/13/93	B08JD7	.24 U
					B08JD8	.24 U
		Naphthalene	19	12/21/92	B07TB1	10.00 U
		Pentachlorophenol	19	12/21/92	B07TB1	50.00 U
		Phenol	19	12/21/92	B07TB1	10.00 U
		Phorate	29	5/13/93	B08JD7	.10 U
					B08JD8	.10 U
		Tetradecane	19	12/21/92	B07TB1	1000.00 U
		Tributyl Phosphate	19	12/21/92	B07TB1	10.00 U
		m-Cresol	19	12/21/92	B07TB1	10.00 U
	699-40-39	2,4,5-T	49	8/05/93	B08XN1	.38 UDH
		2,4,5-TP	49	8/05/93	B08XN1	.41 UDH
		2,4-D	49	8/05/93	B08XN1	.19 UDH
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	8/05/93	B08XN1	.27 UDH
	699-41-35	1,1,1,2-Tetrachloroethane	16	5/13/93	B08JF7	.31 UH
		1,1,2,2-Tetrachloroethane	16	5/13/93	B08JF7	.30 UH
		1,1-Dichloroethene	16	5/13/93	B08JF7	1.03 UH
		1,2,3-Trichloropropane	16	5/13/93	B08JF7	.52 UH
		1,2-Dibromo-3-chloropropane	16	5/13/93	B08JF7	.83 UH
		1,2-Dibromoethane	16	5/13/93	B08JF7	.14 UH
		1,2-Dichloroethene	16	5/13/93	B08JF7	1.20 UH
		1,2-Dichloropropane	16	5/13/93	B08JF7	.50 UH
		1,4-Dioxane	16	5/13/93	B08JF7	43.60 UH
		1-Butanol	16	5/13/93	B08JF7	13.10 UH
		2-Hexanone	16	5/13/93	B08JF7	.75 UH
		2-Methylphenol	19	12/21/92	B07TB9	10.00 U
		4-Methyl-2-pentanone	16	5/13/93	B08JF7	.85 UH
		4-Methylphenol	19	12/21/92	B07TB9	10.00 U
		Acetone	16	5/13/93	B08JF7	13.40 UQH
		Acetonitrile	16	5/13/93	B08JF7	19.40 UH
		Acrolein	16	5/13/93	B08JF7	9.72 UH
		Acrylonitrile	16	5/13/93	B08JF7	4.28 UH
		Benzene	16	5/13/93	B08JF7	.65 UH
		Bromodichloromethane	16	5/13/93	B08JF7	.26 UH
		Bromoform	16	5/13/93	B08JF7	.19 UH
		Carbon disulfide	16	5/13/93	B08JF7	.95 UH
		Carbon tetrachloride	16	5/13/93	B08JF7	.87 UH
		Chlorobenzene	16	5/13/93	B08JF7	.53 UH
		Chloroethane	16	5/13/93	B08JF7	.71 UH
		Chloroprene	16	5/13/93	B08JF7	.77 UH
		Decane	19	12/21/92	B07TB9	1000.00 U
		Dibromochloromethane	16	5/13/93	B08JF7	.29 UH
		Dibromomethane	16	5/13/93	B08JF7	.36 UH
		Dichlorodifluoromethane	16	5/13/93	B08JF7	1.00 UH
		Disulfoton	29	5/13/93	B08JF7	.12 U
		Dodecane	19	12/21/92	B07TB9	1000.00 U
		Ethyl cyanide	16	5/13/93	B08JF7	4.34 UH
		Ethyl methacrylate	16	5/13/93	B08JF7	.29 UH
		Ethylbenzene	16	5/13/93	B08JF7	.49 UH
		Isobutyl alcohol	16	5/13/93	B08JF7	26.90 UH
		Methacrylonitrile	16	5/13/93	B08JF7	.74 UH
		Methyl Iodide	16	5/13/93	B08JF7	.51 UH
		Methyl bromide	16	5/13/93	B08JF7	.58 UH
		Methyl chloride	16	5/13/93	B08JF7	.57 UH
		Methyl ethyl ketone	16	5/13/93	B08JF7	4.25 UH
		Methyl methacrylate	16	5/13/93	B08JF7	.18 UH

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
BPOND	699-41-35	Methyl parathion	29	5/13/93	B08JF7	.24 U
		Naphthalene	19	12/21/92	B07TB9	10.00 U
		Pentachloroethane	16	5/13/93	B08JF7	.67 UH
		Pentachlorophenol	19	12/21/92	B07TB9	50.00 U
		Phenol	19	12/21/92	B07TB9	10.00 U
		Phorate	29	5/13/93	B08JF7	.10 U
		Styrene	16	5/13/93	B08JF7	.43 UH
		Tetrachloroethene	16	5/13/93	B08JF7	1.10 UH
		Tetradecane	19	12/21/92	B07TB9	1000.00 U
		Tetrahydrofuran	16	5/13/93	B08JF7	3.67 UH
		Toluene	16	5/13/93	B08JF7	.73 UH
		Tributyl Phosphate	19	12/21/92	B07TB9	10.00 U
		Trichloroethene	16	5/13/93	B08JF7	.45 UH
					B08JF7	.40 UH
					B08JF7	.64 UH
					B08JF7	2.50 BLQH
					B08JF7	.61 UH
					B08JF7	.25 UH
					B08JF7	.77 UH
		Trichloromonofluoromethane	16	5/13/93	B08JF7	1.41 UH
		Vinyl acetate	16	5/13/93	B08JF7	.30 UH
		Vinyl chloride	16	5/13/93	B08JF7	.78 UH
		Xylenes (total)	16	5/13/93	B08JF7	1.70 UH
		allylchloride	16	5/13/93	B08JF7	.84 UH
		cis-1,3-Dichloropropene	16	5/13/93	B08JF7	.65 UH
		m-Cresol	19	12/21/92	B07TB9	10.00 U
		trans-1,3-Dichloropropene	16	5/13/93	B08JF7	.41 UH
		trans-1,4-dichloro-2-butene	16	5/13/93	B08JF7	.70 UH
	699-41-40	2,4,5-T	49	8/05/93	B08XN6	.38 UH
		2,4,5-TP	49	8/05/93	B08XN6	.41 UH
		2,4-D	49	8/05/93	B08XN6	.19 UH
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	8/05/93	B08XN6	.27 UH
		pH	125	4/23/93	B08GK6	8.40
	699-41-42	2,4,5-T	49	7/28/93	B08XX1	.38 U
		2,4,5-TP	49	7/28/93	B08XX1	.41 U
		2,4-D	49	7/28/93	B08XX1	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	7/28/93	B08XX1	.27 U
		Aluminum, filtered	34	7/28/93	B08XX1	300.00
					B08XX5	32.50 U
		Antimony, filtered	34	7/28/93	B08XX1	69.40 U
		Antimony, filtered	34	7/28/93	B08XX5	69.40 U
		Barium, filtered	34	7/28/93	B08XX1	42.00
					B08XX5	29.00
		Beryllium, filtered	34	7/28/93	B08XX1	.81 U
					B08XX5	.81 U
		Cadmium, filtered	34	7/28/93	B08XX1	4.70 U
					B08XX5	4.70 U
		Calcium, filtered	34	7/28/93	B08XX1	18000.00 Q
					B08XX5	17000.00 Q
		Chromium, filtered	34	7/28/93	B08XX1	68.00
					B08XX5	5.42 U
		Cobalt, filtered	34	7/28/93	B08XX1	4.05 U
					B08XX5	4.05 U
		Copper, filtered	34	7/28/93	B08XX1	6.80 L
					B08XX5	2.65 U
		Disulfoton	29	7/28/93	B08XX1	.12 U
		Iron, filtered	34	7/28/93	B08XX1	420.00
					B08XX5	16.00 L
		Magnesium, filtered	34	7/28/93	B08XX1	6400.00
					B08XX5	6200.00
		Manganese, filtered	34	7/28/93	B08XX1	7.90 L
					B08XX5	1.35 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
BPOND	699-41-42	Mercury	41	7/28/93	B08XX1	.16 U
					B08XX5	.16 U
		Methyl parathion	29	7/28/93	B08XX1	.24 U
		Nickel, filtered	34	7/28/93	B08XX1	110.00
					B08XX5	17.90 U
		Phorate	29	7/28/93	B08XX1	.10 U
		Potassium, filtered	34	7/28/93	B08XX1	6300.00 Q
					B08XX5	5700.00 Q
		Silver, filtered	34	7/28/93	B08XX1	2.87 U
					B08XX5	2.87 U
		Sodium, filtered	34	7/28/93	B08XX1	23000.00 Q
					B08XX5	23000.00 Q
		Tin, filtered	34	7/28/93	B08XX1	51.10 U
					B08XX5	51.10 U
		Vanadium, filtered	34	7/28/93	B08XX1	19.00 L
					B08XX5	20.00 L
		Zinc, filtered	34	7/28/93	B08XX1	4.70 LQ
					B08XX5	3.20 LQ
	699-42-37	Disulfoton	29	5/13/93	B08JG2	.12 U
		Methyl parathion	29	5/13/93	B08JG2	.24 U
		Phorate	29	5/13/93	B08JG2	.10 U
	699-42-39A	2,4,5-T	49	7/29/93	B08XL2	.38 U
		2,4,5-TP	49	7/29/93	B08XL2	.41 U
		2,4-D	49	7/29/93	B08XL2	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	7/29/93	B08XL2	.27 U
		4,4'-DDD	17	7/29/93	B08XL2	.00 U
		4,4'-DDE	17	7/29/93	B08XL2	.00 U
		4,4'-DDT	17	7/29/93	B08XL2	.01 U
		Aldrin	17	7/29/93	B08XL2	.05 U
		Alpha-BHC	17	7/29/93	B08XL2	.01 U
		Aroclor-1016	17	7/29/93	B08XL2	.19 U
		Aroclor-1221	17	7/29/93	B08XL2	.14 U
		Aroclor-1232	17	7/29/93	B08XL2	.11 U
		Aroclor-1242	17	7/29/93	B08XL2	.11 U
		Aroclor-1248	17	7/29/93	B08XL2	.04 U
		Aroclor-1254	17	7/29/93	B08XL2	.10 U
		Aroclor-1260	17	7/29/93	B08XL2	.11 U
		Beta-BHC	17	7/29/93	B08XL2	.00 U
		Bromide	124	4/23/93	B08GH0	52.80 UH
		Chlordane	17	7/29/93	B08XL2	.01 U
		Chloride	124	4/23/93	B08GH0	8100.00 H
		Delta-BHC	17	7/29/93	B08XL2	.00 U
		Dieldrin	17	7/29/93	B08XL2	.02 U
		Endosulfan I	17	7/29/93	B08XL2	.00 U
		Endosulfan II	17	7/29/93	B08XL2	.00 U
		Endosulfan sulfate	17	7/29/93	B08XL2	.01 U
		Endrin	17	7/29/93	B08XL2	.01 U
		Endrin Aldehyde	17	7/29/93	B08XL2	.01 U
		Fluoride	124	4/23/93	B08GH0	600.00 H
		Heptachlor	17	7/29/93	B08XL2	.00 U
		Heptachlor epoxide	17	7/29/93	B08XL2	.00 U
		Methoxychlor	17	7/29/93	B08XL2	.10 U
		Nitrate	124	4/23/93	B08GH0	10000.00 H
		Nitrite	124	4/23/93	B08GH0	38.30 UH
		Phosphate	124	4/23/93	B08GH0	147.00 UH
		Sulfate	124	4/23/93	B08GH0	33000.00 H
		Toxaphene	17	7/29/93	B08XL2	.89 U
		gamma-BHC (Lindane)	17	7/29/93	B08XL2	.00 U
		pH	125	4/23/93	B08GH0	8.20

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
BPOND	699-42-39B	2,4,5-T	49	7/29/93	B08XL7	.38 U
		2,4,5-TP	49	7/29/93	B08XL7	.41 U
		2,4-D	49	7/29/93	B08XL7	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	7/29/93	B08XL7	.27 U
		4,4'-DDD	17	7/29/93	B08XL7	.00 U
		4,4'-DDE	17	7/29/93	B08XL7	.00 U
		4,4'-DDT	17	7/29/93	B08XL7	.01 U
		Aldrin	17	7/29/93	B08XL7	.05 U
		Alpha-BHC	17	7/29/93	B08XL7	.01 U
		Aroclor-1016	17	7/29/93	B08XL7	.19 U
		Aroclor-1221	17	7/29/93	B08XL7	.14 U
		Aroclor-1232	17	7/29/93	B08XL7	.11 U
		Aroclor-1242	17	7/29/93	B08XL7	.11 U
		Aroclor-1248	17	7/29/93	B08XL7	.04 U
		Aroclor-1254	17	7/29/93	B08XL7	.10 U
		Aroclor-1260	17	7/29/93	B08XL7	.11 U
		Beta-BHC	17	7/29/93	B08XL7	.00 U
		Bromide	124	4/23/93	B08GH5	52.80 UH
		Chlordane	17	7/29/93	B08XL7	.01 U
		Chloride	124	4/23/93	B08GH5	8400.00 H
		Delta-BHC	17	7/29/93	B08XL7	.00 U
		Dieldrin	17	7/29/93	B08XL7	.02 U
		Endosulfan I	17	7/29/93	B08XL7	.00 U
		Endosulfan II	17	7/29/93	B08XL7	.00 U
		Endosulfan sulfate	17	7/29/93	B08XL7	.01 U
		Endrin	17	7/29/93	B08XL7	.01 U
		Endrin Aldehyde	17	7/29/93	B08XL7	.01 U
		Fluoride	124	4/23/93	B08GH5	600.00 H
		Heptachlor	17	7/29/93	B08XL7	.00 U
		Heptachlor epoxide	17	7/29/93	B08XL7	.00 U
		Methoxychlor	17	7/29/93	B08XL7	.10 U
		Nitrate	124	4/23/93	B08GH5	11000.00 H
		Nitrite	124	4/23/93	B08GH5	38.30 UH
		Phosphate	124	4/23/93	B08GH5	147.00 UH
		Sulfate	124	4/23/93	B08GH5	36000.00 H
		Toxaphene	17	7/29/93	B08XL7	.89 U
		gamma-BHC (Lindane)	17	7/29/93	B08XL7	.00 U
		pH	125	4/23/93	B08GH5	8.00
	699-42-40A	pH	125	4/23/93	B08GL0	8.20
	699-42-40C	pH	125	4/23/93	B08GL8	9.10 F
					B08GM0	9.10 F
	699-42-41	2,4,5-T	49	7/28/93	B08XP6	.38 U
		2,4,5-TP	49	7/28/93	B08XP6	.41 U
		2,4-D	49	7/28/93	B08XP6	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	7/28/93	B08XP6	.27 U
		Aluminum, filtered	34	7/28/93	B08XP6	71.00 L
					B08XQ0	57.00 L
		Antimony, filtered	34	7/28/93	B08XP6	69.40 U
					B08XQ0	69.40 U
		Barium, filtered	34	7/28/93	B08XP6	10.00 L
					B08XQ0	6.90 L
		Beryllium, filtered	34	7/28/93	B08XP6	.81 U
					B08XQ0	.81 U
		Cadmium, filtered	34	7/28/93	B08XP6	4.70 U
					B08XQ0	4.70 U
		Calcium, filtered	34	7/28/93	B08XP6	24000.00 Q
					B08XQ0	24000.00 Q
		Chromium, filtered	34	7/28/93	B08XP6	63.00
					B08XQ0	5.42 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
BPOND	699-42-41	Cobalt, filtered	34	7/28/93	B08XP6	4.05 U
					B08XQ0	4.05 U
		Copper, filtered	34	7/28/93	B08XP6	2.65 U
					B08XQ0	2.65 U
		Iron, filtered	34	7/28/93	B08XP6	320.00
					B08XQ0	36.00
		Magnesium, filtered	34	7/28/93	B08XP6	5500.00
					B08XQ0	5400.00
		Manganese, filtered	34	7/28/93	B08XP6	6.50 L
					B08XQ0	1.35 U
		Mercury	41	7/28/93	B08XP6	.16 U
					B08XQ0	.16 U
		Nickel, filtered	34	7/28/93	B08XP6	33.00
			34	7/28/93	B08XQ0	17.90 U
		Potassium, filtered	34	7/28/93	B08XP6	3400.00 Q
					B08XQ0	2200.00 Q
		Silver, filtered	34	7/28/93	B08XP6	2.87 U
					B08XQ0	2.87 U
		Sodium, filtered	34	7/28/93	B08XP6	5000.00 Q
					B08XQ0	4900.00 Q
		Tin, filtered	34	7/28/93	B08XP6	51.10 U
					B08XQ0	51.10 U
		Vanadium, filtered	34	7/28/93	B08XP6	3.84 U
					B08XQ0	3.84 U
		Zinc, filtered	34	7/28/93	B08XP6	11.00 Q
					B08XQ0	6.40 LQ
	699-42-42B	2,4,5-T	49	7/28/93	B08XQ1	.38 U
		2,4,5-TP	49	7/28/93	B08XQ1	.41 U
		2,4-D	49	7/28/93	B08XQ1	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	7/28/93	B08XQ1	.27 U
		Aluminum, filtered	34	7/28/93	B08XQ1	370.00
					B08XQ5	32.50 U
		Antimony, filtered	34	7/28/93	B08XQ1	69.40 U
					B08XQ5	69.40 U
		Barium, filtered	34	7/28/93	B08XQ1	27.00
					B08XQ5	24.00
		Beryllium, filtered	34	7/28/93	B08XQ1	.81 U
					B08XQ5	.81 U
		Cadmium, filtered	34	7/28/93	B08XQ1	3.90 L
					B08XQ5	4.70 U
		Calcium, filtered	34	7/28/93	B08XQ1	22000.00 Q
					B08XQ5	22000.00 Q
		Chromium, filtered	34	7/28/93	B08XQ1	110.00
					B08XQ5	7.50 L
		Cobalt, filtered	34	7/28/93	B08XQ1	4.05 U
					B08XQ5	4.05 U
		Copper, filtered	34	7/28/93	B08XQ1	5.20 L
					B08XQ5	2.65 U
		Iron, filtered	34	7/28/93	B08XQ1	1100.00
					B08XQ5	49.00
		Magnesium, filtered	34	7/28/93	B08XQ1	7300.00
					B08XQ5	7100.00
		Manganese, filtered	34	7/28/93	B08XQ1	23.00
					B08XQ5	1.35 U
		Mercury	41	7/28/93	B08XQ1	.16 U
					B08XQ5	.16 U
		Nickel, filtered	34	7/28/93	B08XQ1	55.00
					B08XQ5	17.90 U
		Potassium, filtered	34	7/28/93	B08XQ1	3600.00 Q
					B08XQ5	3500.00 Q
		Silver, filtered	34	7/28/93	B08XQ1	2.87 U
					B08XQ5	2.87 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
BPOND	699-42-42B	Sodium, filtered	34	7/28/93	B08XQ1	19000.00 Q
					B08XQ5	19000.00 Q
		Tin, filtered	34	7/28/93	B08XQ1	51.10 U
			34	7/28/93	B08XQ5	51.10 U
		Vanadium, filtered	34	7/28/93	B08XQ1	40.00
					B08XQ5	35.00
		Zinc, filtered	34	7/28/93	B08XQ1	93.00 Q
					B08XQ5	45.00 Q
		pH	125	4/23/93	B08GL9	8.20
	699-43-41F	2,4,5-T	49	7/28/93	B08XS1	.38 U
		2,4,5-TP	49	7/28/93	B08XS1	.41 U
		2,4-D	49	7/28/93	B08XS1	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	7/28/93	B08XS1	.27 U
		Aluminum, filtered	34	7/28/93	B08XS1	70.00 L
					B08XS5	52.00 L
		Antimony, filtered	34	7/28/93	B08XS1	69.40 U
					B08XS5	69.40 U
		Barium, filtered	34	7/28/93	B08XS1	33.00
					B08XS5	35.00
		Beryllium, filtered	34	7/28/93	B08XS1	.81 U
					B08XS5	.81 U
		Cadmium, filtered	34	7/28/93	B08XS1	4.70 U
					B08XS5	4.70 U
		Calcium, filtered	34	7/28/93	B08XS1	26000.00 Q
					B08XS5	25000.00 Q
		Chromium, filtered	34	7/28/93	B08XS1	83.00
					B08XS5	15.00 L
		Cobalt, filtered	34	7/28/93	B08XS1	4.05 U
					B08XS5	4.05 U
		Copper, filtered	34	7/28/93	B08XS1	2.65 U
					B08XS5	2.65 U
		Iron, filtered	34	7/28/93	B08XS1	380.00
					B08XS5	81.00
		Magnesium, filtered	34	7/28/93	B08XS1	9800.00
					B08XS5	9500.00
		Manganese, filtered	34	7/28/93	B08XS1	9.20 L
					B08XS5	2.20 L
		Mercury	41	7/28/93	B08XS1	.16 U
					B08XS5	.16 U
		Nickel, filtered	34	7/28/93	B08XS1	36.00
					B08XS5	17.90 U
		Potassium, filtered	34	7/28/93	B08XS1	4200.00 Q
					B08XS5	3700.00 Q
		Silver, filtered	34	7/28/93	B08XS1	2.87 U
					B08XS5	2.87 U
		Sodium, filtered	34	7/28/93	B08XS1	19000.00 Q
					B08XS5	19000.00 Q
		Tin, filtered	34	7/28/93	B08XS1	51.10 U
					B08XS5	51.10 U
		Vanadium, filtered	34	7/28/93	B08XS1	25.00 L
					B08XS5	20.00 L
		Zinc, filtered	34	7/28/93	B08XS1	14.00 Q
					B08XS5	15.00 Q
		pH	125	4/23/93	B08GN8	8.20
	699-43-42J	2,4,5-T	49	8/05/93	B08XS6	.38 U
		2,4,5-TP	49	8/05/93	B08XS6	.41 U
		2,4-D	49	8/05/93	B08XS6	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	8/05/93	B08XS6	.27 U
		pH	125	4/23/93	B08GP2	8.30

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
BPOND	699-43-43	2,4,5-T	49	7/28/93	B08XT1	.38 U
		2,4,5-TP	49	7/28/93	B08XT1	.41 U
		2,4-D	49	7/28/93	B08XT1	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	7/28/93	B08XT1	.27 U
		Aluminum, filtered	34	7/28/93	B08XT1	32.50 U
					B08XT5	32.50 U
		Antimony, filtered	34	7/28/93	B08XT1	69.40 U
					B08XT5	69.40 U
		Barium, filtered	34	7/28/93	B08XT1	15.00 L
					B08XT5	12.00 L
		Beryllium, filtered	34	7/28/93	B08XT1	.81 U
					B08XT5	.81 U
		Cadmium, filtered	34	7/28/93	B08XT1	4.70 U
					B08XT5	4.70 U
		Calcium, filtered	34	7/28/93	B08XT1	33000.00 Q
					B08XT5	29000.00 Q
		Chromium, filtered	34	7/28/93	B08XT1	55.00
					B08XT5	7.30 L
		Cobalt, filtered	34	7/28/93	B08XT1	4.05 U
					B08XT5	4.05 U
		Copper, filtered	34	7/28/93	B08XT1	2.65 U
					B08XT5	2.65 U
		Iron, filtered	34	7/28/93	B08XT1	240.00
					B08XT5	32.00
		Magnesium, filtered	34	7/28/93	B08XT1	7300.00
					B08XT5	6400.00
		Manganese, filtered	34	7/28/93	B08XT1	5.70 L
					B08XT5	1.35 U
		Mercury	41	7/28/93	B08XT1	.16 U
					B08XT5	.16 U
		Nickel, filtered	34	7/28/93	B08XT1	17.90 U
					B08XT5	17.90 U
		Potassium, filtered	34	7/28/93	B08XT1	5200.00 Q
					B08XT5	4500.00 Q
		Silver, filtered	34	7/28/93	B08XT1	2.87 U
					B08XT5	2.87 U
		Sodium, filtered	34	7/28/93	B08XT1	9100.00 Q
					B08XT5	8700.00 Q
		Tin, filtered	34	7/28/93	B08XT1	51.10 U
					B08XT5	51.10 U
		Vanadium, filtered	34	7/28/93	B08XT1	45.00
					B08XT5	43.00
		Zinc, filtered	34	7/28/93	B08XT1	5.60 LQ
					B08XT5	10.00 Q
		pH	125	4/23/93	B08GQ4	8.30
	699-43-45	2,4,5-T	49	7/27/93	B08XT6	.38 U
		2,4,5-TP	49	7/27/93	B08XT6	.41 U
		2,4-D	49	7/27/93	B08XT6	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	7/27/93	B08XT6	.27 U
	699-44-39B	2,4,5-T	49	7/29/93	B08XX6	.38 U
		2,4,5-TP	49	7/29/93	B08XX6	.41 U
		2,4-D	49	7/29/93	B08XX6	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	7/29/93	B08XX6	.27 U
		Disulfoton	29	7/29/93	B08XX6	.12 U
		Methyl parathion	29	7/29/93	B08XX6	.24 U
		Phorate	29	7/29/93	B08XX6	.10 U
	699-44-42	Aluminum, filtered	34	7/28/93	B08XV1	32.50 U
					B08XV5	160.00 L
		Antimony, filtered	34	7/28/93	B08XV1	69.40 U
					B08XV5	69.40 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
BPOND	699-44-42	Barium, filtered	34	7/28/93	B08XV1	32.00
					B08XV5	37.00
		Beryllium, filtered	34	7/28/93	B08XV1	.81 U
					B08XV5	.81 U
		Cadmium, filtered	34	7/28/93	B08XV1	4.70 U
					B08XV5	4.70 U
		Calcium, filtered	34	7/28/93	B08XV1	23000.00 Q
					B08XV5	25000.00 Q
		Chromium, filtered	34	7/28/93	B08XV1	84.00
					B08XV5	27.00
		Cobalt, filtered	34	7/28/93	B08XV1	4.05 U
					B08XV5	4.05 U
		Copper, filtered	34	7/28/93	B08XV1	4.50 L
					B08XV5	6.30 L
		Iron, filtered	34	7/28/93	B08XV1	360.00
					B08XV5	330.00
		Magnesium, filtered	34	7/28/93	B08XV1	6500.00
					B08XV5	6600.00
		Manganese, filtered	34	7/28/93	B08XV1	7.40 L
					B08XV5	3.50 L
		Mercury	41	7/28/93	B08XV1	.16 U
					B08XV5	.16 U
		Nickel, filtered	34	7/28/93	B08XV1	39.00
					B08XV5	17.90 U
		Potassium, filtered	34	7/28/93	B08XV1	4000.00 Q
					B08XV5	4300.00 Q
		Silver, filtered	34	7/28/93	B08XV1	2.87 U
					B08XV5	2.87 U
		Sodium, filtered	34	7/28/93	B08XV1	15000.00 Q
					B08XV5	15000.00 Q
		Tin, filtered	34	7/28/93	B08XV1	51.10 U
					B08XV5	51.10 U
		Vanadium, filtered	34	7/28/93	B08XV1	48.00
					B08XV5	45.00
		Zinc, filtered	34	7/28/93	B08XV1	8.10 LQ
					B08XV5	7.00 LQ

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E17-15	4,4'-DDD	17	4/09/93	B08D62	.00 U
					B08D63	.00 U
		4,4'-DDE	17	4/09/93	B08D62	.00 U
					B08D63	.00 U
		4,4'-DDT	17	4/09/93	B08D62	.01 U
					B08D63	.01 U
		Aldrin	17	4/09/93	B08D62	.05 U
					B08D63	.05 U
		Alpha-BHC	17	4/09/93	B08D62	.01 U
					B08D63	.01 U
		Beta-BHC	17	4/09/93	B08D62	.00 U
					B08D63	.00 U
		Chlordane	17	4/09/93	B08D62	.01 U
					B08D63	.01 U
		Delta-BHC	17	4/09/93	B08D62	.00 U
					B08D63	.00 U
		Dieldrin	17	4/09/93	B08D62	.02 U
					B08D63	.02 U
		Endosulfan I	17	4/09/93	B08D62	.00 U
					B08D63	.00 U
		Endosulfan II	17	4/09/93	B08D62	.00 U
					B08D63	.00 U
		Endosulfan sulfate	17	4/09/93	B08D62	.01 U
					B08D63	.01 U
		Endrin	17	4/09/93	B08D62	.01 U
					B08D63	.01 U
		Endrin Aldehyde	17	4/09/93	B08D62	.01 U
					B08D63	.01 U
		Heptachlor	17	4/09/93	B08D62	.00 U
					B08D63	.00 U
		Heptachlor epoxide	17	4/09/93	B08D62	.00 U
					B08D63	.00 U
		Hydrazine	36	4/09/93	B08D62	1.89 U
					B08D63	1.89 U
		Methoxychlor	17	4/09/93	B08D62	.10 U
					B08D63	.10 U
		Total Organic Halogen	67	4/09/93	B08D62	8.00 UPH
					B08D63	8.00 UPH
		Toxaphene	17	4/09/93	B08D62	.89 U
					B08D63	.89 U
		gamma-BHC (Lindane)	17	4/09/93	B08D62	.00 U
					B08D63	.00 U
	299-E17-20	Aluminum, filtered	34	10/15/93	B09BJ4	32.50 U
					B09BJ5	32.50 U
		Antimony, filtered	34	10/15/93	B09BJ4	69.40 U
					B09BJ5	69.40 U
		Barium, filtered	34	10/15/93	B09BJ4	69.00
					B09BJ5	69.00
		Beryllium, filtered	34	10/15/93	B09BJ4	.81 U
					B09BJ5	.81 U
		Cadmium, filtered	34	10/15/93	B09BJ4	4.70 U
					B09BJ5	4.70 U
		Calcium, filtered	34	10/15/93	B09BJ4	57000.00
					B09BJ5	56000.00
		Chromium, filtered	34	10/15/93	B09BJ4	170.00
					B09BJ5	5.42 U
		Cobalt, filtered	34	10/15/93	B09BJ4	4.05 U
					B09BJ5	4.05 U
		Copper, filtered	34	10/15/93	B09BJ4	8.40 L
					B09BJ5	2.65 U
		Hydrazine	36	4/08/93	B08D66	1.89 U
		Iron, filtered	34	10/15/93	B09BJ4	830.00
					B09BJ5	27.00

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E17-20	Magnesium, filtered	34	10/15/93	B09BJ4	17000.00
					B09BJ5	16000.00
		Manganese, filtered	34	10/15/93	B09BJ4	16.00
					B09BJ5	2.30 L
		Nickel, filtered	34	10/15/93	B09BJ4	83.00
					B09BJ5	17.90 U
		Potassium, filtered	34	10/15/93	B09BJ4	7400.00
					B09BJ5	7000.00
		Silver, filtered	34	10/15/93	B09BJ4	2.87 U
					B09BJ5	2.87 U
		Sodium, filtered	34	10/15/93	B09BJ4	21000.00
					B09BJ5	21000.00
		Tin, filtered	34	10/15/93	B09BJ4	51.10 U
					B09BJ5	51.10 U
		Vanadium, filtered	34	10/15/93	B09BJ4	24.00 L
					B09BJ5	20.00 L
		Zinc, filtered	34	10/15/93	B09BJ4	14.00
					B09BJ5	14.00
	299-E25-11	4,4'-DDD	17	4/12/93	B08D68	.00 U
		4,4'-DDE	17	4/12/93	B08D68	.00 U
		4,4'-DDT	17	4/12/93	B08D68	.01 U
		Aldrin	17	4/12/93	B08D68	.05 U
		Alpha-BHC	17	4/12/93	B08D68	.01 U
		Beta-BHC	17	4/12/93	B08D68	.00 U
		Bromide	124	10/21/93	B09BL0	52.80 U
		Chlordane	17	4/12/93	B08D68	.01 U
		Chloride	124	10/21/93	B09BL0	2500.00
		Delta-BHC	17	4/12/93	B08D68	.00 U
		Dieldrin	17	4/12/93	B08D68	.02 U
		Endosulfan I	17	4/12/93	B08D68	.00 U
		Endosulfan II	17	4/12/93	B08D68	.00 U
		Endosulfan sulfate	17	4/12/93	B08D68	.01 U
		Endrin	17	4/12/93	B08D68	.01 U
		Endrin Aldehyde	17	4/12/93	B08D68	.01 U
		Fluoride	124	10/21/93	B09BL0	400.00
		Heptachlor	17	4/12/93	B08D68	.00 U
		Heptachlor epoxide	17	4/12/93	B08D68	.00 U
		Methoxychlor	17	4/12/93	B08D68	.10 U
		Nitrate	124	10/21/93	B09BL0	7800.00 H
		Nitrite	124	10/21/93	B09BL0	38.30 UH
		Phosphate	124	10/21/93	B09BL0	147.00 UH
		Sulfate	124	10/21/93	B09BL0	14000.00 D
		Toxaphene	17	4/12/93	B08D68	.89 U
		gamma-BHC (Lindane)	17	4/12/93	B08D68	.00 U
	299-E25-18	4,4'-DDD	17	4/12/93	B08D53	.00 U
		4,4'-DDE	17	4/12/93	B08D53	.00 U
		4,4'-DDT	17	4/12/93	B08D53	.01 U
		Aldrin	17	4/12/93	B08D53	.05 U
		Alpha-BHC	17	4/12/93	B08D53	.01 U
		Aluminum, filtered	34	10/15/93	B09BL2	130.00 L
					B09BL3	32.50 U
		Antimony, filtered	34	10/15/93	B09BL2	69.40 U
					B09BL3	69.40 U
		Barium, filtered	34	10/15/93	B09BL2	15.00 L
					B09BL3	15.00 L
		Beryllium, filtered	34	10/15/93	B09BL2	.81 U
					B09BL3	.81 U
		Beta-BHC	17	4/12/93	B08D53	.00 U
		Cadmium, filtered	34	10/15/93	B09BL2	4.70 U
					B09BL3	4.70 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E25-18	Calcium, filtered	34	10/15/93	B09BL2	27000.00
					B09BL3	27000.00
		Chlordane	17	4/12/93	B08D53	.01 U
		Chromium, filtered	34	10/15/93	B09BL2	5.42 U
					B09BL3	5.42 U
		Cobalt, filtered	34	10/15/93	B09BL2	4.05 U
					B09BL3	4.05 U
		Copper, filtered	34	10/15/93	B09BL2	2.65 U
					B09BL3	2.65 U
		Delta-BHC	17	4/12/93	B08D53	.00 U
		Dieldrin	17	4/12/93	B08D53	.02 U
		Endosulfan I	17	4/12/93	B08D53	.00 U
		Endosulfan II	17	4/12/93	B08D53	.00 U
		Endosulfan sulfate	17	4/12/93	B08D53	.01 U
		Endrin	17	4/12/93	B08D53	.01 U
		Endrin Aldehyde	17	4/12/93	B08D53	.01 U
		Heptachlor	17	4/12/93	B08D53	.00 U
		Heptachlor epoxide	17	4/12/93	B08D53	.00 U
		Iron, filtered	34	10/15/93	B09BL2	370.00
					B09BL3	16.00 L
		Magnesium, filtered	34	10/15/93	B09BL2	7500.00
					B09BL3	7600.00
		Manganese, filtered	34	10/15/93	B09BL2	7.80 L
					B09BL3	4.50 L
		Methoxychlor	17	4/12/93	B08D53	.10 U
		Nickel, filtered	34	10/15/93	B09BL2	17.90 U
					B09BL3	17.90 U
		Potassium, filtered	34	10/15/93	B09BL2	5700.00
					B09BL3	5300.00
		Silver, filtered	34	10/15/93	B09BL2	2.87 U
					B09BL3	2.87 U
		Sodium, filtered	34	10/15/93	B09BL2	19000.00
					B09BL3	20000.00
		Tin, filtered	34	10/15/93	B09BL2	51.10 U
					B09BL3	51.10 U
		Toxaphene	17	4/12/93	B08D53	.89 U
		Vanadium, filtered	34	10/15/93	B09BL2	30.00 L
					B09BL3	26.00 L
		Zinc, filtered	34	10/15/93	B09BL2	39.00
					B09BL3	17.00
		gamma-BHC (Lindane)	17	4/12/93	B08D53	.00 U
	299-E25-19	2,4,5-T	49	11/18/93	B09BL4	.38 UD
		2,4,5-TP	49	11/18/93	B09BL4	.41 UD
		2,4-D	49	11/18/93	B09BL4	.19 UD
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	11/18/93	B09BL4	.27 UD
	299-E25-20	Selenium	48	10/13/93	B09BJ6	1.21 U
					B09BJ7	1.21 U
	299-E25-21	2,4,6-Trichlorophenol	30	8/02/93	B08R08	1.45 U
		2,4-Dichlorophenol	30	8/02/93	B08R08	1.50 U
		2,4-Dimethylphenol	30	8/02/93	B08R08	1.01 U
		2,4-Dinitrophenol	30	8/02/93	B08R08	.96 U
		2,6-Dichlorophenol	30	8/02/93	B08R08	1.59 U
		2-Chlorophenol	30	8/02/93	B08R08	1.42 U
		2-Nitrophenol	30	8/02/93	B08R08	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	8/02/93	B08R08	1.35 U
		4,4'-DDD	17	4/12/93	B08D74	.00 U
		4,4'-DDE	17	4/12/93	B08D74	.00 U
		4,4'-DDT	17	4/12/93	B08D74	.01 U
		4,6-Dinitro-2-methylphenol	30	8/02/93	B08R08	1.18 U
		4-Chloro-3-methylphenol	30	8/02/93	B08R08	1.12 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E25-21	4-Nitrophenol	30	8/02/93	B08R08	.65 U
		Aldrin	17	4/12/93	B08D74	.05 U
		Alpha-BHC	17	4/12/93	B08D74	.01 U
		Beta-BHC	17	4/12/93	B08D74	.00 U
		Bromide	124	10/21/93	B09BL6	52.80 U
		Chlordane	17	4/12/93	B08D74	.01 U
		Chloride	124	10/21/93	B09BL6	2500.00
		Cresols (methylphenols)	30	8/02/93	B08R08	4.66 U
		Delta-BHC	17	4/12/93	B08D74	.00 U
		Dieldrin	17	4/12/93	B08D74	.02 U
		Endosulfan I	17	4/12/93	B08D74	.00 U
		Endosulfan II	17	4/12/93	B08D74	.00 U
		Endosulfan sulfate	17	4/12/93	B08D74	.01 U
		Endrin	17	4/12/93	B08D74	.01 U
		Endrin Aldehyde	17	4/12/93	B08D74	.01 U
		Fluoride	124	10/21/93	B09BL6	400.00
		Heptachlor	17	4/12/93	B08D74	.00 U
		Heptachlor epoxide	17	4/12/93	B08D74	.00 U
		Methoxychlor	17	4/12/93	B08D74	.10 U
		Nitrate	124	10/21/93	B09BL6	1700.00 H
		Nitrite	124	10/21/93	B09BL6	38.30 UH
		Pentachlorophenol	30	8/02/93	B08R08	.87 U
		Phenol	30	8/02/93	B08R08	.31 U
		Phosphate	124	10/21/93	B09BL6	147.00 UH
		Sulfate	124	10/21/93	B09BL6	14000.00 D
		Tetrachlorophenols	30	8/02/93	B08R08	1.05 U
		Toxaphene	17	4/12/93	B08D74	.89 U
		Trichloroethene	30	8/02/93	B08R08	1.11 U
		gamma-BHC (Lindane)	17	4/12/93	B08D74	.10
	299-E25-26	2,4,6-Trichlorophenol	30	8/02/93	B08R10	1.45 U
		2,4-Dichlorophenol	30	8/02/93	B08R10	1.50 U
		2,4-Dimethylphenol	30	8/02/93	B08R10	1.01 U
		2,4-Dinitrophenol	30	8/02/93	B08R10	.96 U
		2,6-Dichlorophenol	30	8/02/93	B08R10	1.59 U
		2-Chlorophenol	30	8/02/93	B08R10	1.42 U
		2-Nitrophenol	30	8/02/93	B08R10	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	8/02/93	B08R10	1.35 U
		4,6-Dinitro-2-methylphenol	30	8/02/93	B08R10	1.18 U
		4-Chloro-3-methylphenol	30	8/02/93	B08R10	1.12 U
		4-Nitrophenol	30	8/02/93	B08R10	.65 U
		Cresols (methylphenols)	30	8/02/93	B08R10	4.66 U
		Pentachlorophenol	30	8/02/93	B08R10	.87 U
		Phenol	30	8/02/93	B08R10	.31 U
		Tetrachlorophenols	30	8/02/93	B08R10	1.05 U
		Trichloroethene	30	8/02/93	B08R10	1.11 U
	299-E25-28	2,4,6-Trichlorophenol	30	8/02/93	B08R12	1.45 U
		2,4-Dichlorophenol	30	8/02/93	B08R12	1.50 U
		2,4-Dimethylphenol	30	8/02/93	B08R12	1.01 U
		2,4-Dinitrophenol	30	8/02/93	B08R12	.96 U
		2,6-Dichlorophenol	30	8/02/93	B08R12	1.59 U
		2-Chlorophenol	30	8/02/93	B08R12	1.42 U
		2-Nitrophenol	30	8/02/93	B08R12	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	8/02/93	B08R12	1.35 U
		4,6-Dinitro-2-methylphenol	30	8/02/93	B08R12	1.18 U
		4-Chloro-3-methylphenol	30	8/02/93	B08R12	1.12 U
		4-Nitrophenol	30	8/02/93	B08R12	.65 U
		Bromide	124	4/19/93	B08D78	52.80 UH
		Chloride	124	4/19/93	B08D78	2700.00 H
		Cresols (methylphenols)	30	8/02/93	B08R12	4.66 U
		Fluoride	124	4/19/93	B08D78	200.00 H
		Nitrate	124	4/19/93	B08D78	1300.00 H
		Nitrite	124	4/19/93	B08D78	38.30 UH

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E25-28	Pentachlorophenol	30	8/02/93	B08R12	.87 U
		Phenol	30	8/02/93	B08R12	.31 U
		Phosphate	124	4/19/93	B08D78	147.00 UH
		Sulfate	124	4/19/93	B08D78	10000.00 H
		Tetrachlorophenols	30	8/02/93	B08R12	1.05 U
		Trichloroethene	30	8/02/93	B08R12	1.11 U
	299-E25-31	Selenium	48	10/13/93	B09BJ8	1.21 U
					B09BJ9	1.21 U
	299-E25-32P	Selenium	48	10/30/92	B07JG9	10.00 U
					B07JH0	10.00 U
			48	10/13/93	B09BK0	1.21 U
					B09BK1	1.21 U
	299-E25-34	2,4,5-T	49	8/04/93	B08R16	.38 UDH
		2,4,5-TP	49	8/04/93	B08R16	.41 UDH
		2,4-D	49	8/04/93	B08R16	.19 UDH
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	8/04/93	B08R16	.27 UDH
		4,4'-DDD	17	4/12/93	B08D82	.00 U
		4,4'-DDE	17	4/12/93	B08D82	.00 U
		4,4'-DDT	17	4/12/93	B08D82	.01 U
		Aldrin	17	4/12/93	B08D82	.05 U
		Alpha-BHC	17	4/12/93	B08D82	.01 U
		Beta-BHC	17	4/12/93	B08D82	.00 U
		Chlordane	17	4/12/93	B08D82	.01 U
		Delta-BHC	17	4/12/93	B08D82	.00 U
		Dieldrin	17	4/12/93	B08D82	.02 U
		Endosulfan I	17	4/12/93	B08D82	.00 U
		Endosulfan II	17	4/12/93	B08D82	.00 U
		Endosulfan sulfate	17	4/12/93	B08D82	.01 U
		Endrin	17	4/12/93	B08D82	.01 U
		Endrin Aldehyde	17	4/12/93	B08D82	.01 U
		Heptachlor	17	4/12/93	B08D82	.00 U
		Heptachlor epoxide	17	4/12/93	B08D82	.00 U
		Methoxychlor	17	4/12/93	B08D82	.10 U
		Toxaphene	17	4/12/93	B08D82	.89 U
		gamma-BHC (Lindane)	17	4/12/93	B08D82	.00 U
	299-E25-35	4,4'-DDD	17	4/12/93	B08D84	.00 U
		4,4'-DDE	17	4/12/93	B08D84	.00 U
		4,4'-DDT	17	4/12/93	B08D84	.01 U
		Aldrin	17	4/12/93	B08D84	.05 U
		Alpha-BHC	17	4/12/93	B08D84	.01 U
		Beta-BHC	17	4/12/93	B08D84	.00 U
		Chlordane	17	4/12/93	B08D84	.01 U
		Delta-BHC	17	4/12/93	B08D84	.00 U
		Dieldrin	17	4/12/93	B08D84	.02 U
		Endosulfan I	17	4/12/93	B08D84	.00 U
		Endosulfan II	17	4/12/93	B08D84	.00 U
		Endosulfan sulfate	17	4/12/93	B08D84	.01 U
		Endrin	17	4/12/93	B08D84	.01 U
		Endrin Aldehyde	17	4/12/93	B08D84	.01 U
		Heptachlor	17	4/12/93	B08D84	.00 U
		Heptachlor epoxide	17	4/12/93	B08D84	.00 U
		Methoxychlor	17	4/12/93	B08D84	.10 U
		Selenium	48	10/20/93	B09BP4	1.21 U
					B09BP8	1.21 U
		Toxaphene	17	4/12/93	B08D84	.89 U
		gamma-BHC (Lindane)	17	4/12/93	B08D84	.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E25-36	4,4'-DDD	17	4/09/93	B08D86	.00 U
		4,4'-DDE	17	4/09/93	B08D86	.00 U
		4,4'-DDT	17	4/09/93	B08D86	.01 U
		Aldrin	17	4/09/93	B08D86	.05 U
		Alpha-BHC	17	4/09/93	B08D86	.01 U
		Aluminum, filtered	34	10/15/93	B09BK2	32.50 U
					B09BK3	32.50 U
		Antimony, filtered	34	10/15/93	B09BK2	69.40 U
					B09BK3	69.40 U
		Barium, filtered	34	10/15/93	B09BK2	24.00
					B09BK3	24.00
		Beryllium, filtered	34	10/15/93	B09BK2	.81 U
					B09BK3	.81 U
		Beta-BHC	17	4/09/93	B08D86	.00 U
		Cadmium, filtered	34	10/15/93	B09BK2	4.70 U
					B09BK3	4.70 U
		Calcium, filtered	34	10/15/93	B09BK2	30000.00
					B09BK3	30000.00
		Chlordane	17	4/09/93	B08D86	.01 U
		Chromium, filtered	34	10/15/93	B09BK2	67.00
					B09BK3	5.42 U
		Cobalt, filtered	34	10/15/93	B09BK2	4.05 U
					B09BK3	4.05 U
		Copper, filtered	34	10/15/93	B09BK2	6.50 L
					B09BK3	2.65 U
		Delta-BHC	17	4/09/93	B08D86	.00 U
		Dieldrin	17	4/09/93	B08D86	.02 U
		Endosulfan I	17	4/09/93	B08D86	.00 U
		Endosulfan II	17	4/09/93	B08D86	.00 U
		Endosulfan sulfate	17	4/09/93	B08D86	.01 U
		Endrin	17	4/09/93	B08D86	.01 U
		Endrin Aldehyde	17	4/09/93	B08D86	.01 U
		Heptachlor	17	4/09/93	B08D86	.00 U
		Heptachlor epoxide	17	4/09/93	B08D86	.00 U
		Iron, filtered	34	10/15/93	B09BK2	350.00
					B09BK3	22.00
		Magnesium, filtered	34	10/15/93	B09BK2	8200.00
					B09BK3	8300.00
		Manganese, filtered	34	10/15/93	B09BK2	8.20 L
					B09BK3	2.30 L
		Methoxychlor	17	4/09/93	B08D86	.10 U
		Nickel, filtered	34	10/15/93	B09BK2	36.00
					B09BK3	17.90 U
		Potassium, filtered	34	10/15/93	B09BK2	5500.00
					B09BK3	5700.00
		Silver, filtered	34	10/15/93	B09BK2	2.87 U
					B09BK3	2.87 U
		Sodium, filtered	34	10/15/93	B09BK2	18000.00
					B09BK3	19000.00
		Tin, filtered	34	10/15/93	B09BK2	51.10 U
					B09BK3	51.10 U
		Total Organic Halogen	67	4/09/93	B08D86	8.00 UPH
		Toxaphene	17	4/09/93	B08D86	.89 U
		Vanadium, filtered	34	10/15/93	B09BK2	25.00 L
					B09BK3	25.00 L
		Zinc, filtered	34	10/15/93	B09BK2	2.40 L
					B09BK3	9.40 L
		gamma-BHC (Lindane)	17	4/09/93	B08D86	.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E25-42	1,2,4,5-Tetrachlorobenzene	19	10/23/92	B07J99	10.00 U
		1,2,4-Trichlorobenzene	19	10/23/92	B07J99	10.00 U
		1,2-Dichlorobenzene	19	10/23/92	B07J99	10.00 U
		1,3-Dichlorobenzene	19	10/23/92	B07J99	10.00 U
		1,4-Naphtoquinone	19	10/23/92	B07J99	10.00 U
		1-Naphthylamine	19	10/23/92	B07J99	10.00 U
		2,3,4,6-Tetrachlorophenol	19	10/23/92	B07J99	10.00 U
		2,4,5-Trichlorophenol	19	10/23/92	B07J99	10.00 U
		2,4,6-Trichlorophenol	19	10/23/92	B07J99	10.00 U
		2,4-Dichlorophenol	19	10/23/92	B07J99	10.00 U
		2,4-Dimethylphenol	19	10/23/92	B07J99	10.00 U
		2,4-Dinitrophenol	19	10/23/92	B07J99	50.00 U
		2,4-Dinitrotoluene	19	10/23/92	B07J99	10.00 U
		2,6-Dichlorophenol	19	10/23/92	B07J99	10.00 U
		2,6-Dinitrotoluene	19	10/23/92	B07J99	10.00 U
		2-Acetylaminofluorene	19	10/23/92	B07J99	10.00 U
		2-Chloronaphthalene	19	10/23/92	B07J99	10.00 U
		2-Chlorophenol	19	10/23/92	B07J99	10.00 U
		2-Methylnaphthalene	19	10/23/92	B07J99	10.00 U
		2-Methylphenol	19	10/23/92	B07J99	10.00 U
		2-Naphthylamine	19	10/23/92	B07J99	10.00 U
		2-Nitroaniline	19	10/23/92	B07J99	50.00 U
		2-Nitrophenol	19	10/23/92	B07J99	10.00 U
		3,3'-Dichlorobenzidine	19	10/23/92	B07J99	20.00 U
		3,3'-Dimethylbenzidine	19	10/23/92	B07J99	10.00 U
		3-Methylcholanthrene	19	10/23/92	B07J99	10.00 U
		3-Nitroaniline	19	10/23/92	B07J99	50.00 U
		4,6-Dinitro-2-methylphenol	19	10/23/92	B07J99	50.00 U
		4-Aminobiphenyl	19	10/23/92	B07J99	10.00 U
		4-Bromophenylphenyl ether	19	10/23/92	B07J99	10.00 U
		4-Chloro-3-methylphenol	19	10/23/92	B07J99	20.00 U
		4-Chloroaniline	19	10/23/92	B07J99	20.00 U
		4-Chlorophenylphenyl ether	19	10/23/92	B07J99	10.00 U
		4-Methylphenol	19	10/23/92	B07J99	10.00 U
		4-Nitroaniline	19	10/23/92	B07J99	50.00 U
		4-Nitrophenol	19	10/23/92	B07J99	50.00 U
		4-Nitroquinoline-1-oxide	19	10/23/92	B07J99	10.00 U
		5-Nitro-o-toluidine	19	10/23/92	B07J99	10.00 U
		7,12-Dimethylbenz[a]anthracene	19	10/23/92	B07J99	10.00 U
		Acenaphthene	19	10/23/92	B07J99	10.00 U
		Acenaphthylene	19	10/23/92	B07J99	10.00 U
		Acetophenone	19	10/23/92	B07J99	10.00 U
		Alpha,alpha-Dimethylphenethylamine	19	10/23/92	B07J99	10.00 U
		Aniline	19	10/23/92	B07J99	10.00 U
		Anthracene	19	10/23/92	B07J99	10.00 U
		Aramite	19	10/23/92	B07J99	10.00 U
		Benzo(a)anthracene	19	10/23/92	B07J99	10.00 U
		Benzo(a)pyrene	19	10/23/92	B07J99	10.00 U
		Benzo(b)fluoranthene	19	10/23/92	B07J99	10.00 U
		Benzo(ghi)perylene	19	10/23/92	B07J99	10.00 U
		Benzo(k)fluoranthene	19	10/23/92	B07J99	10.00 U
		Benzyl alcohol	19	10/23/92	B07J99	20.00 U
		Bis(2-Choroethoxy)methane	19	10/23/92	B07J99	10.00 U
		Bis(2-chloroethyl) ether	19	10/23/92	B07J99	10.00 U
		Bis(2-chloroisopropyl) ether	19	10/23/92	B07J99	10.00 U
		Bis(2-ethylhexyl) phthalate	19	10/23/92	B07J99	10.00 U
		Butylbenzylphthalate	19	10/23/92	B07J99	10.00 U
		Chlorobenzilate	19	10/23/92	B07J99	10.00 U
		Chrysene	19	10/23/92	B07J99	10.00 U
		Di-n-butylphthalate	19	10/23/92	B07J99	10.00 U
		Di-n-octylphthalate	19	10/23/92	B07J99	10.00 U
		Diallate	19	10/23/92	B07J99	10.00 U
		Dibenz[a,h]anthracene	19	10/23/92	B07J99	10.00 U
		Dibenzofuran	19	10/23/92	B07J99	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E25-42	Diethyl phthalate	19	10/23/92	B07J99	10.00 U
		Dimethoate	19	10/23/92	B07J99	10.00 U
		Dimethyl phthalate	19	10/23/92	B07J99	10.00 U
		Diphenylamine	19	10/23/92	B07J99	10.00 U
		Ethyl methanesulfonate	19	10/23/92	B07J99	10.00 U
		Famphur	19	10/23/92	B07J99	10.00 U
		Fluoranthene	19	10/23/92	B07J99	10.00 U
		Fluorene	19	10/23/92	B07J99	10.00 U
		Hexachlorobenzene	19	10/23/92	B07J99	10.00 U
		Hexachlorobutadiene	19	10/23/92	B07J99	10.00 U
		Hexachlorocyclopentadiene	19	10/23/92	B07J99	10.00 U
		Hexachloroethane	19	10/23/92	B07J99	10.00 U
		Hexachlorophene	19	10/23/92	B07J99	10.00 U
		Hexachloropropene	19	10/23/92	B07J99	10.00 U
		Hydrazine	36	4/08/93	B08D88	1.89 U
		Indeno(1,2,3-cd)pyrene	19	10/23/92	B07J99	10.00 U
		Isodrin	19	10/23/92	B07J99	10.00 U
		Isophorone	19	10/23/92	B07J99	10.00 U
		Isosafrole	19	10/23/92	B07J99	10.00 U
		Kepone	19	10/23/92	B07J99	10.00 U
		Kerosene	19	10/23/92	B07J99	10000.00 U
		Methapyrilene	19	10/23/92	B07J99	10.00 U
		Methyl methanesulfonate	19	10/23/92	B07J99	10.00 U
		N-Nitroso-di-n-dipropylamine	19	10/23/92	B07J99	10.00 U
		N-Nitrosodi-n-butylamine	19	10/23/92	B07J99	10.00 U
		N-Nitrosodiethylamine	19	10/23/92	B07J99	10.00 U
		N-Nitrosodimethylamine	19	10/23/92	B07J99	10.00 U
		N-Nitrosodiphenylamine	19	10/23/92	B07J99	10.00 U
		N-Nitrosomethylethylamine	19	10/23/92	B07J99	10.00 U
		N-Nitrosomorpholine	19	10/23/92	B07J99	10.00 U
		N-Nitrosopiperidine	19	10/23/92	B07J99	10.00 U
		Naphthalene	19	10/23/92	B07J99	10.00 U
		Nitrobenzene	19	10/23/92	B07J99	10.00 U
		Nitrosopyrrolidine	19	10/23/92	B07J99	10.00 U
		O,O,O-Triethyl phosphorothioate	19	10/23/92	B07J99	10.00 U
		O,O-diethylO-2-pyrazinylphosphor..	19	10/23/92	B07J99	10.00 U
		Parathion	19	10/23/92	B07J99	10.00 U
		Pentachlorobenzene	19	10/23/92	B07J99	10.00 U
		Pentachloronitrobenzene (PCNB)	19	10/23/92	B07J99	10.00 U
		Pentachlorophenol	19	10/23/92	B07J99	50.00 U
		Phenacetin	19	10/23/92	B07J99	10.00 U
		Phenanthrene	19	10/23/92	B07J99	10.00 U
		Phenol	19	10/23/92	B07J99	10.00 U
		Pronamide	19	10/23/92	B07J99	10.00 U
		Pyrene	19	10/23/92	B07J99	10.00 U
		Safrol	19	10/23/92	B07J99	10.00 U
		Tetraethyldithiopyrophosphate	19	10/23/92	B07J99	10.00 U
		Tributyl Phosphate	19	10/23/92	B07J99	10.00 U
		Trichloroethene	19	10/23/92	B07J99	10.00 U
		m-Cresol	19	10/23/92	B07J99	10.00 U
		m-dinitrobenzene	19	10/23/92	B07J99	10.00 U
		o-Toluidine	19	10/23/92	B07J99	10.00 U
		p-Dimethylaminoazobenzene	19	10/23/92	B07J99	10.00 U
		p-Phenylenediamine	19	10/23/92	B07J99	10.00 U
		sym-Trinitrobenzene	19	10/23/92	B07J99	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E25-43	1,2,4,5-Tetrachlorobenzene	19	10/23/92	B07JB1	10.00 U
		1,2,4-Trichlorobenzene	19	10/23/92	B07JB1	10.00 U
		1,2-Dichlorobenzene	19	10/23/92	B07JB1	10.00 U
		1,3-Dichlorobenzene	19	10/23/92	B07JB1	10.00 U
		1,4-Naphtoquinone	19	10/23/92	B07JB1	10.00 U
		1-Naphthylamine	19	10/23/92	B07JB1	10.00 U
		2,3,4,6-Tetrachlorophenol	19	10/23/92	B07JB1	10.00 U
		2,4,5-Trichlorophenol	19	10/23/92	B07JB1	10.00 U
		2,4,6-Trichlorophenol	19	10/23/92	B07JB1	10.00 U
		2,4-Dichlorophenol	19	10/23/92	B07JB1	10.00 U
		2,4-Dimethylphenol	19	10/23/92	B07JB1	10.00 U
		2,4-Dinitrophenol	19	10/23/92	B07JB1	50.00 U
		2,4-Dinitrotoluene	19	10/23/92	B07JB1	10.00 U
		2,6-Dichlorophenol	19	10/23/92	B07JB1	10.00 U
		2,6-Dinitrotoluene	19	10/23/92	B07JB1	10.00 U
		2-Acetylaminofluorene	19	10/23/92	B07JB1	10.00 U
		2-Chloronaphthalene	19	10/23/92	B07JB1	10.00 U
		2-Chlorophenol	19	10/23/92	B07JB1	10.00 U
		2-Methylnaphthalene	19	10/23/92	B07JB1	10.00 U
		2-Methylphenol	19	10/23/92	B07JB1	10.00 U
		2-Naphthylamine	19	10/23/92	B07JB1	10.00 U
		2-Nitroaniline	19	10/23/92	B07JB1	50.00 U
		2-Nitrophenol	19	10/23/92	B07JB1	10.00 U
		3,3'-Dichlorobenzidine	19	10/23/92	B07JB1	20.00 U
		3,3'-Dimethylbenzidine	19	10/23/92	B07JB1	10.00 U
		3-Methylcholanthrene	19	10/23/92	B07JB1	10.00 U
		3-Nitroaniline	19	10/23/92	B07JB1	50.00 U
		4,4'-DDD	17	4/09/93	B08D93	.00 U
		4,4'-DDE	17	4/09/93	B08D93	.00 U
		4,4'-DDT	17	4/09/93	B08D93	.01 U
		4,6-Dinitro-2-methylphenol	19	10/23/92	B07JB1	50.00 U
		4-Aminobiphenyl	19	10/23/92	B07JB1	10.00 U
		4-Bromophenylphenyl ether	19	10/23/92	B07JB1	10.00 U
		4-Chloro-3-methylphenol	19	10/23/92	B07JB1	20.00 U
		4-Chloroaniline	19	10/23/92	B07JB1	20.00 U
		4-Chlorophenylphenyl ether	19	10/23/92	B07JB1	10.00 U
		4-Methylphenol	19	10/23/92	B07JB1	10.00 U
		4-Nitroaniline	19	10/23/92	B07JB1	50.00 U
		4-Nitrophenol	19	10/23/92	B07JB1	50.00 U
		4-Nitroquinoline-1-oxide	19	10/23/92	B07JB1	10.00 U
		5-Nitro-o-toluidine	19	10/23/92	B07JB1	10.00 U
		7,12-Dimethylbenz[a]anthracene	19	10/23/92	B07JB1	10.00 U
		Acenaphthene	19	10/23/92	B07JB1	10.00 U
		Acenaphthylene	19	10/23/92	B07JB1	10.00 U
		Acetophenone	19	10/23/92	B07JB1	10.00 U
		Aldrin	17	4/09/93	B08D93	.05 U
		Alpha,alpha-Dimethylphenethylamine	19	10/23/92	B07JB1	10.00 U
		Alpha-BHC	17	4/09/93	B08D93	.01 U
		Aluminum, filtered	34	10/20/93	B09BM2	110.00 L
		Aniline	19	10/23/92	B07JB1	10.00 U
		Anthracene	19	10/23/92	B07JB1	10.00 U
		Antimony, filtered	34	10/20/93	B09BM2	69.40 U
		Aramite	19	10/23/92	B07JB1	10.00 U
		Barium, filtered	34	10/20/93	B09BM2	25.00
		Benzo(a)anthracene	19	10/23/92	B07JB1	10.00 U
		Benzo(a)pyrene	19	10/23/92	B07JB1	10.00 U
		Benzo(b)fluoranthene	19	10/23/92	B07JB1	10.00 U
		Benzo(ghi)perylene	19	10/23/92	B07JB1	10.00 U
		Benzo(k)fluoranthene	19	10/23/92	B07JB1	10.00 U
		Benzyl alcohol	19	10/23/92	B07JB1	20.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E25-43	Beryllium, filtered	34	10/20/93	B09BM2	.81 UQ
		Beta-BHC	17	4/09/93	B08D93	.00 U
		Bis(2-Choroethoxy)methane	19	10/23/92	B07JB1	10.00 U
		Bis(2-chloroethyl) ether	19	10/23/92	B07JB1	10.00 U
		Bis(2-chloroisopropyl) ether	19	10/23/92	B07JB1	10.00 U
		Bis(2-ethylhexyl) phthalate	19	10/23/92	B07JB1	10.00 U
		Butylbenzylphthalate	19	10/23/92	B07JB1	10.00 U
		Cadmium, filtered	34	10/20/93	B09BM2	4.70 U
		Calcium, filtered	34	10/20/93	B09BM2	28000.00
		Chlordane	17	4/09/93	B08D93	.01 U
		Chlorobenzilate	19	10/23/92	B07JB1	10.00 U
		Chromium, filtered	34	10/20/93	B09BM2	86.00
		Chrysene	19	10/23/92	B07JB1	10.00 U
		Cobalt, filtered	34	10/20/93	B09BM2	4.05 U
		Copper, filtered	34	10/20/93	B09BM2	7.20 L
		Delta-BHC	17	4/09/93	B08D93	.00 U
		Di-n-butylphthalate	19	10/23/92	B07JB1	10.00 U
		Di-n-octylphthalate	19	10/23/92	B07JB1	10.00 U
		Diallate	19	10/23/92	B07JB1	10.00 U
		Dibenz[a,h]anthracene	19	10/23/92	B07JB1	10.00 U
		Dibenzofuran	19	10/23/92	B07JB1	10.00 U
		Dieldrin	17	4/09/93	B08D93	.02 U
		Diethyl phthalate	19	10/23/92	B07JB1	10.00 U
		Dimethoate	19	10/23/92	B07JB1	10.00 U
		Dimethyl phthalate	19	10/23/92	B07JB1	10.00 U
		Diphenylamine	19	10/23/92	B07JB1	10.00 U
		Endosulfan I	17	4/09/93	B08D93	.00 U
		Endosulfan II	17	4/09/93	B08D93	.00 U
		Endosulfan sulfate	17	4/09/93	B08D93	.01 U
		Endrin	17	4/09/93	B08D93	.01 U
		Endrin Aldehyde	17	4/09/93	B08D93	.01 U
		Ethyl methanesulfonate	19	10/23/92	B07JB1	10.00 U
		Famphur	19	10/23/92	B07JB1	10.00 U
		Fluoranthene	19	10/23/92	B07JB1	10.00 U
		Fluorene	19	10/23/92	B07JB1	10.00 U
		Heptachlor	17	4/09/93	B08D93	.00 U
		Heptachlor epoxide	17	4/09/93	B08D93	.00 U
		Hexachlorobenzene	19	10/23/92	B07JB1	10.00 U
		Hexachlorobutadiene	19	10/23/92	B07JB1	10.00 U
		Hexachlorocyclopentadiene	19	10/23/92	B07JB1	10.00 U
		Hexachloroethane	19	10/23/92	B07JB1	10.00 U
		Hexachlorophene	19	10/23/92	B07JB1	10.00 U
		Hexachloropropene	19	10/23/92	B07JB1	10.00 U
		Hydrazine	36	4/09/93	B08D93	1.89 U
		Indeno(1,2,3-cd)pyrene	19	10/23/92	B07JB1	10.00 U
		Iron, filtered	34	10/20/93	B09BM2	620.00
		Isodrin	19	10/23/92	B07JB1	10.00 U
		Isophorone	19	10/23/92	B07JB1	10.00 U
		Isosafrole	19	10/23/92	B07JB1	10.00 U
		Kepone	19	10/23/92	B07JB1	10.00 U
		Kerosene	19	10/23/92	B07JB1	10000.00 U
		Magnesium, filtered	34	10/20/93	B09BM2	7400.00
		Manganese, filtered	34	10/20/93	B09BM2	13.00
		Methapyrilene	19	10/23/92	B07JB1	10.00 U
		Methoxychlor	17	4/09/93	B08D93	.10 U
		Methyl methanesulfonate	19	10/23/92	B07JB1	10.00 U
		N-Nitroso-di-n-dipropylamine	19	10/23/92	B07JB1	10.00 U
		N-Nitrosodi-n-butylamine	19	10/23/92	B07JB1	10.00 U
		N-Nitrosodiethylamine	19	10/23/92	B07JB1	10.00 U
		N-Nitrosodimethylamine	19	10/23/92	B07JB1	10.00 U
		N-Nitrosodiphenylamine	19	10/23/92	B07JB1	10.00 U
		N-Nitrosomethylethylamine	19	10/23/92	B07JB1	10.00 U
		N-Nitrosomorpholine	19	10/23/92	B07JB1	10.00 U
		N-Nitrosopiperidine	19	10/23/92	B07JB1	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E25-43	Naphthalene	19	10/23/92	B07JB1	10.00 U
		Nickel, filtered	34	10/20/93	B09BM2	48.00
		Nitrobenzene	19	10/23/92	B07JB1	10.00 U
		Nitrosopyrrolidine	19	10/23/92	B07JB1	10.00 U
		O,O,O-Triethyl phosphorothioate	19	10/23/92	B07JB1	10.00 U
		O,O-diethylO-2-pyrazinylphosphor..	19	10/23/92	B07JB1	10.00 U
		Parathion	19	10/23/92	B07JB1	10.00 U
		Pentachlorobenzene	19	10/23/92	B07JB1	10.00 U
		Pentachloronitrobenzene (PCNB)	19	10/23/92	B07JB1	10.00 U
		Pentachlorophenol	19	10/23/92	B07JB1	50.00 U
		Phenacetin	19	10/23/92	B07JB1	10.00 U
		Phenanthrene	19	10/23/92	B07JB1	10.00 U
		Phenol	19	10/23/92	B07JB1	10.00 U
		Potassium, filtered	34	10/20/93	B09BM2	5000.00
		Pronamide	19	10/23/92	B07JB1	10.00 U
		Pyrene	19	10/23/92	B07JB1	10.00 U
		Safrol	19	10/23/92	B07JB1	10.00 U
		Selenium	48	10/20/93	B09BM2	1.21 U
					B09BM3	1.21 U
			48	10/20/93	B09BN1	1.21 U
		Silver, filtered	34	10/20/93	B09BM2	2.87 U
		Sodium, filtered	34	10/20/93	B09BM2	10000.00
		Tetraethyldithiopyrophosphate	19	10/23/92	B07JB1	10.00 U
		Tin, filtered	34	10/20/93	B09BM2	51.10 U
		Total Organic Halogen	67	4/09/93	B08D93	8.00 UPH
					B08D94	8.00 UPH
					B08D95	8.00 UPH
					B08D96	8.00 UPH
		Toxaphene	17	4/09/93	B08D93	.89 U
		Tributyl Phosphate	19	10/23/92	B07JB1	10.00 U
		Trichloroethene	19	10/23/92	B07JB1	10.00 U
		Vanadium, filtered	34	10/20/93	B09BM2	37.00
		Zinc, filtered	34	10/20/93	B09BM2	14.00
		gamma-BHC (Lindane)	17	4/09/93	B08D93	.00 U
		m-Cresol	19	10/23/92	B07JB1	10.00 U
		m-dinitrobenzene	19	10/23/92	B07JB1	10.00 U
		o-Toluidine	19	10/23/92	B07JB1	10.00 U
		p-Dimethylaminoazobenzene	19	10/23/92	B07JB1	10.00 U
		p-Phenylenediamine	19	10/23/92	B07JB1	10.00 U
		sym-Trinitrobenzene	19	10/23/92	B07JB1	10.00 U
	299-E25-47	2,3,7,8-TCDD	51	4/30/93	B08D48	.00 U
		4,4'-DDD	17	4/30/93	B08D48	.00 U
		4,4'-DDE	17	4/30/93	B08D48	.00 U
		4,4'-DDT	17	4/30/93	B08D48	.01 U
		Aldrin	17	4/30/93	B08D48	.05 U
		Alpha-BHC	17	4/30/93	B08D48	.01 U
		Aroclor-1016	17	4/30/93	B08D48	.19 U
		Aroclor-1221	17	4/30/93	B08D48	.14 U
		Aroclor-1232	17	4/30/93	B08D48	.11 U
		Aroclor-1242	17	4/30/93	B08D48	.11 U
		Aroclor-1248	17	4/30/93	B08D48	.04 U
		Aroclor-1254	17	4/30/93	B08D48	.10 U
		Aroclor-1260	17	4/30/93	B08D48	.11 U
		Beta-BHC	17	4/30/93	B08D48	.00 U
		Bromide	124	4/30/93	B08D48	52.80 U
		Chlordane	17	4/30/93	B08D48	.01 U
		Chloride	124	4/30/93	B08D48	3000.00
		Delta-BHC	17	4/30/93	B08D48	.00 U
		Dieldrin	17	4/30/93	B08D48	.02 U
		Disulfoton	29	4/30/93	B08D48	.12 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E25-47	Endosulfan I	17	4/30/93	B08D48	.00 U
		Endosulfan II	17	4/30/93	B08D48	.00 U
		Endosulfan sulfate	17	4/30/93	B08D48	.01 U
		Endrin	17	4/30/93	B08D48	.01 L
		Endrin Aldehyde	17	4/30/93	B08D48	.01 U
		Fluoride	124	4/30/93	B08D48	400.00
		Heptachlor	17	4/30/93	B08D48	.00 U
		Heptachlor epoxide	17	4/30/93	B08D48	.00 U
		Methoxychlor	17	4/30/93	B08D48	.10 U
		Methyl parathion	29	4/30/93	B08D48	.24 U
		Nitrate	124	4/30/93	B08D48	5600.00
		Nitrite	124	4/30/93	B08D48	38.30 U
		PCDDs	51	4/30/93	B08D48	.00 U
		PCDFs	51	4/30/93	B08D48	.00 U
		Phorate	29	4/30/93	B08D48	.10 U
		Phosphate	124	4/30/93	B08D48	147.00 U
		Sulfate	124	4/30/93	B08D48	29000.00
		Toxaphene	17	4/30/93	B08D48	.89 U
		gamma-BHC (Lindane)	17	4/30/93	B08D48	.00 U
	299-E25-48	4,4'-DDD	17	4/09/93	B08D43	.00 U
		4,4'-DDE	17	4/09/93	B08D43	.00 U
		4,4'-DDT	17	4/09/93	B08D43	.01 U
		Aldrin	17	4/09/93	B08D43	.05 U
		Alpha-BHC	17	4/09/93	B08D43	.01 U
		Aluminum, filtered	34	10/15/93	B09BQ9	320.00
					B09BR3	32.50 U
		Antimony, filtered	34	10/15/93	B09BQ9	69.40 U
					B09BR3	69.40 U
		Aroclor-1016	17	4/09/93	B08D43	.19 U
		Aroclor-1221	17	4/09/93	B08D43	.14 U
		Aroclor-1232	17	4/09/93	B08D43	.11 U
		Aroclor-1242	17	4/09/93	B08D43	.11 U
		Aroclor-1248	17	4/09/93	B08D43	.04 U
		Aroclor-1254	17	4/09/93	B08D43	.10 U
		Aroclor-1260	17	4/09/93	B08D43	.11 U
		Barium, filtered	34	10/15/93	B09BQ9	33.00
					B09BR3	32.00
		Beryllium, filtered	34	10/15/93	B09BQ9	.81 U
					B09BR3	.81 U
		Beta-BHC	17	4/09/93	B08D43	.00 U
		Cadmium, filtered	34	10/15/93	B09BQ9	4.70 U
					B09BR3	4.70 U
		Calcium, filtered	34	10/15/93	B09BQ9	25000.00
					B09BR3	25000.00
		Chlordane	17	4/09/93	B08D43	.01 U
		Chromium, filtered	34	10/15/93	B09BQ9	63.00
					B09BR3	5.42 U
		Cobalt, filtered	34	10/15/93	B09BQ9	4.05 U
					B09BR3	4.05 U
		Copper, filtered	34	10/15/93	B09BQ9	4.60 L
					B09BR3	2.65 U
		Delta-BHC	17	4/09/93	B08D43	.00 U
		Dieldrin	17	4/09/93	B08D43	.02 U
		Disulfoton	29	4/09/93	B08D43	X
		Endosulfan I	17	4/09/93	B08D43	.00 U
		Endosulfan II	17	4/09/93	B08D43	.00 U
		Endosulfan sulfate	17	4/09/93	B08D43	.01 U
		Endrin	17	4/09/93	B08D43	.01 U
		Endrin Aldehyde	17	4/09/93	B08D43	.01 U
		Heptachlor	17	4/09/93	B08D43	.00 U
		Heptachlor epoxide	17	4/09/93	B08D43	.00 U
		Iron, filtered	34	10/15/93	B09BQ9	1000.00
					B09BR3	44.00

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E25-48	Magnesium, filtered	34	10/15/93	B09BQ9	7300.00
					B09BR3	7400.00
		Manganese, filtered	34	10/15/93	B09BQ9	34.00
					B09BR3	14.00
		Methoxychlor	17	4/09/93	B08D43	.10 U
		Methyl parathion	29	4/09/93	B08D43	.24 U
		Nickel, filtered	34	10/15/93	B09BQ9	51.00
					B09BR3	17.90 U
		Phorate	29	4/09/93	B08D43	X
		Potassium, filtered	34	10/15/93	B09BQ9	4800.00
					B09BR3	5700.00
		Silver, filtered	34	10/15/93	B09BQ9	2.87 U
					B09BR3	2.87 U
		Sodium, filtered	34	10/15/93	B09BQ9	14000.00
					B09BR3	14000.00
		Tin, filtered	34	10/15/93	B09BQ9	51.10 U
					B09BR3	51.10 U
		Total Organic Halogen	67	4/09/93	B08D43	8.00 UPH
					B08D44	8.00 UPH
					B08D45	8.00 UPH
					B08D46	8.00 UPH
		Toxaphene	17	4/09/93	B08D43	.89 U
		Vanadium, filtered	34	10/15/93	B09BQ9	27.00 L
					B09BR3	23.00 L
		Zinc, filtered	34	10/15/93	B09BQ9	8.20 L
					B09BR3	6.70 L
		gamma-BHC (Lindane)	17	4/09/93	B08D43	.00 U
	299-E26-12	1,2,4,5-Tetrachlorobenzene	19	10/23/92	B07JB3	10.00 U
		1,2,4-Trichlorobenzene	19	10/23/92	B07JB3	10.00 U
		1,2-Dichlorobenzene	19	10/23/92	B07JB3	10.00 U
		1,3-Dichlorobenzene	19	10/23/92	B07JB3	10.00 U
		1,4-Naphtoquinone	19	10/23/92	B07JB3	10.00 U
		1-Naphthylamine	19	10/23/92	B07JB3	10.00 U
		2,3,4,6-Tetrachlorophenol	19	10/23/92	B07JB3	10.00 U
		2,4,5-Trichlorophenol	19	10/23/92	B07JB3	10.00 U
		2,4,6-Trichlorophenol	19	10/23/92	B07JB3	10.00 U
		2,4-Dichlorophenol	19	10/23/92	B07JB3	10.00 U
		2,4-Dimethylphenol	19	10/23/92	B07JB3	10.00 U
		2,4-Dinitrophenol	19	10/23/92	B07JB3	50.00 U
		2,4-Dinitrotoluene	19	10/23/92	B07JB3	10.00 U
		2,6-Dichlorophenol	19	10/23/92	B07JB3	10.00 U
		2,6-Dinitrotoluene	19	10/23/92	B07JB3	10.00 U
		2-Acetylaminofluorene	19	10/23/92	B07JB3	10.00 U
		2-Chloronaphthalene	19	10/23/92	B07JB3	10.00 U
		2-Chlorophenol	19	10/23/92	B07JB3	10.00 U
		2-Methylnaphthalene	19	10/23/92	B07JB3	10.00 U
		2-Methylphenol	19	10/23/92	B07JB3	10.00 U
		2-Naphthylamine	19	10/23/92	B07JB3	10.00 U
		2-Nitroaniline	19	10/23/92	B07JB3	50.00 U
		2-Nitrophenol	19	10/23/92	B07JB3	10.00 U
		3,3'-Dichlorobenzidine	19	10/23/92	B07JB3	20.00 U
		3,3'-Dimethylbenzidine	19	10/23/92	B07JB3	10.00 U
		3-Methylcholanthrene	19	10/23/92	B07JB3	10.00 U
		3-Nitroaniline	19	10/23/92	B07JB3	50.00 U
		4,6-Dinitro-2-methylphenol	19	10/23/92	B07JB3	50.00 U
		4-Aminobiphenyl	19	10/23/92	B07JB3	10.00 U
		4-Bromophenylphenyl ether	19	10/23/92	B07JB3	10.00 U
		4-Chloro-3-methylphenol	19	10/23/92	B07JB3	20.00 U
		4-Chloroaniline	19	10/23/92	B07JB3	20.00 U
		4-Chlorophenylphenyl ether	19	10/23/92	B07JB3	10.00 U
		4-Methylphenol	19	10/23/92	B07JB3	10.00 U
		4-Nitroaniline	19	10/23/92	B07JB3	50.00 U
		4-Nitrophenol	19	10/23/92	B07JB3	50.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E26-12	4-Nitroquinoline-1-oxide	19	10/23/92	B07JB3	10.00 U
		5-Nitro-o-toluidine	19	10/23/92	B07JB3	10.00 U
		7,12-Dimethylbenz[a]anthracene	19	10/23/92	B07JB3	10.00 U
		Acenaphthene	19	10/23/92	B07JB3	10.00 U
		Acenaphthylene	19	10/23/92	B07JB3	10.00 U
		Acetophenone	19	10/23/92	B07JB3	10.00 U
		Alpha,alpha-Dimethylphenethylamine	19	10/23/92	B07JB3	10.00 U
		Aluminum, filtered	34	7/22/93	B08R40	32.50 U
					B08R44	32.50 U
		Aniline	19	10/23/92	B07JB3	10.00 U
		Anthracene	19	10/23/92	B07JB3	10.00 U
		Antimony, filtered	34	7/22/93	B08R40	69.40 U
					B08R44	69.40 U
		Aramite	19	10/23/92	B07JB3	10.00 U
		Barium, filtered	34	7/22/93	B08R40	17.00 L
					B08R44	18.00 L
		Benzo(a)anthracene	19	10/23/92	B07JB3	10.00 U
		Benzo(a)pyrene	19	10/23/92	B07JB3	10.00 U
		Benzo(b)fluoranthene	19	10/23/92	B07JB3	10.00 U
		Benzo(ghi)perylene	19	10/23/92	B07JB3	10.00 U
		Benzo(k)fluoranthene	19	10/23/92	B07JB3	10.00 U
		Benzyl alcohol	19	10/23/92	B07JB3	20.00 U
		Beryllium, filtered	34	7/22/93	B08R40	.81 U
					B08R44	.81 U
		Bis(2-Choroethoxy)methane	19	10/23/92	B07JB3	10.00 U
		Bis(2-chloroethyl) ether	19	10/23/92	B07JB3	10.00 U
		Bis(2-chloroisopropyl) ether	19	10/23/92	B07JB3	10.00 U
		Bis(2-ethylhexyl) phthalate	19	10/23/92	B07JB3	10.00 U
		Butylbenzylphthalate	19	10/23/92	B07JB3	10.00 U
		Cadmium, filtered	34	7/22/93	B08R40	4.70 U
					B08R44	4.70 U
		Calcium, filtered	34	7/22/93	B08R40	30000.00 Q
					B08R44	30000.00 Q
		Chlorobenzilate	19	10/23/92	B07JB3	10.00 U
		Chromium, filtered	34	7/22/93	B08R40	76.00
					B08R44	5.42 U
		Chrysene	19	10/23/92	B07JB3	10.00 U
		Cobalt, filtered	34	7/22/93	B08R40	4.05 U
					B08R44	4.05 U
		Copper, filtered	34	7/22/93	B08R40	2.65 U
					B08R44	2.65 U
		Di-n-butylphthalate	19	10/23/92	B07JB3	10.00 U
		Di-n-octylphthalate	19	10/23/92	B07JB3	10.00 U
		Diallate	19	10/23/92	B07JB3	10.00 U
		Dibenz[a,h]anthracene	19	10/23/92	B07JB3	10.00 U
		Dibenzofuran	19	10/23/92	B07JB3	10.00 U
		Diethyl phthalate	19	10/23/92	B07JB3	10.00 U
		Dimethoate	19	10/23/92	B07JB3	10.00 U
		Dimethyl phthalate	19	10/23/92	B07JB3	10.00 U
		Diphenylamine	19	10/23/92	B07JB3	10.00 U
		Ethyl methanesulfonate	19	10/23/92	B07JB3	10.00 U
		Famphur	19	10/23/92	B07JB3	10.00 U
		Fluoranthene	19	10/23/92	B07JB3	10.00 U
		Fluorene	19	10/23/92	B07JB3	10.00 U
		Hexachlorobenzene	19	10/23/92	B07JB3	10.00 U
		Hexachlorobutadiene	19	10/23/92	B07JB3	10.00 U
		Hexachlorocyclopentadiene	19	10/23/92	B07JB3	10.00 U
		Hexachloroethane	19	10/23/92	B07JB3	10.00 U
		Hexachlorophene	19	10/23/92	B07JB3	10.00 U
		Hexachloropropene	19	10/23/92	B07JB3	10.00 U
		Indeno(1,2,3-cd)pyrene	19	10/23/92	B07JB3	10.00 U
		Iron, filtered	34	7/22/93	B08R40	370.00
					B08R44	18.00 L

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E26-12	Isodrin	19	10/23/92	B07JB3	10.00 U
		Isophorone	19	10/23/92	B07JB3	10.00 U
		Isosafrole	19	10/23/92	B07JB3	10.00 U
		Kepone	19	10/23/92	B07JB3	10.00 U
		Kerosene	19	10/23/92	B07JB3	10000.00 U
		Magnesium, filtered	34	7/22/93	B08R40	7000.00
					B08R44	6900.00
		Manganese, filtered	34	7/22/93	B08R40	7.90 L
					B08R44	1.35 U
		Methapyrilene	19	10/23/92	B07JB3	10.00 U
		Methyl methanesulfonate	19	10/23/92	B07JB3	10.00 U
		N-Nitroso-di-n-dipropylamine	19	10/23/92	B07JB3	10.00 U
		N-Nitrosodi-n-butylamine	19	10/23/92	B07JB3	10.00 U
		N-Nitrosodiethylamine	19	10/23/92	B07JB3	10.00 U
		N-Nitrosodimethylamine	19	10/23/92	B07JB3	10.00 U
		N-Nitrosodiphenylamine	19	10/23/92	B07JB3	10.00 U
		N-Nitrosomethylethylamine	19	10/23/92	B07JB3	10.00 U
		N-Nitrosomorpholine	19	10/23/92	B07JB3	10.00 U
		N-Nitrosopiperidine	19	10/23/92	B07JB3	10.00 U
		Naphthalene	19	10/23/92	B07JB3	10.00 U
		Nickel, filtered	34	7/22/93	B08R40	47.00
					B08R44	17.90 U
		Nitrobenzene	19	10/23/92	B07JB3	10.00 U
		Nitrosopyrrolidine	19	10/23/92	B07JB3	10.00 U
		O,O,O-Triethyl phosphorothioate	19	10/23/92	B07JB3	10.00 U
		O,O-diethylO-2-pyrazinylphosphor..	19	10/23/92	B07JB3	10.00 U
		Parathion	19	10/23/92	B07JB3	10.00 U
		Pentachlorobenzene	19	10/23/92	B07JB3	10.00 U
		Pentachloronitrobenzene (PCNB)	19	10/23/92	B07JB3	10.00 U
		Pentachlorophenol	19	10/23/92	B07JB3	50.00 U
		Phenacetin	19	10/23/92	B07JB3	10.00 U
		Phenanthrene	19	10/23/92	B07JB3	10.00 U
		Phenol	19	10/23/92	B07JB3	10.00 U
		Potassium, filtered	34	7/22/93	B08R40	3700.00 Q
					B08R44	4100.00 Q
		Pronamide	19	10/23/92	B07JB3	10.00 U
		Pyrene	19	10/23/92	B07JB3	10.00 U
		Safrol	19	10/23/92	B07JB3	10.00 U
		Silver, filtered	34	7/22/93	B08R40	2.87 U
					B08R44	2.87 U
		Sodium, filtered	34	7/22/93	B08R40	8600.00 Q
					B08R44	8500.00 Q
		Tetraethyldithiopyrophosphate	19	10/23/92	B07JB3	10.00 U
		Tin, filtered	34	7/22/93	B08R40	51.10 U
					B08R44	51.10 U
		Tributyl Phosphate	19	10/23/92	B07JB3	10.00 U
		Trichloroethene	19	10/23/92	B07JB3	10.00 U
		Vanadium, filtered	34	7/22/93	B08R40	38.00
					B08R44	39.00
		Zinc, filtered	34	7/22/93	B08R40	8.10 LQ
					B08R44	3.80 LQ
		m-Cresol	19	10/23/92	B07JB3	10.00 U
		m-dinitrobenzene	19	10/23/92	B07JB3	10.00 U
		o-Toluidine	19	10/23/92	B07JB3	10.00 U
		p-Dimethylaminoazobenzene	19	10/23/92	B07JB3	10.00 U
		p-Phenylenediamine	19	10/23/92	B07JB3	10.00 U
		sym-Trinitrobenzene	19	10/23/92	B07JB3	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E26-13	1,2,4,5-Tetrachlorobenzene	19	10/23/92	B07JB5	10.00 U
		1,2,4-Trichlorobenzene	19	10/23/92	B07JB5	10.00 U
		1,2-Dichlorobenzene	19	10/23/92	B07JB5	10.00 U
		1,3-Dichlorobenzene	19	10/23/92	B07JB5	10.00 U
		1,4-Naphtoquinone	19	10/23/92	B07JB5	10.00 U
		1-Naphthylamine	19	10/23/92	B07JB5	10.00 U
		2,3,4,6-Tetrachlorophenol	19	10/23/92	B07JB5	10.00 U
		2,4,5-Trichlorophenol	19	10/23/92	B07JB5	10.00 U
		2,4,6-Trichlorophenol	19	10/23/92	B07JB5	10.00 U
		2,4-Dichlorophenol	19	10/23/92	B07JB5	10.00 U
		2,4-Dimethylphenol	19	10/23/92	B07JB5	10.00 U
		2,4-Dinitrophenol	19	10/23/92	B07JB5	50.00 U
		2,4-Dinitrotoluene	19	10/23/92	B07JB5	10.00 U
		2,6-Dichlorophenol	19	10/23/92	B07JB5	10.00 U
		2,6-Dinitrotoluene	19	10/23/92	B07JB5	10.00 U
		2-Acetylaminofluorene	19	10/23/92	B07JB5	10.00 U
		2-Chloronaphthalene	19	10/23/92	B07JB5	10.00 U
		2-Chlorophenol	19	10/23/92	B07JB5	10.00 U
		2-Methylnaphthalene	19	10/23/92	B07JB5	10.00 U
		2-Methylphenol	19	10/23/92	B07JB5	10.00 U
		2-Naphthylamine	19	10/23/92	B07JB5	10.00 U
		2-Nitroaniline	19	10/23/92	B07JB5	50.00 U
		2-Nitrophenol	19	10/23/92	B07JB5	10.00 U
		3,3'-Dichlorobenzidine	19	10/23/92	B07JB5	20.00 U
		3,3'-Dimethylbenzidine	19	10/23/92	B07JB5	10.00 U
		3-Methylcholanthrene	19	10/23/92	B07JB5	10.00 U
		3-Nitroaniline	19	10/23/92	B07JB5	50.00 U
		4,6-Dinitro-2-methylphenol	19	10/23/92	B07JB5	50.00 U
		4-Aminobiphenyl	19	10/23/92	B07JB5	10.00 U
		4-Bromophenylphenyl ether	19	10/23/92	B07JB5	10.00 U
		4-Chloro-3-methylphenol	19	10/23/92	B07JB5	20.00 U
		4-Chloroaniline	19	10/23/92	B07JB5	20.00 U
		4-Chlorophenylphenyl ether	19	10/23/92	B07JB5	10.00 U
		4-Methylphenol	19	10/23/92	B07JB5	10.00 U
		4-Nitroaniline	19	10/23/92	B07JB5	50.00 U
		4-Nitrophenol	19	10/23/92	B07JB5	50.00 U
		4-Nitroquinoline-1-oxide	19	10/23/92	B07JB5	10.00 U
		5-Nitro-o-toluidine	19	10/23/92	B07JB5	10.00 U
		7,12-Dimethylbenz[a]anthracene	19	10/23/92	B07JB5	10.00 U
		Acenaphthene	19	10/23/92	B07JB5	10.00 U
		Acenaphthylene	19	10/23/92	B07JB5	10.00 U
		Acetophenone	19	10/23/92	B07JB5	10.00 U
		Alpha,alpha-Dimethylphenethylamine	19	10/23/92	B07JB5	10.00 U
		Aniline	19	10/23/92	B07JB5	10.00 U
		Anthracene	19	10/23/92	B07JB5	10.00 U
		Aramite	19	10/23/92	B07JB5	10.00 U
		Benzo(a)anthracene	19	10/23/92	B07JB5	10.00 U
		Benzo(a)pyrene	19	10/23/92	B07JB5	10.00 U
		Benzo(b)fluoranthene	19	10/23/92	B07JB5	10.00 U
		Benzo(ghi)perylene	19	10/23/92	B07JB5	10.00 U
		Benzo(k)fluoranthene	19	10/23/92	B07JB5	10.00 U
		Benzyl alcohol	19	10/23/92	B07JB5	20.00 U
		Bis(2-Choroethoxy)methane	19	10/23/92	B07JB5	10.00 U
		Bis(2-chloroethyl) ether	19	10/23/92	B07JB5	10.00 U
		Bis(2-chloroisopropyl) ether	19	10/23/92	B07JB5	10.00 U
		Bis(2-ethylhexyl) phthalate	19	10/23/92	B07JB5	10.00 U
		Bromide	124	7/23/93	B08R45	52.80 U
		Butylbenzylphthalate	19	10/23/92	B07JB5	10.00 U
		Chloride	124	7/23/93	B08R45	2000.00
		Chlorobenzilate	19	10/23/92	B07JB5	10.00 U
		Chrysene	19	10/23/92	B07JB5	10.00 U
		Di-n-butylphthalate	19	10/23/92	B07JB5	10.00 U
		Di-n-octylphthalate	19	10/23/92	B07JB5	10.00 U
		Diallate	19	10/23/92	B07JB5	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	299-E26-13	Dibenz[a,h]anthracene	19	10/23/92	B07JB5	10.00 U
		Dibenzofuran	19	10/23/92	B07JB5	10.00 U
		Diethyl phthalate	19	10/23/92	B07JB5	10.00 U
		Dimethoate	19	10/23/92	B07JB5	10.00 U
		Dimethyl phthalate	19	10/23/92	B07JB5	10.00 U
		Diphenylamine	19	10/23/92	B07JB5	10.00 U
		Ethyl methanesulfonate	19	10/23/92	B07JB5	10.00 U
		Famphur	19	10/23/92	B07JB5	10.00 U
		Fluoranthene	19	10/23/92	B07JB5	10.00 U
		Fluorene	19	10/23/92	B07JB5	10.00 U
		Fluoride	124	7/23/93	B08R45	400.00 Q
		Hexachlorobenzene	19	10/23/92	B07JB5	10.00 U
		Hexachlorobutadiene	19	10/23/92	B07JB5	10.00 U
		Hexachlorocyclopentadiene	19	10/23/92	B07JB5	10.00 U
		Hexachloroethane	19	10/23/92	B07JB5	10.00 U
		Hexachlorophene	19	10/23/92	B07JB5	10.00 U
		Hexachloropropene	19	10/23/92	B07JB5	10.00 U
		Hydrazine	36	4/08/93	B080B3	1.89 U
		Indeno(1,2,3-cd)pyrene	19	10/23/92	B07JB5	10.00 U
		Isodrin	19	10/23/92	B07JB5	10.00 U
		Isophorone	19	10/23/92	B07JB5	10.00 U
		Isosafrole	19	10/23/92	B07JB5	10.00 U
		Kepone	19	10/23/92	B07JB5	10.00 U
		Kerosene	19	10/23/92	B07JB5	10000.00 U
		Methapyrilene	19	10/23/92	B07JB5	10.00 U
		Methyl methanesulfonate	19	10/23/92	B07JB5	10.00 U
		N-Nitroso-di-n-dipropylamine	19	10/23/92	B07JB5	10.00 U
		N-Nitrosodi-n-butylamine	19	10/23/92	B07JB5	10.00 U
		N-Nitrosodiethylamine	19	10/23/92	B07JB5	10.00 U
		N-Nitrosodimethylamine	19	10/23/92	B07JB5	10.00 U
		N-Nitrosodiphenylamine	19	10/23/92	B07JB5	10.00 U
		N-Nitrosomethylethylamine	19	10/23/92	B07JB5	10.00 U
		N-Nitrosomorpholine	19	10/23/92	B07JB5	10.00 U
		N-Nitrosopiperidine	19	10/23/92	B07JB5	10.00 U
		Naphthalene	19	10/23/92	B07JB5	10.00 U
		Nitrate	124	7/23/93	B08R45	1300.00
		Nitrite	124	7/23/93	B08R45	38.30 U
		Nitrobenzene	19	10/23/92	B07JB5	10.00 U
		Nitrosopyrrolidine	19	10/23/92	B07JB5	10.00 U
		O,O,O-Triethyl phosphorothioate	19	10/23/92	B07JB5	10.00 U
		O,O-diethylO-2-pyrazinylphosphor..	19	10/23/92	B07JB5	10.00 U
		Parathion	19	10/23/92	B07JB5	10.00 U
		Pentachlorobenzene	19	10/23/92	B07JB5	10.00 U
		Pentachloronitrobenzene (PCNB)	19	10/23/92	B07JB5	10.00 U
		Pentachlorophenol	19	10/23/92	B07JB5	50.00 U
		Phenacetin	19	10/23/92	B07JB5	10.00 U
		Phenanthrene	19	10/23/92	B07JB5	10.00 U
		Phenol	19	10/23/92	B07JB5	10.00 U
		Phosphate	124	7/23/93	B08R45	147.00 U
		Pronamide	19	10/23/92	B07JB5	10.00 U
		Pyrene	19	10/23/92	B07JB5	10.00 U
		Safrol	19	10/23/92	B07JB5	10.00 U
		Sulfate	124	7/23/93	B08R45	8200.00
		Tetraethyldithiopyrophosphate	19	10/23/92	B07JB5	10.00 U
		Tributyl Phosphate	19	10/23/92	B07JB5	10.00 U
		Trichloroethene	19	10/23/92	B07JB5	10.00 U
		m-Cresol	19	10/23/92	B07JB5	10.00 U
		m-dinitrobenzene	19	10/23/92	B07JB5	10.00 U
		o-Toluidine	19	10/23/92	B07JB5	10.00 U
		p-Dimethylaminoazobenzene	19	10/23/92	B07JB5	10.00 U
		p-Phenylenediamine	19	10/23/92	B07JB5	10.00 U
		sym-Trinitrobenzene	19	10/23/92	B07JB5	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-29	699-43-43	Bromide	124	4/23/93	B08DB8	52.80 UH
		Chloride	124	4/23/93	B08DB8	2100.00 H
		Fluoride	124	4/23/93	B08DB8	200.00 H
		Nitrate	124	4/23/93	B08DB8	1000.00 H
		Nitrite	124	4/23/93	B08DB8	38.30 UH
		Phosphate	124	4/23/93	B08DB8	147.00 UH
		Selenium	48	10/13/93	B09BK4	1.21 U
					B09BK5	1.21 U
		Sulfate	124	4/23/93	B08DB8	8500.00 H
	699-43-45	Selenium	48	10/13/93	B09BK7	1.21 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-36B	299-E17-5	Specific conductance	73	6/04/93	B08M19	290.00

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-10	299-E17-1	Specific conductance	73	6/04/93	B08LV8	470.00
	299-E17-19	2,4,6-Trichlorophenol	30	6/03/93	B08LW3	1.45 U
		2,4-Dichlorophenol	19	10/20/93	B09BD8	2.80 U
			30	6/03/93	B08LW3	1.50 U
		2,4-Dimethylphenol	30	6/03/93	B08LW3	1.01 U
		2,4-Dinitrophenol	30	6/03/93	B08LW3	.96 U
		2,6-Dichlorophenol	30	6/03/93	B08LW3	1.59 U
		2-Chlorophenol	30	6/03/93	B08LW3	1.42 U
		2-Methylphenol	19	10/20/93	B09BD8	1.80 U
		2-Nitrophenol	19	10/20/93	B09BD8	3.96 U
			30	6/03/93	B08LW3	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	6/03/93	B08LW3	1.35 U
		4,6-Dinitro-2-methylphenol	30	6/03/93	B08LW3	1.18 U
		4-Chloro-3-methylphenol	30	6/03/93	B08LW3	1.12 U
		4-Methylphenol	19	10/20/93	B09BD8	3.54 U
		4-Nitrophenol	30	6/03/93	B08LW3	.65 U
		Benzothiazole	19	10/20/93	B09BD8	2.55 U
		Bis(2-ethylhexyl) phthalate	19	10/20/93	B09BD8	4.07 U
		Cresols (methylphenols)	30	6/03/93	B08LW3	4.66 U
		Decane	19	10/20/93	B09BD8	4.03 U
		Dodecane	19	10/20/93	B09BD8	3.62 U
		Naphthalene	19	10/20/93	B09BD8	6.50 U
		Pentachlorophenol	19	10/20/93	B09BD8	8.07 U
			30	6/03/93	B08LW3	.87 U
		Phenol	19	10/20/93	B09BD8	.83 U
			30	6/03/93	B08LW3	.31 U
		Tetrachlorophenols	30	6/03/93	B08LW3	1.05 U
		Tetradecane	19	10/20/93	B09BD8	2.43 U
		Tributyl Phosphate	19	10/20/93	B09BD8	4.42 U
		Trichloroethene	30	6/03/93	B08LW3	1.11 U
		Tris-2-chloroethyl phosphate	19	10/20/93	B09BD8	2.88 U
		m-Cresol	19	10/20/93	B09BD8	1.44 XU
	299-E24-16	Specific conductance	73	6/04/93	B08LW8	390.00
					B08LW9	390.00
	299-E24-18	2,4,6-Trichlorophenol	30	6/03/93	B08LY3	1.45 U
		2,4-Dichlorophenol	19	10/21/93	B09BG4	2.80 U
			30	6/03/93	B08LY3	1.50 U
		2,4-Dimethylphenol	30	6/03/93	B08LY3	1.01 U
		2,4-Dinitrophenol	30	6/03/93	B08LY3	.96 U
		2,6-Dichlorophenol	30	6/03/93	B08LY3	1.59 U
		2-Chlorophenol	30	6/03/93	B08LY3	1.42 U
		2-Methylphenol	19	10/21/93	B09BG4	1.80 U
		2-Nitrophenol	19	10/21/93	B09BG4	3.96 U
			30	6/03/93	B08LY3	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	6/03/93	B08LY3	1.35 U
		4,6-Dinitro-2-methylphenol	30	6/03/93	B08LY3	1.18 U
		4-Chloro-3-methylphenol	30	6/03/93	B08LY3	1.12 U
		4-Methylphenol	19	10/21/93	B09BG4	3.54 U
		4-Nitrophenol	30	6/03/93	B08LY3	.65 U
		Benzothiazole	19	10/21/93	B09BG4	2.55 U
		Bis(2-ethylhexyl) phthalate	19	10/21/93	B09BG4	4.07 U
		Bromide	124	10/21/93	B09BG4	52.80 U
		Chloride	124	10/21/93	B09BG4	6400.00
		Cresols (methylphenols)	30	6/03/93	B08LY3	4.66 U
		Decane	19	10/21/93	B09BG4	4.03 U
		Dodecane	19	10/21/93	B09BG4	3.62 U
		Fluoride	124	10/21/93	B09BG4	800.00
		Naphthalene	19	10/21/93	B09BG4	6.50 U
		Nitrate	124	10/21/93	B09BG4	18000.00 DH
		Nitrite	124	10/21/93	B09BG4	38.30 UH

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
A-10	299-E24-18	Pentachlorophenol	19	10/21/93	B09BG4	8.07 U
			30	6/03/93	B08LY3	.87 U
		Phenol	19	10/21/93	B09BG4	.83 U
			30	6/03/93	B08LY3	.31 U
		Phosphate	124	10/21/93	B09BG4	147.00 UH
		Sulfate	124	10/21/93	B09BG4	33000.00 D
		Tetrachlorophenols	30	6/03/93	B08LY3	1.05 U
		Tetradecane	19	10/21/93	B09BG4	2.43 U
		Tributyl Phosphate	19	10/21/93	B09BG4	4.42 U
		Trichloroethene	30	6/03/93	B08LY3	1.11 U
		Tris-2-chloroethyl phosphate	19	10/21/93	B09BG4	2.88 U
		m-Cresol	19	10/21/93	B09BG4	1.44 XU
	299-E24-2	2,4-Dichlorophenol	19	10/20/93	B09BG8	2.80 U
		2-Methylphenol	19	10/20/93	B09BG8	1.80 U
		2-Nitrophenol	19	10/20/93	B09BG8	3.96 U
		4-Methylphenol	19	10/20/93	B09BG8	3.54 U
		Benzothiazole	19	10/20/93	B09BG8	2.55 U
		Bis(2-ethylhexyl) phthalate	19	10/20/93	B09BG8	4.07 U
		Decane	19	10/20/93	B09BG8	4.03 U
		Dodecane	19	10/20/93	B09BG8	3.62 U
		Naphthalene	19	10/20/93	B09BG8	6.50 U
		Pentachlorophenol	19	10/20/93	B09BG8	8.07 U
		Phenol	19	10/20/93	B09BG8	.83 U
		Tetradecane	19	10/20/93	B09BG8	2.43 U
		Tributyl Phosphate	19	10/20/93	B09BG8	4.42 U
		Tris-2-chloroethyl phosphate	19	10/20/93	B09BG8	2.88 U
		m-Cresol	19	10/20/93	B09BG8	1.44 XU

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
B-63	299-E27-18	4,4'-DDD	17	9/15/93	B09665	.00 U
		4,4'-DDE	17	9/15/93	B09665	.00 U
		4,4'-DDT	17	9/15/93	B09665	.01 U
		Aldrin	17	9/15/93	B09665	.05 U
		Alpha-BHC	17	9/15/93	B09665	.01 U
		Beta-BHC	17	9/15/93	B09665	.00 U
		Chlordane	17	9/15/93	B09665	.01 U
		Delta-BHC	17	9/15/93	B09665	.00 U
		Dieldrin	17	9/15/93	B09665	.02 U
		Disulfoton	29	6/07/93	B08M83	.12 UX
		Endosulfan I	17	9/15/93	B09665	.00 U
		Endosulfan II	17	9/15/93	B09665	.00 U
		Endosulfan sulfate	17	9/15/93	B09665	.01 U
		Endrin	17	9/15/93	B09665	.01 U
		Endrin Aldehyde	17	9/15/93	B09665	.01 U
		Heptachlor	17	9/15/93	B09665	.00 U
		Heptachlor epoxide	17	9/15/93	B09665	.00 U
		Methoxychlor	17	9/15/93	B09665	.10 U
		Methyl parathion	29	6/07/93	B08M83	.24 U
		Phorate	29	6/07/93	B08M83	.10 U
		Toxaphene	17	9/15/93	B09665	.89 U
		gamma-BHC (Lindane)	17	9/15/93	B09665	.00 U
	299-E27-19	4,4'-DDD	17	9/15/93	B09670	.00 U
		4,4'-DDE	17	9/15/93	B09670	.00 U
		4,4'-DDT	17	9/15/93	B09670	.01 U
		Aldrin	17	9/15/93	B09670	.05 U
		Alpha-BHC	17	9/15/93	B09670	.01 U
		Beta-BHC	17	9/15/93	B09670	.00 U
		Chlordane	17	9/15/93	B09670	.01 U
		Delta-BHC	17	9/15/93	B09670	.00 U
		Dieldrin	17	9/15/93	B09670	.02 U
		Disulfoton	29	6/09/93	B08M88	.12 U
		Endosulfan I	17	9/15/93	B09670	.00 U
		Endosulfan II	17	9/15/93	B09670	.00 U
		Endosulfan sulfate	17	9/15/93	B09670	.01 U
		Endrin	17	9/15/93	B09670	.01 U
		Endrin Aldehyde	17	9/15/93	B09670	.01 U
		Heptachlor	17	9/15/93	B09670	.00 U
		Heptachlor epoxide	17	9/15/93	B09670	.00 U
		Methoxychlor	17	9/15/93	B09670	.10 U
		Methyl parathion	29	6/09/93	B08M88	.24 U
		Phorate	29	6/09/93	B08M88	.10 U
		Toxaphene	17	9/15/93	B09670	.89 U
		gamma-BHC (Lindane)	17	9/15/93	B09670	.00 U
	299-E33-36	2,4,6-Trichlorophenol	30	3/11/93	B08987	1.45 U
		2,4-Dichlorophenol	30	3/11/93	B08987	1.50 U
		2,4-Dimethylphenol	30	3/11/93	B08987	1.01 U
		2,4-Dinitrophenol	30	3/11/93	B08987	.96 U
		2,6-Dichlorophenol	30	3/11/93	B08987	1.59 U
		2-Chlorophenol	30	3/11/93	B08987	1.42 U
		2-Nitrophenol	30	3/11/93	B08987	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/11/93	B08987	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/11/93	B08987	1.18 U
		4-Chloro-3-methylphenol	30	3/11/93	B08987	1.12 U
		4-Nitrophenol	30	3/11/93	B08987	.65 U
		Cresols (methylphenols)	30	3/11/93	B08987	4.66 U
		Pentachlorophenol	30	3/11/93	B08987	.87 U
		Phenol	30	3/11/93	B08987	.31 U
		Tetrachlorophenols	30	3/11/93	B08987	1.05 U
		Trichloroethene	30	3/11/93	B08987	1.11 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
B-63	299-E33-37	Antimony, filtered	34	12/16/92	B07SN9	200.00 U
		Barium, filtered	34	12/16/92	B07SN9	20.00 U
		Beryllium, filtered	34	12/16/92	B07SN9	3.00 U
		Cadmium, filtered	34	12/16/92	B07SN9	10.00 U
		Calcium, filtered	34	12/16/92	B07SN9	100.00 UF
		Chromium, filtered	34	12/16/92	B07SN9	20.00 U
		Cobalt, filtered	34	12/16/92	B07SN9	20.00 U
		Copper, filtered	34	12/16/92	B07SN9	20.00 U
		Iron, filtered	34	12/16/92	B07SN9	20.00 U
		Magnesium, filtered	34	12/16/92	B07SN9	100.00 U
		Manganese, filtered	34	12/16/92	B07SN9	10.00 U
		Nickel, filtered	34	12/16/92	B07SN9	30.00 U
		Potassium, filtered	34	12/16/92	B07SN9	300.00 U
		Silver, filtered	34	12/16/92	B07SN9	20.00 U
		Sodium, filtered	34	12/16/92	B07SN9	300.00 UF
		Tin, filtered	34	12/16/92	B07SN9	100.00 U
		Vanadium, filtered	34	12/16/92	B07SN9	30.00 U
		Zinc, filtered	34	12/16/92	B07SN9	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
S-10	299-W26-10	1,2,4,5-Tetrachlorobenzene	19	12/22/92	B07T69	10.00 U
		1,2,4-Trichlorobenzene	19	12/22/92	B07T69	10.00 U
		1,2-Dichlorobenzene	19	12/22/92	B07T69	10.00 U
		1,3-Dichlorobenzene	19	12/22/92	B07T69	10.00 U
		1,4-Naphtoquinone	19	12/22/92	B07T69	10.00 U
		1-Naphthylamine	19	12/22/92	B07T69	10.00 U
		2,3,4,6-Tetrachlorophenol	19	12/22/92	B07T69	10.00 U
		2,4,5-Trichlorophenol	19	12/22/92	B07T69	10.00 U
		2,4,6-Trichlorophenol	19	12/22/92	B07T69	10.00 U
			30	6/28/93	B08P45	1.45 U
		2,4-Dichlorophenol	19	12/22/92	B07T69	10.00 U
			30	6/28/93	B08P45	1.50 U
		2,4-Dimethylphenol	19	12/22/92	B07T69	10.00 U
			30	6/28/93	B08P45	1.01 U
		2,4-Dinitrophenol	19	12/22/92	B07T69	50.00 U
			30	6/28/93	B08P45	.96 U
		2,4-Dinitrotoluene	19	12/22/92	B07T69	10.00 U
		2,6-Dichlorophenol	19	12/22/92	B07T69	10.00 U
			30	6/28/93	B08P45	1.59 U
		2,6-Dinitrotoluene	19	12/22/92	B07T69	10.00 U
		2-Acetylaminofluorene	19	12/22/92	B07T69	10.00 U
		2-Chloronaphthalene	19	12/22/92	B07T69	10.00 U
		2-Chlorophenol	19	12/22/92	B07T69	10.00 U
			30	6/28/93	B08P45	1.42 U
		2-Methylnaphthalene	19	12/22/92	B07T69	10.00 U
		2-Methylphenol	19	12/22/92	B07T69	10.00 U
		2-Naphthylamine	19	12/22/92	B07T69	10.00 U
		2-Nitroaniline	19	12/22/92	B07T69	50.00 U
		2-Nitrophenol	19	12/22/92	B07T69	10.00 U
			30	6/28/93	B08P45	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	6/28/93	B08P45	1.35 U
		3,3'-Dichlorobenzidine	19	12/22/92	B07T69	20.00 U
		3,3'-Dimethylbenzidine	19	12/22/92	B07T69	10.00 U
		3-Methylcholanthrene	19	12/22/92	B07T69	10.00 U
		3-Nitroaniline	19	12/22/92	B07T69	50.00 U
		4,4'-DDD	17	12/22/92	B07T69	.10 U
		4,4'-DDE	17	12/22/92	B07T69	.05 U
		4,4'-DDT	17	12/22/92	B07T69	.10 U
		4,6-Dinitro-2-methylphenol	19	12/22/92	B07T69	50.00 U
			30	6/28/93	B08P45	1.18 U
		4-Aminobiphenyl	19	12/22/92	B07T69	10.00 U
		4-Bromophenylphenyl ether	19	12/22/92	B07T69	10.00 U
		4-Chloro-3-methylphenol	19	12/22/92	B07T69	20.00 U
			30	6/28/93	B08P45	1.12 U
		4-Chloroaniline	19	12/22/92	B07T69	20.00 U
		4-Chlorophenylphenyl ether	19	12/22/92	B07T69	10.00 U
		4-Methylphenol	19	12/22/92	B07T69	10.00 U
		4-Nitroaniline	19	12/22/92	B07T69	50.00 U
		4-Nitrophenol	19	12/22/92	B07T69	50.00 U
			30	6/28/93	B08P45	.65 U
		4-Nitroquinoline-1-oxide	19	12/22/92	B07T69	10.00 U
		5-Nitro-o-toluidine	19	12/22/92	B07T69	10.00 U
		7,12-Dimethylbenz[a]anthracene	19	12/22/92	B07T69	10.00 U
		Acenaphthene	19	12/22/92	B07T69	10.00 U
		Acenaphthylene	19	12/22/92	B07T69	10.00 U
		Acetophenone	19	12/22/92	B07T69	10.00 U
		Aldrin	17	12/22/92	B07T69	.05 U
		Alpha,alpha-Dimethylphenethylamine	19	12/22/92	B07T69	10.00 U
		Alpha-BHC	17	12/22/92	B07T69	.05 U
		Aniline	19	12/22/92	B07T69	10.00 U
		Anthracene	19	12/22/92	B07T69	10.00 U
		Aramite	19	12/22/92	B07T69	10.00 U
		Aroclor-1016	17	12/22/92	B07T69	1.00 U
		Aroclor-1221	17	12/22/92	B07T69	1.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
S-10	299-2W6-10	Aroclor-1232	17	12/22/92	B07T69	1.00 U
		Aroclor-1242	17	12/22/92	B07T69	1.00 U
		Aroclor-1248	17	12/22/92	B07T69	1.00 U
		Aroclor-1254	17	12/22/92	B07T69	1.00 U
		Aroclor-1260	17	12/22/92	B07T69	1.00 U
		Benzo(a)anthracene	19	12/22/92	B07T69	10.00 U
		Benzo(a)pyrene	19	12/22/92	B07T69	10.00 U
		Benzo(b)fluoranthene	19	12/22/92	B07T69	10.00 U
		Benzo(ghi)perylene	19	12/22/92	B07T69	10.00 U
		Benzo(k)fluoranthene	19	12/22/92	B07T69	10.00 U
		Benzyl alcohol	19	12/22/92	B07T69	20.00 U
		Beta-BHC	17	12/22/92	B07T69	.05 U
		Bis(2-Choroethoxy)methane	19	12/22/92	B07T69	10.00 U
		Bis(2-chloroethyl) ether	19	12/22/92	B07T69	10.00 U
		Bis(2-chloroisopropyl) ether	19	12/22/92	B07T69	10.00 U
		Bis(2-ethylhexyl) phthalate	19	12/22/92	B07T69	10.00 U
		Butylbenzylphthalate	19	12/22/92	B07T69	10.00 U
		Chlordane	17	12/22/92	B07T69	.10 U
		Chlorobenzilate	19	12/22/92	B07T69	10.00 U
		Chrysene	19	12/22/92	B07T69	10.00 U
		Cresols (methylphenols)	30	6/28/93	B08P45	4.66 U
		Delta-BHC	17	12/22/92	B07T69	.10 U
		Di-n-butylphthalate	19	12/22/92	B07T69	10.00 U
		Di-n-octylphthalate	19	12/22/92	B07T69	10.00 U
		Diallate	19	12/22/92	B07T69	10.00 U
		Dibenz[a,h]anthracene	19	12/22/92	B07T69	10.00 U
		Dibenzofuran	19	12/22/92	B07T69	10.00 U
		Dieldrin	17	12/22/92	B07T69	.05 U
		Diethyl phthalate	19	12/22/92	B07T69	10.00 U
		Dimethoate	19	12/22/92	B07T69	10.00 U
		Dimethyl phthalate	19	12/22/92	B07T69	10.00 U
		Diphenylamine	19	12/22/92	B07T69	10.00 U
		Endosulfan I	17	12/22/92	B07T69	.10 U
		Endosulfan II	17	12/22/92	B07T69	.05 U
		Endosulfan sulfate	17	12/22/92	B07T69	.50 U
		Endrin	17	12/22/92	B07T69	.10 U
		Endrin Aldehyde	17	12/22/92	B07T69	.20 U
		Ethyl methanesulfonate	19	12/22/92	B07T69	10.00 U
		Famphur	19	12/22/92	B07T69	10.00 U
		Fluoranthene	19	12/22/92	B07T69	10.00 U
		Fluorene	19	12/22/92	B07T69	10.00 U
		Heptachlor	17	12/22/92	B07T69	.05 U
		Heptachlor epoxide	17	12/22/92	B07T69	1.00 U
		Hexachlorobenzene	19	12/22/92	B07T69	10.00 U
		Hexachlorobutadiene	19	12/22/92	B07T69	10.00 U
		Hexachlorocyclopentadiene	19	12/22/92	B07T69	10.00 U
		Hexachloroethane	19	12/22/92	B07T69	10.00 U
		Hexachlorophene	19	12/22/92	B07T69	10.00 U
		Hexachloropropene	19	12/22/92	B07T69	10.00 U
		Indeno(1,2,3-cd)pyrene	19	12/22/92	B07T69	10.00 U
		Isodrin	19	12/22/92	B07T69	10.00 U
		Isophorone	19	12/22/92	B07T69	10.00 U
		Isosafrole	19	12/22/92	B07T69	10.00 U
		Kepone	19	12/22/92	B07T69	10.00 U
		Kerosene	19	12/22/92	B07T69	10000.00 U
		Methapyrilene	19	12/22/92	B07T69	10.00 U
		Methoxychlor	17	12/22/92	B07T69	2.00 U
		Methyl methanesulfonate	19	12/22/92	B07T69	10.00 U
		N-Nitroso-di-n-dipropylamine	19	12/22/92	B07T69	10.00 U
		N-Nitrosodi-n-butylamine	19	12/22/92	B07T69	10.00 U
		N-Nitrosodiethylamine	19	12/22/92	B07T69	10.00 U
		N-Nitrosodimethylamine	19	12/22/92	B07T69	10.00 U
		N-Nitrosodiphenylamine	19	12/22/92	B07T69	10.00 U
		N-Nitrosomethylethylamine	19	12/22/92	B07T69	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
S-10	299-W26-10	N-Nitrosomorpholine	19	12/22/92	B07T69	10.00 U
		N-Nitrosopiperidine	19	12/22/92	B07T69	10.00 U
		Naphthalene	19	12/22/92	B07T69	10.00 U
		Nitrobenzene	19	12/22/92	B07T69	10.00 U
		Nitrosopyrrolidine	19	12/22/92	B07T69	10.00 U
		O,O,O-Triethyl phosphorothioate	19	12/22/92	B07T69	10.00 U
		O,O-diethylO-2-pyrazinylphosphor..	19	12/22/92	B07T69	10.00 U
		Parathion	19	12/22/92	B07T69	10.00 U
		Pentachlorobenzene	19	12/22/92	B07T69	10.00 U
		Pentachloronitrobenzene (PCNB)	19	12/22/92	B07T69	10.00 U
		Pentachlorophenol	19	12/22/92	B07T69	50.00 U
			30	6/28/93	B08P45	.87 U
		Phenacetin	19	12/22/92	B07T69	10.00 U
		Phenanthrene	19	12/22/92	B07T69	10.00 U
		Phenol	19	12/22/92	B07T69	10.00 U
			30	6/28/93	B08P45	.31 U
		Pronamide	19	12/22/92	B07T69	10.00 U
		Pyrene	19	12/22/92	B07T69	10.00 U
		Safrol	19	12/22/92	B07T69	10.00 U
		Tetrachlorophenols	30	6/28/93	B08P45	1.05 U
		Tetraethyldithiopyrophosphate	19	12/22/92	B07T69	10.00 U
		Toxaphene	17	12/22/92	B07T69	2.00 U
		Tributyl Phosphate	19	12/22/92	B07T69	10.00 U
		Trichloroethene	19	12/22/92	B07T69	10.00 U
			30	6/28/93	B08P45	1.11 U
		gamma-BHC (Lindane)	17	12/22/92	B07T69	.05 U
		m-Cresol	19	12/22/92	B07T69	10.00 U
		m-dinitrobenzene	19	12/22/92	B07T69	10.00 U
		o-Toluidine	19	12/22/92	B07T69	10.00 U
		p-Dimethylaminoazobenzene	19	12/22/92	B07T69	10.00 U
		p-Phenylenediamine	19	12/22/92	B07T69	10.00 U
		sym-Trinitrobenzene	19	12/22/92	B07T69	10.00 U
	299-W26-12	2,4,6-Trichlorophenol	30	12/17/93	B09P00	1.45 U
		2,4-Dichlorophenol	30	12/17/93	B09P00	1.50 U
		2,4-Dimethylphenol	30	12/17/93	B09P00	1.01 U
		2,4-Dinitrophenol	30	12/17/93	B09P00	.96 U
		2,6-Dichlorophenol	30	12/17/93	B09P00	1.59 U
		2-Chlorophenol	30	12/17/93	B09P00	1.42 U
		2-Nitrophenol	30	12/17/93	B09P00	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	12/17/93	B09P00	1.35 U
		4,6-Dinitro-2-methylphenol	30	12/17/93	B09P00	1.18 U
		4-Chloro-3-methylphenol	30	12/17/93	B09P00	1.12 U
		4-Nitrophenol	30	12/17/93	B09P00	.65 U
		Cresols (methylphenols)	30	12/17/93	B09P00	4.66 U
		Pentachlorophenol	30	12/17/93	B09P00	.87 U
		Phenol	30	12/17/93	B09P00	.40 L
		Tetrachlorophenols	30	12/17/93	B09P00	1.05 U
		Trichloroethene	30	12/17/93	B09P00	1.11 U
	299-W26-7	2,4,6-Trichlorophenol	30	6/28/93	B08P55	1.45 U
		2,4-Dichlorophenol	30	6/28/93	B08P55	1.50 U
		2,4-Dimethylphenol	30	6/28/93	B08P55	1.01 U
		2,4-Dinitrophenol	30	6/28/93	B08P55	.96 U
		2,6-Dichlorophenol	30	6/28/93	B08P55	1.59 U
		2-Chlorophenol	30	6/28/93	B08P55	1.42 U
		2-Nitrophenol	30	6/28/93	B08P55	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	6/28/93	B08P55	1.35 U
		4,6-Dinitro-2-methylphenol	30	6/28/93	B08P55	1.18 U
		4-Chloro-3-methylphenol	30	6/28/93	B08P55	1.12 U
		4-Nitrophenol	30	6/28/93	B08P55	.65 U
		Cresols (methylphenols)	30	6/28/93	B08P55	4.66 U
		Pentachlorophenol	30	6/28/93	B08P55	.87 U
		Phenol	30	6/28/93	B08P55	.31 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
S-10	299-W26-7	Tetrachlorophenols	30	6/28/93	B08P55	1.05 U
		Trichloroethene	30	6/28/93	B08P55	1.11 U
	299-W26-8	1,2,4,5-Tetrachlorobenzene	19	12/22/92	B07TC9	10.00 U
		1,2,4-Trichlorobenzene	19	12/22/92	B07TC9	10.00 U
		1,2-Dichlorobenzene	19	12/22/92	B07TC9	10.00 U
		1,3-Dichlorobenzene	19	12/22/92	B07TC9	10.00 U
		1,4-Naphtoquinone	19	12/22/92	B07TC9	10.00 U
		1-Naphthylamine	19	12/22/92	B07TC9	10.00 U
		2,3,4,6-Tetrachlorophenol	19	12/22/92	B07TC9	10.00 U
		2,4,5-Trichlorophenol	19	12/22/92	B07TC9	10.00 U
		2,4,6-Trichlorophenol	19	12/22/92	B07TC9	10.00 U
			30	6/28/93	B08P60	1.45 U
		2,4-Dichlorophenol	19	12/22/92	B07TC9	10.00 U
			30	6/28/93	B08P60	1.50 U
		2,4-Dimethylphenol	19	12/22/92	B07TC9	10.00 U
			30	6/28/93	B08P60	1.01 U
		2,4-Dinitrophenol	19	12/22/92	B07TC9	50.00 U
			30	6/28/93	B08P60	.96 U
		2,4-Dinitrotoluene	19	12/22/92	B07TC9	10.00 U
		2,6-Dichlorophenol	19	12/22/92	B07TC9	10.00 U
			30	6/28/93	B08P60	1.59 U
		2,6-Dinitrotoluene	19	12/22/92	B07TC9	10.00 U
		2-Acetylaminofluorene	19	12/22/92	B07TC9	10.00 U
		2-Chloronaphthalene	19	12/22/92	B07TC9	10.00 U
		2-Chlorophenol	19	12/22/92	B07TC9	10.00 U
			30	6/28/93	B08P60	1.42 U
		2-Methylnaphthalene	19	12/22/92	B07TC9	10.00 U
		2-Methylphenol	19	12/22/92	B07TC9	10.00 U
		2-Naphthylamine	19	12/22/92	B07TC9	10.00 U
		2-Nitroaniline	19	12/22/92	B07TC9	50.00 U
		2-Nitrophenol	19	12/22/92	B07TC9	10.00 U
			30	6/28/93	B08P60	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	6/28/93	B08P60	1.35 U
		3,3'-Dichlorobenzidine	19	12/22/92	B07TC9	20.00 U
		3,3'-Dimethylbenzidine	19	12/22/92	B07TC9	10.00 U
		3-Methylcholanthrene	19	12/22/92	B07TC9	10.00 U
		3-Nitroaniline	19	12/22/92	B07TC9	50.00 U
		4,4'-DDD	17	12/22/92	B07TC9	.10 U
		4,4'-DDE	17	12/22/92	B07TC9	.05 U
		4,4'-DDT	17	12/22/92	B07TC9	.10 U
		4,6-Dinitro-2-methylphenol	19	12/22/92	B07TC9	50.00 U
			30	6/28/93	B08P60	1.18 U
		4-Aminobiphenyl	19	12/22/92	B07TC9	10.00 U
		4-Bromophenylphenyl ether	19	12/22/92	B07TC9	10.00 U
		4-Chloro-3-methylphenol	19	12/22/92	B07TC9	20.00 U
			30	6/28/93	B08P60	1.12 U
		4-Chloroaniline	19	12/22/92	B07TC9	20.00 U
		4-Chlorophenylphenyl ether	19	12/22/92	B07TC9	10.00 U
		4-Methylphenol	19	12/22/92	B07TC9	10.00 U
		4-Nitroaniline	19	12/22/92	B07TC9	50.00 U
		4-Nitrophenol	19	12/22/92	B07TC9	50.00 U
			30	6/28/93	B08P60	.65 U
		4-Nitroquinoline-1-oxide	19	12/22/92	B07TC9	10.00 U
		5-Nitro-o-toluidine	19	12/22/92	B07TC9	10.00 U
		7,12-Dimethylbenz[a]anthracene	19	12/22/92	B07TC9	10.00 U
		Acenaphthene	19	12/22/92	B07TC9	10.00 U
		Acenaphthylene	19	12/22/92	B07TC9	10.00 U
		Acetophenone	19	12/22/92	B07TC9	10.00 U
		Aldrin	17	12/22/92	B07TC9	.05 U
		Alpha,alpha-Dimethylphenethylamine	19	12/22/92	B07TC9	10.00 U
		Alpha-BHC	17	12/22/92	B07TC9	.05 U
		Aniline	19	12/22/92	B07TC9	10.00 U
		Anthracene	19	12/22/92	B07TC9	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
S-10	299-W26-8	Aramite	19	12/22/92	B07TC9	10.00 U
		Aroclor-1016	17	12/22/92	B07TC9	1.00 U
		Aroclor-1221	17	12/22/92	B07TC9	1.00 U
		Aroclor-1232	17	12/22/92	B07TC9	1.00 U
		Aroclor-1242	17	12/22/92	B07TC9	1.00 U
		Aroclor-1248	17	12/22/92	B07TC9	1.00 U
		Aroclor-1254	17	12/22/92	B07TC9	1.00 U
		Aroclor-1260	17	12/22/92	B07TC9	1.00 U
		Benzo(a)anthracene	19	12/22/92	B07TC9	10.00 U
		Benzo(a)pyrene	19	12/22/92	B07TC9	10.00 U
		Benzo(b)fluoranthene	19	12/22/92	B07TC9	10.00 U
		Benzo(ghi)perylene	19	12/22/92	B07TC9	10.00 U
		Benzo(k)fluoranthene	19	12/22/92	B07TC9	10.00 U
		Benzyl alcohol	19	12/22/92	B07TC9	20.00 U
		Beta-BHC	17	12/22/92	B07TC9	.05 U
		Bis(2-Choroethoxy)methane	19	12/22/92	B07TC9	10.00 U
		Bis(2-chloroethyl) ether	19	12/22/92	B07TC9	10.00 U
		Bis(2-chloroisopropyl) ether	19	12/22/92	B07TC9	10.00 U
		Bis(2-ethylhexyl) phthalate	19	12/22/92	B07TC9	10.00 U
		Butylbenzylphthalate	19	12/22/92	B07TC9	10.00 U
		Chlordane	17	12/22/92	B07TC9	.10 U
		Chlorobenzilate	19	12/22/92	B07TC9	10.00 U
		Chrysene	19	12/22/92	B07TC9	10.00 U
		Cresols (methylphenols)	30	6/28/93	B08P60	4.66 U
		Delta-BHC	17	12/22/92	B07TC9	.10 U
		Di-n-butylphthalate	19	12/22/92	B07TC9	10.00 U
		Di-n-octylphthalate	19	12/22/92	B07TC9	10.00 U
		Diallate	19	12/22/92	B07TC9	10.00 U
		Dibenz[a,h]anthracene	19	12/22/92	B07TC9	10.00 U
		Dibenzofuran	19	12/22/92	B07TC9	10.00 U
		Dieldrin	17	12/22/92	B07TC9	.05 U
		Diethyl phthalate	19	12/22/92	B07TC9	10.00 U
		Dimethoate	19	12/22/92	B07TC9	10.00 U
		Dimethyl phthalate	19	12/22/92	B07TC9	10.00 U
		Diphenylamine	19	12/22/92	B07TC9	10.00 U
		Endosulfan I	17	12/22/92	B07TC9	.10 U
		Endosulfan II	17	12/22/92	B07TC9	.05 U
		Endosulfan sulfate	17	12/22/92	B07TC9	.50 U
		Endrin	17	12/22/92	B07TC9	.10 U
		Endrin Aldehyde	17	12/22/92	B07TC9	.20 U
		Ethyl methanesulfonate	19	12/22/92	B07TC9	10.00 U
		Famphur	19	12/22/92	B07TC9	10.00 U
		Fluoranthene	19	12/22/92	B07TC9	10.00 U
		Fluorene	19	12/22/92	B07TC9	10.00 U
		Heptachlor	17	12/22/92	B07TC9	.05 U
		Heptachlor epoxide	17	12/22/92	B07TC9	1.00 U
		Hexachlorobenzene	19	12/22/92	B07TC9	10.00 U
		Hexachlorobutadiene	19	12/22/92	B07TC9	10.00 U
		Hexachlorocyclopentadiene	19	12/22/92	B07TC9	10.00 U
		Hexachloroethane	19	12/22/92	B07TC9	10.00 U
		Hexachlorophene	19	12/22/92	B07TC9	10.00 U
		Hexachloropropene	19	12/22/92	B07TC9	10.00 U
		Indeno(1,2,3-cd)pyrene	19	12/22/92	B07TC9	10.00 U
		Isodrin	19	12/22/92	B07TC9	10.00 U
		Isophorone	19	12/22/92	B07TC9	10.00 U
		Isosafrole	19	12/22/92	B07TC9	10.00 U
		Kepone	19	12/22/92	B07TC9	10.00 U
		Kerosene	19	12/22/92	B07TC9	10000.00 U
		Methapyrilene	19	12/22/92	B07TC9	10.00 U
		Methoxychlor	17	12/22/92	B07TC9	2.00 U
		Methyl methanesulfonate	19	12/22/92	B07TC9	10.00 U
		N-Nitroso-di-n-dipropylamine	19	12/22/92	B07TC9	10.00 U
		N-Nitrosodi-n-butylamine	19	12/22/92	B07TC9	10.00 U
		N-Nitrosodiethylamine	19	12/22/92	B07TC9	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
S-10	299-W26-8	N-Nitrosodimethylamine	19	12/22/92	B07TC9	10.00 U
		N-Nitrosodiphenylamine	19	12/22/92	B07TC9	10.00 U
		N-Nitrosomethylethylamine	19	12/22/92	B07TC9	10.00 U
		N-Nitrosomorpholine	19	12/22/92	B07TC9	10.00 U
		N-Nitrosopiperidine	19	12/22/92	B07TC9	10.00 U
		Naphthalene	19	12/22/92	B07TC9	10.00 U
		Nitrobenzene	19	12/22/92	B07TC9	10.00 U
		Nitrosopyrrolidine	19	12/22/92	B07TC9	10.00 U
		O,O,O-Triethyl phosphorothioate	19	12/22/92	B07TC9	10.00 U
		O,O-diethylO-2-pyrazinylphosphor..	19	12/22/92	B07TC9	10.00 U
		Parathion	19	12/22/92	B07TC9	10.00 U
		Pentachlorobenzene	19	12/22/92	B07TC9	10.00 U
		Pentachloronitrobenzene (PCNB)	19	12/22/92	B07TC9	10.00 U
		Pentachlorophenol	19	12/22/92	B07TC9	50.00 U
			30	6/28/93	B08P60	.87 U
		Phenacetin	19	12/22/92	B07TC9	10.00 U
		Phenanthrene	19	12/22/92	B07TC9	10.00 U
		Phenol	19	12/22/92	B07TC9	10.00 U
			30	6/28/93	B08P60	.31 U
		Pronamide	19	12/22/92	B07TC9	10.00 U
		Pyrene	19	12/22/92	B07TC9	10.00 U
		Safrol	19	12/22/92	B07TC9	10.00 U
		Tetrachlorophenols	30	6/28/93	B08P60	1.05 U
		Tetraethyldithiopyrophosphate	19	12/22/92	B07TC9	10.00 U
		Toxaphene	17	12/22/92	B07TC9	2.00 U
		Tributyl Phosphate	19	12/22/92	B07TC9	10.00 U
		Trichloroethene	19	12/22/92	B07TC9	10.00 U
			30	6/28/93	B08P60	1.11 U
		gamma-BHC (Lindane)	17	12/22/92	B07TC9	.05 U
		m-Cresol	19	12/22/92	B07TC9	10.00 U
		m-dinitrobenzene	19	12/22/92	B07TC9	10.00 U
		o-Toluidine	19	12/22/92	B07TC9	10.00 U
		p-Dimethylaminoazobenzene	19	12/22/92	B07TC9	10.00 U
		p-Phenylenediamine	19	12/22/92	B07TC9	10.00 U
		sym-Trinitrobenzene	19	12/22/92	B07TC9	10.00 U
	299-W26-9	1,2,4,5-Tetrachlorobenzene	19	12/28/92	B07T79	10.00 U
		1,2,4-Trichlorobenzene	19	12/28/92	B07T79	10.00 U
		1,2-Dichlorobenzene	19	12/28/92	B07T79	10.00 U
		1,3-Dichlorobenzene	19	12/28/92	B07T79	10.00 U
		1,4-Naphtoquinone	19	12/28/92	B07T79	10.00 U
		1-Naphthylamine	19	12/28/92	B07T79	10.00 U
		2,3,4,6-Tetrachlorophenol	19	12/28/92	B07T79	10.00 U
		2,4,5-Trichlorophenol	19	12/28/92	B07T79	10.00 U
		2,4,6-Trichlorophenol	19	12/28/92	B07T79	10.00 U
			30	6/28/93	B08P65	1.45 U
				12/17/93	B09P15	1.45 U
		2,4-Dichlorophenol	19	12/28/92	B07T79	10.00 U
			30	6/28/93	B08P65	1.50 U
				12/17/93	B09P15	1.50 U
		2,4-Dimethylphenol	19	12/28/92	B07T79	10.00 U
			30	6/28/93	B08P65	1.01 U
				12/17/93	B09P15	1.01 U
		2,4-Dinitrophenol	19	12/28/92	B07T79	50.00 U
			30	6/28/93	B08P65	.96 U
				12/17/93	B09P15	.96 U
		2,4-Dinitrotoluene	19	12/28/92	B07T79	10.00 U
		2,6-Dichlorophenol	19	12/28/92	B07T79	10.00 U
			30	6/28/93	B08P65	1.59 U
				12/17/93	B09P15	1.59 U
		2,6-Dinitrotoluene	19	12/28/92	B07T79	10.00 U
		2-Acetylaminofluorene	19	12/28/92	B07T79	10.00 U
		2-Chloronaphthalene	19	12/28/92	B07T79	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
S-10	299-W26-9	2-Chlorophenol	19	12/28/92	B07T79	10.00 U
			30	6/28/93	B08P65	1.42 U
				12/17/93	B09P15	1.42 U
		2-Methylnaphthalene	19	12/28/92	B07T79	10.00 U
		2-Methylphenol	19	12/28/92	B07T79	10.00 U
		2-Naphthylamine	19	12/28/92	B07T79	10.00 U
		2-Nitroaniline	19	12/28/92	B07T79	50.00 U
		2-Nitrophenol	19	12/28/92	B07T79	10.00 U
			30	6/28/93	B08P65	1.56 U
				12/17/93	B09P15	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	6/28/93	B08P65	1.35 U
				12/17/93	B09P15	1.35 U
		3,3'-Dichlorobenzidine	19	12/28/92	B07T79	20.00 U
		3,3'-Dimethylbenzidine	19	12/28/92	B07T79	10.00 U
		3-Methylcholanthrene	19	12/28/92	B07T79	10.00 U
		3-Nitroaniline	19	12/28/92	B07T79	50.00 U
		4,6-Dinitro-2-methylphenol	19	12/28/92	B07T79	50.00 U
			30	6/28/93	B08P65	1.18 U
				12/17/93	B09P15	1.18 U
		4-Aminobiphenyl	19	12/28/92	B07T79	10.00 U
		4-Bromophenylphenyl ether	19	12/28/92	B07T79	10.00 U
		4-Chloro-3-methylphenol	19	12/28/92	B07T79	20.00 U
			30	6/28/93	B08P65	1.12 U
				12/17/93	B09P15	1.12 U
		4-Chloroaniline	19	12/28/92	B07T79	20.00 U
		4-Chlorophenylphenyl ether	19	12/28/92	B07T79	10.00 U
		4-Methylphenol	19	12/28/92	B07T79	10.00 U
		4-Nitroaniline	19	12/28/92	B07T79	50.00 U
		4-Nitrophenol	19	12/28/92	B07T79	50.00 U
			30	6/28/93	B08P65	.65 U
				12/17/93	B09P15	.65 U
		4-Nitroquinoline-1-oxide	19	12/28/92	B07T79	10.00 U
		5-Nitro-o-toluidine	19	12/28/92	B07T79	10.00 U
		7,12-Dimethylbenz[a]anthracene	19	12/28/92	B07T79	10.00 U
		Acenaphthene	19	12/28/92	B07T79	10.00 U
		Acenaphthylene	19	12/28/92	B07T79	10.00 U
		Acetophenone	19	12/28/92	B07T79	10.00 U
		Alpha,alpha-Dimethylphenethylamine	19	12/28/92	B07T79	10.00 U
		Aniline	19	12/28/92	B07T79	10.00 U
		Anthracene	19	12/28/92	B07T79	10.00 U
		Aramite	19	12/28/92	B07T79	10.00 U
		Benzo(a)anthracene	19	12/28/92	B07T79	10.00 U
		Benzo(a)pyrene	19	12/28/92	B07T79	10.00 U
		Benzo(b)fluoranthene	19	12/28/92	B07T79	10.00 U
		Benzo(ghi)perylene	19	12/28/92	B07T79	10.00 U
		Benzo(k)fluoranthene	19	12/28/92	B07T79	10.00 U
		Benzyl alcohol	19	12/28/92	B07T79	20.00 U
		Bis(2-Choroethoxy)methane	19	12/28/92	B07T79	10.00 U
		Bis(2-chloroethyl) ether	19	12/28/92	B07T79	10.00 U
		Bis(2-chloroisopropyl) ether	19	12/28/92	B07T79	10.00 U
		Bis(2-ethylhexyl) phthalate	19	12/28/92	B07T79	10.00 U
		Butylbenzylphthalate	19	12/28/92	B07T79	10.00 U
		Chlorobenzilate	19	12/28/92	B07T79	10.00 U
		Chrysene	19	12/28/92	B07T79	10.00 U
		Cresols (methylphenols)	30	6/28/93	B08P65	4.66 U
				12/17/93	B09P15	4.66 U
		Di-n-butylphthalate	19	12/28/92	B07T79	10.00 U
		Di-n-octylphthalate	19	12/28/92	B07T79	10.00 U
		Diallate	19	12/28/92	B07T79	10.00 U
		Dibenz[a,h]anthracene	19	12/28/92	B07T79	10.00 U
		Dibenzofuran	19	12/28/92	B07T79	10.00 U
		Diethyl phthalate	19	12/28/92	B07T79	10.00 U
		Dimethoate	19	12/28/92	B07T79	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
S-10	299-W26-9	Dimethyl phthalate	19	12/28/92	B07T79	10.00 U
		Diphenylamine	19	12/28/92	B07T79	10.00 U
		Ethyl methanesulfonate	19	12/28/92	B07T79	10.00 U
		Famphur	19	12/28/92	B07T79	10.00 U
		Fluoranthene	19	12/28/92	B07T79	10.00 U
		Fluorene	19	12/28/92	B07T79	10.00 U
		Hexachlorobenzene	19	12/28/92	B07T79	10.00 U
		Hexachlorobutadiene	19	12/28/92	B07T79	10.00 U
		Hexachlorocyclopentadiene	19	12/28/92	B07T79	10.00 U
		Hexachloroethane	19	12/28/92	B07T79	10.00 U
		Hexachlorophene	19	12/28/92	B07T79	10.00 U
		Hexachloropropene	19	12/28/92	B07T79	10.00 U
		Indeno(1,2,3-cd)pyrene	19	12/28/92	B07T79	10.00 U
		Isodrin	19	12/28/92	B07T79	10.00 U
		Isophorone	19	12/28/92	B07T79	10.00 U
		Isosafrole	19	12/28/92	B07T79	10.00 U
		Kepone	19	12/28/92	B07T79	10.00 U
		Kerosene	19	12/28/92	B07T79	10000.00 U
		Methapyrilene	19	12/28/92	B07T79	10.00 U
		Methyl methanesulfonate	19	12/28/92	B07T79	10.00 U
		N-Nitroso-di-n-dipropylamine	19	12/28/92	B07T79	10.00 U
		N-Nitrosodi-n-butylamine	19	12/28/92	B07T79	10.00 U
		N-Nitrosodiethylamine	19	12/28/92	B07T79	10.00 U
		N-Nitrosodimethylamine	19	12/28/92	B07T79	10.00 U
		N-Nitrosodiphenylamine	19	12/28/92	B07T79	10.00 U
		N-Nitrosomethylethylamine	19	12/28/92	B07T79	10.00 U
		N-Nitrosomorpholine	19	12/28/92	B07T79	10.00 U
		N-Nitrosopiperidine	19	12/28/92	B07T79	10.00 U
		Naphthalene	19	12/28/92	B07T79	10.00 U
		Nitrobenzene	19	12/28/92	B07T79	10.00 U
		Nitrosopyrrolidine	19	12/28/92	B07T79	10.00 U
		O,O,O-Triethyl phosphorothioate	19	12/28/92	B07T79	10.00 U
		O,O-diethylO-2-pyrazinylphosphor..	19	12/28/92	B07T79	10.00 U
		Parathion	19	12/28/92	B07T79	10.00 U
		Pentachlorobenzene	19	12/28/92	B07T79	10.00 U
		Pentachloronitrobenzene (PCNB)	19	12/28/92	B07T79	10.00 U
		Pentachlorophenol	19	12/28/92	B07T79	50.00 U
			30	6/28/93	B08P65	.87 U
				12/17/93	B09P15	.87 U
		Phenacetin	19	12/28/92	B07T79	10.00 U
		Phenanthrene	19	12/28/92	B07T79	10.00 U
		Phenol	19	12/28/92	B07T79	10.00 U
			30	6/28/93	B08P65	.31 U
				12/17/93	B09P15	.31 U
		Pronamide	19	12/28/92	B07T79	10.00 U
		Pyrene	19	12/28/92	B07T79	10.00 U
		Safrol	19	12/28/92	B07T79	10.00 U
		Tetrachlorophenols	30	6/28/93	B08P65	1.05 U
				12/17/93	B09P15	1.05 U
		Tetraethyldithiopyrophosphate	19	12/28/92	B07T79	10.00 U
		Tributyl Phosphate	19	12/28/92	B07T79	10.00 U
		Trichloroethene	19	12/28/92	B07T79	10.00 U
			30	6/28/93	B08P65	1.11 U
				12/17/93	B09P15	1.11 U
		m-Cresol	19	12/28/92	B07T79	10.00 U
		m-dinitrobenzene	19	12/28/92	B07T79	10.00 U
		o-Toluidine	19	12/28/92	B07T79	10.00 U
		p-Dimethylaminoazobenzene	19	12/28/92	B07T79	10.00 U
		p-Phenylenediamine	19	12/28/92	B07T79	10.00 U
		sym-Trinitrobenzene	19	12/28/92	B07T79	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
S-10	299-W27-2	2,4,5-T	49	9/27/93	B096Y0	.38 UH
		2,4,5-TP	49	9/27/93	B096Y0	.41 UH
		2,4-D	49	9/27/93	B096Y0	.19 UH
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	9/27/93	B096Y0	.27 UH

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
U-12	299-W22-23	Aluminum, filtered	34	9/30/93	B09622	3700.00
					B09623	32.50 U
		Antimony, filtered	34	9/30/93	B09622	69.40 U
					B09623	69.40 U
		Barium, filtered	34	9/30/93	B09622	44.00
					B09623	27.00
		Beryllium, filtered	34	9/30/93	B09622	.81 U
					B09623	.81 U
		Bromide	124	9/30/93	B09622	52.80 U
		Cadmium, filtered	34	9/30/93	B09622	4.70 U
					B09623	4.70 U
		Calcium, filtered	34	9/30/93	B09622	18000.00
					B09623	17000.00
		Chloride	124	9/30/93	B09622	18000.00 D
		Chromium, filtered	34	9/30/93	B09622	1500.00
					B09623	5.42 U
		Cobalt, filtered	34	9/30/93	B09622	20.00 L
					B09623	4.05 U
		Copper, filtered	34	9/30/93	B09622	72.00
					B09623	4.60 L
		Fluoride	124	9/30/93	B09622	1000.00
		Iron, filtered	34	9/30/93	B09622	21000.00
					B09623	53.00
		Magnesium, filtered	34	9/30/93	B09622	8900.00
					B09623	7700.00
		Manganese, filtered	34	9/30/93	B09622	1200.00
					B09623	840.00
		Nickel, filtered	34	9/30/93	B09622	700.00
					B09623	17.90 U
		Nitrate	124	9/30/93	B09622	1600.00
		Nitrite	124	9/30/93	B09622	38.30 U
		Phosphate	124	9/30/93	B09622	147.00 U
		Potassium, filtered	34	9/30/93	B09622	2700.00
					B09623	2600.00
		Silver, filtered	34	9/30/93	B09622	2.87 U
					B09623	2.87 U
		Sodium, filtered	34	9/30/93	B09622	36000.00
					B09623	35000.00
		Sulfate	124	9/30/93	B09622	16000.00 D
		Tin, filtered	34	9/30/93	B09622	51.10 U
					B09623	51.10 U
		Vanadium, filtered	34	9/30/93	B09622	3.84 U
					B09623	3.84 U
		Zinc, filtered	34	9/30/93	B09622	25.00
					B09623	5.50 L
	299-W22-40	Aluminum, filtered	34	9/20/93	B09624	56.00 L
					B09628	96.00 L
		Antimony, filtered	34	9/20/93	B09624	69.40 U
					B09628	69.40 U
		Barium, filtered	34	9/20/93	B09624	37.00
					B09628	36.00
		Beryllium, filtered	34	9/20/93	B09624	.81 U
					B09628	.81 U
		Bromide	124	3/23/93	B08B96	52.80 UH
		Cadmium, filtered	34	9/20/93	B09624	4.70 U
					B09628	4.70 U
		Calcium, filtered	34	9/20/93	B09624	37000.00
					B09628	36000.00
		Chloride	124	3/23/93	B08B96	21000.00 H
		Chromium, filtered	34	9/20/93	B09624	13.00 L
					B09628	5.42 U
		Cobalt, filtered	34	9/20/93	B09624	4.05 U
					B09628	4.05 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
U-12	299-W22-40	Copper, filtered	34	9/20/93	B096Z4	2.65 U
					B096Z8	2.65 U
		Fluoride	124	3/23/93	B08B96	500.00 H
		Iron, filtered	34	9/20/93	B096Z4	190.00
					B096Z8	34.00
		Magnesium, filtered	34	9/20/93	B096Z4	13000.00
					B096Z8	12000.00
		Manganese, filtered	34	9/20/93	B096Z4	9.70 L
					B096Z8	4.10 L
		Nickel, filtered	34	9/20/93	B096Z4	29.00 L
					B096Z8	17.90 U
		Nitrate	124	3/23/93	B08B96	26000.00 H
		Nitrite	124	3/23/93	B08B96	38.30 UH
		Phosphate	124	3/23/93	B08B96	147.00 UH
		Potassium, filtered	34	9/20/93	B096Z4	4100.00
					B096Z8	4400.00
		Silver, filtered	34	9/20/93	B096Z4	2.87 U
					B096Z8	2.87 U
		Sodium, filtered	34	9/20/93	B096Z4	21000.00
					B096Z8	21000.00
		Sulfate	124	3/23/93	B08B96	32000.00 H
		Tin, filtered	34	9/20/93	B096Z4	51.10 U
					B096Z8	51.10 U
		Vanadium, filtered	34	9/20/93	B096Z4	36.00
					B096Z8	31.00
		Zinc, filtered	34	9/20/93	B096Z4	31.00
					B096Z8	3.30 L
	299-W22-41	Aluminum, filtered	34	9/20/93	B096Z9	76.00 L
					B09703	32.50 U
		Antimony, filtered	34	9/20/93	B096Z9	69.40 U
					B09703	69.40 U
		Barium, filtered	34	9/20/93	B096Z9	62.00
					B09703	63.00
		Beryllium, filtered	34	9/20/93	B096Z9	.81 U
					B09703	.81 U
		Bromide	124	3/23/93	B08BB1	52.80 UH
		Cadmium, filtered	34	9/20/93	B096Z9	4.70 U
					B09703	4.70 U
		Calcium, filtered	34	9/20/93	B096Z9	75000.00
					B09703	76000.00
		Chloride	124	3/23/93	B08BB1	18000.00 H
		Chromium, filtered	34	9/20/93	B096Z9	11.00 L
					B09703	5.42 U
		Cobalt, filtered	34	9/20/93	B096Z9	4.05 U
					B09703	4.05 U
		Copper, filtered	34	9/20/93	B096Z9	2.65 U
					B09703	2.65 U
		Fluoride	124	3/23/93	B08BB1	600.00 H
		Iron, filtered	34	9/20/93	B096Z9	92.00
					B09703	37.00
		Magnesium, filtered	34	9/20/93	B096Z9	25000.00
					B09703	25000.00
		Manganese, filtered	34	9/20/93	B096Z9	3.70 L
					B09703	2.50 L
		Nickel, filtered	34	9/20/93	B096Z9	17.90 U
					B09703	17.90 U
		Nitrate	124	3/23/93	B08BB1	300000.00 H
		Nitrite	124	3/23/93	B08BB1	38.30 UH
		Phosphate	124	3/23/93	B08BB1	147.00 UH
		Potassium, filtered	34	9/20/93	B096Z9	4800.00
					B09703	4400.00
		Silver, filtered	34	9/20/93	B096Z9	2.87 U
					B09703	2.87 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
U-12	299-W22-41	Sodium, filtered	34	9/20/93	B096Z9	25000.00
					B09703	26000.00
		Sulfate	124	3/23/93	B08BB1	36000.00 H
		Tin, filtered	34	9/20/93	B096Z9	51.10 U
					B09703	51.10 U
		Vanadium, filtered	34	9/20/93	B096Z9	26.00 L
					B09703	22.00 L
		Zinc, filtered	34	9/20/93	B096Z9	31.00
					B09703	29.00
	299-W22-42	1,2,4,5-Tetrachlorobenzene	19	12/10/92	B07S05	10.00 U
		1,2,4-Trichlorobenzene	19	12/10/92	B07S05	10.00 U
		1,2-Dichlorobenzene	19	12/10/92	B07S05	10.00 U
		1,3-Dichlorobenzene	19	12/10/92	B07S05	10.00 U
		1,4-Naphtoquinone	19	12/10/92	B07S05	10.00 U
		1-Naphthylamine	19	12/10/92	B07S05	10.00 U
		2,3,4,6-Tetrachlorophenol	19	12/10/92	B07S05	10.00 U
		2,4,5-Trichlorophenol	19	12/10/92	B07S05	10.00 U
		2,4,6-Trichlorophenol	19	12/10/92	B07S05	10.00 U
		2,4-Dichlorophenol	19	12/10/92	B07S05	10.00 U
		2,4-Dimethylphenol	19	12/10/92	B07S05	10.00 U
		2,4-Dinitrophenol	19	12/10/92	B07S05	50.00 U
		2,4-Dinitrotoluene	19	12/10/92	B07S05	10.00 U
		2,6-Dichlorophenol	19	12/10/92	B07S05	10.00 U
		2,6-Dinitrotoluene	19	12/10/92	B07S05	10.00 U
		2-Acetylaminofluorene	19	12/10/92	B07S05	10.00 U
		2-Chloronaphthalene	19	12/10/92	B07S05	10.00 U
		2-Chlorophenol	19	12/10/92	B07S05	10.00 U
		2-Methylnaphthalene	19	12/10/92	B07S05	10.00 U
		2-Methylphenol	19	12/10/92	B07S05	10.00 U
		2-Naphthylamine	19	12/10/92	B07S05	10.00 U
		2-Nitroaniline	19	12/10/92	B07S05	50.00 U
		2-Nitrophenol	19	12/10/92	B07S05	10.00 U
		3,3'-Dichlorobenzidine	19	12/10/92	B07S05	20.00 U
		3,3'-Dimethylbenzidine	19	12/10/92	B07S05	10.00 U
		3-Methylcholanthrene	19	12/10/92	B07S05	10.00 U
		3-Nitroaniline	19	12/10/92	B07S05	50.00 U
		4,6-Dinitro-2-methylphenol	19	12/10/92	B07S05	50.00 U
		4-Aminobiphenyl	19	12/10/92	B07S05	10.00 U
		4-Bromophenylphenyl ether	19	12/10/92	B07S05	10.00 U
		4-Chloro-3-methylphenol	19	12/10/92	B07S05	20.00 U
		4-Chloroaniline	19	12/10/92	B07S05	20.00 U
		4-Chlorophenylphenyl ether	19	12/10/92	B07S05	10.00 U
		4-Methylphenol	19	12/10/92	B07S05	10.00 U
		4-Nitroaniline	19	12/10/92	B07S05	50.00 U
		4-Nitrophenol	19	12/10/92	B07S05	50.00 U
		4-Nitroquinoline-1-oxide	19	12/10/92	B07S05	10.00 U
		5-Nitro-o-toluidine	19	12/10/92	B07S05	10.00 U
		7,12-Dimethylbenz[a]anthracene	19	12/10/92	B07S05	10.00 U
		Acenaphthene	19	12/10/92	B07S05	10.00 U
		Acenaphthylene	19	12/10/92	B07S05	10.00 U
		Acetophenone	19	12/10/92	B07S05	10.00 U
		Alpha,alpha-Dimethylphenethylamine	19	12/10/92	B07S05	10.00 U
		Aluminum, filtered	34	9/20/93	B09706	32.50 U
					B09710	32.50 U
		Aniline	19	12/10/92	B07S05	10.00 U
		Anthracene	19	12/10/92	B07S05	10.00 U
		Antimony, filtered	34	9/20/93	B09706	69.40 U
					B09710	69.40 U
		Aramite	19	12/10/92	B07S05	10.00 U
		Barium, filtered	34	9/20/93	B09706	59.00
					B09710	62.00
		Benzo(a)anthracene	19	12/10/92	B07S05	10.00 U
		Benzo(a)pyrene	19	12/10/92	B07S05	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
U-12	299-W22-42	Benzo(b)fluoranthene	19	12/10/92	B07S05	10.00 U
		Benzo(ghi)perylene	19	12/10/92	B07S05	10.00 U
		Benzo(k)fluoranthene	19	12/10/92	B07S05	10.00 U
		Benzyl alcohol	19	12/10/92	B07S05	20.00 U
		Beryllium, filtered	34	9/20/93	B09706	.81 U
					B09710	.81 U
		Bis(2-Choroethoxy)methane	19	12/10/92	B07S05	10.00 U
		Bis(2-chloroethyl) ether	19	12/10/92	B07S05	10.00 U
		Bis(2-chloroisopropyl) ether	19	12/10/92	B07S05	10.00 U
		Bis(2-ethylhexyl) phthalate	19	12/10/92	B07S05	10.00 U
		Bromide	124	3/23/93	B08BB6	52.80 UH
				6/25/93	B08PD4	52.80 U
		Butylbenzylphthalate	19	12/10/92	B07S05	10.00 U
		Cadmium, filtered	34	9/20/93	B09706	4.70 U
					B09710	4.70 U
		Calcium, filtered	34	9/20/93	B09706	65000.00
					B09710	68000.00
		Chloride	124	3/23/93	B08BB6	14000.00 H
				6/25/93	B08PD4	11000.00
		Chlorobenzilate	19	12/10/92	B07S05	10.00 U
		Chromium, filtered	34	9/20/93	B09706	15.00 L
					B09710	5.42 U
		Chrysene	19	12/10/92	B07S05	10.00 U
		Cobalt, filtered	34	9/20/93	B09706	4.05 U
					B09710	4.05 U
		Copper, filtered	34	9/20/93	B09706	2.65 U
					B09710	2.65 U
		Di-n-butylphthalate	19	12/10/92	B07S05	10.00 U
		Di-n-octylphthalate	19	12/10/92	B07S05	10.00 U
		Diallate	19	12/10/92	B07S05	10.00 U
		Dibenz[a,h]anthracene	19	12/10/92	B07S05	10.00 U
		Dibenzofuran	19	12/10/92	B07S05	10.00 U
		Diethyl phthalate	19	12/10/92	B07S05	110.00
		Dimethoate	19	12/10/92	B07S05	10.00 U
		Dimethyl phthalate	19	12/10/92	B07S05	10.00 U
		Diphenylamine	19	12/10/92	B07S05	10.00 U
		Ethyl methanesulfonate	19	12/10/92	B07S05	10.00 U
		Famphur	19	12/10/92	B07S05	10.00 U
		Fluoranthene	19	12/10/92	B07S05	10.00 U
		Fluorene	19	12/10/92	B07S05	10.00 U
		Fluoride	124	3/23/93	B08BB6	500.00 H
				6/25/93	B08PD4	500.00
		Hexachlorobenzene	19	12/10/92	B07S05	10.00 U
		Hexachlorobutadiene	19	12/10/92	B07S05	10.00 U
		Hexachlorocyclopentadiene	19	12/10/92	B07S05	10.00 U
		Hexachloroethane	19	12/10/92	B07S05	10.00 U
		Hexachlorophene	19	12/10/92	B07S05	10.00 U
		Hexachloropropene	19	12/10/92	B07S05	10.00 U
		Indeno(1,2,3-cd)pyrene	19	12/10/92	B07S05	10.00 U
		Iron, filtered	34	9/20/93	B09706	140.00
					B09710	47.00
		Isodrin	19	12/10/92	B07S05	10.00 U
		Isophorone	19	12/10/92	B07S05	10.00 U
		Isosafrole	19	12/10/92	B07S05	10.00 U
		Kepone	19	12/10/92	B07S05	10.00 U
		Kerosene	19	12/10/92	B07S05	10000.00 U
		Magnesium, filtered	34	9/20/93	B09706	23000.00
					B09710	24000.00
		Manganese, filtered	34	9/20/93	B09706	4.10 L
					B09710	3.30 L
		Methapyrilene	19	12/10/92	B07S05	10.00 U
		Methyl methanesulfonate	19	12/10/92	B07S05	10.00 U
		N-Nitroso-di-n-dipropylamine	19	12/10/92	B07S05	10.00 U
		N-Nitrosodi-n-butylamine	19	12/10/92	B07S05	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
U-12	299-W22-42	N-Nitrosodiethylamine	19	12/10/92	B07S05	10.00 U
		N-Nitrosodimethylamine	19	12/10/92	B07S05	10.00 U
		N-Nitrosodiphenylamine	19	12/10/92	B07S05	10.00 U
		N-Nitrosomethylethylamine	19	12/10/92	B07S05	10.00 U
		N-Nitrosomorpholine	19	12/10/92	B07S05	10.00 U
		N-Nitrosopiperidine	19	12/10/92	B07S05	10.00 U
		Naphthalene	19	12/10/92	B07S05	10.00 U
		Nickel, filtered	34	9/20/93	B09706	27.00 L
					B09710	17.90 U
		Nitrate	124	3/23/93	B08BB6	190000.00 H
				6/25/93	B08PD4	150000.00
		Nitrite	124	3/23/93	B08BB6	38.30 UH
				6/25/93	B08PD4	38.30 U
		Nitrobenzene	19	12/10/92	B07S05	10.00 U
		Nitrosopyrrolidine	19	12/10/92	B07S05	10.00 U
		O,O,O-Triethyl phosphorothioate	19	12/10/92	B07S05	10.00 U
		O,O-diethylO-2-pyrazinylphosphor..	19	12/10/92	B07S05	10.00 U
		Parathion	19	12/10/92	B07S05	10.00 U
		Pentachlorobenzene	19	12/10/92	B07S05	10.00 U
		Pentachloronitrobenzene (PCNB)	19	12/10/92	B07S05	10.00 U
		Pentachlorophenol	19	12/10/92	B07S05	50.00 U
		Phenacetin	19	12/10/92	B07S05	10.00 U
		Phenanthrene	19	12/10/92	B07S05	10.00 U
		Phenol	19	12/10/92	B07S05	10.00 U
		Phosphate	124	3/23/93	B08BB6	147.00 UH
				6/25/93	B08PD4	147.00 U
		Potassium, filtered	34	9/20/93	B09706	5300.00
					B09710	5500.00
		Pronamide	19	12/10/92	B07S05	10.00 U
		Pyrene	19	12/10/92	B07S05	10.00 U
		Safrol	19	12/10/92	B07S05	10.00 U
		Silver, filtered	34	9/20/93	B09706	2.87 U
					B09710	2.87 U
		Sodium, filtered	34	9/20/93	B09706	26000.00
					B09710	26000.00
		Sulfate	124	3/23/93	B08BB6	31000.00 H
				6/25/93	B08PD4	27000.00
		Tetraethyldithiopyrophosphate	19	12/10/92	B07S05	10.00 U
		Tin, filtered	34	9/20/93	B09706	51.10 U
					B09710	51.10 U
		Tributyl Phosphate	19	12/10/92	B07S05	10.00 U
		Trichloroethene	19	12/10/92	B07S05	10.00 U
		Vanadium, filtered	34	9/20/93	B09706	22.00 L
					B09710	24.00 L
		Zinc, filtered	34	9/20/93	B09706	53.00
					B09710	29.00
		m-Cresol	19	12/10/92	B07S05	10.00 U
		m-dinitrobenzene	19	12/10/92	B07S05	10.00 U
		o-Toluidine	19	12/10/92	B07S05	10.00 U
		p-Dimethylaminoazobenzene	19	12/10/92	B07S05	10.00 U
		p-Phenylenediamine	19	12/10/92	B07S05	10.00 U
		sym-Trinitrobenzene	19	12/10/92	B07S05	10.00 U
	299-W22-43	2,4,5-T	49	6/25/93	B08PD9	.38 U
		2,4,5-TP	49	6/25/93	B08PD9	.41 U
		2,4-D	49	6/25/93	B08PD9	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/25/93	B08PD9	.27 U
		Aluminum, filtered	34	9/20/93	B09711	32.50 U
					B09715	55.00 L
		Antimony, filtered	34	9/20/93	B09711	69.40 U
					B09715	69.40 U
		Barium, filtered	34	9/20/93	B09711	29.00
					B09715	28.00

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
U-12	299-W22-43	Beryllium, filtered	34	9/20/93	B09711	.81 U
					B09715	.81 U
		Bromide	124	3/23/93	B08BC1	52.80 UH
				6/25/93	B08PD9	52.80 U
		Cadmium, filtered	34	9/20/93	B09711	4.70 U
					B09715	4.70 U
		Calcium, filtered	34	9/20/93	B09711	32000.00
					B09715	32000.00
		Chloride	124	3/23/93	B08BC1	20000.00 H
				6/25/93	B08PD9	16000.00
		Chromium, filtered	34	9/20/93	B09711	72.00
					B09715	5.42 U
		Cobalt, filtered	34	9/20/93	B09711	4.05 U
					B09715	4.05 U
		Copper, filtered	34	9/20/93	B09711	6.40 L
					B09715	2.65 U
		Fluoride	124	3/23/93	B08BC1	500.00 H
				6/25/93	B08PD9	500.00
		Iron, filtered	34	9/20/93	B09711	410.00
					B09715	39.00
		Magnesium, filtered	34	9/20/93	B09711	12000.00
					B09715	12000.00
		Manganese, filtered	34	9/20/93	B09711	13.00
					B09715	5.00 L
		Nickel, filtered	34	9/20/93	B09711	72.00
					B09715	42.00
		Nitrate	124	3/23/93	B08BC1	15000.00 H
				6/25/93	B08PD9	14000.00
		Nitrite	124	3/23/93	B08BC1	38.30 UH
				6/25/93	B08PD9	38.30 U
		Phosphate	124	3/23/93	B08BC1	147.00 UH
				6/25/93	B08PD9	147.00 U
		Potassium, filtered	34	9/20/93	B09711	3900.00
					B09715	3800.00
		Silver, filtered	34	9/20/93	B09711	2.87 U
					B09715	2.87 U
		Sodium, filtered	34	9/20/93	B09711	23000.00
					B09715	23000.00
		Sulfate	124	3/23/93	B08BC1	29000.00 H
				6/25/93	B08PD9	27000.00
		Tin, filtered	34	9/20/93	B09711	51.10 U
					B09715	51.10 U
		Vanadium, filtered	34	9/20/93	B09711	32.00
					B09715	32.00
		Zinc, filtered	34	9/20/93	B09711	6.70 L
					B09715	5.00 L

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
2101	299-E18-2	2,4,6-Trichlorophenol	30	12/20/93	B09NX6	1.45 U
		2,4-Dichlorophenol	30	12/20/93	B09NX6	1.50 U
		2,4-Dimethylphenol	30	12/20/93	B09NX6	1.01 U
		2,4-Dinitrophenol	30	12/20/93	B09NX6	.96 U
		2,6-Dichlorophenol	30	12/20/93	B09NX6	1.59 U
		2-Chlorophenol	30	12/20/93	B09NX6	1.42 U
		2-Nitrophenol	30	12/20/93	B09NX6	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	12/20/93	B09NX6	1.35 U
		4,6-Dinitro-2-methylphenol	30	12/20/93	B09NX6	1.18 U
		4-Chloro-3-methylphenol	30	12/20/93	B09NX6	1.12 U
		4-Nitrophenol	30	12/20/93	B09NX6	.65 U
		Cresols (methylphenols)	30	12/20/93	B09NX6	4.66 U
		Pentachlorophenol	30	12/20/93	B09NX6	.87 U
		Phenol	30	12/20/93	B09NX6	.31 U
		Specific conductance	73	6/04/93	B08LS2	260.00
		Tetrachlorophenols	30	12/20/93	B09NX6	1.05 U
		Trichloroethene	30	12/20/93	B09NX6	1.11 U
	299-E18-3	2,4,6-Trichlorophenol	30	12/20/93	B09NY1	1.45 U
		2,4-Dichlorophenol	30	12/20/93	B09NY1	1.50 U
		2,4-Dimethylphenol	30	12/20/93	B09NY1	1.01 U
		2,4-Dinitrophenol	30	12/20/93	B09NY1	.96 U
		2,6-Dichlorophenol	30	12/20/93	B09NY1	1.59 U
		2-Chlorophenol	30	12/20/93	B09NY1	1.42 U
		2-Nitrophenol	30	12/20/93	B09NY1	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	12/20/93	B09NY1	1.35 U
		4,6-Dinitro-2-methylphenol	30	12/20/93	B09NY1	1.18 U
		4-Chloro-3-methylphenol	30	12/20/93	B09NY1	1.12 U
		4-Nitrophenol	30	12/20/93	B09NY1	.65 U
		Cresols (methylphenols)	30	12/20/93	B09NY1	4.66 U
		Pentachlorophenol	30	12/20/93	B09NY1	.87 U
		Phenol	30	12/20/93	B09NY1	.31 U
		Specific conductance	73	6/04/93	B08LS7	250.00
		Tetrachlorophenols	30	12/20/93	B09NY1	1.05 U
		Trichloroethene	30	12/20/93	B09NY1	1.11 U
	299-E18-4	Specific conductance	73	6/04/93	B08LT2	260.00
					B08LT3	270.00

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E27-17	Aroclor-1016	17	4/20/93	B08FW8	.19 U
		Aroclor-1221	17	4/20/93	B08FW8	.14 U
		Aroclor-1232	17	4/20/93	B08FW8	.11 U
		Aroclor-1242	17	4/20/93	B08FW8	.11 U
		Aroclor-1248	17	4/20/93	B08FW8	.04 U
		Aroclor-1254	17	4/20/93	B08FW8	.10 U
		Aroclor-1260	17	4/20/93	B08FW8	.11 U
	299-E27-8	Aroclor-1016	17	4/20/93	B08FW9	.19 U
		Aroclor-1221	17	4/20/93	B08FW9	.14 U
		Aroclor-1232	17	4/20/93	B08FW9	.11 U
		Aroclor-1242	17	4/20/93	B08FW9	.11 U
		Aroclor-1248	17	4/20/93	B08FW9	.04 U
		Aroclor-1254	17	4/20/93	B08FW9	.10 U
		Aroclor-1260	17	4/20/93	B08FW9	.11 U
	299-E27-9	2-Methylphenol	19	10/08/92	B07HT7	10.00 U
		4-Methylphenol	19	10/08/92	B07HT7	10.00 U
		Aroclor-1016	17	4/20/93	B08FX0	.19 U
		Aroclor-1221	17	4/20/93	B08FX0	.14 U
		Aroclor-1232	17	4/20/93	B08FX0	.11 U
		Aroclor-1242	17	4/20/93	B08FX0	.11 U
		Aroclor-1248	17	4/20/93	B08FX0	.04 U
		Aroclor-1254	17	4/20/93	B08FX0	.10 U
		Aroclor-1260	17	4/20/93	B08FX0	.11 U
		Decane	19	10/08/92	B07HT7	1000.00 U
		Dodecane	19	10/08/92	B07HT7	1000.00 U
		Naphthalene	19	10/08/92	B07HT7	10.00 U
		Pentachlorophenol	19	10/08/92	B07HT7	50.00 U
		Phenol	19	10/08/92	B07HT7	10.00 U
		Tetradecane	19	10/08/92	B07HT7	1000.00 U
		Tributyl Phosphate	19	10/08/92	B07HT7	10.00 U
		m-Cresol	19	10/08/92	B07HT7	10.00 U
	299-E28-26	2,4,5-T	49	8/05/93	B08RJ3	.38 U
		2,4,5-TP	49	8/05/93	B08RJ3	.41 U
		2,4-D	49	8/05/93	B08RJ3	.19 U
		2-Methylphenol	19	10/08/92	B07HM8	10.00 U
				1/22/93	B07Z65	10.00 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	8/05/93	B08RJ3	.27 U
		4,4'-DDD	17	10/01/93	B099N3	.00 U
		4,4'-DDE	17	10/01/93	B099N3	.00 U
		4,4'-DDT	17	10/01/93	B099N3	.01 U
		4-Methylphenol	19	10/08/92	B07HM8	10.00 U
				1/22/93	B07Z65	10.00 U
		Aldrin	17	10/01/93	B099N3	.05 U
		Alpha-BHC	17	10/01/93	B099N3	.01 U
		Aluminum, filtered	34	10/01/93	B099N4	120.00 L
		Antimony, filtered	34	10/01/93	B099N4	69.40 U
		Barium, filtered	34	10/01/93	B099N4	32.00
		Beryllium, filtered	34	10/01/93	B099N4	.81 U
		Beta-BHC	17	10/01/93	B099N3	.00 U
		Bromide	124	10/01/93	B099N3	60.00 L
		Cadmium, filtered	34	10/01/93	B099N4	4.70 U
		Calcium, filtered	34	10/01/93	B099N4	46000.00 B
		Chlordane	17	10/01/93	B099N3	.01 U
		Chloride	124	10/01/93	B099N3	7100.00
		Chromium, filtered	34	10/01/93	B099N4	12.00 L
		Cobalt, filtered	34	10/01/93	B099N4	4.05 U
		Copper, filtered	34	10/01/93	B099N4	19.00 L
		Decane	19	10/08/92	B07HM8	1000.00 U
				1/22/93	B07Z65	1000.00 U
		Delta-BHC	17	10/01/93	B099N3	.00 U
		Dieldrin	17	10/01/93	B099N3	.02 U

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E28-26	Dodecane	19	10/08/92	B07HM8	1000.00 U
				1/22/93	B07Z65	1000.00 U
		Endosulfan I	17	10/01/93	B099N3	.00 U
		Endosulfan II	17	10/01/93	B099N3	.00 U
		Endosulfan sulfate	17	10/01/93	B099N3	.01 U
		Endrin	17	10/01/93	B099N3	.01 U
		Endrin Aldehyde	17	10/01/93	B099N3	.01 U
		Fluoride	124	10/01/93	B099N3	600.00
		Heptachlor	17	10/01/93	B099N3	.00 U
		Heptachlor epoxide	17	10/01/93	B099N3	.00 U
		Iron, filtered	34	10/01/93	B099N4	59.00
		Magnesium, filtered	34	10/01/93	B099N4	12000.00
		Manganese, filtered	34	10/01/93	B099N4	2.20 L
		Methoxychlor	17	10/01/93	B099N3	.10 U
		Naphthalene	19	10/08/92	B07HM8	10.00 U
				1/22/93	B07Z65	10.00 U
		Nickel, filtered	34	10/01/93	B099N4	17.90 U
		Nitrate	124	10/01/93	B099N3	31000.00 D
		Nitrite	124	10/01/93	B099N3	38.30 U
		Pentachlorophenol	19	10/08/92	B07HM8	50.00 U
				1/22/93	B07Z65	50.00 U
		Phenol	19	10/08/92	B07HM8	10.00 U
				1/22/93	B07Z65	10.00 U
		Phosphate	124	10/01/93	B099N3	147.00 U
		Potassium, filtered	34	10/01/93	B099N4	5500.00
		Silver, filtered	34	10/01/93	B099N4	2.87 U
		Sodium, filtered	34	10/01/93	B099N4	20000.00 B
		Sulfate	124	10/01/93	B099N3	55000.00 D
		Tetradecane	19	10/08/92	B07HM8	1000.00 U
				1/22/93	B07Z65	1000.00 U
		Tin, filtered	34	10/01/93	B099N4	51.10 U
		Toxaphene	17	10/01/93	B099N3	.89 U
		Tributyl Phosphate	19	10/08/92	B07HM8	10.00 U
				1/22/93	B07Z65	10.00 U
		Vanadium, filtered	34	10/01/93	B099N4	16.00 L
		Zinc, filtered	34	10/01/93	B099N4	1700.00 BF
		gamma-BHC (Lindane)	17	10/01/93	B099N3	.00 U
		m-Cresol	19	10/08/92	B07HM8	10.00 U
				1/22/93	B07Z65	10.00 U
	299-E28-27	2,4,5-T	49	8/05/93	B08RJ5	.38 U
		2,4,5-TP	49	8/05/93	B08RJ5	.41 U
		2,4,6-Trichlorophenol	30	10/05/93	B099N5	1.45 U
		2,4-D	49	8/05/93	B08RJ5	.19 U
		2,4-Dichlorophenol	30	10/05/93	B099N5	1.50 U
		2,4-Dimethylphenol	30	10/05/93	B099N5	1.01 U
		2,4-Dinitrophenol	30	10/05/93	B099N5	.96 U
		2,6-Dichlorophenol	30	10/05/93	B099N5	1.59 U
		2-Chlorophenol	30	10/05/93	B099N5	1.42 U
		2-Methylphenol	19	10/08/92	B07HN0	10.00 U
				1/21/93	B07Z72	10.00 U
		2-Nitrophenol	30	10/05/93	B099N5	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	10/05/93	B099N5	1.35 U
			49	8/05/93	B08RJ5	.27 U
		4,4'-DDD	17	10/05/93	B099N6	.00 U
		4,4'-DDE	17	10/05/93	B099N6	.00 U
		4,4'-DDT	17	10/05/93	B099N6	.01 U
		4,6-Dinitro-2-methylphenol	30	10/05/93	B099N5	1.18 U
		4-Chloro-3-methylphenol	30	10/05/93	B099N5	1.12 U
		4-Methylphenol	19	10/08/92	B07HN0	10.00 U
				1/21/93	B07Z72	10.00 U
		4-Nitrophenol	30	10/05/93	B099N5	.65 U
		Aldrin	17	10/05/93	B099N6	.05 U
		Alpha-BHC	17	10/05/93	B099N6	.01 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E28-27	Aluminum, filtered	34	10/05/93	B099N6	32.50 UQ
					B099N7	32.50 U
					B099N8	32.50 U
		Antimony, filtered	34	10/05/93	B099N6	69.40 U
					B099N7	69.40 U
					B099N8	69.40 U
		Barium, filtered	34	10/05/93	B099N6	49.00 B
					B099N7	49.00 B
					B099N8	49.00 B
		Beryllium, filtered	34	10/05/93	B099N6	.81 U
					B099N7	.81 U
					B099N8	.81 U
		Beta-BHC	17	10/05/93	B099N6	.00 U
		Bromide	124	10/05/93	B099N5	52.80 U
					B099N6	52.80 U
		Cadmium, filtered	34	10/05/93	B099N6	4.70 U
					B099N7	4.70 U
					B099N8	4.70 U
		Calcium, filtered	34	10/05/93	B099N6	34000.00 B
					B099N7	34000.00 B
					B099N8	33000.00 B
		Chlordane	17	10/05/93	B099N6	.01 U
		Chloride	124	10/05/93	B099N5	11000.00 D
					B099N6	11000.00 D
		Chromium, filtered	34	10/05/93	B099N6	84.00
					B099N7	5.42 UQ
					B099N8	7.30 LQ
		Cobalt, filtered	34	10/05/93	B099N6	4.05 U
					B099N7	4.05 U
					B099N8	4.05 U
		Copper, filtered	34	10/05/93	B099N6	5.60 LQ
			34	10/05/93	B099N7	2.65 U
					B099N8	2.65 U
		Cresols (methylphenols)	30	10/05/93	B099N5	4.66 U
		Decane	19	10/08/92	B07HN0	1000.00 U
				1/21/93	B07Z72	1000.00 U
		Delta-BHC	17	10/05/93	B099N6	.00 U
		Dieldrin	17	10/05/93	B099N6	.02 U
		Dodecane	19	10/08/92	B07HN0	1000.00 U
				1/21/93	B07Z72	1000.00 U
		Endosulfan I	17	10/05/93	B099N6	.00 U
		Endosulfan II	17	10/05/93	B099N6	.00 U
		Endosulfan sulfate	17	10/05/93	B099N6	.01 U
		Endrin	17	10/05/93	B099N6	.01 U
		Endrin Aldehyde	17	10/05/93	B099N6	.01 U
		Fluoride	124	10/05/93	B099N5	600.00
					B099N6	600.00
		Heptachlor	17	10/05/93	B099N6	.00 U
		Heptachlor epoxide	17	10/05/93	B099N6	.00 U
		Iron, filtered	34	10/05/93	B099N6	360.00 B
					B099N7	37.00 B
					B099N8	38.00 B
		Lead	40	10/05/93	B099N5	.51 UQ
					B099N7	.51 U
					B099N8	.51 U
		Magnesium, filtered	34	10/05/93	B099N6	10000.00
					B099N7	10000.00
					B099N8	10000.00
		Manganese, filtered	34	10/05/93	B099N6	7.40 L
					B099N7	2.20 LQ
					B099N8	3.50 LQ
		Methoxychlor	17	10/05/93	B099N6	.10 U
		Naphthalene	19	10/08/92	B07HN0	10.00 U
				1/21/93	B07Z72	10.00 U

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E28-27	Nickel, filtered	34	10/05/93	B099N6	43.00
					B099N7	17.90 U
					B099N8	17.90 U
		Nitrate	124	10/05/93	B099N5	19000.00 D
					B099N6	19000.00 D
		Nitrite	124	10/05/93	B099N5	38.30 U
					B099N6	38.30 U
		Pentachlorophenol	19	10/08/92	B07HN0	50.00 U
				1/21/93	B07Z72	50.00 U
			30	10/05/93	B099N5	.87 U
		Phenol	19	10/08/92	B07HN0	10.00 U
				1/21/93	B07Z72	10.00 U
			30	10/05/93	B099N5	.31 UQ
		Phosphate	124	10/05/93	B099N5	147.00 U
					B099N6	147.00 U
		Potassium, filtered	34	10/05/93	B099N6	5700.00
					B099N7	6400.00
					B099N8	5900.00
		Silver, filtered	34	10/05/93	B099N6	3.30 L
					B099N7	2.87 U
			34	10/05/93	B099N8	2.87 U
		Sodium, filtered	34	10/05/93	B099N6	24000.00 B
					B099N7	24000.00 B
					B099N8	24000.00 B
		Sulfate	124	10/05/93	B099N5	47000.00 D
					B099N6	47000.00 D
		Tetrachlorophenols	30	10/05/93	B099N5	1.05 U
		Tetradecane	19	10/08/92	B07HN0	1000.00 U
				1/21/93	B07Z72	1000.00 U
		Tin, filtered	34	10/05/93	B099N6	51.10 U
					B099N7	51.10 U
					B099N8	51.10 U
		Toxaphene	17	10/05/93	B099N6	.89 U
		Tributyl Phosphate	19	10/08/92	B07HN0	10.00 U
				1/21/93	B07Z72	10.00 U
		Trichloroethene	30	10/05/93	B099N5	1.11 U
		Vanadium, filtered	34	10/05/93	B099N6	23.00 L
					B099N7	26.00 L
					B099N8	23.00 L
		Zinc, filtered	34	10/05/93	B099N6	5.20 LBQ
					B099N7	3.00 LBQ
					B099N8	.71 LBQ
		gamma-BHC (Lindane)	17	10/05/93	B099N6	.00 U
		m-Cresol	19	10/08/92	B07HN0	10.00 U
				1/21/93	B07Z72	10.00 U
	299-E28-28	2,4,5-T	49	7/28/93	B08RJ7	.38 U
		2,4,5-TP	49	7/28/93	B08RJ7	.41 U
		2,4-D	49	7/28/93	B08RJ7	.19 U
		2-Methylphenol	19	1/19/93	B07Z79	10.00 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	7/28/93	B08RJ7	.27 U
		4,4'-DDD	17	4/23/93	B08FY6	.00 U
				10/01/93	B099N9	.00 U
		4,4'-DDE	17	4/23/93	B08FY6	.00 U
				10/01/93	B099N9	.00 U
		4,4'-DDT	17	4/23/93	B08FY6	.01 U
				10/01/93	B099N9	.01 U
		4-Methylphenol	19	1/19/93	B07Z79	10.00 U
		Aldrin	17	4/23/93	B08FY6	.05 U
				10/01/93	B099N9	.05 U
		Alpha-BHC	17	4/23/93	B08FY6	.01 U
				10/01/93	B099N9	.01 U
		Aluminum, filtered	34	7/28/93	B08RJ7	32.50 U
					B08RJ8	32.50 U
				10/01/93	B099N9	32.50 U
					B099P0	32.50 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E28-28	Antimony, filtered	34	7/28/93	B08RJ7	69.40 U
					B08RJ8	69.40 U
				10/01/93	B099N9	69.40 U
					B099P0	69.40 U
		Barium, filtered	34	7/28/93	B08RJ7	48.00
					B08RJ8	48.00
				10/01/93	B099N9	48.00
		Barium, filtered	34	10/01/93	B099P0	49.00
		Beryllium, filtered	34	7/28/93	B08RJ7	.81 U
					B08RJ8	.81 U
				10/01/93	B099N9	.81 U
					B099P0	.81 U
		Beta-BHC	17	4/23/93	B08FY6	.00 U
				10/01/93	B099N9	.00 U
		Bromide	124	4/23/93	B08FY6	52.80 UH
				10/01/93	B099N9	52.80 U
		Cadmium, filtered	34	7/28/93	B08RJ7	4.70 U
					B08RJ8	4.70 U
				10/01/93	B099N9	4.70 U
					B099P0	4.70 U
		Calcium, filtered	34	7/28/93	B08RJ7	48000.00 Q
					B08RJ8	48000.00 Q
				10/01/93	B099N9	47000.00 B
					B099P0	49000.00 B
		Chlordane	17	4/23/93	B08FY6	.01 U
				10/01/93	B099N9	.01 U
		Chloride	124	4/23/93	B08FY6	7900.00 H
				10/01/93	B099N9	8000.00
		Chromium, filtered	34	7/28/93	B08RJ7	130.00
					B08RJ8	5.42 U
				10/01/93	B099N9	240.00
					B099P0	5.42 U
		Cobalt, filtered	34	7/28/93	B08RJ7	4.05 U
					B08RJ8	4.05 U
				10/01/93	B099N9	4.05 U
					B099P0	4.05 U
		Copper, filtered	34	7/28/93	B08RJ7	6.80 L
					B08RJ8	2.65 U
				10/01/93	B099N9	16.00 L
					B099P0	4.10 L
		Decane	19	1/19/93	B07Z79	1000.00 U
		Delta-BHC	17	4/23/93	B08FY6	.00 U
				10/01/93	B099N9	.00 U
		Dieldrin	17	4/23/93	B08FY6	.02 U
				10/01/93	B099N9	.02 U
		Dodecane	19	1/19/93	B07Z79	1000.00 U
		Endosulfan I	17	4/23/93	B08FY6	.00 U
				10/01/93	B099N9	.00 U
		Endosulfan II	17	4/23/93	B08FY6	.00 U
				10/01/93	B099N9	.00 U
		Endosulfan sulfate	17	4/23/93	B08FY6	.01 U
				10/01/93	B099N9	.01 U
		Endrin	17	4/23/93	B08FY6	.01 U
				10/01/93	B099N9	.01 U
		Endrin Aldehyde	17	4/23/93	B08FY6	.01 U
				10/01/93	B099N9	.01 U
		Fluoride	124	4/23/93	B08FY6	400.00 H
				10/01/93	B099N9	700.00
		Heptachlor	17	4/23/93	B08FY6	.00 U
				10/01/93	B099N9	.00 U
		Heptachlor epoxide	17	4/23/93	B08FY6	.00 U
				10/01/93	B099N9	.00 U
		Iron, filtered	34	7/28/93	B08RJ7	560.00
					B08RJ8	31.00
				10/01/93	B099N9	1000.00
					B099P0	32.00

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E28-28	Magnesium, filtered	34	7/28/93	B08RJ7	12000.00
					B08RJ8	12000.00
				10/01/93	B099N9	12000.00
					B099P0	13000.00
		Manganese, filtered	34	7/28/93	B08RJ7	14.00
					B08RJ8	2.20 L
				10/01/93	B099N9	23.00
					B099P0	3.90 L
		Mercury	41	7/28/93	B08RJ7	.16 U
					B08RJ8	.16 U
		Methoxychlor	17	4/23/93	B08FY6	.10 U
				10/01/93	B099N9	.10 U
		Naphthalene	19	1/19/93	B07Z79	10.00 U
		Nickel, filtered	34	7/28/93	B08RJ7	65.00
					B08RJ8	17.90 U
				10/01/93	B099N9	120.00
					B099P0	17.90 U
		Nitrate	124	4/23/93	B08FY6	34000.00 H
				10/01/93	B099N9	33000.00 D
		Nitrite	124	4/23/93	B08FY6	38.30 UH
				10/01/93	B099N9	38.30 U
		Pentachlorophenol	19	1/19/93	B07Z79	50.00 U
		Phenol	19	1/19/93	B07Z79	10.00 U
		Phosphate	124	4/23/93	B08FY6	147.00 UH
				10/01/93	B099N9	147.00 U
		Potassium, filtered	34	7/28/93	B08RJ7	4800.00 Q
					B08RJ8	6200.00 Q
				10/01/93	B099N9	5900.00
					B099P0	5500.00
		Silver, filtered	34	7/28/93	B08RJ7	2.87 U
					B08RJ8	2.87 U
				10/01/93	B099N9	3.60 L
					B099P0	2.87 U
		Sodium, filtered	34	7/28/93	B08RJ7	21000.00 Q
					B08RJ8	22000.00 Q
				10/01/93	B099N9	21000.00 B
					B099P0	22000.00 B
		Sulfate	124	4/23/93	B08FY6	59000.00 H
				10/01/93	B099N9	60000.00 D
		Tetradecane	19	1/19/93	B07Z79	1000.00 U
		Tin, filtered	34	7/28/93	B08RJ7	51.10 U
					B08RJ8	51.10 U
				10/01/93	B099N9	51.10 U
					B099P0	51.10 U
		Toxaphene	17	4/23/93	B08FY6	.89 U
				10/01/93	B099N9	.89 U
		Tributyl Phosphate	19	1/19/93	B07Z79	10.00 U
		Vanadium, filtered	34	7/28/93	B08RJ7	17.00 L
					B08RJ8	19.00 L
				10/01/93	B099N9	19.00 L
					B099P0	19.00 L
		Zinc, filtered	34	7/28/93	B08RJ7	3.50 LQ
					B08RJ8	5.10 LQ
				10/01/93	B099N9	6.30 LB
					B099P0	3.00 LB
		gamma-BHC (Lindane)	17	4/23/93	B08FY6	.00 U
				10/01/93	B099N9	.00 U
		m-Cresol	19	1/19/93	B07Z79	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-10	2,4,5-T	49	7/28/93	B08RJ9	.38 U
		2,4,5-TP	49	7/28/93	B08RJ9	.41 U
		2,4-D	49	7/28/93	B08RJ9	.19 U
		2-Methylphenol	19	1/19/93	B07Z82	10.00 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	7/28/93	B08RJ9	.27 U
		4,4'-DDD	17	7/28/93	B08RJ9	.00 UD
				10/01/93	B099P1	.00 U
		4,4'-DDE	17	7/28/93	B08RJ9	.00 UD
				10/01/93	B099P1	.00 U
		4,4'-DDT	17	7/28/93	B08RJ9	.01 UD
				10/01/93	B099P1	.01 U
		4-Methylphenol	19	1/19/93	B07Z82	10.00 U
		Aldrin	17	7/28/93	B08RJ9	.05 UD
				10/01/93	B099P1	.05 U
		Alpha-BHC	17	7/28/93	B08RJ9	.01 UD
				10/01/93	B099P1	.01 U
		Aluminum, filtered	34	7/28/93	B08RJ9	76.00 L
					B08RK3	32.50 U
				10/01/93	B099P1	130.00 L
					B099P2	32.50 U
		Antimony, filtered	34	7/28/93	B08RJ9	69.40 U
					B08RK3	69.40 U
				10/01/93	B099P1	69.40 U
					B099P2	69.40 U
		Barium, filtered	34	7/28/93	B08RJ9	24.00
					B08RK3	24.00
				10/01/93	B099P1	25.00
					B099P2	24.00
		Beryllium, filtered	34	7/28/93	B08RJ9	.81 U
					B08RK3	.81 U
				10/01/93	B099P1	.81 U
					B099P2	.81 U
		Beta-BHC	17	7/28/93	B08RJ9	.00 UD
				10/01/93	B099P1	.00 U
		Bromide	124	4/19/93	B08FX2	52.80 UH
				10/01/93	B099P1	80.00 L
		Cadmium, filtered	34	7/28/93	B08RJ9	4.70 U
					B08RK3	4.00 L
				10/01/93	B099P1	4.70 U
					B099P2	4.70 U
		Calcium, filtered	34	7/28/93	B08RJ9	30000.00 Q
				7/28/93	B08RK3	30000.00 Q
				10/01/93	B099P1	31000.00 B
					B099P2	31000.00 B
		Chlordane	17	7/28/93	B08RJ9	.01 UD
				10/01/93	B099P1	.01 U
		Chloride	124	4/19/93	B08FX2	7100.00 H
				10/01/93	B099P1	8300.00
		Chromium, filtered	34	7/28/93	B08RJ9	28.00
					B08RK3	5.42 U
				10/01/93	B099P1	110.00
					B099P2	5.42 U
		Cobalt, filtered	34	7/28/93	B08RJ9	4.05 U
					B08RK3	4.05 U
				10/01/93	B099P1	4.05 U
					B099P2	4.05 U
		Copper, filtered	34	7/28/93	B08RJ9	4.60 L
					B08RK3	2.65 U
				10/01/93	B099P1	5.70 L
					B099P2	2.65 U
		Decane	19	1/19/93	B07Z82	1000.00 U
		Delta-BHC	17	7/28/93	B08RJ9	.00 UD
				10/01/93	B099P1	.00 U
		Dieldrin	17	7/28/93	B08RJ9	.02 UD
				10/01/93	B099P1	.02 U
		Disulfoton	29	4/19/93	B08FX2	.12 U
		Dodecane	19	1/19/93	B07Z82	1000.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-10	Endosulfan I	17	7/28/93	B08RJ9	.00 UD
				10/01/93	B099P1	.00 U
		Endosulfan II	17	7/28/93	B08RJ9	.00 UD
				10/01/93	B099P1	.00 U
		Endosulfan sulfate	17	7/28/93	B08RJ9	.01 UD
				10/01/93	B099P1	.01 U
		Endrin	17	7/28/93	B08RJ9	.01 UD
				10/01/93	B099P1	.01 U
		Endrin Aldehyde	17	7/28/93	B08RJ9	.01 UD
				10/01/93	B099P1	.01 U
		Fluoride	124	4/19/93	B08FX2	300.00 H
				10/01/93	B099P1	700.00
		Heptachlor	17	7/28/93	B08RJ9	.00 LD
				10/01/93	B099P1	.00 U
		Heptachlor epoxide	17	7/28/93	B08RJ9	.00 UD
				10/01/93	B099P1	.00 U
		Iron, filtered	34	7/28/93	B08RJ9	260.00
					B08RK3	13.00 L
				10/01/93	B099P1	650.00
					B099P2	28.00
		Magnesium, filtered	34	7/28/93	B08RJ9	8500.00
					B08RK3	8500.00
				10/01/93	B099P1	9200.00
					B099P2	9200.00
		Manganese, filtered	34	7/28/93	B08RJ9	4.40 L
					B08RK3	1.35 U
				10/01/93	B099P1	14.00
					B099P2	3.00 L
		Mercury	41	7/28/93	B08RJ9	.16 U
					B08RK3	.16 U
		Methoxychlor	17	7/28/93	B08RJ9	.10 UD
				10/01/93	B099P1	.10 U
		Methyl parathion	29	4/19/93	B08FX2	.24 U
		Naphthalene	19	1/19/93	B07Z82	10.00 U
		Nickel, filtered	34	7/28/93	B08RJ9	17.90 U
					B08RK3	17.90 U
				10/01/93	B099P1	48.00
					B099P2	17.90 U
		Nitrate	124	4/19/93	B08FX2	11000.00 H
				10/01/93	B099P1	10000.00
		Nitrite	124	4/19/93	B08FX2	38.30 UH
				10/01/93	B099P1	38.30 U
		Pentachlorophenol	19	1/19/93	B07Z82	50.00 U
		Phenol	19	1/19/93	B07Z82	10.00 U
		Phorate	29	4/19/93	B08FX2	.10 U
		Phosphate	124	4/19/93	B08FX2	147.00 UH
				10/01/93	B099P1	147.00 U
		Potassium, filtered	34	7/28/93	B08RJ9	5100.00 Q
					B08RK3	4500.00 Q
				10/01/93	B099P1	5500.00
					B099P2	5800.00
		Silver, filtered	34	7/28/93	B08RJ9	2.87 U
					B08RK3	2.87 U
				10/01/93	B099P1	2.87 U
					B099P2	3.00 L
		Sodium, filtered	34	7/28/93	B08RJ9	14000.00 Q
					B08RK3	14000.00 Q
				10/01/93	B099P1	15000.00 B
					B099P2	15000.00 B
		Sulfate	124	4/19/93	B08FX2	24000.00 H
				10/01/93	B099P1	26000.00 D
		Tetradecane	19	1/19/93	B07Z82	1000.00 U
		Tin, filtered	34	7/28/93	B08RJ9	51.10 U
					B08RK3	51.10 U
				10/01/93	B099P1	51.10 U
					B099P2	51.10 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-10	Toxaphene	17	7/28/93	B08RJ9	.89 UD
				10/01/93	B099P1	.89 U
		Tributyl Phosphate	19	1/19/93	B07Z82	10.00 U
		Vanadium, filtered	34	7/28/93	B08RJ9	21.00 L
					B08RK3	19.00 L
				10/01/93	B099P1	24.00 L
					B099P2	23.00 L
		Zinc, filtered	34	7/28/93	B08RJ9	26.00 Q
					B08RK3	9.60 LQ
				10/01/93	B099P1	4.30 LB
					B099P2	2.30 LB
		gamma-BHC (Lindane)	17	7/28/93	B08RJ9	.00 UD
				10/01/93	B099P1	.00 U
		m-Cresol	19	1/19/93	B07Z82	10.00 U
	299-E32-2	2-Methylphenol	19	10/08/92	B07HN4	10.00 U
				1/21/93	B07Z94	10.00 U
		4,4'-DDD	17	10/01/93	B099P3	.00 U
		4,4'-DDE	17	10/01/93	B099P3	.00 U
		4,4'-DDT	17	10/01/93	B099P3	.01 U
		4-Methylphenol	19	10/08/92	B07HN4	10.00 U
				1/21/93	B07Z94	10.00 U
		Aldrin	17	10/01/93	B099P3	.05 U
		Alpha-BHC	17	10/01/93	B099P3	.01 U
		Aluminum, filtered	34	10/01/93	B099P3	58.00 L
					B099P4	32.50 U
		Antimony, filtered	34	10/01/93	B099P3	69.40 U
					B099P4	69.40 U
		Barium, filtered	34	10/01/93	B099P3	43.00
					B099P4	43.00
		Beryllium, filtered	34	10/01/93	B099P3	.81 U
					B099P4	.81 U
		Beta-BHC	17	10/01/93	B099P3	.00 U
		Bromide	124	10/01/93	B099P3	52.80 U
		Cadmium, filtered	34	10/01/93	B099P3	4.70 U
					B099P4	4.70 U
		Calcium, filtered	34	10/01/93	B099P3	39000.00 B
					B099P4	38000.00 B
		Chlordane	17	10/01/93	B099P3	.01 U
		Chloride	124	10/01/93	B099P3	9800.00 D
		Chromium, filtered	34	10/01/93	B099P3	160.00
					B099P4	5.42 U
		Cobalt, filtered	34	10/01/93	B099P3	4.05 U
					B099P4	4.05 U
		Copper, filtered	34	10/01/93	B099P3	4.00 L
					B099P4	2.65 U
		Decane	19	10/08/92	B07HN4	1000.00 U
				1/21/93	B07Z94	1000.00 U
		Delta-BHC	17	10/01/93	B099P3	.00 U
		Dieldrin	17	10/01/93	B099P3	.02 U
		Dodecane	19	10/08/92	B07HN4	1000.00 U
				1/21/93	B07Z94	1000.00 U
		Endosulfan I	17	10/01/93	B099P3	.00 U
		Endosulfan II	17	10/01/93	B099P3	.00 U
		Endosulfan sulfate	17	10/01/93	B099P3	.01 U
		Endrin	17	10/01/93	B099P3	.01 U
		Endrin Aldehyde	17	10/01/93	B099P3	.01 U
		Fluoride	124	10/01/93	B099P3	700.00
		Heptachlor	17	10/01/93	B099P3	.00 U
		Heptachlor epoxide	17	10/01/93	B099P3	.00 U
		Iron, filtered	34	10/01/93	B099P3	690.00
					B099P4	19.00 L
		Magnesium, filtered	34	10/01/93	B099P3	12000.00
					B099P4	11000.00
		Manganese, filtered	34	10/01/93	B099P3	14.00
					B099P4	2.20 L
		Methoxychlor	17	10/01/93	B099P3	.10 U

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-2	Naphthalene	19	10/08/92	B07HN4	10.00 U
				1/21/93	B07Z94	10.00 U
		Nickel, filtered	34	10/01/93	B099P3	84.00
					B099P4	17.90 U
		Nitrate	124	10/01/93	B099P3	25000.00 D
		Nitrite	124	10/01/93	B099P3	38.30 U
		Pentachlorophenol	19	10/08/92	B07HN4	50.00 U
				1/21/93	B07Z94	50.00 U
		Phenol	19	10/08/92	B07HN4	10.00 U
				1/21/93	B07Z94	10.00 U
		Phosphate	124	10/01/93	B099P3	147.00 U
		Potassium, filtered	34	10/01/93	B099P3	6000.00
					B099P4	6000.00
		Silver, filtered	34	10/01/93	B099P3	3.00 L
					B099P4	2.87 U
		Sodium, filtered	34	10/01/93	B099P3	24000.00 B
					B099P4	24000.00 B
		Sulfate	124	10/01/93	B099P3	51000.00 D
		Tetradecane	19	10/08/92	B07HN4	1000.00 U
				1/21/93	B07Z94	1000.00 U
		Tin, filtered	34	10/01/93	B099P3	51.10 U
					B099P4	51.10 U
		Toxaphene	17	10/01/93	B099P3	.89 U
		Tributyl Phosphate	19	10/08/92	B07HN4	10.00 U
				1/21/93	B07Z94	10.00 U
		Vanadium, filtered	34	10/01/93	B099P3	23.00 L
					B099P4	21.00 L
		Zinc, filtered	34	10/01/93	B099P3	5.70 LB
					B099P4	3.00 LB
		gamma-BHC (Lindane)	17	10/01/93	B099P3	.00 U
		m-Cresol	19	10/08/92	B07HN4	10.00 U
				1/21/93	B07Z94	10.00 U
	299-E32-3	2-Methylphenol	19	10/08/92	B07HN6	10.00 U
				1/18/93	B07ZB3	10.00 U
		4,4'-DDD	17	1/18/93	B07ZB3	.10 U
				4/27/93	B08FZ0	.00 UH
				10/01/93	B099P5	.00 U
		4,4'-DDE	17	1/18/93	B07ZB3	.05 U
				4/27/93	B08FZ0	.00 UH
				10/01/93	B099P5	.00 U
		4,4'-DDT	17	1/18/93	B07ZB3	.10 U
				4/27/93	B08FZ0	.01 UH
				10/01/93	B099P5	.01 U
		4-Methylphenol	19	10/08/92	B07HN6	10.00 U
				1/18/93	B07ZB3	10.00 U
		Aldrin	17	1/18/93	B07ZB3	.05 U
				4/27/93	B08FZ0	.05 UH
				10/01/93	B099P5	.05 U
		Alpha-BHC	17	1/18/93	B07ZB3	.05 U
				4/27/93	B08FZ0	.01 UH
				10/01/93	B099P5	.01 U
		Aluminum, filtered	34	10/01/93	B099P5	32.50 U
				10/01/93	B099P6	32.50 U
		Antimony, filtered	34	10/01/93	B099P5	69.40 U
					B099P6	69.40 U
		Barium, filtered	34	10/01/93	B099P5	56.00
					B099P6	58.00
		Beryllium, filtered	34	10/01/93	B099P5	.81 U
					B099P6	.81 U
		Beta-BHC	17	1/18/93	B07ZB3	.05 U
				4/27/93	B08FZ0	.00 UH
				10/01/93	B099P5	.00 U
		Bromide	124	10/01/93	B099P5	53.00 L
		Cadmium, filtered	34	10/01/93	B099P5	4.70 U
					B099P6	4.70 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-3	Calcium, filtered	34	10/01/93	B099P5	51000.00 B
					B099P6	53000.00 B
		Chlordane	17	1/18/93	B07ZB3	.10 U
				4/27/93	B08FZ0	.01 UH
				10/01/93	B099P5	.01 U
		Chloride	124	10/01/93	B099P5	9900.00
		Chromium, filtered	34	10/01/93	B099P5	130.00
					B099P6	5.42 U
		Cobalt, filtered	34	10/01/93	B099P5	4.05 U
					B099P6	4.05 U
		Copper, filtered	34	10/01/93	B099P5	8.40 L
					B099P6	2.65 U
		Decane	19	10/08/92	B07HN6	1000.00 U
				1/18/93	B07ZB3	1000.00 U
		Delta-BHC	17	1/18/93	B07ZB3	.10 U
				4/27/93	B08FZ0	.00 UH
				10/01/93	B099P5	.00 U
		Dieldrin	17	1/18/93	B07ZB3	.05 U
				4/27/93	B08FZ0	.02 UH
				10/01/93	B099P5	.02 U
		Dodecane	19	10/08/92	B07HN6	1000.00 U
				1/18/93	B07ZB3	1000.00 U
		Endosulfan I	17	1/18/93	B07ZB3	.10 U
				4/27/93	B08FZ0	.00 UH
				10/01/93	B099P5	.00 U
		Endosulfan II	17	1/18/93	B07ZB3	.05 U
				4/27/93	B08FZ0	.00 UH
				10/01/93	B099P5	.00 U
		Endosulfan sulfate	17	1/18/93	B07ZB3	.50 U
				4/27/93	B08FZ0	.01 UH
				10/01/93	B099P5	.01 U
		Endrin	17	1/18/93	B07ZB3	.10 U
				4/27/93	B08FZ0	.01 UH
				10/01/93	B099P5	.01 U
		Endrin Aldehyde	17	1/18/93	B07ZB3	.20 U
				4/27/93	B08FZ0	.01 UH
				10/01/93	B099P5	.01 U
		Fluoride	124	10/01/93	B099P5	700.00
		Heptachlor	17	1/18/93	B07ZB3	.05 U
				4/27/93	B08FZ0	.00 UH
				10/01/93	B099P5	.00 U
		Heptachlor epoxide	17	1/18/93	B07ZB3	1.00 U
				4/27/93	B08FZ0	.00 UH
				10/01/93	B099P5	.00 U
		Iron, filtered	34	10/01/93	B099P5	510.00
					B099P6	29.00
		Magnesium, filtered	34	10/01/93	B099P5	14000.00
					B099P6	15000.00
		Manganese, filtered	34	10/01/93	B099P5	12.00
					B099P6	1.80 L
		Methoxychlor	17	1/18/93	B07ZB3	2.00 U
				4/27/93	B08FZ0	.10 UH
				10/01/93	B099P5	.10 U
		Naphthalene	19	10/08/92	B07HN6	10.00 U
				1/18/93	B07ZB3	10.00 U
		Nickel, filtered	34	10/01/93	B099P5	64.00
					B099P6	17.90 U
		Nitrate	124	10/01/93	B099P5	40000.00 D
		Nitrite	124	10/01/93	B099P5	38.30 U
		Pentachlorophenol	19	10/08/92	B07HN6	50.00 U
				1/18/93	B07ZB3	50.00 U
		Phenol	19	10/08/92	B07HN6	10.00 U
				1/18/93	B07ZB3	10.00 U
		Phosphate	124	10/01/93	B099P5	147.00 U
		Potassium, filtered	34	10/01/93	B099P5	6200.00
					B099P6	5700.00

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-3	Silver, filtered	34	10/01/93	B099P5	2.87 U
					B099P6	2.87 U
		Sodium, filtered	34	10/01/93	B099P5	25000.00 B
					B099P6	26000.00 B
		Sulfate	124	10/01/93	B099P5	80000.00 D
		Tetradecane	19	10/08/92	B07HN6	1000.00 U
				1/18/93	B07ZB3	1000.00 U
		Tin, filtered	34	10/01/93	B099P5	51.10 U
					B099P6	51.10 U
		Toxaphene	17	1/18/93	B07ZB3	2.00 U
				4/27/93	B08FZ0	.89 UH
				10/01/93	B099P5	.89 U
		Tributyl Phosphate	19	10/08/92	B07HN6	10.00 U
				1/18/93	B07ZB3	10.00 U
		Vanadium, filtered	34	10/01/93	B099P5	22.00 L
					B099P6	19.00 L
		Zinc, filtered	34	10/01/93	B099P5	40.00 B
					B099P6	3.80 LB
		gamma-BHC (Lindane)	17	1/18/93	B07ZB3	.05 U
				4/27/93	B08FZ0	.00 UH
				10/01/93	B099P5	.00 U
		m-Cresol	19	10/08/92	B07HN6	10.00 U
				1/18/93	B07ZB3	10.00 U
	299-E32-4	Aluminum, filtered	34	10/15/93	B099P7	32.50 U
					B099P8	32.50 U
		Ammonium ion	129	9/02/93	B08RK8	60.00 L
		Antimony, filtered	34	10/15/93	B099P7	69.40 U
					B099P8	69.40 U
		Barium, filtered	34	10/15/93	B099P7	74.00
					B099P8	74.00
		Beryllium, filtered	34	10/15/93	B099P7	.81 U
					B099P8	.81 U
		Bromide	124	4/30/93	B08FZ2	90.00 L
		Cadmium, filtered	34	10/15/93	B099P7	4.70 U
					B099P8	4.70 U
		Calcium, filtered	34	10/15/93	B099P7	41000.00
					B099P8	42000.00
		Chloride	124	4/30/93	B08FZ2	9400.00
		Chromium, filtered	34	10/15/93	B099P7	110.00
					B099P8	5.42 U
		Cobalt, filtered	34	10/15/93	B099P7	4.05 U
					B099P8	4.05 U
		Copper, filtered	34	10/15/93	B099P7	2.65 U
					B099P8	2.65 U
		Fluoride	124	4/30/93	B08FZ2	600.00
		Iron, filtered	34	10/15/93	B099P7	500.00
					B099P8	44.00
		Magnesium, filtered	34	10/15/93	B099P7	13000.00
					B099P8	14000.00
		Manganese, filtered	34	10/15/93	B099P7	10.00
					B099P8	1.35 U
		Nickel, filtered	34	10/15/93	B099P7	61.00
					B099P8	17.90 U
		Nitrate	124	4/30/93	B08FZ2	25000.00
		Nitrite	124	4/30/93	B08FZ2	38.30 U
		Phosphate	124	4/30/93	B08FZ2	147.00 U
		Potassium, filtered	34	10/15/93	B099P7	6500.00
					B099P8	6700.00
		Silver, filtered	34	10/15/93	B099P7	2.87 U
					B099P8	2.87 U
		Sodium, filtered	34	10/15/93	B099P7	26000.00
					B099P8	27000.00
		Sulfate	124	4/30/93	B08FZ2	53000.00
		Tin, filtered	34	10/15/93	B099P7	51.10 U
					B099P8	51.10 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-4	Vanadium, filtered	34	10/15/93	B099P7	12.00 L
					B099P8	12.00 L
		Zinc, filtered	34	10/15/93	B099P7	4.80 L
					B099P8	6.80 L
	299-E32-5	2-Methylphenol	19	10/08/92	B07HP0	10.00 U
				1/18/93	B07ZC0	10.00 U
		4,4'-DDD	17	1/18/93	B07ZC0	.10 U
		4,4'-DDE	17	1/18/93	B07ZC0	.05 U
		4,4'-DDT	17	1/18/93	B07ZC0	.10 U
		4-Methylphenol	19	10/08/92	B07HP0	10.00 U
				1/18/93	B07ZC0	10.00 U
		Aldrin	17	1/18/93	B07ZC0	.05 U
		Alpha-BHC	17	1/18/93	B07ZC0	.05 U
		Beta-BHC	17	1/18/93	B07ZC0	.05 U
		Bromide	124	4/19/93	B08FZ7	52.80 UH
		Chlordane	17	1/18/93	B07ZC0	.10 U
		Chloride	124	4/19/93	B08FZ7	9700.00 H
		Decane	19	10/08/92	B07HP0	1000.00 U
				1/18/93	B07ZC0	1000.00 U
		Delta-BHC	17	1/18/93	B07ZC0	.10 U
		Dieldrin	17	1/18/93	B07ZC0	.05 U
		Dodecane	19	10/08/92	B07HP0	1000.00 U
				1/18/93	B07ZC0	1000.00 U
		Endosulfan I	17	1/18/93	B07ZC0	.10 U
		Endosulfan II	17	1/18/93	B07ZC0	.05 U
		Endosulfan sulfate	17	1/18/93	B07ZC0	.50 U
		Endrin	17	1/18/93	B07ZC0	.10 U
		Endrin Aldehyde	17	1/18/93	B07ZC0	.20 U
		Fluoride	124	4/19/93	B08FZ7	500.00 H
		Heptachlor	17	1/18/93	B07ZC0	.05 U
		Heptachlor epoxide	17	1/18/93	B07ZC0	1.00 U
		Methoxychlor	17	1/18/93	B07ZC0	2.00 U
		Naphthalene	19	10/08/92	B07HP0	10.00 U
				1/18/93	B07ZC0	10.00 U
		Nitrate	124	4/19/93	B08FZ7	44000.00 H
		Nitrite	124	4/19/93	B08FZ7	38.30 UH
		Pentachlorophenol	19	10/08/92	B07HP0	50.00 U
				1/18/93	B07ZC0	50.00 U
		Phenol	19	10/08/92	B07HP0	10.00 U
				1/18/93	B07ZC0	10.00 U
		Phosphate	124	4/19/93	B08FZ7	147.00 UH
		Selenium	48	10/20/93	B099P9	4.80 L
					B099Q0	4.50 L
		Sulfate	124	4/19/93	B08FZ7	83000.00 H
		Tetradecane	19	10/08/92	B07HP0	1000.00 U
				1/18/93	B07ZC0	1000.00 U
		Toxaphene	17	1/18/93	B07ZC0	2.00 U
		Tributyl Phosphate	19	10/08/92	B07HP0	10.00 U
				1/18/93	B07ZC0	10.00 U
		gamma-BHC (Lindane)	17	1/18/93	B07ZC0	.05 U
		m-Cresol	19	10/08/92	B07HP0	10.00 U
				1/18/93	B07ZC0	10.00 U
	299-E32-6	2-Methylphenol	19	10/08/92	B07HP4	10.00 U
				1/18/93	B07ZC7	10.00 U
		4,4'-DDD	17	1/18/93	B07ZC7	.10 U
				10/04/93	B099Q1	.00 U
		4,4'-DDE	17	1/18/93	B07ZC7	.05 U
				10/04/93	B099Q1	.00 U
		4,4'-DDT	17	1/18/93	B07ZC7	.10 U
				10/04/93	B099Q1	.01 U
		4-Methylphenol	19	10/08/92	B07HP4	10.00 U
				1/18/93	B07ZC7	10.00 U
		Aldrin	17	1/18/93	B07ZC7	.05 U
				10/04/93	B099Q1	.05 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-6	Alpha-BHC	17	1/18/93	B07ZC7	.05 U
				10/04/93	B099Q1	.01 U
		Aluminum, filtered	34	10/04/93	B099Q1	32.50 U
					B099Q2	32.50 U
		Antimony, filtered	34	10/04/93	B099Q1	69.40 U
					B099Q2	69.40 U
		Barium, filtered	34	10/04/93	B099Q1	38.00
					B099Q2	37.00
		Beryllium, filtered	34	10/04/93	B099Q1	.81 U
					B099Q2	.81 U
		Beta-BHC	17	1/18/93	B07ZC7	.05 U
				10/04/93	B099Q1	.00 U
		Bromide	124	4/19/93	B08FZ9	52.80 UH
				7/23/93	B08RL2	52.80 U
				10/04/93	B099Q1	52.80 U
		Cadmium, filtered	34	10/04/93	B099Q1	4.70 U
					B099Q2	4.70 U
		Calcium, filtered	34	10/04/93	B099Q1	34000.00 B
					B099Q2	34000.00 B
		Chlordane	17	1/18/93	B07ZC7	.10 U
				10/04/93	B099Q1	.01 U
		Chloride	124	4/19/93	B08FZ9	11000.00 H
				7/23/93	B08RL2	10000.00
				10/04/93	B099Q1	11000.00 D
		Chromium, filtered	34	10/04/93	B099Q1	270.00
					B099Q2	5.42 U
		Cobalt, filtered	34	10/04/93	B099Q1	4.05 U
					B099Q2	4.05 U
		Copper, filtered	34	10/04/93	B099Q1	15.00 L
					B099Q2	2.65 U
		Decane	19	10/08/92	B07HP4	1000.00 U
				1/18/93	B07ZC7	1000.00 U
		Delta-BHC	17	1/18/93	B07ZC7	.10 U
				10/04/93	B099Q1	.00 U
		Dieldrin	17	1/18/93	B07ZC7	.05 U
				10/04/93	B099Q1	.02 U
		Dodecane	19	10/08/92	B07HP4	1000.00 U
				1/18/93	B07ZC7	1000.00 U
		Endosulfan I	17	1/18/93	B07ZC7	.10 U
				10/04/93	B099Q1	.00 U
		Endosulfan II	17	1/18/93	B07ZC7	.05 U
				10/04/93	B099Q1	.00 U
		Endosulfan sulfate	17	1/18/93	B07ZC7	.50 U
				10/04/93	B099Q1	.01 U
		Endrin	17	1/18/93	B07ZC7	.10 U
				10/04/93	B099Q1	.01 U
		Endrin Aldehyde	17	1/18/93	B07ZC7	.20 U
				10/04/93	B099Q1	.01 U
		Fluoride	124	4/19/93	B08FZ9	500.00 H
				7/23/93	B08RL2	700.00 Q
				10/04/93	B099Q1	700.00
		Heptachlor	17	1/18/93	B07ZC7	.05 U
				10/04/93	B099Q1	.00 U
		Heptachlor epoxide	17	1/18/93	B07ZC7	1.00 U
				10/04/93	B099Q1	.00 U
		Iron, filtered	34	10/04/93	B099Q1	1100.00
					B099Q2	33.00
		Magnesium, filtered	34	10/04/93	B099Q1	11000.00
					B099Q2	11000.00
		Manganese, filtered	34	10/04/93	B099Q1	23.00
					B099Q2	2.60 L
		Methoxychlor	17	1/18/93	B07ZC7	2.00 U
				10/04/93	B099Q1	.10 U
		Naphthalene	19	10/08/92	B07HP4	10.00 U
				1/18/93	B07ZC7	10.00 U
		Nickel, filtered	34	10/04/93	B099Q1	130.00
					B099Q2	17.90 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-6	Nitrate	124	4/19/93	B08FZ9	20000.00 H
				7/23/93	B08RL2	18000.00
				10/04/93	B099Q1	21000.00 D
		Nitrite	124	4/19/93	B08FZ9	38.30 UH
				7/23/93	B08RL2	38.30 U
				10/04/93	B099Q1	38.30 U
		Pentachlorophenol	19	10/08/92	B07HP4	50.00 U
				1/18/93	B07ZC7	50.00 U
		Phenol	19	10/08/92	B07HP4	10.00 U
				1/18/93	B07ZC7	10.00 U
		Phosphate	124	4/19/93	B08FZ9	147.00 UH
				7/23/93	B08RL2	147.00 U
				10/04/93	B099Q1	147.00 U
		Potassium, filtered	34	10/04/93	B099Q1	5900.00
					B099Q2	6400.00
		Silver, filtered	34	10/04/93	B099Q1	3.30 L
					B099Q2	3.50 L
		Sodium, filtered	34	10/04/93	B099Q1	24000.00 B
					B099Q2	24000.00 B
		Sulfate	124	4/19/93	B08FZ9	44000.00 H
				7/23/93	B08RL2	42000.00
				10/04/93	B099Q1	48000.00 D
		Tetradecane	19	10/08/92	B07HP4	1000.00 U
				1/18/93	B07ZC7	1000.00 U
		Tin, filtered	34	10/04/93	B099Q1	51.10 U
					B099Q2	51.10 U
		Toxaphene	17	1/18/93	B07ZC7	2.00 U
				10/04/93	B099Q1	.89 U
		Tributyl Phosphate	19	10/08/92	B07HP4	10.00 U
				1/18/93	B07ZC7	10.00 U
		Vanadium, filtered	34	10/04/93	B099Q1	18.00 L
					B099Q2	19.00 L
		Zinc, filtered	34	10/04/93	B099Q1	6.30 LB
					B099Q2	2.20 L
		gamma-BHC (Lindane)	17	1/18/93	B07ZC7	.05 U
				10/04/93	B099Q1	.00 U
		m-Cresol	19	10/08/92	B07HP4	10.00 U
				1/18/93	B07ZC7	10.00 U
	299-E32-7	2-Methylphenol	19	10/08/92	B07HP6	10.00 U
		4,4'-DDD	17	10/04/93	B099Q3	.00 U
		4,4'-DDE	17	10/04/93	B099Q3	.00 U
		4,4'-DDT	17	10/04/93	B099Q3	.01 U
		4-Methylphenol	19	10/08/92	B07HP6	10.00 U
		Aldrin	17	10/04/93	B099Q3	.05 U
		Alpha-BHC	17	10/04/93	B099Q3	.01 U
		Aluminum, filtered	34	10/04/93	B099Q3	32.50 U
					B099Q4	32.50 U
		Antimony, filtered	34	10/04/93	B099Q3	69.40 U
					B099Q4	69.40 U
		Barium, filtered	34	10/04/93	B099Q3	32.00
					B099Q4	31.00
		Beryllium, filtered	34	10/04/93	B099Q3	.81 U
					B099Q4	.81 U
		Beta-BHC	17	10/04/93	B099Q3	.00 U
		Bromide	124	4/23/93	B08G46	52.80 UH
				10/04/93	B099Q3	52.80 U
		Cadmium, filtered	34	10/04/93	B099Q3	4.70 U
					B099Q4	4.70 U
		Calcium, filtered	34	10/04/93	B099Q3	28000.00 B
					B099Q4	27000.00 B
		Chlordane	17	10/04/93	B099Q3	.01 U
		Chloride	124	4/23/93	B08G46	12000.00 H
				10/04/93	B099Q3	14000.00 D
		Chromium, filtered	34	10/04/93	B099Q3	250.00
					B099Q4	5.42 U
		Cobalt, filtered	34	10/04/93	B099Q3	4.05 U
					B099Q4	4.05 U

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-7	Copper, filtered	34	10/04/93	B099Q3	12.00 L
					B099Q4	4.90 L
		Decane	19	10/08/92	B07HP6	1000.00 U
		Delta-BHC	17	10/04/93	B099Q3	.00 U
		Dieldrin	17	10/04/93	B099Q3	.02 U
		Dodecane	19	10/08/92	B07HP6	1000.00 U
		Endosulfan I	17	10/04/93	B099Q3	.00 U
		Endosulfan II	17	10/04/93	B099Q3	.00 U
		Endosulfan sulfate	17	10/04/93	B099Q3	.01 U
		Endrin	17	10/04/93	B099Q3	.01 U
		Endrin Aldehyde	17	10/04/93	B099Q3	.01 U
		Fluoride	124	4/23/93	B08G46	500.00 H
				10/04/93	B099Q3	600.00
		Heptachlor	17	10/04/93	B099Q3	.00 U
		Heptachlor epoxide	17	10/04/93	B099Q3	.00 U
		Iron, filtered	34	10/04/93	B099Q3	1000.00
					B099Q4	46.00
		Magnesium, filtered	34	10/04/93	B099Q3	8600.00
					B099Q4	8400.00
		Manganese, filtered	34	10/04/93	B099Q3	20.00
					B099Q4	3.00 L
		Methoxychlor	17	10/04/93	B099Q3	.10 U
		Naphthalene	19	10/08/92	B07HP6	10.00 U
		Nickel, filtered	34	10/04/93	B099Q3	120.00
					B099Q4	17.90 U
		Nitrate	124	4/23/93	B08G46	7700.00 H
				10/04/93	B099Q3	9100.00
		Nitrite	124	4/23/93	B08G46	38.30 UH
				10/04/93	B099Q3	38.30 U
		Pentachlorophenol	19	10/08/92	B07HP6	50.00 U
		Phenol	19	10/08/92	B07HP6	10.00 U
		Phosphate	124	4/23/93	B08G46	147.00 UH
				10/04/93	B099Q3	147.00 U
		Potassium, filtered	34	10/04/93	B099Q3	5300.00
					B099Q4	5100.00
		Silver, filtered	34	10/04/93	B099Q3	4.20 L
					B099Q4	3.90 L
		Sodium, filtered	34	10/04/93	B099Q3	22000.00 B
					B099Q4	22000.00 B
		Sulfate	124	4/23/93	B08G46	27000.00 H
				10/04/93	B099Q3	31000.00 D
		Tetradecane	19	10/08/92	B07HP6	1000.00 U
		Tin, filtered	34	10/04/93	B099Q3	51.10 U
					B099Q4	51.10 U
		Toxaphene	17	10/04/93	B099Q3	.89 U
		Tributyl Phosphate	19	10/08/92	B07HP6	10.00 U
		Vanadium, filtered	34	10/04/93	B099Q3	26.00 L
					B099Q4	23.00 L
		Zinc, filtered	34	10/04/93	B099Q3	6.30 LB
					B099Q4	14.00 B
		gamma-BHC (Lindane)	17	10/04/93	B099Q3	.00 U
		m-Cresol	19	10/08/92	B07HP6	10.00 U
	299-E32-8	2,4,6-Trichlorophenol	30	10/05/93	B099Q5	1.45 U
		2,4-Dichlorophenol	30	10/05/93	B099Q5	1.50 U
		2,4-Dimethylphenol	30	10/05/93	B099Q5	1.01 U
		2,4-Dinitrophenol	30	10/05/93	B099Q5	.96 U
		2,6-Dichlorophenol	30	10/05/93	B099Q5	1.59 U
		2-Chlorophenol	30	10/05/93	B099Q5	1.42 U
		2-Methylphenol	19	10/08/92	B07HP8	10.00 U
				1/18/93	B07ZD6	10.00 U
		2-Nitrophenol	30	10/05/93	B099Q5	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	10/05/93	B099Q5	1.35 U
		4,4'-DDD	17	1/18/93	B07ZD6	.10 U
				10/05/93	B099Q5	.00 U
		4,4'-DDE	17	1/18/93	B07ZD6	.05 U
				10/05/93	B099Q5	.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-8	4,4'-DDT	17	1/18/93	B07ZD6	.10 U
				10/05/93	B099Q5	.01 U
		4,6-Dinitro-2-methylphenol	30	10/05/93	B099Q5	1.18 U
		4-Chloro-3-methylphenol	30	10/05/93	B099Q5	1.12 U
		4-Methylphenol	19	10/08/92	B07HP8	10.00 U
				1/18/93	B07ZD6	10.00 U
		4-Nitrophenol	30	10/05/93	B099Q5	.65 U
		Aldrin	17	1/18/93	B07ZD6	.05 U
				10/05/93	B099Q5	.05 U
		Alpha-BHC	17	1/18/93	B07ZD6	.05 U
				10/05/93	B099Q5	.01 U
		Aluminum, filtered	34	10/05/93	B099Q5	32.50 U
					B099Q6	32.50 U
		Antimony, filtered	34	10/05/93	B099Q5	69.40 U
					B099Q6	69.40 U
		Barium, filtered	34	10/05/93	B099Q5	28.00 B
					B099Q6	27.00 B
		Beryllium, filtered	34	10/05/93	B099Q5	.81 U
					B099Q6	.81 U
		Beta-BHC	17	1/18/93	B07ZD6	.05 U
				10/05/93	B099Q5	.00 U
		Bromide	124	4/19/93	B08G01	52.80 UH
				10/05/93	B099Q5	52.80 U
		Cadmium, filtered	34	10/05/93	B099Q5	4.70 U
					B099Q6	4.70 U
		Calcium, filtered	34	10/05/93	B099Q5	29000.00 B
					B099Q6	29000.00 B
		Chlordane	17	1/18/93	B07ZD6	.10 U
				10/05/93	B099Q5	.01 U
		Chloride	124	4/19/93	B08G01	9500.00 H
				10/05/93	B099Q5	13000.00 D
		Chromium, filtered	34	10/05/93	B099Q5	43.00
					B099Q6	5.42 U
		Cobalt, filtered	34	10/05/93	B099Q5	4.05 U
					B099Q6	4.05 U
		Copper, filtered	34	10/05/93	B099Q5	6.10 L
					B099Q6	2.65 U
		Cresols (methylphenols)	30	10/05/93	B099Q5	4.66 U
		Decane	19	10/08/92	B07HP8	1000.00 U
				1/18/93	B07ZD6	1000.00 U
		Delta-BHC	17	1/18/93	B07ZD6	.10 U
				10/05/93	B099Q5	.00 U
		Dieldrin	17	1/18/93	B07ZD6	.05 U
				10/05/93	B099Q5	.02 U
		Dodecane	19	10/08/92	B07HP8	1000.00 U
				1/18/93	B07ZD6	1000.00 U
		Endosulfan I	17	1/18/93	B07ZD6	.10 U
				10/05/93	B099Q5	.00 U
		Endosulfan II	17	1/18/93	B07ZD6	.05 U
				10/05/93	B099Q5	.00 U
		Endosulfan sulfate	17	1/18/93	B07ZD6	.50 U
				10/05/93	B099Q5	.01 U
		Endrin	17	1/18/93	B07ZD6	.10 U
				10/05/93	B099Q5	.01 U
		Endrin Aldehyde	17	1/18/93	B07ZD6	.20 U
				10/05/93	B099Q5	.01 U
		Fluoride	124	4/19/93	B08G01	400.00 H
				10/05/93	B099Q5	400.00
		Heptachlor	17	1/18/93	B07ZD6	.05 U
				10/05/93	B099Q5	.00 U
		Heptachlor epoxide	17	1/18/93	B07ZD6	1.00 U
				10/05/93	B099Q5	.00 U
		Iron, filtered	34	10/05/93	B099Q5	370.00 B
					B099Q6	43.00 B
		Lead	40	10/05/93	B099Q5	.51 U
					B099Q6	.70 BL

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-8	Magnesium, filtered	34	10/05/93	B099Q5	8900.00
					B099Q6	8800.00
		Manganese, filtered	34	10/05/93	B099Q5	5.70 L
					B099Q6	3.10 L
		Methoxychlor	17	1/18/93	B07ZD6	2.00 U
				10/05/93	B099Q5	.10 U
		Naphthalene	19	10/08/92	B07HP8	10.00 U
				1/18/93	B07ZD6	10.00 U
		Nickel, filtered	34	10/05/93	B099Q5	17.90 U
					B099Q6	17.90 U
		Nitrate	124	4/19/93	B08G01	6700.00 H
				10/05/93	B099Q5	4900.00
		Nitrite	124	4/19/93	B08G01	38.30 UH
				10/05/93	B099Q5	38.30 U
		Pentachlorophenol	19	10/08/92	B07HP8	50.00 U
				1/18/93	B07ZD6	50.00 U
			30	10/05/93	B099Q5	.87 U
		Phenol	19	10/08/92	B07HP8	10.00 U
				1/18/93	B07ZD6	10.00 U
			30	10/05/93	B099Q5	.31 U
		Phosphate	124	4/19/93	B08G01	147.00 UH
				10/05/93	B099Q5	147.00 U
		Potassium, filtered	34	10/05/93	B099Q5	4800.00
					B099Q6	5200.00
		Silver, filtered	34	10/05/93	B099Q5	2.90 L
					B099Q6	2.87 U
		Sodium, filtered	34	10/05/93	B099Q5	18000.00 B
					B099Q6	18000.00 B
		Sulfate	124	4/19/93	B08G01	23000.00 H
				10/05/93	B099Q5	27000.00 D
		Tetrachlorophenols	30	10/05/93	B099Q5	1.05 U
		Tetradecane	19	10/08/92	B07HP8	1000.00 U
				1/18/93	B07ZD6	1000.00 U
		Tin, filtered	34	10/05/93	B099Q5	51.10 U
					B099Q6	51.10 U
		Toxaphene	17	1/18/93	B07ZD6	2.00 U
				10/05/93	B099Q5	.89 U
		Tributyl Phosphate	19	10/08/92	B07HP8	10.00 U
				1/18/93	B07ZD6	10.00 U
		Trichloroethene	30	10/05/93	B099Q5	1.11 U
		Vanadium, filtered	34	10/05/93	B099Q5	29.00 L
					B099Q6	24.00 L
		Zinc, filtered	34	10/05/93	B099Q5	4.50 LB
					B099Q6	3.80 LB
		gamma-BHC (Lindane)	17	1/18/93	B07ZD6	.05 U
				10/05/93	B099Q5	.00 U
		m-Cresol	19	10/08/92	B07HP8	10.00 U
				1/18/93	B07ZD6	10.00 U
	299-E32-9	2-Methylphenol	19	10/08/92	B07HQ0	10.00 U
		4,4'-DDD	17	1/18/93	B07ZD8	.10 U
				10/04/93	B099Q7	.00 U
		4,4'-DDE	17	1/18/93	B07ZD8	.05 U
				10/04/93	B099Q7	.00 U
		4,4'-DDT	17	1/18/93	B07ZD8	.10 U
				10/04/93	B099Q7	.01 U
		4-Methylphenol	19	10/08/92	B07HQ0	10.00 U
		Aldrin	17	1/18/93	B07ZD8	.05 U
				10/04/93	B099Q7	.05 U
		Alpha-BHC	17	1/18/93	B07ZD8	.05 U
				10/04/93	B099Q7	.01 U
		Aluminum, filtered	34	10/04/93	B099Q7	210.00
					B099Q8	32.50 U
		Antimony, filtered	34	10/04/93	B099Q7	69.40 U
					B099Q8	69.40 U
		Barium, filtered	34	10/04/93	B099Q7	23.00
					B099Q8	21.00

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-9	Beryllium, filtered	34	10/04/93	B099Q7	.81 U
					B099Q8	.81 U
		Beta-BHC	17	1/18/93	B07ZD8	.05 U
				10/04/93	B099Q7	.00 U
		Bromide	124	4/19/93	B08G03	52.80 UH
				10/04/93	B099Q7	52.80 U
		Cadmium, filtered	34	10/04/93	B099Q7	4.70 U
					B099Q8	4.70 U
		Calcium, filtered	34	10/04/93	B099Q7	29000.00 B
					B099Q8	28000.00 B
		Chlordane	17	1/18/93	B07ZD8	.10 U
				10/04/93	B099Q7	.01 U
		Chloride	124	4/19/93	B08G03	9200.00 H
				10/04/93	B099Q7	13000.00 D
		Chromium, filtered	34	10/04/93	B099Q7	210.00
					B099Q8	5.42 U
		Cobalt, filtered	34	10/04/93	B099Q7	4.05 U
					B099Q8	4.05 U
		Copper, filtered	34	10/04/93	B099Q7	12.00 L
					B099Q8	5.70 L
		Decane	19	10/08/92	B07HQ0	1000.00 U
		Delta-BHC	17	1/18/93	B07ZD8	.10 U
				10/04/93	B099Q7	.00 U
		Dieldrin	17	1/18/93	B07ZD8	.05 U
				10/04/93	B099Q7	.02 U
		Dodecane	19	10/08/92	B07HQ0	1000.00 U
		Endosulfan I	17	1/18/93	B07ZD8	.10 U
				10/04/93	B099Q7	.00 U
		Endosulfan II	17	1/18/93	B07ZD8	.05 U
				10/04/93	B099Q7	.00 U
		Endosulfan sulfate	17	1/18/93	B07ZD8	.50 U
				10/04/93	B099Q7	.01 U
		Endrin	17	1/18/93	B07ZD8	.10 U
				10/04/93	B099Q7	.01 U
		Endrin Aldehyde	17	1/18/93	B07ZD8	.20 U
				10/04/93	B099Q7	.01 U
		Fluoride	124	4/19/93	B08G03	300.00 H
				10/04/93	B099Q7	500.00
		Heptachlor	17	1/18/93	B07ZD8	.05 U
				10/04/93	B099Q7	.00 U
		Heptachlor epoxide	17	1/18/93	B07ZD8	1.00 U
				10/04/93	B099Q7	.00 U
		Iron, filtered	34	10/04/93	B099Q7	1100.00
					B099Q8	30.00
		Magnesium, filtered	34	10/04/93	B099Q7	9100.00
					B099Q8	8900.00
		Manganese, filtered	34	10/04/93	B099Q7	23.00
					B099Q8	3.00 L
		Methoxychlor	17	1/18/93	B07ZD8	2.00 U
				10/04/93	B099Q7	.10 U
		Naphthalene	19	10/08/92	B07HQ0	10.00 U
		Nickel, filtered	34	10/04/93	B099Q7	99.00
					B099Q8	17.90 U
		Nitrate	124	4/19/93	B08G03	4400.00 H
				10/04/93	B099Q7	4500.00
		Nitrite	124	4/19/93	B08G03	38.30 UH
				10/04/93	B099Q7	38.30 U
		Pentachlorophenol	19	10/08/92	B07HQ0	50.00 U
		Phenol	19	10/08/92	B07HQ0	10.00 U
		Phosphate	124	4/19/93	B08G03	147.00 UH
				10/04/93	B099Q7	147.00 U
		Potassium, filtered	34	10/04/93	B099Q7	5300.00
					B099Q8	5100.00
		Silver, filtered	34	10/04/93	B099Q7	2.90 L
					B099Q8	3.10 L
		Sodium, filtered	34	10/04/93	B099Q7	17000.00 B
					B099Q8	16000.00 B

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E32-9	Sulfate	124	4/19/93	B08G03	24000.00 H
				10/04/93	B099Q7	27000.00 D
		Tetradecane	19	10/08/92	B07HQ0	1000.00 U
		Tin, filtered	34	10/04/93	B099Q7	51.10 U
					B099Q8	51.10 U
		Toxaphene	17	1/18/93	B07ZD8	2.00 U
				10/04/93	B099Q7	.89 U
		Tributyl Phosphate	19	10/08/92	B07HQ0	10.00 U
		Vanadium, filtered	34	10/04/93	B099Q7	25.00 L
					B099Q8	24.00 L
		Zinc, filtered	34	10/04/93	B099Q7	13.00 B
					B099Q8	6.90 LB
		gamma-BHC (Lindane)	17	1/18/93	B07ZD8	.05 U
				10/04/93	B099Q7	.00 U
		m-Cresol	19	10/08/92	B07HQ0	10.00 U
	299-E33-28	2,4,6-Trichlorophenol	30	10/05/93	B099Q9	1.45 U
		2,4-Dichlorophenol	30	10/05/93	B099Q9	1.50 U
		2,4-Dimethylphenol	30	10/05/93	B099Q9	1.01 U
		2,4-Dinitrophenol	30	10/05/93	B099Q9	.96 U
		2,6-Dichlorophenol	30	10/05/93	B099Q9	1.59 U
		2-Chlorophenol	30	10/05/93	B099Q9	1.42 U
		2-Methylphenol	19	10/08/92	B07HQ2	10.00 UH
				1/21/93	B07ZF0	10.00 U
		2-Nitrophenol	30	10/05/93	B099Q9	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	10/05/93	B099Q9	1.35 U
		4,4'-DDD	17	10/05/93	B099Q9	.00 U
		4,4'-DDE	17	10/05/93	B099Q9	.00 U
		4,4'-DDT	17	10/05/93	B099Q9	.01 U
		4,6-Dinitro-2-methylphenol	30	10/05/93	B099Q9	1.18 U
		4-Chloro-3-methylphenol	30	10/05/93	B099Q9	1.12 U
		4-Methylphenol	19	10/08/92	B07HQ2	10.00 UH
				1/21/93	B07ZF0	10.00 U
		4-Nitrophenol	30	10/05/93	B099Q9	.65 U
		Aldrin	17	10/05/93	B099Q9	.05 U
		Alpha-BHC	17	10/05/93	B099Q9	.01 U
		Aluminum, filtered	34	10/05/93	B099Q9	55.00 L
					B099R0	32.50 U
		Antimony, filtered	34	10/05/93	B099Q9	69.40 U
					B099R0	69.40 U
		Barium, filtered	34	10/05/93	B099Q9	37.00 B
					B099R0	37.00 B
		Beryllium, filtered	34	10/05/93	B099Q9	.81 U
					B099R0	.81 U
		Beta-BHC	17	10/05/93	B099Q9	.00 U
		Bromide	124	10/05/93	B099Q9	52.80 U
		Cadmium, filtered	34	10/05/93	B099Q9	4.70 U
					B099R0	4.70 U
		Calcium, filtered	34	10/05/93	B099Q9	30000.00 B
					B099R0	30000.00 B
		Chlordane	17	10/05/93	B099Q9	.01 U
		Chloride	124	10/05/93	B099Q9	14000.00 D
		Chromium, filtered	34	10/05/93	B099Q9	89.00
					B099R0	5.42 U
		Cobalt, filtered	34	10/05/93	B099Q9	4.05 U
					B099R0	4.05 U
		Copper, filtered	34	10/05/93	B099Q9	2.65 U
					B099R0	2.65 U
		Cresols (methylphenols)	30	10/05/93	B099Q9	4.66 U
		Decane	19	10/08/92	B07HQ2	1000.00 UH
				1/21/93	B07ZF0	1000.00 U
		Delta-BHC	17	10/05/93	B099Q9	.00 U
		Dieldrin	17	10/05/93	B099Q9	.02 U
		Dodecane	19	10/08/92	B07HQ2	1000.00 UH
				1/21/93	B07ZF0	1000.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E33-28	Endosulfan I	17	10/05/93	B099Q9	.00 U
		Endosulfan II	17	10/05/93	B099Q9	.00 U
		Endosulfan sulfate	17	10/05/93	B099Q9	.01 U
		Endrin	17	10/05/93	B099Q9	.01 U
		Endrin Aldehyde	17	10/05/93	B099Q9	.01 U
		Fluoride	124	10/05/93	B099Q9	400.00
		Heptachlor	17	10/05/93	B099Q9	.00 U
		Heptachlor epoxide	17	10/05/93	B099Q9	.00 U
		Iron, filtered	34	10/05/93	B099Q9	530.00 B
					B099R0	29.00 B
		Lead	40	10/05/93	B099Q9	2.80 BL
					B099R0	.51 U
		Magnesium, filtered	34	10/05/93	B099Q9	8800.00
					B099R0	8900.00
		Manganese, filtered	34	10/05/93	B099Q9	8.80 L
					B099R0	1.35 U
		Methoxychlor	17	10/05/93	B099Q9	.10 U
		Naphthalene	19	10/08/92	B07HQ2	10.00 UH
				1/21/93	B07ZF0	10.00 U
		Nickel, filtered	34	10/05/93	B099Q9	51.00
					B099R0	17.90 U
		Nitrate	124	10/05/93	B099Q9	4500.00
		Nitrite	124	10/05/93	B099Q9	38.30 U
		Pentachlorophenol	19	10/08/92	B07HQ2	50.00 UH
				1/21/93	B07ZF0	50.00 U
			30	10/05/93	B099Q9	.87 U
		Phenol	19	10/08/92	B07HQ2	10.00 UH
				1/21/93	B07ZF0	10.00 U
			30	10/05/93	B099Q9	.31 U
		Phosphate	124	10/05/93	B099Q9	147.00 U
		Potassium, filtered	34	10/05/93	B099Q9	5400.00
					B099R0	5000.00
		Silver, filtered	34	10/05/93	B099Q9	3.70 L
					B099R0	2.87 U
		Sodium, filtered	34	10/05/93	B099Q9	17000.00 B
					B099R0	18000.00 B
		Sulfate	124	10/05/93	B099Q9	27000.00 D
		Tetrachlorophenols	30	10/05/93	B099Q9	1.05 U
		Tetradecane	19	10/08/92	B07HQ2	1000.00 UH
				1/21/93	B07ZF0	1000.00 U
		Tin, filtered	34	10/05/93	B099Q9	51.10 U
					B099R0	51.10 U
		Toxaphene	17	10/05/93	B099Q9	.89 U
		Tributyl Phosphate	19	10/08/92	B07HQ2	10.00 UH
				1/21/93	B07ZF0	10.00 U
		Trichloroethene	30	10/05/93	B099Q9	1.11 U
		Vanadium, filtered	34	10/05/93	B099Q9	28.00 L
					B099R0	23.00 L
		Zinc, filtered	34	10/05/93	B099Q9	5.10 LB
					B099R0	1.50 LB
		gamma-BHC (Lindane)	17	10/05/93	B099Q9	.00 U
		m-Cresol	19	10/08/92	B07HQ2	10.00 UH
				1/21/93	B07ZF0	10.00 U
	299-E33-29	2,4,6-Trichlorophenol	30	10/05/93	B099R1	1.45 U
		2,4-Dichlorophenol	30	10/05/93	B099R1	1.50 U
		2,4-Dimethylphenol	30	10/05/93	B099R1	1.01 U
		2,4-Dinitrophenol	30	10/05/93	B099R1	.96 U
		2,6-Dichlorophenol	30	10/05/93	B099R1	1.59 U
		2-Chlorophenol	30	10/05/93	B099R1	1.42 U
		2-Methylphenol	19	10/08/92	B07HQ4	10.00 U
				1/22/93	B07ZF2	10.00 U
		2-Nitrophenol	30	10/05/93	B099R1	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	10/05/93	B099R1	1.35 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E33-29	4,4'-DDD	17	10/05/93	B099R1	.00 U
		4,4'-DDE	17	10/05/93	B099R1	.00 U
		4,4'-DDT	17	10/05/93	B099R1	.01 U
		4,6-Dinitro-2-methylphenol	30	10/05/93	B099R1	1.18 U
		4-Chloro-3-methylphenol	30	10/05/93	B099R1	1.12 U
		4-Methylphenol	19	10/08/92	B07HQ4	10.00 U
				1/22/93	B07ZF2	10.00 U
		4-Nitrophenol	30	10/05/93	B099R1	.65 U
		Aldrin	17	10/05/93	B099R1	.05 U
		Alpha-BHC	17	10/05/93	B099R1	.01 U
		Aluminum, filtered	34	10/05/93	B099R1	32.50 U
					B099R2	32.50 U
		Antimony, filtered	34	10/05/93	B099R1	69.40 U
					B099R2	69.40 U
		Barium, filtered	34	10/05/93	B099R1	37.00 B
					B099R2	37.00 B
		Beryllium, filtered	34	10/05/93	B099R1	.81 U
					B099R2	.81 U
		Beta-BHC	17	10/05/93	B099R1	.00 U
		Bromide	124	10/05/93	B099R1	52.80 U
		Cadmium, filtered	34	10/05/93	B099R1	4.70 U
					B099R2	4.70 U
		Calcium, filtered	34	10/05/93	B099R1	29000.00 B
					B099R2	29000.00 B
		Chlordane	17	10/05/93	B099R1	.01 U
		Chloride	124	10/05/93	B099R1	13000.00 D
		Chromium, filtered	34	10/05/93	B099R1	100.00
					B099R2	5.42 U
		Cobalt, filtered	34	10/05/93	B099R1	4.05 U
					B099R2	4.05 U
		Copper, filtered	34	10/05/93	B099R1	2.65 U
					B099R2	2.65 U
		Cresols (methylphenols)	30	10/05/93	B099R1	4.66 U
		Decane	19	10/08/92	B07HQ4	1000.00 U
				1/22/93	B07ZF2	1000.00 U
		Delta-BHC	17	10/05/93	B099R1	.00 U
		Dieldrin	17	10/05/93	B099R1	.02 U
		Dodecane	19	10/08/92	B07HQ4	1000.00 U
				1/22/93	B07ZF2	1000.00 U
		Endosulfan I	17	10/05/93	B099R1	.00 U
		Endosulfan II	17	10/05/93	B099R1	.00 U
		Endosulfan sulfate	17	10/05/93	B099R1	.01 U
		Endrin	17	10/05/93	B099R1	.01 U
		Endrin Aldehyde	17	10/05/93	B099R1	.01 U
		Fluoride	124	10/05/93	B099R1	500.00
		Heptachlor	17	10/05/93	B099R1	.00 U
		Heptachlor epoxide	17	10/05/93	B099R1	.00 U
		Iron, filtered	34	10/05/93	B099R1	470.00 B
					B099R2	29.00 B
		Lead	40	10/05/93	B099R1	.95 BL
					B099R2	.79 BL
		Magnesium, filtered	34	10/05/93	B099R1	8800.00
					B099R2	8900.00
		Manganese, filtered	34	10/05/93	B099R1	9.60 L
					B099R2	2.20 L
		Methoxychlor	17	10/05/93	B099R1	.10 U
		Naphthalene	19	10/08/92	B07HQ4	10.00 U
				1/22/93	B07ZF2	10.00 U
		Nickel, filtered	34	10/05/93	B099R1	50.00
					B099R2	17.90 U
		Nitrate	124	10/05/93	B099R1	8200.00
		Nitrite	124	10/05/93	B099R1	38.30 U
		Pentachlorophenol	19	10/08/92	B07HQ4	50.00 U
				1/22/93	B07ZF2	50.00 U
			30	10/05/93	B099R1	.87 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E33-29	Phenol	19	10/08/92	B07HQ4	10.00 U
				1/22/93	B07ZF2	10.00 U
			30	10/05/93	B099R1	.31 U
		Phosphate	124	10/05/93	B099R1	147.00 U
		Potassium, filtered	34	10/05/93	B099R1	5200.00
					B099R2	5500.00
		Silver, filtered	34	10/05/93	B099R1	2.87 U
					B099R2	3.60 L
		Sodium, filtered	34	10/05/93	B099R1	20000.00 B
					B099R2	20000.00 B
		Sulfate	124	10/05/93	B099R1	28000.00 D
		Tetrachlorophenols	30	10/05/93	B099R1	1.05 U
		Tetradecane	19	10/08/92	B07HQ4	1000.00 U
				1/22/93	B07ZF2	1000.00 U
		Tin, filtered	34	10/05/93	B099R1	51.10 U
					B099R2	51.10 U
		Toxaphene	17	10/05/93	B099R1	.89 U
		Tributyl Phosphate	19	10/08/92	B07HQ4	10.00 U
				1/22/93	B07ZF2	10.00 U
		Trichloroethene	30	10/05/93	B099R1	1.11 U
		Vanadium, filtered	34	10/05/93	B099R1	25.00 L
					B099R2	24.00 L
		Zinc, filtered	34	10/05/93	B099R1	4.40 LB
					B099R2	3.80 LB
		gamma-BHC (Lindane)	17	10/05/93	B099R1	.00 U
		m-Cresol	19	10/08/92	B07HQ4	10.00 U
				1/22/93	B07ZF2	10.00 U
	299-E33-30	2,4,5-T	49	8/06/93	B08RM4	.38 UDH
		2,4,5-TP	49	8/06/93	B08RM4	.41 UDH
		2,4,6-Trichlorophenol	30	10/05/93	B099R3	1.45 U
		2,4-D	49	8/06/93	B08RM4	.19 UDH
		2,4-Dichlorophenol	30	10/05/93	B099R3	1.50 U
		2,4-Dimethylphenol	30	10/05/93	B099R3	1.01 U
		2,4-Dinitrophenol	30	10/05/93	B099R3	.96 U
		2,6-Dichlorophenol	30	10/05/93	B099R3	1.59 U
		2-Chlorophenol	30	10/05/93	B099R3	1.42 U
		2-Methylphenol	19	10/08/92	B07HQ6	10.00 U
				1/19/93	B07ZF4	10.00 U
		2-Nitrophenol	30	10/05/93	B099R3	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	10/05/93	B099R3	1.35 U
			49	8/06/93	B08RM4	.27 UDH
		4,4'-DDD	17	10/05/93	B099R3	.00 U
		4,4'-DDE	17	10/05/93	B099R3	.00 U
		4,4'-DDT	17	10/05/93	B099R3	.01 U
		4,6-Dinitro-2-methylphenol	30	10/05/93	B099R3	1.18 U
		4-Chloro-3-methylphenol	30	10/05/93	B099R3	1.12 U
		4-Methylphenol	19	10/08/92	B07HQ6	10.00 U
				1/19/93	B07ZF4	10.00 U
		4-Nitrophenol	30	10/05/93	B099R3	.65 U
		Aldrin	17	10/05/93	B099R3	.05 U
		Alpha-BHC	17	10/05/93	B099R3	.01 U
		Aluminum, filtered	34	10/05/93	B099R3	32.50 U
					B099R4	32.50 U
		Antimony, filtered	34	10/05/93	B099R3	69.40 U
					B099R4	69.40 U
		Barium, filtered	34	10/05/93	B099R3	26.00 B
					B099R4	23.00 B
		Beryllium, filtered	34	10/05/93	B099R3	.81 U
					B099R4	.81 U
		Beta-BHC	17	10/05/93	B099R3	.00 U
		Bromide	124	10/05/93	B099R3	52.80 U
		Cadmium, filtered	34	10/05/93	B099R3	4.70 U
					B099R4	4.70 U
		Calcium, filtered	34	10/05/93	B099R3	28000.00 B
					B099R4	28000.00 B

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E33-30	Chlordane	17	10/05/93	B099R3	.01 U
		Chloride	124	10/05/93	B099R3	13000.00 D
		Chromium, filtered	34	10/05/93	B099R3	120.00
					B099R4	5.42 U
		Cobalt, filtered	34	10/05/93	B099R3	4.05 U
					B099R4	4.05 U
		Copper, filtered	34	10/05/93	B099R3	2.65 U
					B099R4	7.30 L
		Cresols (methylphenols)	30	10/05/93	B099R3	4.66 U
		Decane	19	10/08/92	B07HQ6	1000.00 U
				1/19/93	B07ZF4	1000.00 U
		Delta-BHC	17	10/05/93	B099R3	.00 U
		Dieldrin	17	10/05/93	B099R3	.02 U
		Dodecane	19	10/08/92	B07HQ6	1000.00 U
				1/19/93	B07ZF4	1000.00 U
		Endosulfan I	17	10/05/93	B099R3	.00 U
		Endosulfan II	17	10/05/93	B099R3	.00 U
		Endosulfan sulfate	17	10/05/93	B099R3	.01 U
		Endrin	17	10/05/93	B099R3	.01 U
		Endrin Aldehyde	17	10/05/93	B099R3	.01 U
		Fluoride	124	10/05/93	B099R3	600.00
		Heptachlor	17	10/05/93	B099R3	.00 U
		Heptachlor epoxide	17	10/05/93	B099R3	.00 U
		Iron, filtered	34	10/05/93	B099R3	520.00 B
					B099R4	32.00 B
		Lead	40	10/05/93	B099R3	1.30 BL
					B099R4	2.00 BL
		Magnesium, filtered	34	10/05/93	B099R3	8700.00
					B099R4	8700.00
		Manganese, filtered	34	10/05/93	B099R3	9.60 L
					B099R4	1.35 U
		Methoxychlor	17	10/05/93	B099R3	.10 U
		Naphthalene	19	10/08/92	B07HQ6	10.00 U
				1/19/93	B07ZF4	10.00 U
		Nickel, filtered	34	10/05/93	B099R3	66.00
					B099R4	17.90 U
		Nitrate	124	10/05/93	B099R3	6900.00
		Nitrite	124	10/05/93	B099R3	38.30 U
		Pentachlorophenol	19	10/08/92	B07HQ6	50.00 U
				1/19/93	B07ZF4	50.00 U
			30	10/05/93	B099R3	.87 U
		Phenol	19	10/08/92	B07HQ6	10.00 U
				1/19/93	B07ZF4	10.00 U
			30	10/05/93	B099R3	.31 U
		Phosphate	124	10/05/93	B099R3	147.00 U
		Potassium, filtered	34	10/05/93	B099R3	5700.00
					B099R4	6000.00
		Silver, filtered	34	10/05/93	B099R3	2.87 U
					B099R4	2.87 U
		Sodium, filtered	34	10/05/93	B099R3	20000.00 B
					B099R4	21000.00 B
		Sulfate	124	10/05/93	B099R3	28000.00 D
		Tetrachlorophenols	30	10/05/93	B099R3	1.05 U
		Tetradecane	19	10/08/92	B07HQ6	1000.00 U
				1/19/93	B07ZF4	1000.00 U
		Tin, filtered	34	10/05/93	B099R3	51.10 U
					B099R4	51.10 U
		Toxaphene	17	10/05/93	B099R3	.89 U
		Tributyl Phosphate	19	10/08/92	B07HQ6	10.00 U
				1/19/93	B07ZF4	10.00 U
		Trichloroethene	30	10/05/93	B099R3	1.11 U
		Vanadium, filtered	34	10/05/93	B099R3	24.00 L
					B099R4	23.00 L
		Zinc, filtered	34	10/05/93	B099R3	4.30 LB
					B099R4	3.00 LB
		gamma-BHC (Lindane)	17	10/05/93	B099R3	.00 U
		m-Cresol	19	10/08/92	B07HQ6	10.00 U
				1/19/93	B07ZF4	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E33-34	2,4,5-T	49	8/06/93	B08RM6	.38 U
					B08RM7	.38 U
		2,4,5-TP	49	8/06/93	B08RM6	.41 U
					B08RM7	.41 U
		2,4,6-Trichlorophenol	30	10/06/93	B099R5	1.45 U
		2,4-D	49	8/06/93	B08RM6	.19 U
					B08RM7	.19 U
		2,4-Dichlorophenol	30	10/06/93	B099R5	1.50 U
		2,4-Dimethylphenol	30	10/06/93	B099R5	1.01 U
		2,4-Dinitrophenol	30	10/06/93	B099R5	.96 U
		2,6-Dichlorophenol	30	10/06/93	B099R5	1.59 U
		2-Chlorophenol	30	10/06/93	B099R5	1.42 U
		2-Methylphenol	19	10/08/92	B07HQ8	10.00 U
		2-Nitrophenol	30	10/06/93	B099R5	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	10/06/93	B099R5	1.35 U
			49	8/06/93	B08RM6	.27 U
					B08RM7	.27 U
		4,6-Dinitro-2-methylphenol	30	10/06/93	B099R5	1.18 U
		4-Chloro-3-methylphenol	30	10/06/93	B099R5	1.12 U
		4-Methylphenol	19	10/08/92	B07HQ8	10.00 U
		4-Nitrophenol	30	10/06/93	B099R5	.65 U
		Bromide	124	4/19/93	B08G48	52.80 UH
		Chloride	124	4/19/93	B08G48	6200.00 H
		Cresols (methylphenols)	30	10/06/93	B099R5	4.66 U
		Decane	19	10/08/92	B07HQ8	1000.00 U
		Dodecane	19	10/08/92	B07HQ8	1000.00 U
		Fluoride	124	4/19/93	B08G48	400.00 H
		Naphthalene	19	10/08/92	B07HQ8	10.00 U
		Nitrate	124	4/19/93	B08G48	42000.00 H
		Nitrite	124	4/19/93	B08G48	38.30 UH
		Pentachlorophenol	19	10/08/92	B07HQ8	50.00 U
			30	10/06/93	B099R5	.87 U
		Phenol	19	10/08/92	B07HQ8	10.00 U
			30	10/06/93	B099R5	.31 U
		Phosphate	124	4/19/93	B08G48	147.00 UH
		Sulfate	124	4/19/93	B08G48	28000.00 H
		Tetrachlorophenols	30	10/06/93	B099R5	1.05 U
		Tetradecane	19	10/08/92	B07HQ8	1000.00 U
		Tributyl Phosphate	19	10/08/92	B07HQ8	10.00 U
		Trichloroethene	30	10/06/93	B099R5	1.11 U
		m-Cresol	19	10/08/92	B07HQ8	10.00 U
	299-E33-35	2,4,5-T	49	8/06/93	B08RN0	.38 U
		2,4,5-TP	49	8/06/93	B08RN0	.41 U
		2,4,6-Trichlorophenol	30	10/06/93	B099R7	1.45 U
		2,4-D	49	8/06/93	B08RN0	.19 U
		2,4-Dichlorophenol	30	10/06/93	B099R7	1.50 U
		2,4-Dimethylphenol	30	10/06/93	B099R7	1.01 U
		2,4-Dinitrophenol	30	10/06/93	B099R7	.96 U
		2,6-Dichlorophenol	30	10/06/93	B099R7	1.59 U
		2-Chlorophenol	30	10/06/93	B099R7	1.42 U
		2-Methylphenol	19	10/08/92	B07HR0	10.00 U
				1/19/93	B07ZF8	10.00 U
					B07ZF9	10.00 U
		2-Nitrophenol	30	10/06/93	B099R7	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	10/06/93	B099R7	1.35 U
			49	8/06/93	B08RN0	.27 U
		4,6-Dinitro-2-methylphenol	30	10/06/93	B099R7	1.18 U
		4-Chloro-3-methylphenol	30	10/06/93	B099R7	1.12 U
		4-Methylphenol	19	10/08/92	B07HR0	10.00 U
				1/19/93	B07ZF8	10.00 U
					B07ZF9	10.00 U
		4-Nitrophenol	30	10/06/93	B099R7	.65 U
		Cresols (methylphenols)	30	10/06/93	B099R7	4.66 U
		Decane	19	10/08/92	B07HR0	1000.00 U
				1/19/93	B07ZF8	1000.00 U
					B07ZF9	1000.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E33-35	Dodecane	19	10/08/92	B07HR0	1000.00 U
				1/19/93	B07ZF8	1000.00 U
					B07ZF9	1000.00 U
		Naphthalene	19	10/08/92	B07HR0	10.00 U
				1/19/93	B07ZF8	10.00 U
					B07ZF9	10.00 U
		Pentachlorophenol	19	10/08/92	B07HR0	50.00 U
				1/19/93	B07ZF8	50.00 U
					B07ZF9	50.00 U
			30	10/06/93	B099R7	.87 U
		Phenol	19	10/08/92	B07HR0	10.00 U
				1/19/93	B07ZF8	10.00 U
					B07ZF9	10.00 U
			30	10/06/93	B099R7	.31 U
		Tetrachlorophenols	30	10/06/93	B099R7	1.05 U
		Tetradecane	19	10/08/92	B07HR0	1000.00 U
				1/19/93	B07ZF8	1000.00 U
					B07ZF9	1000.00 U
		Tributyl Phosphate	19	10/08/92	B07HR0	10.00 U
				1/19/93	B07ZF8	10.00 U
					B07ZF9	10.00 U
		Trichloroethene	30	10/06/93	B099R7	1.11 U
		m-Cresol	19	10/08/92	B07HR0	10.00 U
				1/19/93	B07ZF8	10.00 U
					B07ZF9	10.00 U
	299-E34-10	Aroclor-1016	17	4/20/93	B08FX1	.19 U
		Aroclor-1221	17	4/20/93	B08FX1	.14 U
		Aroclor-1232	17	4/20/93	B08FX1	.11 U
		Aroclor-1242	17	4/20/93	B08FX1	.11 U
		Aroclor-1248	17	4/20/93	B08FX1	.04 U
		Aroclor-1254	17	4/20/93	B08FX1	.10 U
		Aroclor-1260	17	4/20/93	B08FX1	.11 U
	299-E34-11	2-Methylphenol	19	1/21/93	B07Z60	10.00 U
		4,4'-DDD	17	11/18/92	B07PM9	.10 U
		4,4'-DDE	17	11/18/92	B07PM9	.05 U
		4,4'-DDT	17	11/18/92	B07PM9	.10 U
		4-Methylphenol	19	1/21/93	B07Z60	10.00 U
		Aldrin	17	11/18/92	B07PM9	.05 U
		Alpha-BHC	17	11/18/92	B07PM9	.05 U
		Aroclor-1016	17	11/18/92	B07PM9	1.00 U
		Aroclor-1221	17	11/18/92	B07PM9	1.00 U
		Aroclor-1232	17	11/18/92	B07PM9	1.00 U
		Aroclor-1242	17	11/18/92	B07PM9	1.00 U
		Aroclor-1248	17	11/18/92	B07PM9	1.00 U
		Aroclor-1254	17	11/18/92	B07PM9	1.00 U
		Aroclor-1260	17	11/18/92	B07PM9	1.00 U
		Beta-BHC	17	11/18/92	B07PM9	.05 U
		Bromide	124	4/19/93	B08G41	52.80 UH
		Chlordane	17	11/18/92	B07PM9	.10 U
		Chloride	124	4/19/93	B08G41	12000.00 H
		Decane	19	1/21/93	B07Z60	1000.00 U
		Delta-BHC	17	11/18/92	B07PM9	.10 U
		Dieldrin	17	11/18/92	B07PM9	.05 U
		Disulfoton	29	4/19/93	B08G41	.12 U
		Dodecane	19	1/21/93	B07Z60	1000.00 U
		Endosulfan I	17	11/18/92	B07PM9	.10 U
		Endosulfan II	17	11/18/92	B07PM9	.05 U
		Endosulfan sulfate	17	11/18/92	B07PM9	.50 U
		Endrin	17	11/18/92	B07PM9	.10 U
		Endrin Aldehyde	17	11/18/92	B07PM9	.20 U
		Fluoride	124	4/19/93	B08G41	500.00 H
		Heptachlor	17	11/18/92	B07PM9	.05 U
		Heptachlor epoxide	17	11/18/92	B07PM9	1.00 U
		Methoxychlor	17	11/18/92	B07PM9	2.00 U
		Methyl parathion	29	4/19/93	B08G41	.24 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-E34-11	Naphthalene	19	1/21/93	B07Z60	10.00 U
		Nitrate	124	4/19/93	B08G41	11000.00 H
		Nitrite	124	4/19/93	B08G41	38.30 UH
		Pentachlorophenol	19	1/21/93	B07Z60	50.00 U
		Phenol	19	1/21/93	B07Z60	10.00 U
		Phorate	29	4/19/93	B08G41	.10 U
		Phosphate	124	4/19/93	B08G41	147.00 UH
		Sulfate	124	4/19/93	B08G41	62000.00 H
		Tetradecane	19	1/21/93	B07Z60	1000.00 U
		Toxaphene	17	11/18/92	B07PM9	2.00 U
		Tributyl Phosphate	19	1/21/93	B07Z60	10.00 U
		gamma-BHC (Lindane)	17	11/18/92	B07PM9	.05 U
		m-Cresol	19	1/21/93	B07Z60	10.00 U
	299-E34-12	2-Methylphenol	19	1/22/93	B07Z67	10.00 U
		4,4'-DDD	17	11/18/92	B07PN4	.10 U
		4,4'-DDE	17	11/18/92	B07PN4	.05 U
		4,4'-DDT	17	11/18/92	B07PN4	.10 U
		4-Methylphenol	19	1/22/93	B07Z67	10.00 U
		Aldrin	17	11/18/92	B07PN4	.05 U
		Alpha-BHC	17	11/18/92	B07PN4	.05 U
		Aroclor-1016	17	11/18/92	B07PN4	1.00 U
		Aroclor-1221	17	11/18/92	B07PN4	1.00 U
		Aroclor-1232	17	11/18/92	B07PN4	1.00 U
		Aroclor-1242	17	11/18/92	B07PN4	1.00 U
		Aroclor-1248	17	11/18/92	B07PN4	1.00 U
		Aroclor-1254	17	11/18/92	B07PN4	1.00 U
		Aroclor-1260	17	11/18/92	B07PN4	1.00 U
		Beta-BHC	17	11/18/92	B07PN4	.05 U
		Chlordane	17	11/18/92	B07PN4	.10 U
		Decane	19	1/22/93	B07Z67	1000.00 U
		Delta-BHC	17	11/18/92	B07PN4	.10 U
		Dieldrin	17	11/18/92	B07PN4	.05 U
		Disulfoton	29	4/20/93	B08FX7	.12 U
		Dodecane	19	1/22/93	B07Z67	1000.00 U
		Endosulfan I	17	11/18/92	B07PN4	.10 U
		Endosulfan II	17	11/18/92	B07PN4	.05 U
		Endosulfan sulfate	17	11/18/92	B07PN4	.50 U
		Endrin	17	11/18/92	B07PN4	.10 U
		Endrin Aldehyde	17	11/18/92	B07PN4	.20 U
		Heptachlor	17	11/18/92	B07PN4	.05 U
		Heptachlor epoxide	17	11/18/92	B07PN4	1.00 U
		Methoxychlor	17	11/18/92	B07PN4	2.00 U
		Methyl parathion	29	4/20/93	B08FX7	.24 U
		Naphthalene	19	1/22/93	B07Z67	10.00 U
		Pentachlorophenol	19	1/22/93	B07Z67	50.00 U
		Phenol	19	1/22/93	B07Z67	10.00 U
		Phorate	29	4/20/93	B08FX7	.10 U
		Tetradecane	19	1/22/93	B07Z67	1000.00 U
		Toxaphene	17	11/18/92	B07PN4	2.00 U
		Tributyl Phosphate	19	1/22/93	B07Z67	10.00 U
		gamma-BHC (Lindane)	17	11/18/92	B07PN4	.05 U
		m-Cresol	19	1/22/93	B07Z67	10.00 U
	299-E34-3	Bromide	124	4/19/93	B08G16	52.80 UH
		Chloride	124	4/19/93	B08G16	7700.00 H
		Fluoride	124	4/19/93	B08G16	400.00 H
		Nitrate	124	4/19/93	B08G16	5200.00 H
		Nitrite	124	4/19/93	B08G16	38.30 UH
		Phosphate	124	4/19/93	B08G16	147.00 UH
		Sulfate	124	4/19/93	B08G16	41000.00 H
	299-E34-9	Bromide	124	4/19/93	B08G36	52.80 UH
		Chloride	124	4/19/93	B08G36	5900.00 H
		Fluoride	124	4/19/93	B08G36	300.00 H
		Nitrate	124	4/19/93	B08G36	9900.00 H
		Nitrite	124	4/19/93	B08G36	38.30 UH
		Phosphate	124	4/19/93	B08G36	147.00 UH
		Sulfate	124	4/19/93	B08G36	18000.00 H

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W10-14	1,2-Dichloroethene	16	9/07/93	B090Z4	1.20 U
		1-Butanol	16	9/07/93	B090Z4	13.10 U
		2-Methylphenol	19	12/04/92	B07M60	10.00 U
				2/09/93	B084C3	1.80 UD
					B084C4	1.80 UD
		4-Methyl-2-pentanone	16	9/07/93	B090Z4	.85 U
		4-Methylphenol	19	12/04/92	B07M60	10.00 U
				2/09/93	B084C3	3.54 UD
					B084C4	3.54 UD
		Acetone	16	9/07/93	B090Z4	13.40 U
		Ammonium ion	129	9/07/93	B090Z4	70.00 L
		Benzene	16	9/07/93	B090Z4	.65 U
		Carbon disulfide	16	9/07/93	B090Z4	.95 U
		Carbon tetrachloride	16	9/07/93	B090Z4	.87 U
		Decane	19	12/04/92	B07M60	1000.00 U
				2/09/93	B084C3	4.03 UD
					B084C4	4.03 UD
		Dodecane	19	12/04/92	B07M60	1000.00 U
				2/09/93	B084C3	3.62 UD
					B084C4	3.62 UD
		Ethyl cyanide	16	9/07/93	B090Z4	4.34 U
		Methyl ethyl ketone	16	9/07/93	B090Z4	4.25 U
		Naphthalene	19	12/04/92	B07M60	10.00 U
				2/09/93	B084C3	6.50 UD
					B084C4	6.50 UD
		Pentachlorophenol	19	12/04/92	B07M60	50.00 U
				2/09/93	B084C3	8.07 UD
					B084C4	8.07 UD
		Phenol	19	12/04/92	B07M60	10.00 U
				2/09/93	B084C3	.83 UD
					B084C4	.83 UD
		Tetrachloroethene	16	9/07/93	B090Z4	1.10 U
		Tetradecane	19	12/04/92	B07M60	1000.00 U
				2/09/93	B084C3	2.43 UD
					B084C4	2.43 UD
		Tetrahydrofuran	16	9/07/93	B090Z4	3.67 U
		Toluene	16	9/07/93	B090Z4	.73 U
		Tributyl Phosphate	19	12/04/92	B07M60	10.00 U
				2/09/93	B084C3	4.42 UD
					B084C4	4.42 UD
		Trichloroethene	16	9/07/93	B090Z4	.63 U
					B090Z4	.45 U
					B090Z4	.40 U
					B090Z4	.64 U
					B090Z4	.61 U
					B090Z4	.61 U
					B090Z4	.25 U
					B090Z4	.77 U
		Vinyl chloride	16	9/07/93	B090Z4	.78 U
		Xylenes (total)	16	9/07/93	B090Z4	1.70 U
		m-Cresol	19	12/04/92	B07M60	10.00 U
				2/09/93	B084C3	1.44 UD
					B084C4	1.44 UD
	299-W10-19	Ammonium ion	129	8/26/93	B090Z6	50.00 L
		Disulfoton	29	5/19/93	B08JK7	.12 U
					B08JK8	.12 U
		Methyl parathion	29	5/19/93	B08JK7	.24 U
					B08JK8	.24 U
		Phorate	29	5/19/93	B08JK7	.10 U
					B08JK8	.10 U
	299-W11-31	1,2-Dichloroethene	16	9/09/93	B09680	1.20 UD
		1-Butanol	16	9/09/93	B09680	13.10 UD
		4-Methyl-2-pentanone	16	9/09/93	B09680	.85 UD
		Acetone	16	9/09/93	B09680	13.40 UD
		Ammonium ion	129	9/09/93	B09680	80.00 L
		Benzene	16	9/09/93	B09680	.65 UD

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W11-31	Carbon disulfide	16	9/09/93	B09680	.95 UD
		Carbon tetrachloride	16	9/09/93	B09680	900.00 D
		Disulfoton	29	6/10/93	B08M99	.12 UX
		Ethyl cyanide	16	9/09/93	B09680	4.34 UD
		Methyl ethyl ketone	16	9/09/93	B09680	4.25 UD
		Methyl parathion	29	6/10/93	B08M99	.24 U
		Phorate	29	6/10/93	B08M99	.10 UX
		Tetrachloroethene	16	9/09/93	B09680	1.10 UD
		Tetrahydrofuran	16	9/09/93	B09680	3.67 UD
		Toluene	16	9/09/93	B09680	.73 UD
		Total Organic Halogen	67	9/09/93	B09680	730.00 P
					B09681	590.00 P
		Trichloroethene	16	9/09/93	B09680	.63 UD
					B09680	.45 UD
					B09680	.40 UD
					B09680	.64 UDQ
					B09680	.61 UD
					B09680	.61 UD
					B09680	.25 UD
					B09680	8.60 D
		Vinyl chloride	16	9/09/93	B09680	.78 UD
		Xylenes (total)	16	9/09/93	B09680	1.70 UD
	299-W15-15	1,2-Dichloroethene	16	8/16/93	B09130	1.20 UD
		1-Butanol	16	8/16/93	B09130	13.10 UD
		4-Methyl-2-pentanone	16	8/16/93	B09130	.85 UD
		Acetone	16	8/16/93	B09130	13.40 UD
		Benzene	16	8/16/93	B09130	.65 UD
			25	11/19/93	B09K54	.11 UH
		Carbon disulfide	16	8/16/93	B09130	.95 UD
		Carbon tetrachloride	16	8/16/93	B09130	1400.00 D
			25	11/19/93	B09K54	1200.00 DH
		Ethyl cyanide	16	8/16/93	B09130	4.34 UD
		Ethylbenzene	25	11/19/93	B09K54	.05 BLH
		Methyl ethyl ketone	16	8/16/93	B09130	4.25 UD
		Tetrachloroethene	16	8/16/93	B09130	1.10 UD
			25	11/19/93	B09K54	.19 BLH
		Tetrahydrofuran	16	8/16/93	B09130	3.67 UD
		Toluene	16	8/16/93	B09130	.73 UD
			25	11/19/93	B09K54	.06 UH
		Trichloroethene	16	8/16/93	B09130	.63 UD
					B09130	.45 UD
					B09130	.40 UD
					B09130	.64 UD
					B09130	6.70 LD
					B09130	.61 UD
					B09130	.25 UD
					B09130	.77 UD
			25	11/19/93	B09K54	.11 UH
					B09K54	.14 UH
					B09K54	.15 UH
					B09K54	7.10 H
					B09K54	.07 UH
					B09K54	.15 BLH
					B09K54	.34 UH
					B09K54	.04 UH
					B09K54	.54 LH
		Vinyl chloride	16	8/16/93	B09130	.78 UD
			25	11/19/93	B09K54	.27 UH
		Xylenes (total)	16	8/16/93	B09130	1.70 UD
			25	11/19/93	B09K54	.20 UH
		cis-1,2-Dichloroethylene	25	11/19/93	B09K54	.13 UH

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W15-16	1,2-Dichloroethene	16	8/16/93	B09135	1.20 UD
		1-Butanol	16	8/16/93	B09135	13.10 UD
		4,4'-DDD	17	2/11/93	B084D7	.00 UD
		4,4'-DDE	17	2/11/93	B084D7	.00 UD
		4,4'-DDT	17	2/11/93	B084D7	.01 UD
		4-Methyl-2-pentanone	16	8/16/93	B09135	.85 UD
		Acetone	16	8/16/93	B09135	13.40 UD
		Aldrin	17	2/11/93	B084D7	.05 UD
		Alpha-BHC	17	2/11/93	B084D7	.01 UD
		Benzene	16	8/16/93	B09135	.65 UD
		Beta-BHC	17	2/11/93	B084D7	.00 UD
		Carbon disulfide	16	8/16/93	B09135	.95 UD
		Carbon tetrachloride	16	8/16/93	B09135	7000.00 D
		Chlordane	17	2/11/93	B084D7	.01 UD
		Delta-BHC	17	2/11/93	B084D7	.00 UD
		Dieldrin	17	2/11/93	B084D7	.02 UD
		Endosulfan I	17	2/11/93	B084D7	.00 UD
		Endosulfan II	17	2/11/93	B084D7	.00 UD
		Endosulfan sulfate	17	2/11/93	B084D7	.01 UD
		Endrin	17	2/11/93	B084D7	.01 UD
		Endrin Aldehyde	17	2/11/93	B084D7	.01 UD
		Ethyl cyanide	16	8/16/93	B09135	4.34 UD
		Heptachlor	17	2/11/93	B084D7	.00 UD
		Heptachlor epoxide	17	2/11/93	B084D7	.00 UD
		Methoxychlor	17	2/11/93	B084D7	.10 UD
		Methyl ethyl ketone	16	8/16/93	B09135	4.25 UD
		Tetrachloroethene	16	8/16/93	B09135	1.10 UD
		Tetrahydrofuran	16	8/16/93	B09135	3.67 UD
		Toluene	16	8/16/93	B09135	.73 UD
		Toxaphene	17	2/11/93	B084D7	.89 UD
		Trichloroethene	16	8/16/93	B09135	.63 UD
					B09135	.45 UD
					B09135	.40 UD
					B09135	.64 UD
					B09135	32.00 LD
					B09135	.61 UD
					B09135	.25 UD
					B09135	.77 UD
		Vinyl chloride	16	8/16/93	B09135	.78 UD
		Xylenes (total)	16	8/16/93	B09135	1.70 UD
		gamma-BHC (Lindane)	17	2/11/93	B084D7	.00 UD
	299-W15-17	1,2-Dichloroethene	16	9/08/93	B09140	1.20 U
		1-Butanol	16	9/08/93	B09140	13.10 U
		4-Methyl-2-pentanone	16	9/08/93	B09140	.85 U
		Acetone	16	9/08/93	B09140	13.40 U
		Benzene	16	9/08/93	B09140	.65 U
		Carbon disulfide	16	9/08/93	B09140	.95 U
		Carbon tetrachloride	16	9/08/93	B09140	1.80 L
		Ethyl cyanide	16	9/08/93	B09140	4.34 U
		Methyl ethyl ketone	16	9/08/93	B09140	4.25 U
		Tetrachloroethene	16	9/08/93	B09140	1.10 U
		Tetrahydrofuran	16	9/08/93	B09140	3.67 U
		Toluene	16	9/08/93	B09140	.73 U
		Trichloroethene	16	9/08/93	B09140	.63 U
					B09140	.45 U
					B09140	.40 U
					B09140	.64 U
					B09140	.61 U
					B09140	.61 U
					B09140	.25 U
					B09140	.77 U
		Vinyl chloride	16	9/08/93	B09140	.78 U
		Xylenes (total)	16	9/08/93	B09140	1.70 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W15-18	1,2-Dichloroethene	16	8/16/93	B09145	1.20 UD
		1-Butanol	16	8/16/93	B09145	13.10 UD
		4-Methyl-2-pentanone	16	8/16/93	B09145	.85 UD
		Acetone	16	8/16/93	B09145	13.40 UD
		Benzene	16	8/16/93	B09145	.65 UD
		Carbon disulfide	16	8/16/93	B09145	.95 UD
		Carbon tetrachloride	16	8/16/93	B09145	1900.00 D
		Ethyl cyanide	16	8/16/93	B09145	4.34 UD
		Methyl ethyl ketone	16	8/16/93	B09145	4.25 UD
		Tetrachloroethene	16	8/16/93	B09145	1.10 UD
		Tetrahydrofuran	16	8/16/93	B09145	3.67 UD
		Toluene	16	8/16/93	B09145	.73 UD
		Trichloroethene	16	8/16/93	B09145	.63 UD
					B09145	.45 UD
					B09145	.40 UD
					B09145	.64 UD
					B09145	13.00 LD
					B09145	.61 UD
					B09145	.25 UD
					B09145	.77 UD
		Vinyl chloride	16	8/16/93	B09145	.78 UD
		Xylenes (total)	16	8/16/93	B09145	1.70 UD
	299-W15-20	Benzene	25	11/19/93	B09K79	.16 LH
		Carbon tetrachloride	25	11/19/93	B09K79	82.00 DH
		Ethylbenzene	25	11/19/93	B09K79	.06 BLH
		Tetrachloroethene	25	11/19/93	B09K79	.06 BLH
		Toluene	25	11/19/93	B09K79	.07 LH
		Trichloroethene	25	11/19/93	B09K79	.11 UH
					B09K79	.14 UH
					B09K79	.15 UH
					B09K79	6.30 H
					B09K79	.07 UH
					B09K79	.30 BLH
					B09K79	.34 UH
					B09K79	.04 UH
					B09K79	.11 LH
		Vinyl chloride	25	11/19/93	B09K79	.27 UH
		Xylenes (total)	25	11/19/93	B09K79	.20 UH
		cis-1,2-Dichloroethylene	25	11/19/93	B09K79	.13 UH
	299-W15-23	Benzene	25	11/19/93	B09K84	.11 UH
		Carbon tetrachloride	25	11/19/93	B09K84	150.00 DH
		Ethylbenzene	25	11/19/93	B09K84	.05 UH
		Tetrachloroethene	25	11/19/93	B09K84	.05 UH
		Toluene	25	11/19/93	B09K84	.06 UH
		Trichloroethene	25	11/19/93	B09K84	.11 UH
					B09K84	.14 UH
					B09K84	.15 UH
					B09K84	1.30 H
					B09K84	.07 UH
					B09K84	.33 BLH
					B09K84	.34 UH
					B09K84	.04 UH
					B09K84	.10 LH
		Vinyl chloride	25	11/19/93	B09K84	.27 UH
		Xylenes (total)	25	11/19/93	B09K84	.20 UH
		cis-1,2-Dichloroethylene	25	11/19/93	B09K84	.13 UH
	299-W15-24	2,4-Dichlorophenol	19	11/29/93	B09K89	2.80 U
		2-Methylphenol	19	11/29/93	B09K89	1.80 U
		2-Nitrophenol	19	11/29/93	B09K89	3.96 U
		4-Methylphenol	19	11/29/93	B09K89	3.54 U
		Antimony, filtered	34	2/05/93	B084J1	200.00 U
		Barium, filtered	34	2/05/93	B084J1	70.00
		Benzothiazole	19	11/29/93	B09K89	2.55 U
		Beryllium, filtered	34	2/05/93	B084J1	3.00 U

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W15-24	Bis(2-ethylhexyl) phthalate	19	11/29/93	B09K89	4.07 U
		Cadmium, filtered	34	2/05/93	B084J1	10.00 U
		Calcium, filtered	34	2/05/93	B084J1	35000.00 Q
		Chromium, filtered	34	2/05/93	B084J1	20.00 U
		Cobalt, filtered	34	2/05/93	B084J1	20.00 U
		Copper, filtered	34	2/05/93	B084J1	20.00 U
		Decane	19	11/29/93	B09K89	4.03 U
		Dodecane	19	11/29/93	B09K89	3.62 U
		Iron, filtered	34	2/05/93	B084J1	30.00
		Magnesium, filtered	34	2/05/93	B084J1	9400.00
		Manganese, filtered	34	2/05/93	B084J1	30.00
		Naphthalene	19	11/29/93	B09K89	6.50 U
		Nickel, filtered	34	2/05/93	B084J1	30.00 U
		Pentachlorophenol	19	11/29/93	B09K89	8.07 U
		Phenol	19	11/29/93	B09K89	.83 U
		Potassium, filtered	34	2/05/93	B084J1	5600.00
		Silver, filtered	34	2/05/93	B084J1	20.00 U
		Sodium, filtered	34	2/05/93	B084J1	20000.00
		Tetradecane	19	11/29/93	B09K89	2.43 U
		Tin, filtered	34	2/05/93	B084J1	100.00 U
		Tributyl Phosphate	19	11/29/93	B09K89	4.42 U
		Tris-2-chloroethyl phosphate	19	11/29/93	B09K89	2.88 U
		Vanadium, filtered	34	2/05/93	B084J1	30.00 U
		Zinc, filtered	34	2/05/93	B084J1	20.00
		m-Cresol	19	11/29/93	B09K89	1.44 XU
	299-W18-21	1,2-Dichloroethene	16	8/23/93	B09175	1.20 UD
		1-Butanol	16	8/23/93	B09175	13.10 UD
		4-Methyl-2-pentanone	16	8/23/93	B09175	.85 UD
		Acetone	16	8/23/93	B09175	13.40 UD
		Benzene	16	8/23/93	B09175	.65 UD
			25	11/19/93	B09K94	.11 UH
		Carbon disulfide	16	8/23/93	B09175	.95 UD
		Carbon tetrachloride	16	8/23/93	B09175	890.00 D
			25	11/19/93	B09K94	720.00 DH
		Ethyl cyanide	16	8/23/93	B09175	4.34 UD
		Ethylbenzene	25	11/19/93	B09K94	.05 UH
		Methyl ethyl ketone	16	8/23/93	B09175	4.25 UD
		Tetrachloroethene	16	8/23/93	B09175	1.10 UD
			25	11/19/93	B09K94	.19 BLH
		Tetrahydrofuran	16	8/23/93	B09175	3.67 UD
		Toluene	16	8/23/93	B09175	.73 UD
			25	11/19/93	B09K94	.06 UH
		Total Organic Halogen	67	8/23/93	B09176	530.00 PD
		Trichloroethene	16	8/23/93	B09175	.63 UD
					B09175	.45 UD
					B09175	.40 UD
					B09175	.64 UD
					B09175	.61 UD
					B09175	.61 UD
					B09175	.25 UD
					B09175	.77 UD
			25	11/19/93	B09K94	.11 UH
					B09K94	.14 UH
					B09K94	.15 UH
					B09K94	11.00 H
					B09K94	.07 UH
					B09K94	.16 BLH
					B09K94	.34 UH
					B09K94	.04 UH
					B09K94	.79 LH
		Vinyl chloride	16	8/23/93	B09175	.78 UD
			25	11/19/93	B09K94	.27 UH
		Xylenes (total)	16	8/23/93	B09175	1.70 UD
			25	11/19/93	B09K94	.20 UH
		cis-1,2-Dichloroethylene	25	11/19/93	B09K94	.13 UH

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W18-23	1,2-Dichloroethene	16	8/27/93	B09185	1.20 UD
		1-Butanol	16	8/27/93	B09185	13.10 UD
		2,4,5-T	49	8/27/93	B09185	.38 UD
		2,4,5-TP	49	8/27/93	B09185	.41 UD
		2,4-D	49	8/27/93	B09185	.19 UD
		2,4-Dichlorophenol	19	11/22/93	B09KB4	2.80 U
		2-Methylphenol	19	11/22/93	B09KB4	1.80 U
		2-Nitrophenol	19	11/22/93	B09KB4	3.96 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	8/27/93	B09185	.27 UD
		4-Methyl-2-pentanone	16	8/27/93	B09185	.85 UD
		4-Methylphenol	19	11/22/93	B09KB4	3.54 U
		Acetone	16	8/27/93	B09185	13.40 UD
		Benzene	16	8/27/93	B09185	.65 UD
		Benzothiazole	19	11/22/93	B09KB4	2.55 U
		Bis(2-ethylhexyl) phthalate	19	11/22/93	B09KB4	4.07 U
		Carbon disulfide	16	8/27/93	B09185	.95 UD
		Carbon tetrachloride	16	8/27/93	B09185	620.00 D
		Decane	19	11/22/93	B09KB4	4.03 U
		Dodecane	19	11/22/93	B09KB4	3.62 U
		Ethyl cyanide	16	8/27/93	B09185	4.34 UD
		Methyl ethyl ketone	16	8/27/93	B09185	4.25 UD
		Naphthalene	19	11/22/93	B09KB4	6.50 U
		Pentachlorophenol	19	11/22/93	B09KB4	8.07 U
		Phenol	19	11/22/93	B09KB4	.83 U
		Tetrachloroethene	16	8/27/93	B09185	1.10 UD
		Tetradecane	19	11/22/93	B09KB4	2.43 U
		Tetrahydrofuran	16	8/27/93	B09185	3.67 UD
		Toluene	16	8/27/93	B09185	.73 UD
		Total Organic Halogen	67	8/27/93	B09187	370.00 PD
		Tributyl Phosphate	19	11/22/93	B09KB4	4.42 U
		Trichloroethene	16	8/27/93	B09185	.63 UD
					B09185	.45 UD
					B09185	.40 UD
					B09185	6.20 D
					B09185	.61 UD
					B09185	.61 UD
					B09185	.25 UD
					B09185	.77 UD
		Tris-2-chloroethyl phosphate	19	11/22/93	B09KB4	2.88 U
		Vinyl chloride	16	8/27/93	B09185	.78 UD
		Xylenes (total)	16	8/27/93	B09185	1.70 UD
		m-Cresol	19	11/22/93	B09KB4	1.44 XU
	299-W18-24	1,2-Dichloroethene	16	8/27/93	B09190	1.20 UD
		1-Butanol	16	8/27/93	B09190	13.10 UD
		2,4,5-T	49	8/27/93	B09190	.38 UD
		2,4,5-TP	49	8/27/93	B09190	.41 UD
		2,4-D	49	8/27/93	B09190	.19 UD
		2,4-Dichlorophenol	19	11/29/93	B09KB9	2.80 U
		2-Methylphenol	19	11/29/93	B09KB9	1.80 U
		2-Nitrophenol	19	11/29/93	B09KB9	3.96 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	8/27/93	B09190	.27 UD
		4-Methyl-2-pentanone	16	8/27/93	B09190	.85 UD
		4-Methylphenol	19	11/29/93	B09KB9	3.54 U
		Acetone	16	8/27/93	B09190	13.40 UD
		Benzene	16	8/27/93	B09190	.65 UD
		Benzothiazole	19	11/29/93	B09KB9	2.55 U
		Bis(2-ethylhexyl) phthalate	19	11/29/93	B09KB9	4.07 U
		Carbon disulfide	16	8/27/93	B09190	.95 UD
		Carbon tetrachloride	16	8/27/93	B09190	660.00 D
		Decane	19	11/29/93	B09KB9	4.03 U
		Dodecane	19	11/29/93	B09KB9	3.62 U
		Ethyl cyanide	16	8/27/93	B09190	4.34 UD
		Methyl ethyl ketone	16	8/27/93	B09190	4.25 UD
		Naphthalene	19	11/29/93	B09KB9	6.50 U
		Pentachlorophenol	19	11/29/93	B09KB9	8.07 U
		Phenol	19	11/29/93	B09KB9	.83 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W18-24	Tetrachloroethene	16	8/27/93	B09190	1.10 UD
		Tetradecane	19	11/29/93	B09KB9	2.43 U
		Tetrahydrofuran	16	8/27/93	B09190	3.67 UD
		Toluene	16	8/27/93	B09190	.73 UD
		Tributyl Phosphate	19	11/29/93	B09KB9	4.42 U
		Trichloroethene	16	8/27/93	B09190	.63 UD
					B09190	.45 UD
					B09190	24.00 D
					B09190	.64 UD
					B09190	.61 UD
					B09190	.61 UD
					B09190	.25 UD
					B09190	.77 UD
		Tris-2-chloroethyl phosphate	19	11/29/93	B09KB9	2.88 U
		Vinyl chloride	16	8/27/93	B09190	.78 UD
		Xylenes (total)	16	8/27/93	B09190	1.70 UD
		m-Cresol	19	11/29/93	B09KB9	1.44 XU
	299-W18-26	2,4,6-Trichlorophenol	30	2/16/93	B084L2	1.45 U
		2,4-Dichlorophenol	19	11/29/93	B09KC4	2.80 U
			30	2/16/93	B084L2	1.50 U
		2,4-Dimethylphenol	30	2/16/93	B084L2	1.01 U
		2,4-Dinitrophenol	30	2/16/93	B084L2	.96 U
		2,6-Dichlorophenol	30	2/16/93	B084L2	1.59 U
		2-Chlorophenol	30	2/16/93	B084L2	1.42 U
		2-Methylphenol	19	11/29/93	B09KC4	1.80 U
		2-Nitrophenol	19	11/29/93	B09KC4	3.96 U
			30	2/16/93	B084L2	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	2/16/93	B084L2	1.35 U
		4,6-Dinitro-2-methylphenol	30	2/16/93	B084L2	1.18 U
		4-Chloro-3-methylphenol	30	2/16/93	B084L2	1.12 U
		4-Methylphenol	19	11/29/93	B09KC4	3.54 U
		4-Nitrophenol	30	2/16/93	B084L2	.65 U
		Benzothiazole	19	11/29/93	B09KC4	2.55 U
		Bis(2-ethylhexyl) phthalate	19	11/29/93	B09KC4	4.07 U
		Cresols (methylphenols)	30	2/16/93	B084L2	4.66 U
		Decane	19	11/29/93	B09KC4	4.03 U
		Dodecane	19	11/29/93	B09KC4	3.62 U
		Naphthalene	19	11/29/93	B09KC4	6.50 U
		Pentachlorophenol	19	11/29/93	B09KC4	8.07 U
			30	2/16/93	B084L2	.87 U
		Phenol	19	11/29/93	B09KC4	.83 U
			30	2/16/93	B084L2	.31 U
		Tetrachlorophenols	30	2/16/93	B084L2	1.05 U
		Tetradecane	19	11/29/93	B09KC4	2.43 U
		Tributyl Phosphate	19	11/29/93	B09KC4	4.42 U
		Trichloroethene	30	2/16/93	B084L2	1.11 U
		Tris-2-chloroethyl phosphate	19	11/29/93	B09KC4	2.88 U
		Turbidity	126	8/13/93	B09195	3.80 Q
		m-Cresol	19	11/29/93	B09KC4	1.44 XU
	299-W18-27	1,2-Dichloroethene	16	8/23/93	B091B0	1.20 UD
		1-Butanol	16	8/23/93	B091B0	13.10 UD
		4,4'-DDD	17	2/11/93	B084L7	.00 UD
		4,4'-DDE	17	2/11/93	B084L7	.00 UD
		4,4'-DDT	17	2/11/93	B084L7	.01 UD
		4-Methyl-2-pentanone	16	8/23/93	B091B0	.85 UD
		Acetone	16	8/23/93	B091B0	13.40 UD
		Aldrin	17	2/11/93	B084L7	.05 UD
		Alpha-BHC	17	2/11/93	B084L7	.01 UD
		Benzene	16	8/23/93	B091B0	.65 UD
		Beta-BHC	17	2/11/93	B084L7	.00 UD
		Carbon disulfide	16	8/23/93	B091B0	.95 UD
		Carbon tetrachloride	16	8/23/93	B091B0	410.00 D
		Chlordane	17	2/11/93	B084L7	.01 UD
		Delta-BHC	17	2/11/93	B084L7	.00 UD
		Dieldrin	17	2/11/93	B084L7	.02 UD

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W18-27	Endosulfan I	17	2/11/93	B084L7	.00 UD
		Endosulfan II	17	2/11/93	B084L7	.00 UD
		Endosulfan sulfate	17	2/11/93	B084L7	.01 UD
		Endrin	17	2/11/93	B084L7	.01 UD
		Endrin Aldehyde	17	2/11/93	B084L7	.01 UD
		Ethyl cyanide	16	8/23/93	B091B0	4.34 UD
		Heptachlor	17	2/11/93	B084L7	.00 UD
		Heptachlor epoxide	17	2/11/93	B084L7	.00 UD
		Methoxychlor	17	2/11/93	B084L7	.10 UD
		Methyl ethyl ketone	16	8/23/93	B091B0	4.25 UD
		Tetrachloroethene	16	8/23/93	B091B0	1.10 UD
		Tetrahydrofuran	16	8/23/93	B091B0	3.67 UD
		Toluene	16	8/23/93	B091B0	.73 UD
		Toxaphene	17	2/11/93	B084L7	.89 UD
		Trichloroethene	16	8/23/93	B091B0	.63 UD
					B091B0	.45 UD
					B091B0	.40 UD
					B091B0	.64 UD
					B091B0	.61 UD
					B091B0	.61 UD
					B091B0	.25 UD
					B091B0	.77 UD
		Vinyl chloride	16	8/23/93	B091B0	.78 UD
		Xylenes (total)	16	8/23/93	B091B0	1.70 UD
		gamma-BHC (Lindane)	17	2/11/93	B084L7	.00 UD
	299-W18-28	2,4-Dichlorophenol	19	11/29/93	B09KD4	2.80 U
		2-Methylphenol	19	11/24/92	B07MC0	10.00 U
				11/29/93	B09KD4	1.80 U
		2-Nitrophenol	19	11/29/93	B09KD4	3.96 U
		4-Methylphenol	19	11/24/92	B07MC0	10.00 U
				11/29/93	B09KD4	3.54 U
		Benzothiazole	19	11/29/93	B09KD4	2.55 U
		Bis(2-ethylhexyl) phthalate	19	11/29/93	B09KD4	4.07 U
		Decane	19	11/24/92	B07MC0	1000.00 U
				11/29/93	B09KD4	4.03 U
		Dodecane	19	11/24/92	B07MC0	1000.00 U
				11/29/93	B09KD4	3.62 U
		Naphthalene	19	11/24/92	B07MC0	10.00 U
				11/29/93	B09KD4	6.50 U
		Pentachlorophenol	19	11/24/92	B07MC0	50.00 U
				11/29/93	B09KD4	8.07 U
		Phenol	19	11/24/92	B07MC0	10.00 U
				11/29/93	B09KD4	.83 U
		Tetradecane	19	11/24/92	B07MC0	1000.00 U
				11/29/93	B09KD4	2.43 U
		Tributyl Phosphate	19	11/24/92	B07MC0	10.00 U
				11/29/93	B09KD4	4.42 U
		Tris-2-chloroethyl phosphate	19	11/29/93	B09KD4	2.88 U
		m-Cresol	19	11/24/92	B07MC0	10.00 U
				11/29/93	B09KD4	1.44 XU
	299-W18-29	2,4-Dichlorophenol	19	5/27/93	B08JN4	2.80 UH
				11/29/93	B09KD9	2.80 U
		2-Methylphenol	19	5/27/93	B08JN4	1.80 UH
				11/29/93	B09KD9	1.80 U
		2-Nitrophenol	19	5/27/93	B08JN4	3.96 UH
				11/29/93	B09KD9	3.96 U
		4,4'-DDD	17	11/18/92	B07MC5	.10 U
				5/27/93	B08JN4	.00 U
		4,4'-DDE	17	11/18/92	B07MC5	.05 U
				5/27/93	B08JN4	.00 U
		4,4'-DDT	17	11/18/92	B07MC5	.10 U
				5/27/93	B08JN4	.01 U
		4-Methylphenol	19	5/27/93	B08JN4	3.54 UH
				11/29/93	B09KD9	3.54 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W18-29	Aldrin	17	11/18/92	B07MC5	.05 U
				5/27/93	B08JN4	.05 U
		Alpha-BHC	17	11/18/92	B07MC5	.05 U
				5/27/93	B08JN4	.01 U
		Benzothiazole	19	5/27/93	B08JN4	2.55 UH
				11/29/93	B09KD9	2.55 U
		Beta-BHC	17	11/18/92	B07MC5	.05 U
				5/27/93	B08JN4	.00 U
		Bis(2-ethylhexyl) phthalate	19	5/27/93	B08JN4	4.07 UH
				11/29/93	B09KD9	4.07 U
		Chlordane	17	11/18/92	B07MC5	.10 U
				5/27/93	B08JN4	.01 U
		Decane	19	5/27/93	B08JN4	4.03 UH
				11/29/93	B09KD9	4.03 U
		Delta-BHC	17	11/18/92	B07MC5	.10 U
				5/27/93	B08JN4	.05 L
		Dieldrin	17	11/18/92	B07MC5	.05 U
				5/27/93	B08JN4	.02 U
		Dodecane	19	5/27/93	B08JN4	3.62 UH
				11/29/93	B09KD9	3.62 U
		Endosulfan I	17	11/18/92	B07MC5	.10 U
				5/27/93	B08JN4	.01 L
		Endosulfan II	17	11/18/92	B07MC5	.05 U
				5/27/93	B08JN4	.01 L
		Endosulfan sulfate	17	11/18/92	B07MC5	.50 U
				5/27/93	B08JN4	.01 U
		Endrin	17	11/18/92	B07MC5	.10 U
				5/27/93	B08JN4	.02 L
		Endrin Aldehyde	17	11/18/92	B07MC5	.20 U
				5/27/93	B08JN4	.01 U
		Heptachlor	17	11/18/92	B07MC5	.05 U
				5/27/93	B08JN4	.00 L
		Heptachlor epoxide	17	11/18/92	B07MC5	1.00 U
				5/27/93	B08JN4	.01 L
		Methoxychlor	17	11/18/92	B07MC5	2.00 U
				5/27/93	B08JN4	.10 U
		Naphthalene	19	5/27/93	B08JN4	6.50 UH
				11/29/93	B09KD9	6.50 U
		Pentachlorophenol	19	5/27/93	B08JN4	8.07 UH
				11/29/93	B09KD9	8.07 U
		Phenol	19	5/27/93	B08JN4	.83 UH
				11/29/93	B09KD9	.83 U
		Tetradecane	19	5/27/93	B08JN4	2.43 UH
				11/29/93	B09KD9	2.43 U
		Toxaphene	17	11/18/92	B07MC5	2.00 U
				5/27/93	B08JN4	.89 U
		Tributyl Phosphate	19	5/27/93	B08JN4	4.42 UH
				11/29/93	B09KD9	4.42 U
		Tris-2-chloroethyl phosphate	19	5/27/93	B08JN4	2.88 UH
				11/29/93	B09KD9	2.88 U
		gamma-BHC (Lindane)	17	11/18/92	B07MC5	.05 U
				5/27/93	B08JN4	.00 U
		m-Cresol	19	5/27/93	B08JN4	1.44 XUH
				11/29/93	B09KD9	1.44 XU
	299-W18-32	2,4-Dichlorophenol	19	11/29/93	B09KF4	2.80 U
		2-Methylphenol	19	11/29/93	B09KF4	1.80 U
		2-Nitrophenol	19	11/29/93	B09KF4	3.96 U
		4,4'-DDD	17	11/18/92	B07M67	.10 U
		4,4'-DDE	17	11/18/92	B07M67	.05 U
		4,4'-DDT	17	11/18/92	B07M67	.10 U
		4-Methylphenol	19	11/29/93	B09KF4	3.54 U
		Aldrin	17	11/18/92	B07M67	.05 U
		Alpha-BHC	17	11/18/92	B07M67	.05 U
		Benzothiazole	19	11/29/93	B09KF4	2.55 U
		Beta-BHC	17	11/18/92	B07M67	.05 U
		Bis(2-ethylhexyl) phthalate	19	11/29/93	B09KF4	4.07 U
		Chlordane	17	11/18/92	B07M67	.10 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W18-32	Decane	19	11/29/93	B09KF4	4.03 U
		Delta-BHC	17	11/18/92	B07M67	.10 U
		Dieldrin	17	11/18/92	B07M67	.05 U
		Disulfoton	29	5/18/93	B08JL9	.12 U
		Dodecane	19	11/29/93	B09KF4	3.62 U
		Endosulfan I	17	11/18/92	B07M67	.10 U
		Endosulfan II	17	11/18/92	B07M67	.05 U
		Endosulfan sulfate	17	11/18/92	B07M67	.50 U
		Endrin	17	11/18/92	B07M67	.10 U
		Endrin Aldehyde	17	11/18/92	B07M67	.20 U
		Heptachlor	17	11/18/92	B07M67	.05 U
		Heptachlor epoxide	17	11/18/92	B07M67	1.00 U
		Methoxychlor	17	11/18/92	B07M67	2.00 U
		Methyl parathion	29	5/18/93	B08JL9	.24 U
		Naphthalene	19	11/29/93	B09KF4	6.50 U
		Pentachlorophenol	19	11/29/93	B09KF4	8.07 U
		Phenol	19	11/29/93	B09KF4	.83 U
		Phorate	29	5/18/93	B08JL9	.10 U
		Tetradecane	19	11/29/93	B09KF4	2.43 U
		Toxaphene	17	11/18/92	B07M67	2.00 U
		Tributyl Phosphate	19	11/29/93	B09KF4	4.42 U
		Tris-2-chloroethyl phosphate	19	11/29/93	B09KF4	2.88 U
		gamma-BHC (Lindane)	17	11/18/92	B07M67	.05 U
		m-Cresol	19	11/29/93	B09KF4	1.44 XU
	299-W6-10	1,2-Dichloroethene	16	9/09/93	B09685	1.20 UD
		1-Butanol	16	9/09/93	B09685	13.10 UD
		2,4,5-T	49	6/14/93	B08MB4	.38 U
		2,4,5-TP	49	6/14/93	B08MB4	.41 U
		2,4-D	49	6/14/93	B08MB4	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/14/93	B08MB4	.27 U
		4-Methyl-2-pentanone	16	9/09/93	B09685	.85 UD
		Acetone	16	9/09/93	B09685	13.40 UD
		Ammonium ion	129	9/09/93	B09685	100.00 L
		Benzene	16	9/09/93	B09685	.65 UD
		Carbon disulfide	16	9/09/93	B09685	.95 UD
		Carbon tetrachloride	16	9/09/93	B09685	1200.00 D
		Disulfoton	29	6/14/93	B08MB4	.12 U
		Ethyl cyanide	16	9/09/93	B09685	4.34 UD
		Methyl ethyl ketone	16	9/09/93	B09685	4.25 UD
		Methyl parathion	29	6/14/93	B08MB4	.24 U
		Phorate	29	6/14/93	B08MB4	.10 U
		Tetrachloroethene	16	9/09/93	B09685	1.10 UD
		Tetrahydrofuran	16	9/09/93	B09685	3.67 UD
		Toluene	16	9/09/93	B09685	.73 UD
		Total Organic Halogen	67	12/08/92	B07RM1	340.00 DPFD
				9/09/93	B09685	1000.00 PD
					B09687	410.00 P
		Trichloroethene	16	9/09/93	B09685	.63 UD
					B09685	.45 UD
					B09685	.40 UD
					B09685	.64 UDQ
					B09685	20.00 D
					B09685	.61 UD
					B09685	.25 UD
					B09685	14.00 D
		Vinyl chloride	16	9/09/93	B09685	.78 UD
		Xylenes (total)	16	9/09/93	B09685	1.70 UD
	299-W6-11	Ammonium ion	129	9/09/93	B09690	60.00 L
		Disulfoton	29	6/10/93	B08MB9	.12 UX
		Methyl parathion	29	6/10/93	B08MB9	.24 U
		Phorate	29	6/10/93	B08MB9	.10 UX
	299-W6-12	Ammonium ion	129	9/09/93	B09695	90.00 L
		Disulfoton	29	6/15/93	B08MC4	.12 U
		Methyl parathion	29	6/15/93	B08MC4	.24 U
		Phorate	29	6/15/93	B08MC4	.10 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W6-2	2,4,5-T	49	12/07/93	B09KQ5	D
		2,4,5-TP	49	12/07/93	B09KQ5	D
		2,4-D	49	12/07/93	B09KQ5	D
		2-Methylphenol	19	12/08/92	B07RP1	10.00 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	12/07/93	B09KQ5	D
		4-Methylphenol	19	12/08/92	B07RP1	10.00 U
		Decane	19	12/08/92	B07RP1	1000.00 U
		Dodecane	19	12/08/92	B07RP1	1000.00 U
		Naphthalene	19	12/08/92	B07RP1	10.00 U
		Pentachlorophenol	19	12/08/92	B07RP1	50.00 U
		Phenol	19	12/08/92	B07RP1	10.00 U
		Selenium	48	12/07/93	B09KQ5	1.21 U
		Tetradecane	19	12/08/92	B07RP1	1000.00 U
		Tributyl Phosphate	19	12/08/92	B07RP1	10.00 U
		m-Cresol	19	12/08/92	B07RP1	10.00 U
	299-W6-4	2-Methylphenol	19	12/08/92	B07RQ6	10.00 U
		4-Methylphenol	19	12/08/92	B07RQ6	10.00 U
		Decane	19	12/08/92	B07RQ6	1000.00 U
		Dodecane	19	12/08/92	B07RQ6	1000.00 U
		Naphthalene	19	12/08/92	B07RQ6	10.00 U
		Pentachlorophenol	19	12/08/92	B07RQ6	50.00 U
		Phenol	19	12/08/92	B07RQ6	10.00 U
		Tetradecane	19	12/08/92	B07RQ6	1000.00 U
		Tributyl Phosphate	19	12/08/92	B07RQ6	10.00 U
		m-Cresol	19	12/08/92	B07RQ6	10.00 U
	299-W6-6	2-Methylphenol	19	12/08/92	B07RQ7	10.00 U
		4-Methylphenol	19	12/08/92	B07RQ7	10.00 U
		Ammonium ion	129	9/10/93	B096B0	100.00
		Decane	19	12/08/92	B07RQ7	1000.00 U
		Dodecane	19	12/08/92	B07RQ7	1000.00 U
		Naphthalene	19	12/08/92	B07RQ7	10.00 U
		Pentachlorophenol	19	12/08/92	B07RQ7	50.00 U
		Phenol	19	12/08/92	B07RQ7	10.00 U
		Tetradecane	19	12/08/92	B07RQ7	1000.00 U
		Tributyl Phosphate	19	12/08/92	B07RQ7	10.00 U
		m-Cresol	19	12/08/92	B07RQ7	10.00 U
	299-W6-7	1,2-Dichloroethene	16	9/09/93	B096B5	1.20 UD
		1-Butanol	16	9/09/93	B096B5	13.10 UD
		2,4,6-Trichlorophenol	30	3/15/93	B089W8	1.45 U
		2,4-Dichlorophenol	30	3/15/93	B089W8	1.50 U
		2,4-Dimethylphenol	30	3/15/93	B089W8	1.01 U
		2,4-Dinitrophenol	30	3/15/93	B089W8	.96 U
		2,6-Dichlorophenol	30	3/15/93	B089W8	1.59 U
		2-Chlorophenol	30	3/15/93	B089W8	1.42 U
		2-Methylphenol	19	12/08/92	B07RR6	10.00 U
					B07RR7	10.00 U
		2-Nitrophenol	30	3/15/93	B089W8	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/15/93	B089W8	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/15/93	B089W8	1.18 U
		4-Chloro-3-methylphenol	30	3/15/93	B089W8	1.12 U
		4-Methyl-2-pentanone	16	9/09/93	B096B5	.85 UD
		4-Methylphenol	19	12/08/92	B07RR6	10.00 U
					B07RR7	10.00 U
		4-Nitrophenol	30	3/15/93	B089W8	.65 U
		Acetone	16	9/09/93	B096B5	13.40 UD
		Ammonium ion	129	9/09/93	B096B5	80.00 L
		Benzene	16	9/09/93	B096B5	.65 UD
		Carbon disulfide	16	9/09/93	B096B5	.95 UD
		Carbon tetrachloride	16	9/09/93	B096B5	250.00 D
		Cresols (methylphenols)	30	3/15/93	B089W8	4.66 U
		Decane	19	12/08/92	B07RR6	1000.00 U
					B07RR7	1000.00 U
		Dodecane	19	12/08/92	B07RR6	1000.00 U
					B07RR7	1000.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W6-7	Ethyl cyanide	16	9/09/93	B096B5	4.34 UD
		Methyl ethyl ketone	16	9/09/93	B096B5	4.25 UD
		Naphthalene	19	12/08/92	B07RR6	10.00 U
					B07RR7	10.00 U
		Pentachlorophenol	19	12/08/92	B07RR6	50.00 U
					B07RR7	50.00 U
			30	3/15/93	B089W8	.87 U
		Phenol	19	12/08/92	B07RR6	10.00 U
					B07RR7	10.00 U
			30	3/15/93	B089W8	.31 U
		Tetrachloroethene	16	9/09/93	B096B5	1.10 UD
		Tetrachlorophenols	30	3/15/93	B089W8	1.05 U
		Tetradecane	19	12/08/92	B07RR6	1000.00 U
					B07RR7	1000.00 U
		Tetrahydrofuran	16	9/09/93	B096B5	3.67 UD
		Toluene	16	9/09/93	B096B5	.73 UD
		Tributyl Phosphate	19	12/08/92	B07RR6	10.00 U
					B07RR7	10.00 U
		Trichloroethene	16	9/09/93	B096B5	.63 UD
					B096B5	.45 UD
					B096B5	6.50 D
					B096B5	.64 UDQ
					B096B5	.61 UD
					B096B5	.61 UD
					B096B5	.25 UD
					B096B5	3.30 DL
			30	3/15/93	B089W8	1.11 U
		Vinyl chloride	16	9/09/93	B096B5	.78 UD
		Xylenes (total)	16	9/09/93	B096B5	1.70 UD
		m-Cresol	19	12/08/92	B07RR6	10.00 U
					B07RR7	10.00 U
	299-W6-8	2-Methylphenol	19	12/08/92	B07RS2	10.00 U
		4-Methylphenol	19	12/08/92	B07RS2	10.00 U
		Ammonium ion	129	9/09/93	B096C0	80.00 L
		Decane	19	12/08/92	B07RS2	1000.00 U
		Dodecane	19	12/08/92	B07RS2	1000.00 U
		Naphthalene	19	12/08/92	B07RS2	10.00 U
		Pentachlorophenol	19	12/08/92	B07RS2	50.00 U
		Phenol	19	12/08/92	B07RS2	10.00 U
		Tetradecane	19	12/08/92	B07RS2	1000.00 U
		Tributyl Phosphate	19	12/08/92	B07RS2	10.00 U
		m-Cresol	19	12/08/92	B07RS2	10.00 U
	299-W6-9	1,2-Dichloroethene	16	9/10/93	B096C5	1.20 UD
		1-Butanol	16	9/10/93	B096C5	13.10 UD
		2,4,5-T	49	6/14/93	B08MC9	.38 U
		2,4,5-TP	49	6/14/93	B08MC9	.41 U
		2,4-D	49	6/14/93	B08MC9	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/14/93	B08MC9	.27 U
		4,4'-DDD	17	6/14/93	B08MC9	.00 U
		4,4'-DDE	17	6/14/93	B08MC9	.00 U
		4,4'-DDT	17	6/14/93	B08MC9	.01 U
		4-Methyl-2-pentanone	16	9/10/93	B096C5	.85 UD
		Acetone	16	9/10/93	B096C5	13.40 UD
		Aldrin	17	6/14/93	B08MC9	.05 U
		Alpha-BHC	17	6/14/93	B08MC9	.01 U
		Ammonium ion	129	9/10/93	B096C5	70.00 L
		Aroclor-1016	17	6/14/93	B08MC9	.19 U
		Aroclor-1221	17	6/14/93	B08MC9	.14 U
		Aroclor-1232	17	6/14/93	B08MC9	.11 U
		Aroclor-1242	17	6/14/93	B08MC9	.11 U
		Aroclor-1248	17	6/14/93	B08MC9	.04 U
		Aroclor-1254	17	6/14/93	B08MC9	.10 U
		Aroclor-1260	17	6/14/93	B08MC9	.11 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W6-9	Benzene	16	9/10/93	B096C5	.65 UD
		Beta-BHC	17	6/14/93	B08MC9	.00 U
		Carbon disulfide	16	9/10/93	B096C5	.95 UD
		Carbon tetrachloride	16	9/10/93	B096C5	280.00 D
		Chlordane	17	6/14/93	B08MC9	.01 U
		Delta-BHC	17	6/14/93	B08MC9	.00 U
		Dieldrin	17	6/14/93	B08MC9	.02 U
		Disulfoton	29	6/14/93	B08MC9	.12 U
		Endosulfan I	17	6/14/93	B08MC9	.00 U
		Endosulfan II	17	6/14/93	B08MC9	.00 U
		Endosulfan sulfate	17	6/14/93	B08MC9	.01 U
		Endrin	17	6/14/93	B08MC9	.01 U
		Endrin Aldehyde	17	6/14/93	B08MC9	.01 U
		Ethyl cyanide	16	9/10/93	B096C5	4.34 UD
		Heptachlor	17	6/14/93	B08MC9	.00 U
		Heptachlor epoxide	17	6/14/93	B08MC9	.00 U
		Methoxychlor	17	6/14/93	B08MC9	.10 U
		Methyl ethyl ketone	16	9/10/93	B096C5	4.25 UD
		Methyl parathion	29	6/14/93	B08MC9	.24 U
		Phorate	29	6/14/93	B08MC9	.10 U
		Tetrachloroethene	16	9/10/93	B096C5	1.10 UD
		Tetrahydrofuran	16	9/10/93	B096C5	3.67 UD
		Toluene	16	9/10/93	B096C5	.73 UD
		Toxaphene	17	6/14/93	B08MC9	.89 U
		Trichloroethene	16	9/10/93	B096C5	.63 UD
					B096C5	.45 UD
					B096C5	.40 UD
					B096C5	.64 UDQ
					B096C5	1.50 BLD
					B096C5	.61 UD
					B096C5	.25 UD
					B096C5	2.70 LD
		Vinyl chloride	16	9/10/93	B096C5	.78 UD
		Xylenes (total)	16	9/10/93	B096C5	1.70 UD
		gamma-BHC (Lindane)	17	6/14/93	B08MC9	.00 U
	299-W7-10	2,4,5-T	49	12/02/93	B09KQ9	.38 U
		2,4,5-TP	49	12/02/93	B09KQ9	.41 U
		2,4-D	49	12/02/93	B09KQ9	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	12/02/93	B09KQ9	.27 U
	299-W7-11	2,4,5-T	49	12/06/93	B09KR2	.38 U
		2,4,5-TP	49	12/06/93	B09KR2	.41 U
		2,4-D	49	12/06/93	B09KR2	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	12/06/93	B09KR2	.27 U
	299-W7-3	2,4,5-T	49	12/07/93	B09KR9	D
		2,4,5-TP	49	12/07/93	B09KR9	D
		2,4-D	49	12/07/93	B09KR9	D
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	12/07/93	B09KR9	D
		Ammonium ion	129	8/25/93	B09110	40.00 L
		Selenium	48	12/07/93	B09KR9	1.21 U
					B09KS0	1.21 U
	299-W7-4	2-Methylphenol	19	2/04/93	B084B9	10.00 U
		4-Methylphenol	19	2/04/93	B084B9	10.00 U
		Decane	19	2/04/93	B084B9	1000.00 U
		Dodecane	19	2/04/93	B084B9	1000.00 U
		Naphthalene	19	2/04/93	B084B9	10.00 U
		Pentachlorophenol	19	2/04/93	B084B9	50.00 U
		Phenol	19	2/04/93	B084B9	10.00 U
		Tetradecane	19	2/04/93	B084B9	1000.00 U
		Tributyl Phosphate	19	2/04/93	B084B9	10.00 U
		m-Cresol	19	2/04/93	B084B9	10.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W7-5	2-Methylphenol	19	2/09/93	B084Q2	1.80 UD
		4-Methylphenol	19	2/09/93	B084Q2	3.54 UD
		Decane	19	2/09/93	B084Q2	4.03 UD
		Dodecane	19	2/09/93	B084Q2	3.62 UD
		Naphthalene	19	2/09/93	B084Q2	6.50 UD
		Pentachlorophenol	19	2/09/93	B084Q2	8.07 UD
		Phenol	19	2/09/93	B084Q2	.83 UD
		Tetradecane	19	2/09/93	B084Q2	2.43 UD
		Tributyl Phosphate	19	2/09/93	B084Q2	4.42 UD
		m-Cresol	19	2/09/93	B084Q2	1.44 UD
	299-W7-6	2,4,5-T	49	12/03/93	B09KS5	.38 U
		2,4,5-TP	49	12/03/93	B09KS5	.41 U
		2,4-D	49	12/03/93	B09KS5	.19 U
		2-Methylphenol	19	2/09/93	B084Q4	1.80 UD
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	12/03/93	B09KS5	.27 U
		4-Methylphenol	19	2/09/93	B084Q4	3.54 UD
		Decane	19	2/09/93	B084Q4	4.03 UD
		Dodecane	19	2/09/93	B084Q4	3.62 UD
		Naphthalene	19	2/09/93	B084Q4	6.50 UD
		Pentachlorophenol	19	2/09/93	B084Q4	8.07 UD
		Phenol	19	2/09/93	B084Q4	.83 UD
		Tetradecane	19	2/09/93	B084Q4	2.43 UD
		Tributyl Phosphate	19	2/09/93	B084Q4	4.42 UD
		m-Cresol	19	2/09/93	B084Q4	1.44 UD
	299-W7-9	2-Methylphenol	19	2/09/93	B084R0	1.80 UD
		4-Methylphenol	19	2/09/93	B084R0	3.54 UD
		Ammonium ion	129	8/26/93	B09122	50.00 L
					B09123	50.00 L
		Decane	19	2/09/93	B084R0	4.03 UD
		Dodecane	19	2/09/93	B084R0	3.62 UD
		Naphthalene	19	2/09/93	B084R0	6.50 UD
		Pentachlorophenol	19	2/09/93	B084R0	8.07 UD
		Phenol	19	2/09/93	B084R0	.83 UD
		Tetradecane	19	2/09/93	B084R0	2.43 UD
		Tributyl Phosphate	19	2/09/93	B084R0	4.42 UD
		m-Cresol	19	2/09/93	B084R0	1.44 UD
	299-W8-1	2-Methylphenol	19	2/09/93	B084R2	1.80 UD
		4-Methylphenol	19	2/09/93	B084R2	3.54 UD
		Decane	19	2/09/93	B084R2	4.03 UD
		Dodecane	19	2/09/93	B084R2	3.62 UD
		Naphthalene	19	2/09/93	B084R2	6.50 UD
		Pentachlorophenol	19	2/09/93	B084R2	8.07 UD
		Phenol	19	2/09/93	B084R2	.83 UD
		Tetradecane	19	2/09/93	B084R2	2.43 UD
		Tributyl Phosphate	19	2/09/93	B084R2	4.42 UD
		m-Cresol	19	2/09/93	B084R2	1.44 UD
	299-W9-1	2,4,6-Trichlorophenol	30	5/21/93	B08JS4	1.45 U
		2,4-Dichlorophenol	19	5/21/93	B08JS4	2.80 UH
			30	5/21/93	B08JS4	1.50 U
		2,4-Dimethylphenol	30	5/21/93	B08JS4	1.01 U
		2,4-Dinitrophenol	30	5/21/93	B08JS4	.96 U
		2,6-Dichlorophenol	30	5/21/93	B08JS4	1.59 U
		2-Chlorophenol	30	5/21/93	B08JS4	1.42 U
		2-Methylphenol	19	5/21/93	B08JS4	1.80 UH
		2-Nitrophenol	19	5/21/93	B08JS4	3.96 UH
			30	5/21/93	B08JS4	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	5/21/93	B08JS4	1.35 U
		4,6-Dinitro-2-methylphenol	30	5/21/93	B08JS4	1.18 U
		4-Chloro-3-methylphenol	30	5/21/93	B08JS4	1.12 U
		4-Methylphenol	19	5/21/93	B08JS4	3.54 UH
		4-Nitrophenol	30	5/21/93	B08JS4	.65 U
		Benzothiazole	19	5/21/93	B08JS4	2.55 UH
		Bis(2-ethylhexyl) phthalate	19	5/21/93	B08JS4	9.90 LH
		Bromide	124	5/21/93	B08JS4	90.00 L

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
LLBG	299-W9-1	Chloride	124	5/21/93	B08JS4	16000.00
		Cresols (methylphenols)	30	5/21/93	B08JS4	4.66 U
		Decane	19	5/21/93	B08JS4	4.03 UH
		Dodecane	19	5/21/93	B08JS4	3.62 UH
		Fluoride	124	5/21/93	B08JS4	300.00
		Naphthalene	19	5/21/93	B08JS4	6.50 UH
		Nitrate	124	5/21/93	B08JS4	33000.00
		Nitrite	124	5/21/93	B08JS4	38.30 U
		Pentachlorophenol	19	5/21/93	B08JS4	8.07 UH
			30	5/21/93	B08JS4	.87 U
		Phenol	19	5/21/93	B08JS4	.83 UH
			30	5/21/93	B08JS4	.31 U
		Phosphate	124	5/21/93	B08JS4	147.00 U
		Sulfate	124	5/21/93	B08JS4	61000.00
		Tetrachlorophenols	30	5/21/93	B08JS4	1.05 U
		Tetradecane	19	5/21/93	B08JS4	2.43 UH
		Tributyl Phosphate	19	5/21/93	B08JS4	4.42 UH
		Trichloroethene	30	5/21/93	B08JS4	1.11 U
		Tris-2-chloroethyl phosphate	19	5/21/93	B08JS4	2.88 UH
		m-Cresol	19	5/21/93	B08JS4	1.44 UXH

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-E24-19	2,4,6-Trichlorophenol	30	3/03/93	B087R0	1.45 U
					B087R1	1.45 U
		2,4-Dichlorophenol	30	3/03/93	B087R0	1.50 U
					B087R1	1.50 U
		2,4-Dimethylphenol	30	3/03/93	B087R0	1.01 U
					B087R1	1.01 U
		2,4-Dinitrophenol	30	3/03/93	B087R0	.96 U
					B087R1	.96 U
		2,6-Dichlorophenol	30	3/03/93	B087R0	1.59 U
					B087R1	1.59 U
		2-Chlorophenol	30	3/03/93	B087R0	1.42 U
					B087R1	1.42 U
		2-Nitrophenol	30	3/03/93	B087R0	1.56 U
					B087R1	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/03/93	B087R0	1.35 U
					B087R1	1.35 U
		4,4'-DDD	17	3/03/93	B087R0	.00 U
					B087R1	.00 U
		4,4'-DDE	17	3/03/93	B087R0	.00 U
					B087R1	.00 U
		4,4'-DDT	17	3/03/93	B087R0	.01 U
					B087R1	.01 U
		4,6-Dinitro-2-methylphenol	30	3/03/93	B087R0	1.18 U
					B087R1	1.18 U
		4-Chloro-3-methylphenol	30	3/03/93	B087R0	1.12 U
					B087R1	1.12 U
		4-Nitrophenol	30	3/03/93	B087R0	.65 U
					B087R1	.65 U
		Aldrin	17	3/03/93	B087R0	.05 U
					B087R1	.05 U
		Alpha-BHC	17	3/03/93	B087R0	.01 U
					B087R1	.01 U
		Ammonium ion	54	11/05/92	B07LK7	100.00 U
					B07LK8	100.00 U
		Beta-BHC	17	3/03/93	B087R0	.00 U
					B087R1	.00 U
		Chlordane	17	3/03/93	B087R0	.01 U
					B087R1	.01 U
		Cresols (methylphenols)	30	3/03/93	B087R0	4.66 U
					B087R1	4.66 U
		Delta-BHC	17	3/03/93	B087R0	.00 U
					B087R1	.00 U
		Dieldrin	17	3/03/93	B087R0	.02 U
					B087R1	.02 U
		Endosulfan I	17	3/03/93	B087R0	.00 U
					B087R1	.00 U
		Endosulfan II	17	3/03/93	B087R0	.00 U
					B087R1	.00 U
		Endosulfan sulfate	17	3/03/93	B087R0	.01 U
					B087R1	.01 U
		Endrin	17	3/03/93	B087R0	.01 U
					B087R1	.01 U
		Endrin Aldehyde	17	3/03/93	B087R0	.01 U
					B087R1	.01 U
		Heptachlor	17	3/03/93	B087R0	.00 U
					B087R1	.00 U
		Heptachlor epoxide	17	3/03/93	B087R0	.00 U
					B087R1	.00 U
		Methoxychlor	17	3/03/93	B087R0	.10 U
					B087R1	.10 U
		Pentachlorophenol	30	3/03/93	B087R0	.87 U
					B087R1	.87 U
		Phenol	30	3/03/93	B087R0	.31 U
					B087R1	.31 U
		Tetrachlorophenols	30	3/03/93	B087R0	1.05 U
					B087R1	1.05 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-E24-19	Toxaphene	17	3/03/93	B087R0	.89 U
					B087R1	.89 U
		Trichloroethene	30	3/03/93	B087R0	1.11 U
					B087R1	1.11 U
		gamma-BHC (Lindane)	17	3/03/93	B087R0	.00 U
					B087R1	.00 U
	299-E24-20	2,4,6-Trichlorophenol	30	3/03/93	B087S5	1.45 U
		2,4-Dichlorophenol	30	3/03/93	B087S5	1.50 U
		2,4-Dimethylphenol	30	3/03/93	B087S5	1.01 U
		2,4-Dinitrophenol	30	3/03/93	B087S5	.96 U
		2,6-Dichlorophenol	30	3/03/93	B087S5	1.59 U
		2-Chlorophenol	30	3/03/93	B087S5	1.42 U
		2-Nitrophenol	30	3/03/93	B087S5	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/03/93	B087S5	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/03/93	B087S5	1.18 U
		4-Chloro-3-methylphenol	30	3/03/93	B087S5	1.12 U
		4-Nitrophenol	30	3/03/93	B087S5	.65 U
		Ammonium ion	54	11/05/92	B07LL3	100.00 U
		Cresols (methylphenols)	30	3/03/93	B087S5	4.66 U
		Pentachlorophenol	30	3/03/93	B087S5	.87 U
		Phenol	30	3/03/93	B087S5	.31 U
		Tetrachlorophenols	30	3/03/93	B087S5	1.05 U
		Trichloroethene	30	3/03/93	B087S5	1.11 U
	299-E25-40	2,4,6-Trichlorophenol	30	3/03/93	B087T0	1.45 U
		2,4-Dichlorophenol	30	3/03/93	B087T0	1.50 U
		2,4-Dimethylphenol	30	3/03/93	B087T0	1.01 U
		2,4-Dinitrophenol	30	3/03/93	B087T0	.96 U
		2,6-Dichlorophenol	30	3/03/93	B087T0	1.59 U
		2-Chlorophenol	30	3/03/93	B087T0	1.42 U
		2-Nitrophenol	30	3/03/93	B087T0	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/03/93	B087T0	1.35 U
		4,4'-DDD	17	3/03/93	B087T0	.00 U
		4,4'-DDE	17	3/03/93	B087T0	.00 U
		4,4'-DDT	17	3/03/93	B087T0	.01 U
		4,6-Dinitro-2-methylphenol	30	3/03/93	B087T0	1.18 U
		4-Chloro-3-methylphenol	30	3/03/93	B087T0	1.12 U
		4-Nitrophenol	30	3/03/93	B087T0	.65 U
		Aldrin	17	3/03/93	B087T0	.05 U
		Alpha-BHC	17	3/03/93	B087T0	.01 U
		Ammonium ion	54	11/05/92	B07LL8	100.00 U
		Beta-BHC	17	3/03/93	B087T0	.00 U
		Chlordane	17	3/03/93	B087T0	.01 U
		Cresols (methylphenols)	30	3/03/93	B087T0	4.66 U
		Delta-BHC	17	3/03/93	B087T0	.00 U
		Dieldrin	17	3/03/93	B087T0	.02 U
		Endosulfan I	17	3/03/93	B087T0	.00 U
		Endosulfan II	17	3/03/93	B087T0	.00 U
		Endosulfan sulfate	17	3/03/93	B087T0	.01 U
		Endrin	17	3/03/93	B087T0	.01 U
		Endrin Aldehyde	17	3/03/93	B087T0	.01 U
		Heptachlor	17	3/03/93	B087T0	.00 U
		Heptachlor epoxide	17	3/03/93	B087T0	.00 U
		Methoxychlor	17	3/03/93	B087T0	.10 U
		Pentachlorophenol	30	3/03/93	B087T0	.87 U
		Phenol	30	3/03/93	B087T0	.31 U
		Tetrachlorophenols	30	3/03/93	B087T0	1.05 U
		Toxaphene	17	3/03/93	B087T0	.89 U
		Trichloroethene	30	3/03/93	B087T0	1.11 U
		gamma-BHC (Lindane)	17	3/03/93	B087T0	.00 U
	299-E25-41	2,4,6-Trichlorophenol	30	3/03/93	B087T5	1.45 U
		2,4-Dichlorophenol	30	3/03/93	B087T5	1.50 U
		2,4-Dimethylphenol	30	3/03/93	B087T5	1.01 U
		2,4-Dinitrophenol	30	3/03/93	B087T5	.96 U
		2,6-Dichlorophenol	30	3/03/93	B087T5	1.59 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-E-25-41	2-Chlorophenol	30	3/03/93	B087T5	1.42 U
		2-Nitrophenol	30	3/03/93	B087T5	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/03/93	B087T5	1.35 U
		4,4'-DDD	17	3/03/93	B087T5	.00 U
		4,4'-DDE	17	3/03/93	B087T5	.00 U
		4,4'-DDT	17	3/03/93	B087T5	.01 U
		4,6-Dinitro-2-methylphenol	30	3/03/93	B087T5	1.18 U
		4-Chloro-3-methylphenol	30	3/03/93	B087T5	1.12 U
		4-Nitrophenol	30	3/03/93	B087T5	.65 U
		Aldrin	17	3/03/93	B087T5	.05 U
		Alpha-BHC	17	3/03/93	B087T5	.01 U
		Beta-BHC	17	3/03/93	B087T5	.00 U
		Chlordane	17	3/03/93	B087T5	.01 U
		Cresols (methylphenols)	30	3/03/93	B087T5	4.66 U
		Delta-BHC	17	3/03/93	B087T5	.00 U
		Dieldrin	17	3/03/93	B087T5	.02 U
		Endosulfan I	17	3/03/93	B087T5	.00 U
		Endosulfan II	17	3/03/93	B087T5	.00 U
		Endosulfan sulfate	17	3/03/93	B087T5	.01 U
		Endrin	17	3/03/93	B087T5	.01 U
		Endrin Aldehyde	17	3/03/93	B087T5	.01 U
		Heptachlor	17	3/03/93	B087T5	.00 U
		Heptachlor epoxide	17	3/03/93	B087T5	.00 U
		Methoxychlor	17	3/03/93	B087T5	.10 U
		Pentachlorophenol	30	3/03/93	B087T5	.87 U
		Phenol	30	3/03/93	B087T5	.31 U
		Tetrachlorophenols	30	3/03/93	B087T5	1.05 U
		Toxaphene	17	3/03/93	B087T5	.89 U
		Trichloroethene	30	3/03/93	B087T5	1.11 U
		gamma-BHC (Lindane)	17	3/03/93	B087T5	.00 U
	299-E25-46	2,4,6-Trichlorophenol	30	3/03/93	B087V0	1.45 U
		2,4-Dichlorophenol	30	3/03/93	B087V0	1.50 U
		2,4-Dimethylphenol	30	3/03/93	B087V0	1.01 U
		2,4-Dinitrophenol	30	3/03/93	B087V0	.96 U
		2,6-Dichlorophenol	30	3/03/93	B087V0	1.59 U
		2-Chlorophenol	30	3/03/93	B087V0	1.42 U
		2-Nitrophenol	30	3/03/93	B087V0	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/03/93	B087V0	1.35 U
		4,4'-DDD	17	3/03/93	B087V0	.00 U
				9/29/93	B096K5	.00 U
		4,4'-DDE	17	3/03/93	B087V0	.00 U
				9/29/93	B096K5	.00 U
		4,4'-DDT	17	3/03/93	B087V0	.01 U
				9/29/93	B096K5	.01 U
		4,6-Dinitro-2-methylphenol	30	3/03/93	B087V0	1.18 U
		4-Chloro-3-methylphenol	30	3/03/93	B087V0	1.12 U
		4-Nitrophenol	30	3/03/93	B087V0	.65 U
		Aldrin	17	3/03/93	B087V0	.05 U
				9/29/93	B096K5	.05 U
		Alpha-BHC	17	3/03/93	B087V0	.01 U
				9/29/93	B096K5	.01 U
		Aluminum, filtered	34	9/29/93	B096K5	32.50 U
					B096K9	32.50 U
		Ammonium ion	54	11/05/92	B07LM8	100.00 U
		Antimony, filtered	34	9/29/93	B096K5	69.40 U
					B096K9	69.40 U
		Barium, filtered	34	9/29/93	B096K5	25.00
					B096K9	25.00
		Beryllium, filtered	34	9/29/93	B096K5	.81 U
					B096K9	.81 U
		Beta-BHC	17	3/03/93	B087V0	.00 U
				9/29/93	B096K5	.00 U
		Bromide	124	9/29/93	B096K5	52.80 U
		Cadmium, filtered	34	9/29/93	B096K5	4.70 U
					B096K9	4.70 U
		Calcium, filtered	34	9/29/93	B096K5	28000.00
					B096K9	28000.00

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-E25-46	Chlordane	17	3/03/93	B087V0	.01 U
				9/29/93	B096K5	.01 U
		Chloride	124	9/29/93	B096K5	4700.00
		Chromium, filtered	34	9/29/93	B096K5	29.00
					B096K9	5.42 U
		Cobalt, filtered	34	9/29/93	B096K5	4.05 U
					B096K9	4.05 U
		Copper, filtered	34	9/29/93	B096K5	5.70 L
					B096K9	4.10 L
		Cresols (methylphenols)	30	3/03/93	B087V0	4.66 U
		Delta-BHC	17	3/03/93	B087V0	.00 U
				9/29/93	B096K5	.00 U
		Dieldrin	17	3/03/93	B087V0	.02 U
				9/29/93	B096K5	.02 U
		Endosulfan I	17	3/03/93	B087V0	.00 U
				9/29/93	B096K5	.00 U
		Endosulfan II	17	3/03/93	B087V0	.00 U
				9/29/93	B096K5	.00 U
		Endosulfan sulfate	17	3/03/93	B087V0	.01 U
				9/29/93	B096K5	.01 U
		Endrin	17	3/03/93	B087V0	.01 U
				9/29/93	B096K5	.01 U
		Endrin Aldehyde	17	3/03/93	B087V0	.01 U
				9/29/93	B096K5	.01 U
		Fluoride	124	9/29/93	B096K5	200.00
		Heptachlor	17	3/03/93	B087V0	.00 U
				9/29/93	B096K5	.00 U
		Heptachlor epoxide	17	3/03/93	B087V0	.00 U
				9/29/93	B096K5	.00 U
		Iron, filtered	34	9/29/93	B096K5	210.00
					B096K9	31.00
		Magnesium, filtered	34	9/29/93	B096K5	8700.00
					B096K9	8700.00
		Manganese, filtered	34	9/29/93	B096K5	13.00
					B096K9	5.70 L
		Methoxychlor	17	3/03/93	B087V0	.10 U
				9/29/93	B096K5	.10 U
		Nickel, filtered	34	9/29/93	B096K5	28.00 L
					B096K9	17.90 U
		Nitrate	124	9/29/93	B096K5	6200.00
		Nitrite	124	9/29/93	B096K5	38.30 U
		Pentachlorophenol	30	3/03/93	B087V0	.87 U
		Phenol	30	3/03/93	B087V0	.31 U
		Phosphate	124	9/29/93	B096K5	147.00 U
		Potassium, filtered	34	9/29/93	B096K5	4000.00
					B096K9	4300.00
		Silver, filtered	34	9/29/93	B096K5	2.87 U
					B096K9	2.87 U
		Sodium, filtered	34	9/29/93	B096K5	14000.00
					B096K9	14000.00
		Sulfate	124	9/29/93	B096K5	23000.00 D
		Tetrachlorophenols	30	3/03/93	B087V0	1.05 U
		Tin, filtered	34	9/29/93	B096K5	51.10 U
					B096K9	51.10 U
		Toxaphene	17	3/03/93	B087V0	.89 U
				9/29/93	B096K5	.89 U
		Trichloroethene	30	3/03/93	B087V0	1.11 U
		Vanadium, filtered	34	9/29/93	B096K5	26.00 L
					B096K9	29.00 L
		Zinc, filtered	34	9/29/93	B096K5	9.00 L
					B096K9	5.50 L
		gamma-BHC (Lindane)	17	3/03/93	B087V0	.00 U
				9/29/93	B096K5	.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-E27-13	2,4,6-Trichlorophenol	30	3/09/93	B087W0	1.45 U
		2,4-Dichlorophenol	30	3/09/93	B087W0	1.50 U
		2,4-Dimethylphenol	30	3/09/93	B087W0	1.01 U
		2,4-Dinitrophenol	30	3/09/93	B087W0	.96 U
		2,6-Dichlorophenol	30	3/09/93	B087W0	1.59 U
		2-Chlorophenol	30	3/09/93	B087W0	1.42 U
		2-Nitrophenol	30	3/09/93	B087W0	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/09/93	B087W0	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/09/93	B087W0	1.18 U
		4-Chloro-3-methylphenol	30	3/09/93	B087W0	1.12 U
		4-Nitrophenol	30	3/09/93	B087W0	.65 U
		Cresols (methylphenols)	30	3/09/93	B087W0	4.66 U
		Pentachlorophenol	30	3/09/93	B087W0	.87 U
		Phenol	30	3/09/93	B087W0	.31 U
		Tetrachlorophenols	30	3/09/93	B087W0	1.05 U
		Trichloroethene	30	3/09/93	B087W0	1.11 U
	299-E27-14	2,4,6-Trichlorophenol	30	3/08/93	B087W5	1.45 U
		2,4-Dichlorophenol	30	3/08/93	B087W5	1.50 U
		2,4-Dimethylphenol	30	3/08/93	B087W5	1.01 U
		2,4-Dinitrophenol	30	3/08/93	B087W5	.96 U
		2,6-Dichlorophenol	30	3/08/93	B087W5	1.59 U
		2-Chlorophenol	30	3/08/93	B087W5	1.42 U
		2-Nitrophenol	30	3/08/93	B087W5	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/08/93	B087W5	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/08/93	B087W5	1.18 U
		4-Chloro-3-methylphenol	30	3/08/93	B087W5	1.12 U
		4-Nitrophenol	30	3/08/93	B087W5	.65 U
		Cresols (methylphenols)	30	3/08/93	B087W5	4.66 U
		Pentachlorophenol	30	3/08/93	B087W5	.87 U
		Phenol	30	3/08/93	B087W5	.31 U
		Tetrachlorophenols	30	3/08/93	B087W5	1.05 U
		Trichloroethene	30	3/08/93	B087W5	1.11 U
	299-E27-15	2,4,5-T	49	6/16/93	B08N44	.38 U
		2,4,5-TP	49	6/16/93	B08N44	.41 U
		2,4-D	49	6/16/93	B08N44	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/16/93	B08N44	.27 U
	299-E27-7	2,4,6-Trichlorophenol	30	3/08/93	B087X5	1.45 U
		2,4-Dichlorophenol	30	3/08/93	B087X5	1.50 U
		2,4-Dimethylphenol	30	3/08/93	B087X5	1.01 U
		2,4-Dinitrophenol	30	3/08/93	B087X5	.96 U
		2,6-Dichlorophenol	30	3/08/93	B087X5	1.59 U
		2-Chlorophenol	30	3/08/93	B087X5	1.42 U
		2-Nitrophenol	30	3/08/93	B087X5	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/08/93	B087X5	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/08/93	B087X5	1.18 U
		4-Chloro-3-methylphenol	30	3/08/93	B087X5	1.12 U
		4-Nitrophenol	30	3/08/93	B087X5	.65 U
		Ammonium ion	129	9/21/93	B096L0	80.00 LQ
		Cresols (methylphenols)	30	3/08/93	B087X5	4.66 U
		Pentachlorophenol	30	3/08/93	B087X5	.87 U
		Phenol	30	3/08/93	B087X5	.31 U
		Tetrachlorophenols	30	3/08/93	B087X5	1.05 U
		Trichloroethene	30	3/08/93	B087X5	1.11 U
	299-E33-31	2,4,5-T	49	6/16/93	B08N54	.38 U
		2,4,5-TP	49	6/16/93	B08N54	.41 U
		2,4-D	49	6/16/93	B08N54	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/16/93	B08N54	.27 U
	299-E33-32	2,4,5-T	49	6/16/93	B08N59	.38 U
		2,4,5-TP	49	6/16/93	B08N59	.41 U
		2,4-D	49	6/16/93	B08N59	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/16/93	B08N59	.27 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-E33-33	2,4,5-T	49	6/16/93	B08N64	.38 U
		2,4,5-TP	49	6/16/93	B08N64	.41 U
		2,4-D	49	6/16/93	B08N64	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/16/93	B08N64	.27 U
	299-E33-42	4,4'-DDD	17	9/21/93	B096L5	.00 U
		4,4'-DDE	17	9/21/93	B096L5	.00 U
		4,4'-DDT	17	9/21/93	B096L5	.01 U
		Aldrin	17	9/21/93	B096L5	.05 U
		Alpha-BHC	17	9/21/93	B096L5	.01 U
		Ammonium ion	129	9/21/93	B096L5	40.00 LQ
		Beta-BHC	17	9/21/93	B096L5	.00 U
		Chlordane	17	9/21/93	B096L5	.01 U
		Delta-BHC	17	9/21/93	B096L5	.00 U
		Dieldrin	17	9/21/93	B096L5	.03 L
		Endosulfan I	17	9/21/93	B096L5	.00 U
		Endosulfan II	17	9/21/93	B096L5	.00 U
		Endosulfan sulfate	17	9/21/93	B096L5	.01 U
		Endrin	17	9/21/93	B096L5	.01 U
		Endrin Aldehyde	17	9/21/93	B096L5	.01 U
		Heptachlor	17	9/21/93	B096L5	.00 U
		Heptachlor epoxide	17	9/21/93	B096L5	.00 U
		Methoxychlor	17	9/21/93	B096L5	.10 U
		Toxaphene	17	9/21/93	B096L5	.89 U
		gamma-BHC (Lindane)	17	9/21/93	B096L5	.00 U
	299-E33-43	2,4,6-Trichlorophenol	30	11/06/92	B07LT3	D
		2,4-Dichlorophenol	30	11/06/92	B07LT3	D
		2,4-Dimethylphenol	30	11/06/92	B07LT3	D
		2,4-Dinitrophenol	30	11/06/92	B07LT3	D
		2,6-Dichlorophenol	30	11/06/92	B07LT3	D
		2-Chlorophenol	30	11/06/92	B07LT3	D
		2-Nitrophenol	30	11/06/92	B07LT3	D
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	11/06/92	B07LT3	D
		4,6-Dinitro-2-methylphenol	30	11/06/92	B07LT3	D
		4-Chloro-3-methylphenol	30	11/06/92	B07LT3	D
		4-Nitrophenol	30	11/06/92	B07LT3	D
		Ammonium ion	129	9/21/93	B096M0	60.00 LQ
		Cresols (methylphenols)	30	11/06/92	B07LT3	D
		Pentachlorophenol	30	11/06/92	B07LT3	D
		Phenol	30	11/06/92	B07LT3	D
		Tetrachlorophenols	30	11/06/92	B07LT3	D
		Trichloroethene	30	11/06/92	B07LT3	D
	299-W10-15	2,4,5-T	49	9/28/93	B096M5	.38 UH
		2,4,5-TP	49	9/28/93	B096M5	.41 UH
		2,4-D	49	9/28/93	B096M5	.19 UH
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	9/28/93	B096M5	.27 UH
		Bromide	124	9/28/93	B096M5	52.80 U
		Chloride	124	9/28/93	B096M5	28000.00 D
		Fluoride	124	9/28/93	B096M5	4700.00
		Nitrate	124	9/28/93	B096M5	350000.00 D
		Nitrite	124	9/28/93	B096M5	38.30 U
		Phosphate	124	9/28/93	B096M5	147.00 U
		Sulfate	124	9/28/93	B096M5	66000.00 D
		Total Organic Halogen	67	3/05/93	B087Y0	860.00 DPFD
	299-W10-16	2,4,5-T	49	9/28/93	B096N0	.38 UH
		2,4,5-TP	49	9/28/93	B096N0	.41 UH
		2,4-D	49	9/28/93	B096N0	.19 UH
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	9/28/93	B096N0	.27 UH
		Antimony, filtered	34	3/05/93	B087Y9	69.40 U
		Barium, filtered	34	3/05/93	B087Y9	30.00
		Beryllium, filtered	34	3/05/93	B087Y9	.81 U
		Bromide	124	9/28/93	B096N0	52.80 U
		Cadmium, filtered	34	3/05/93	B087Y9	4.70 U
		Calcium, filtered	34	3/05/93	B087Y9	34000.00

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-W10-16	Chloride	124	9/28/93	B096N0	30000.00 D
		Chromium, filtered	34	3/05/93	B087Y9	50.00
		Cobalt, filtered	34	3/05/93	B087Y9	4.05 U
		Copper, filtered	34	3/05/93	B087Y9	2.65 U
		Fluoride	124	9/28/93	B096N0	2500.00
		Iron, filtered	34	3/05/93	B087Y9	40.00
		Magnesium, filtered	34	3/05/93	B087Y9	10000.00
		Manganese, filtered	34	3/05/93	B087Y9	1.35 U
		Nickel, filtered	34	3/05/93	B087Y9	17.90 U
		Nitrate	124	9/28/93	B096N0	150000.00 D
		Nitrite	124	9/28/93	B096N0	38.30 U
		Phosphate	124	9/28/93	B096N0	147.00 U
		Potassium, filtered	34	3/05/93	B087Y9	4200.00
		Silver, filtered	34	3/05/93	B087Y9	2.87 U
		Sodium, filtered	34	3/05/93	B087Y9	110000.00
		Sulfate	124	9/28/93	B096N0	64000.00 D
		Tin, filtered	34	3/05/93	B087Y9	51.10 U
		Vanadium, filtered	34	3/05/93	B087Y9	50.00
		Zinc, filtered	34	3/05/93	B087Y9	3.44 U
	299-W10-17	2,4,5-T	49	6/23/93	B08MS4	.38 U
				9/28/93	B096N5	.38 UH
		2,4,5-TP	49	6/23/93	B08MS4	.41 U
				9/28/93	B096N5	.41 UH
		2,4-D	49	6/23/93	B08MS4	.19 U
				9/28/93	B096N5	.19 UH
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/23/93	B08MS4	.27 U
				9/28/93	B096N5	.27 UH
		Bromide	124	9/28/93	B096N5	52.80 U
		Chloride	124	9/28/93	B096N5	35000.00 D
		Fluoride	124	9/28/93	B096N5	2200.00
		Nitrate	124	9/28/93	B096N5	120000.00 D
		Nitrite	124	9/28/93	B096N5	38.30 U
		Phosphate	124	9/28/93	B096N5	147.00 U
		Sulfate	124	9/28/93	B096N5	68000.00 D
	299-W10-18	2,4,5-T	49	6/23/93	B08MS9	.38 U
				9/28/93	B096P0	.38 UXH
		2,4,5-TP	49	6/23/93	B08MS9	.41 U
				9/28/93	B096P0	.41 UXH
		2,4,6-Trichlorophenol	30	3/08/93	B087Z5	1.45 U
		2,4-D	49	6/23/93	B08MS9	.19 U
				9/28/93	B096P0	.19 UXH
		2,4-Dichlorophenol	30	3/08/93	B087Z5	1.50 U
		2,4-Dimethylphenol	30	3/08/93	B087Z5	1.01 U
		2,4-Dinitrophenol	30	3/08/93	B087Z5	.96 U
		2,6-Dichlorophenol	30	3/08/93	B087Z5	1.59 U
		2-Chlorophenol	30	3/08/93	B087Z5	1.42 U
		2-Nitrophenol	30	3/08/93	B087Z5	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/08/93	B087Z5	1.35 U
			49	6/23/93	B08MS9	.27 U
				9/28/93	B096P0	.27 UXH
		4,6-Dinitro-2-methylphenol	30	3/08/93	B087Z5	1.18 U
		4-Chloro-3-methylphenol	30	3/08/93	B087Z5	1.12 U
		4-Nitrophenol	30	3/08/93	B087Z5	.65 U
		Bromide	124	9/28/93	B096P0	200.00 L
		Chloride	124	9/28/93	B096P0	39000.00 D
		Cresols (methylphenols)	30	3/08/93	B087Z5	4.66 U
		Fluoride	124	9/28/93	B096P0	1400.00
		Nitrate	124	9/28/93	B096P0	57000.00 D
		Nitrite	124	9/28/93	B096P0	38.30 U
		Pentachlorophenol	30	3/08/93	B087Z5	.87 U
		Phenol	30	3/08/93	B087Z5	.31 U
		Phosphate	124	9/28/93	B096P0	147.00 U
		Sulfate	124	9/28/93	B096P0	52000.00 D
		Tetrachlorophenols	30	3/08/93	B087Z5	1.05 U
		Trichloroethene	30	3/08/93	B087Z5	1.11 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-W11-27	2,4,5-T	49	9/28/93	B096P5	.38 UH
		2,4,5-TP	49	9/28/93	B096P5	.41 UH
		2,4-D	49	9/28/93	B096P5	.19 UH
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	9/28/93	B096P5	.27 UH
		Bromide	124	9/28/93	B096P5	52.80 U
		Chloride	124	9/28/93	B096P5	2100.00
		Fluoride	124	9/28/93	B096P5	900.00
		Nitrate	124	9/28/93	B096P5	5600.00
		Nitrite	124	9/28/93	B096P5	38.30 U
		Phosphate	124	9/28/93	B096P5	147.00 U
		Sulfate	124	9/28/93	B096P5	59000.00 D
	299-W14-12	2,4,5-T	49	6/23/93	B08MT9	.38 U
				9/28/93	B096Q0	.38 UH
		2,4,5-TP	49	6/23/93	B08MT9	.41 U
				9/28/93	B096Q0	.41 UH
		2,4-D	49	6/23/93	B08MT9	.19 U
				9/28/93	B096Q0	.19 UH
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/23/93	B08MT9	.27 U
				9/28/93	B096Q0	.27 UH
		Bromide	124	9/28/93	B096Q0	52.80 U
		Chloride	124	9/28/93	B096Q0	94000.00 D
		Fluoride	124	9/28/93	B096Q0	5300.00 F
		Nitrate	124	9/28/93	B096Q0	520000.00 D
		Nitrite	124	9/28/93	B096Q0	38.30 U
		Phosphate	124	9/28/93	B096Q0	147.00 U
		Sulfate	124	9/28/93	B096Q0	96000.00 D
	299-W15-22	2,4,5-T	49	6/23/93	B08MV4	.38 U
				9/28/93	B096Q5	.38 UH
		2,4,5-TP	49	6/23/93	B08MV4	.41 U
				9/28/93	B096Q5	.41 UH
		2,4-D	49	6/23/93	B08MV4	.19 U
				9/28/93	B096Q5	.19 UH
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/23/93	B08MV4	.27 U
				9/28/93	B096Q5	.27 UH
		Bromide	124	9/28/93	B096Q5	200.00 L
		Chloride	124	9/28/93	B096Q5	25000.00 D
		Fluoride	124	9/28/93	B096Q5	500.00
		Nitrate	124	9/28/93	B096Q5	95000.00 D
		Nitrite	124	9/28/93	B096Q5	38.30 U
		Phosphate	124	9/28/93	B096Q5	147.00 U
		Sulfate	124	9/28/93	B096Q5	37000.00 D
		Total Organic Halogen	67	3/05/93	B08817	410.00 DPFD
	299-W18-25	2,4,6-Trichlorophenol	30	3/04/93	B08820	1.45 U
		2,4-Dichlorophenol	30	3/04/93	B08820	1.50 U
		2,4-Dimethylphenol	30	3/04/93	B08820	1.01 U
		2,4-Dinitrophenol	30	3/04/93	B08820	.96 U
		2,6-Dichlorophenol	30	3/04/93	B08820	1.59 U
		2-Chlorophenol	30	3/04/93	B08820	1.42 U
		2-Nitrophenol	30	3/04/93	B08820	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/04/93	B08820	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/04/93	B08820	1.18 U
		4-Chloro-3-methylphenol	30	3/04/93	B08820	1.12 U
		4-Nitrophenol	30	3/04/93	B08820	.65 U
		Cresols (methylphenols)	30	3/04/93	B08820	4.66 U
		Hydrazine	36	3/04/93	B08820	1.89 U
		Pentachlorophenol	30	3/04/93	B08820	.87 U
		Phenol	30	3/04/93	B08820	.31 U
		Tetrachlorophenols	30	3/04/93	B08820	1.05 U
		Trichloroethene	30	3/04/93	B08820	1.11 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-W18-30	2,4,6-Trichlorophenol	30	3/04/93	B08825	1.45 U
		2,4-Dichlorophenol	30	3/04/93	B08825	1.50 U
		2,4-Dimethylphenol	30	3/04/93	B08825	1.01 U
		2,4-Dinitrophenol	30	3/04/93	B08825	.96 U
		2,6-Dichlorophenol	30	3/04/93	B08825	1.59 U
		2-Chlorophenol	30	3/04/93	B08825	1.42 U
		2-Nitrophenol	30	3/04/93	B08825	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/04/93	B08825	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/04/93	B08825	1.18 U
		4-Chloro-3-methylphenol	30	3/04/93	B08825	1.12 U
		4-Nitrophenol	30	3/04/93	B08825	.65 U
		Aluminum, filtered	34	9/20/93	B096R4	32.50 U
		Antimony, filtered	34	9/20/93	B096R4	69.40 U
		Barium, filtered	34	9/20/93	B096R4	22.00
		Beryllium, filtered	34	9/20/93	B096R4	.81 U
		Cadmium, filtered	34	9/20/93	B096R4	4.70 U
		Calcium, filtered	34	9/20/93	B096R4	21000.00
		Chromium, filtered	34	9/20/93	B096R4	5.42 U
		Cobalt, filtered	34	9/20/93	B096R4	4.05 U
		Copper, filtered	34	9/20/93	B096R4	2.65 U
		Cresols (methylphenols)	30	3/04/93	B08825	4.66 U
		Hydrazine	36	3/04/93	B08825	1.89 U
		Iron, filtered	34	9/20/93	B096R4	32.00
		Magnesium, filtered	34	9/20/93	B096R4	6300.00
		Manganese, filtered	34	9/20/93	B096R4	1.35 U
		Nickel, filtered	34	9/20/93	B096R4	17.90 U
		Pentachlorophenol	30	3/04/93	B08825	.87 U
		Phenol	30	3/04/93	B08825	.31 U
		Potassium, filtered	34	9/20/93	B096R4	3000.00
		Silver, filtered	34	9/20/93	B096R4	2.87 U
		Sodium, filtered	34	9/20/93	B096R4	17000.00
		Tetrachlorophenols	30	3/04/93	B08825	1.05 U
		Tin, filtered	34	9/20/93	B096R4	51.10 U
		Trichloroethene	30	3/04/93	B08825	1.11 U
		Vanadium, filtered	34	9/20/93	B096R4	27.00 L
		Zinc, filtered	34	9/20/93	B096R4	3.50 L
	299-W18-31	2,4,6-Trichlorophenol	30	3/04/93	B08830	1.45 U
		2,4-Dichlorophenol	30	3/04/93	B08830	1.50 U
		2,4-Dimethylphenol	30	3/04/93	B08830	1.01 U
		2,4-Dinitrophenol	30	3/04/93	B08830	.96 U
		2,6-Dichlorophenol	30	3/04/93	B08830	1.59 U
		2-Chlorophenol	30	3/04/93	B08830	1.42 U
		2-Nitrophenol	30	3/04/93	B08830	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/04/93	B08830	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/04/93	B08830	1.18 U
		4-Chloro-3-methylphenol	30	3/04/93	B08830	1.12 U
		4-Nitrophenol	30	3/04/93	B08830	.65 U
		Aluminum, filtered	34	9/20/93	B096R5	87.00 L
					B096R9	63.00 L
		Antimony, filtered	34	9/20/93	B096R5	69.40 U
					B096R9	69.40 U
		Barium, filtered	34	9/20/93	B096R5	53.00
					B096R9	51.00
		Beryllium, filtered	34	9/20/93	B096R5	.81 U
					B096R9	.81 U
		Cadmium, filtered	34	9/20/93	B096R5	4.70 U
					B096R9	4.70 U
		Calcium, filtered	34	9/20/93	B096R5	27000.00
					B096R9	26000.00
		Chromium, filtered	34	9/20/93	B096R5	22.00
					B096R9	5.42 U
		Cobalt, filtered	34	9/20/93	B096R5	4.05 U
					B096R9	4.05 U
		Copper, filtered	34	9/20/93	B096R5	6.40 L
					B096R9	2.65 U

Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-W18-31	Cresols (methylphenols)	30	3/04/93	B08830	4.66 U
		Hydrazine	36	3/04/93	B08830	1.89 U
		Iron, filtered	34	9/20/93	B096R5	200.00
					B096R9	43.00
		Magnesium, filtered	34	9/20/93	B096R5	8000.00
					B096R9	7800.00
		Manganese, filtered	34	9/20/93	B096R5	33.00
					B096R9	30.00
		Nickel, filtered	34	9/20/93	B096R5	17.90 U
					B096R9	17.90 U
		Pentachlorophenol	30	3/04/93	B08830	.87 U
		Phenol	30	3/04/93	B08830	.31 U
		Potassium, filtered	34	9/20/93	B096R5	4200.00
					B096R9	4000.00
		Silver, filtered	34	9/20/93	B096R5	2.87 U
					B096R9	2.87 U
		Sodium, filtered	34	9/20/93	B096R5	14000.00
					B096R9	14000.00
		Tetrachlorophenols	30	3/04/93	B08830	1.05 U
		Tin, filtered	34	9/20/93	B096R5	51.10 U
					B096R9	51.10 U
		Trichloroethene	30	3/04/93	B08830	1.11 U
		Vanadium, filtered	34	9/20/93	B096R5	6.90 L
					B096R9	12.00 L
		Zinc, filtered	34	9/20/93	B096R5	2.80 L
					B096R9	3.30 L
	299-W19-31	2,4,6-Trichlorophenol	30	3/04/93	B08835	1.45 U
		2,4-Dichlorophenol	30	3/04/93	B08835	1.50 U
		2,4-Dimethylphenol	30	3/04/93	B08835	1.01 U
		2,4-Dinitrophenol	30	3/04/93	B08835	.96 U
		2,6-Dichlorophenol	30	3/04/93	B08835	1.59 U
		2-Chlorophenol	30	3/04/93	B08835	1.42 U
		2-Nitrophenol	30	3/04/93	B08835	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/04/93	B08835	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/04/93	B08835	1.18 U
		4-Chloro-3-methylphenol	30	3/04/93	B08835	1.12 U
		4-Nitrophenol	30	3/04/93	B08835	.65 U
		Cresols (methylphenols)	30	3/04/93	B08835	4.66 U
		Hydrazine	36	3/04/93	B08835	1.89 U
		Pentachlorophenol	30	3/04/93	B08835	.87 U
		Phenol	30	3/04/93	B08835	.31 U
		Tetrachlorophenols	30	3/04/93	B08835	1.05 U
		Trichloroethene	30	3/04/93	B08835	1.11 U
	299-W22-39	2,4,6-Trichlorophenol	30	3/04/93	B08845	1.45 U
		2,4-Dichlorophenol	30	3/04/93	B08845	1.50 U
		2,4-Dimethylphenol	30	3/04/93	B08845	1.01 U
		2,4-Dinitrophenol	30	3/04/93	B08845	.96 U
		2,6-Dichlorophenol	30	3/04/93	B08845	1.59 U
		2-Chlorophenol	30	3/04/93	B08845	1.42 U
		2-Nitrophenol	30	3/04/93	B08845	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/04/93	B08845	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/04/93	B08845	1.18 U
		4-Chloro-3-methylphenol	30	3/04/93	B08845	1.12 U
		4-Nitrophenol	30	3/04/93	B08845	.65 U
		Cresols (methylphenols)	30	3/04/93	B08845	4.66 U
		Hydrazine	36	3/04/93	B08845	1.89 U
		Pentachlorophenol	30	3/04/93	B08845	.87 U
		Phenol	30	3/04/93	B08845	.31 U
		Tetrachlorophenols	30	3/04/93	B08845	1.05 U
		Trichloroethene	30	3/04/93	B08845	1.11 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-W22-44	4,4'-DDD	17	9/29/93	B096S0	.00 U
		4,4'-DDE	17	9/29/93	B096S0	.00 U
		4,4'-DDT	17	9/29/93	B096S0	.01 U
		Aldrin	17	9/29/93	B096S0	.05 U
		Alpha-BHC	17	9/29/93	B096S0	.01 U
		Aluminum, filtered	34	9/29/93	B096S0	840.00
					B096S4	32.50 U
		Antimony, filtered	34	9/29/93	B096S0	69.40 U
					B096S4	69.40 U
		Barium, filtered	34	9/29/93	B096S0	31.00
					B096S4	20.00 L
		Beryllium, filtered	34	9/29/93	B096S0	.81 U
					B096S4	.81 U
		Beta-BHC	17	9/29/93	B096S0	.00 U
		Bromide	124	9/29/93	B096S0	52.80 U
		Cadmium, filtered	34	9/29/93	B096S0	4.70 U
					B096S4	4.70 U
		Calcium, filtered	34	9/29/93	B096S0	15000.00
					B096S4	14000.00
		Chlordane	17	9/29/93	B096S0	.01 U
		Chloride	124	9/29/93	B096S0	1300.00
		Chromium, filtered	34	9/29/93	B096S0	72.00
					B096S4	5.42 U
		Cobalt, filtered	34	9/29/93	B096S0	4.05 U
					B096S4	4.05 U
		Copper, filtered	34	9/29/93	B096S0	6.80 L
					B096S4	2.65 U
		Delta-BHC	17	9/29/93	B096S0	.00 U
		Dieldrin	17	9/29/93	B096S0	.02 U
		Endosulfan I	17	9/29/93	B096S0	.00 U
		Endosulfan II	17	9/29/93	B096S0	.00 U
		Endosulfan sulfate	17	9/29/93	B096S0	.01 U
		Endrin	17	9/29/93	B096S0	.01 U
		Endrin Aldehyde	17	9/29/93	B096S0	.01 U
		Fluoride	124	9/29/93	B096S0	400.00
		Heptachlor	17	9/29/93	B096S0	.00 U
		Heptachlor epoxide	17	9/29/93	B096S0	.00 U
		Iron, filtered	34	9/29/93	B096S0	1600.00
					B096S4	19.00 L
		Magnesium, filtered	34	9/29/93	B096S0	4900.00
					B096S4	4600.00
		Manganese, filtered	34	9/29/93	B096S0	81.00
					B096S4	2.80 L
		Methoxychlor	17	9/29/93	B096S0	.10 U
		Nickel, filtered	34	9/29/93	B096S0	45.00
					B096S4	17.90 U
		Nitrate	124	9/29/93	B096S0	900.00
		Nitrite	124	9/29/93	B096S0	38.30 U
		Phosphate	124	9/29/93	B096S0	147.00 U
		Potassium, filtered	34	9/29/93	B096S0	1700.00
					B096S4	1500.00
		Silver, filtered	34	9/29/93	B096S0	2.87 U
					B096S4	2.87 U
		Sodium, filtered	34	9/29/93	B096S0	20000.00
					B096S4	20000.00
		Sulfate	124	9/29/93	B096S0	10000.00 D
		Tin, filtered	34	9/29/93	B096S0	51.10 U
					B096S4	51.10 U
		Toxaphene	17	9/29/93	B096S0	.89 U
		Vanadium, filtered	34	9/29/93	B096S0	31.00
					B096S4	29.00 L
		Zinc, filtered	34	9/29/93	B096S0	29.00
					B096S4	4.90 L
		gamma-BHC (Lindane)	17	9/29/93	B096S0	.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-W22-45	4,4'-DDD	17	9/29/93	B096S5	.00 U
					B096S6	.00 U
		4,4'-DDE	17	9/29/93	B096S5	.00 U
					B096S6	.00 U
		4,4'-DDT	17	9/29/93	B096S5	.01 U
					B096S6	.01 U
		Aldrin	17	9/29/93	B096S5	.05 U
					B096S6	.05 U
		Alpha-BHC	17	9/29/93	B096S5	.01 U
					B096S6	.01 U
		Aluminum, filtered	34	9/29/93	B096S5	220.00 Q
					B096S6	330.00 Q
					B096T3	32.50 U
					B096T4	32.50 U
		Antimony, filtered	34	9/29/93	B096S5	69.40 U
					B096S6	69.40 U
					B096T3	69.40 U
					B096T4	69.40 U
		Barium, filtered	34	9/29/93	B096S5	28.00
					B096S6	29.00
					B096T3	25.00
					B096T4	25.00
		Beryllium, filtered	34	9/29/93	B096S5	.81 U
					B096S6	.81 U
					B096T3	.81 U
					B096T4	.81 U
		Beta-BHC	17	9/29/93	B096S5	.00 U
					B096S6	.00 U
		Bromide	124	9/29/93	B096S5	52.80 U
					B096S6	52.80 U
		Cadmium, filtered	34	9/29/93	B096S5	4.70 U
					B096S6	4.70 U
					B096T3	4.70 U
					B096T4	4.70 U
		Calcium, filtered	34	9/29/93	B096S5	18000.00
					B096S6	18000.00
					B096T3	18000.00
					B096T4	18000.00
		Chlordane	17	9/29/93	B096S5	.01 U
					B096S6	.01 U
		Chloride	124	9/29/93	B096S5	3400.00
					B096S6	3300.00
		Chromium, filtered	34	9/29/93	B096S5	20.00
					B096S6	23.00
					B096T3	5.42 U
					B096T4	5.42 U
		Cobalt, filtered	34	9/29/93	B096S5	4.05 U
					B096S6	4.05 U
					B096T3	4.05 U
					B096T4	4.05 U
		Copper, filtered	34	9/29/93	B096S5	2.65 U
					B096S6	2.65 U
					B096T3	2.65 U
					B096T4	2.65 U
		Delta-BHC	17	9/29/93	B096S5	.00 U
					B096S6	.00 U
		Dieldrin	17	9/29/93	B096S5	.02 U
					B096S6	.02 U
		Disulfoton	29	6/24/93	B08N04	.12 U
		Endosulfan I	17	9/29/93	B096S5	.00 U
					B096S6	.00 U
		Endosulfan II	17	9/29/93	B096S5	.00 U
					B096S6	.00 U
		Endosulfan sulfate	17	9/29/93	B096S5	.01 U
					B096S6	.01 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-W22-45	Endrin	17	9/29/93	B096S5	.01 U
					B096S6	.01 U
		Endrin Aldehyde	17	9/29/93	B096S5	.01 U
					B096S6	.01 U
		Fluoride	124	9/29/93	B096S5	500.00
					B096S6	500.00
		Heptachlor	17	9/29/93	B096S5	.00 U
					B096S6	.00 U
		Heptachlor epoxide	17	9/29/93	B096S5	.00 U
					B096S6	.00 U
		Iron, filtered	34	9/29/93	B096S5	690.00
					B096S6	880.00
					B096T3	12.00 LQ
					B096T4	16.00 LQ
		Magnesium, filtered	34	9/29/93	B096S5	5600.00
					B096S6	5700.00
					B096T3	5700.00
					B096T4	5700.00
		Manganese, filtered	34	9/29/93	B096S5	17.00
					B096S6	21.00
					B096T3	1.35 UQ
					B096T4	2.40 LQ
		Methoxychlor	17	9/29/93	B096S5	.10 U
					B096S6	.10 U
		Methyl parathion	29	6/24/93	B08N04	.24 U
		Nickel, filtered	34	9/29/93	B096S5	17.90 U
					B096S6	17.90 U
					B096T3	17.90 U
					B096T4	17.90 U
		Nitrate	124	9/29/93	B096S5	9400.00
					B096S6	9000.00
		Nitrite	124	9/29/93	B096S5	38.30 U
					B096S6	38.30 U
		Phorate	29	6/24/93	B08N04	.10 U
		Phosphate	124	9/29/93	B096S5	147.00 U
					B096S6	147.00 U
		Potassium, filtered	34	9/29/93	B096S5	1800.00
					B096S6	2000.00
					B096T3	2400.00
					B096T4	1900.00
		Silver, filtered	34	9/29/93	B096S5	2.87 U
					B096S6	2.87 U
					B096T3	2.87 U
					B096T4	2.87 U
		Sodium, filtered	34	9/29/93	B096S5	23000.00
					B096S6	22000.00
					B096T3	22000.00
					B096T4	22000.00
		Sulfate	124	9/29/93	B096S5	16000.00 D
					B096S6	16000.00 D
		Tin, filtered	34	9/29/93	B096S5	51.10 U
					B096S6	51.10 U
					B096T3	51.10 U
					B096T4	51.10 U
		Total Organic Halogen	67	9/29/93	B096S8	8.00 UP
					B096S9	8.00 UP
					B096T0	8.00 UP
					B096T1	8.00 UP
					B096T2	30.00 PF
		Toxaphene	17	9/29/93	B096S5	.89 U
					B096S6	.89 U
		Vanadium, filtered	34	9/29/93	B096S5	32.00
					B096S6	29.00 L
					B096T3	25.00 L
					B096T4	24.00 L

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-W22-45	Zinc, filtered	34	9/29/93	B096S5	8.30 LQ
					B096S6	11.00 Q
					B096T3	6.30 L
					B096T4	5.60 L
		gamma-BHC (Lindane)	17	9/29/93	B096S5	.00 U
					B096S6	.00 U
	299-W23-13	2,4,6-Trichlorophenol	30	3/04/93	B087Q0	1.45 U
		2,4-Dichlorophenol	30	3/04/93	B087Q0	1.50 U
		2,4-Dimethylphenol	30	3/04/93	B087Q0	1.01 U
		2,4-Dinitrophenol	30	3/04/93	B087Q0	.96 U
		2,6-Dichlorophenol	30	3/04/93	B087Q0	1.59 U
		2-Chlorophenol	30	3/04/93	B087Q0	1.42 U
		2-Nitrophenol	30	3/04/93	B087Q0	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/04/93	B087Q0	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/04/93	B087Q0	1.18 U
		4-Chloro-3-methylphenol	30	3/04/93	B087Q0	1.12 U
		4-Nitrophenol	30	3/04/93	B087Q0	.65 U
		Cresols (methylphenols)	30	3/04/93	B087Q0	4.66 U
		Hydrazine	36	3/04/93	B087Q0	1.89 U
		Pentachlorophenol	30	3/04/93	B087Q0	.87 U
		Phenol	30	3/04/93	B087Q0	.31 U
		Tetrachlorophenols	30	3/04/93	B087Q0	1.05 U
		Trichloroethene	30	3/04/93	B087Q0	1.11 U
	299-W23-14	2,4,6-Trichlorophenol	30	3/04/93	B087Q5	1.45 U
		2,4-Dichlorophenol	30	3/04/93	B087Q5	1.50 U
		2,4-Dimethylphenol	30	3/04/93	B087Q5	1.01 U
		2,4-Dinitrophenol	30	3/04/93	B087Q5	.96 U
		2,6-Dichlorophenol	30	3/04/93	B087Q5	1.59 U
		2-Chlorophenol	30	3/04/93	B087Q5	1.42 U
		2-Nitrophenol	30	3/04/93	B087Q5	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/04/93	B087Q5	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/04/93	B087Q5	1.18 U
		4-Chloro-3-methylphenol	30	3/04/93	B087Q5	1.12 U
		4-Nitrophenol	30	3/04/93	B087Q5	.65 U
		Cresols (methylphenols)	30	3/04/93	B087Q5	4.66 U
		Hydrazine	36	3/04/93	B087Q5	1.89 U
		Pentachlorophenol	30	3/04/93	B087Q5	.87 U
		Phenol	30	3/04/93	B087Q5	.31 U
		Tetrachlorophenols	30	3/04/93	B087Q5	1.05 U
		Trichloroethene	30	3/04/93	B087Q5	1.11 U
	299-W23-15	2,4,6-Trichlorophenol	30	3/04/93	B087S0	1.45 U
		2,4-Dichlorophenol	30	3/04/93	B087S0	1.50 U
		2,4-Dimethylphenol	30	3/04/93	B087S0	1.01 U
		2,4-Dinitrophenol	30	3/04/93	B087S0	.96 U
		2,6-Dichlorophenol	30	3/04/93	B087S0	1.59 U
		2-Chlorophenol	30	3/04/93	B087S0	1.42 U
		2-Nitrophenol	30	3/04/93	B087S0	1.56 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	30	3/04/93	B087S0	1.35 U
		4,6-Dinitro-2-methylphenol	30	3/04/93	B087S0	1.18 U
		4-Chloro-3-methylphenol	30	3/04/93	B087S0	1.12 U
		4-Nitrophenol	30	3/04/93	B087S0	.65 U
		Bromide	124	6/25/93	B08NC9	52.80 U
					B08ND0	52.80 U
		Chloride	124	6/25/93	B08NC9	3700.00
					B08ND0	3800.00
		Cresols (methylphenols)	30	3/04/93	B087S0	4.66 U
		Fluoride	124	6/25/93	B08NC9	500.00
					B08ND0	400.00
		Hydrazine	36	3/04/93	B087S0	1.89 U
		Nitrate	124	6/25/93	B08NC9	73000.00
					B08ND0	73000.00
		Nitrite	124	6/25/93	B08NC9	100.00 LQ
					B08ND0	200.00 Q

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
SST	299-W23-15	Pentachlorophenol	30	3/04/93	B087S0	.87 U
		Phenol	30	3/04/93	B087S0	.31 U
		Phosphate	124	6/25/93	B08NC9	147.00 U
					B08ND0	147.00 U
		Sulfate	124	6/25/93	B08NC9	13000.00
					B08ND0	14000.00
		Tetrachlorophenols	30	3/04/93	B087S0	1.05 U
		Trichloroethene	30	3/04/93	B087S0	1.11 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
300	399-1-11	2,4,5-T	49	9/14/93	B09643	.38 L
		2,4,5-TP	49	9/14/93	B09643	.36 L
		2,4-D	49	9/14/93	B09643	.91 L
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	9/14/93	B09643	.27 U
	399-1-16A	4,4'-DDD	17	9/29/93	B09649	.00 U
		4,4'-DDE	17	9/29/93	B09649	.00 U
		4,4'-DDT	17	9/29/93	B09649	.01 U
		Aldrin	17	9/29/93	B09649	.05 U
		Alpha-BHC	17	9/29/93	B09649	.01 U
		Aluminum, filtered	34	9/29/93	B09649	32.50 U
					B09650	32.50 U
		Antimony, filtered	34	9/29/93	B09649	69.40 U
					B09650	69.40 U
		Barium, filtered	34	9/29/93	B09649	56.00
					B09650	55.00
		Beryllium, filtered	34	9/29/93	B09649	.81 U
					B09650	.81 U
		Beta-BHC	17	9/29/93	B09649	.00 U
		Cadmium, filtered	34	9/29/93	B09649	4.70 U
					B09650	4.70 U
		Calcium, filtered	34	9/29/93	B09649	45000.00
					B09650	44000.00
		Chlordane	17	9/29/93	B09649	.01 U
		Chromium, filtered	34	9/29/93	B09649	9.50 L
					B09650	5.42 U
		Cobalt, filtered	34	9/29/93	B09649	4.05 U
					B09650	4.05 U
		Copper, filtered	34	9/29/93	B09649	2.65 U
					B09650	2.65 U
		Delta-BHC	17	9/29/93	B09649	.00 U
		Dieldrin	17	9/29/93	B09649	.02 U
		Endosulfan I	17	9/29/93	B09649	.00 U
		Endosulfan II	17	9/29/93	B09649	.00 U
		Endosulfan sulfate	17	9/29/93	B09649	.01 U
		Endrin	17	9/29/93	B09649	.01 U
		Endrin Aldehyde	17	9/29/93	B09649	.01 U
		Heptachlor	17	9/29/93	B09649	.00 U
		Heptachlor epoxide	17	9/29/93	B09649	.00 U
		Iron, filtered	34	9/29/93	B09649	71.00
					B09650	29.00
		Magnesium, filtered	34	9/29/93	B09649	8800.00
					B09650	8600.00
		Manganese, filtered	34	9/29/93	B09649	5.20 L
					B09650	5.20 L
		Methoxychlor	17	9/29/93	B09649	.10 U
		Nickel, filtered	34	9/29/93	B09649	94.00
					B09650	87.00
		Potassium, filtered	34	9/29/93	B09649	2300.00
					B09650	2500.00
		Silver, filtered	34	9/29/93	B09649	2.87 U
					B09650	2.87 U
		Sodium, filtered	34	9/29/93	B09649	19000.00
			34	9/29/93	B09650	19000.00
		Tin, filtered	34	9/29/93	B09649	51.10 U
					B09650	51.10 U
		Toxaphene	17	9/29/93	B09649	.89 U
		Vanadium, filtered	34	9/29/93	B09649	3.84 U
					B09650	3.84 U
		Zinc, filtered	34	9/29/93	B09649	7.30 L
					B09650	5.30 L

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
300	399-1-16A	gamma-BHC (Lindane)	17	9/29/93	B09649	.00 U
	399-1-16B	4,4'-DDD	17	9/29/93	B09651	.00 U
		4,4'-DDE	17	9/29/93	B09651	.00 U
		4,4'-DDT	17	9/29/93	B09651	.01 U
		Aldrin	17	9/29/93	B09651	.05 U
		Alpha-BHC	17	9/29/93	B09651	.01 U
		Aluminum, filtered	34	9/29/93	B09651	32.50 U
					B09652	32.50 U
		Antimony, filtered	34	9/29/93	B09651	69.40 U
					B09652	69.40 U
		Barium, filtered	34	9/29/93	B09651	48.00
					B09652	49.00
		Beryllium, filtered	34	9/29/93	B09651	.81 U
					B09652	.81 U
		Beta-BHC	17	9/29/93	B09651	.00 U
		Cadmium, filtered	34	9/29/93	B09651	4.70 U
					B09652	4.70 U
		Calcium, filtered	34	9/29/93	B09651	17000.00
					B09652	17000.00
		Chlordane	17	9/29/93	B09651	.01 U
		Chromium, filtered	34	9/29/93	B09651	62.00
					B09652	5.42 U
		Cobalt, filtered	34	9/29/93	B09651	4.05 U
					B09652	4.05 U
		Copper, filtered	34	9/29/93	B09651	2.65 U
					B09652	2.65 U
		Delta-BHC	17	9/29/93	B09651	.00 U
		Dieldrin	17	9/29/93	B09651	.02 U
		Endosulfan I	17	9/29/93	B09651	.00 U
		Endosulfan II	17	9/29/93	B09651	.00 U
		Endosulfan sulfate	17	9/29/93	B09651	.01 U
		Endrin	17	9/29/93	B09651	.01 U
		Endrin Aldehyde	17	9/29/93	B09651	.01 U
		Heptachlor	17	9/29/93	B09651	.00 U
		Heptachlor epoxide	17	9/29/93	B09651	.00 U
		Iron, filtered	34	9/29/93	B09651	340.00
					B09652	86.00
		Magnesium, filtered	34	9/29/93	B09651	5800.00
					B09652	5700.00
		Manganese, filtered	34	9/29/93	B09651	79.00
					B09652	74.00
		Methoxychlor	17	9/29/93	B09651	.10 U
		Nickel, filtered	34	9/29/93	B09651	29.00 L
					B09652	17.90 U
		Potassium, filtered	34	9/29/93	B09651	3600.00
					B09652	3500.00
		Silver, filtered	34	9/29/93	B09651	2.87 U
					B09652	2.87 U
		Sodium, filtered	34	9/29/93	B09651	45000.00
					B09652	45000.00
		Tin, filtered	34	9/29/93	B09651	51.10 U
					B09652	51.10 U
		Toxaphene	17	9/29/93	B09651	.89 U
		Vanadium, filtered	34	9/29/93	B09651	3.84 U
					B09652	3.84 U
		Zinc, filtered	34	9/29/93	B09651	6.20 L
					B09652	3.50 L
		gamma-BHC (Lindane)	17	9/29/93	B09651	.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
300	399-1-17A	Aroclor-1016	17	11/05/92	B07LF8	1.00 U
				1/27/93	B07TJ2	1.00 U
		Aroclor-1221	17	11/05/92	B07LF8	1.00 U
				1/27/93	B07TJ2	1.00 U
		Aroclor-1232	17	11/05/92	B07LF8	1.00 U
				1/27/93	B07TJ2	1.00 U
		Aroclor-1242	17	11/05/92	B07LF8	1.00 U
				1/27/93	B07TJ2	1.00 U
		Aroclor-1248	17	11/05/92	B07LF8	1.00 U
				1/27/93	B07TJ2	1.00 U
		Aroclor-1254	17	11/05/92	B07LF8	1.00 U
				1/27/93	B07TJ2	1.00 U
		Aroclor-1260	17	11/05/92	B07LF8	1.00 U
				1/27/93	B07TJ2	1.00 U
	399-1-17B	1,2-Dichloroethene	16	9/07/93	B09655	5.10
		1-Butanol	16	9/07/93	B09655	13.10 U
		4,4'-DDD	17	9/07/93	B09655	.00 U
		4,4'-DDE	17	9/07/93	B09655	.00 U
		4,4'-DDT	17	9/07/93	B09655	.01 U
		4-Methyl-2-pentanone	16	9/07/93	B09655	.85 U
		Acetone	16	9/07/93	B09655	13.40 U
		Aldrin	17	9/07/93	B09655	.05 U
		Alpha-BHC	17	9/07/93	B09655	.01 U
		Benzene	16	9/07/93	B09655	.65 U
		Beta-BHC	17	9/07/93	B09655	.00 U
		Carbon disulfide	16	9/07/93	B09655	.95 U
		Carbon tetrachloride	16	9/07/93	B09655	.87 U
		Chlordane	17	9/07/93	B09655	.01 U
		Delta-BHC	17	9/07/93	B09655	.00 U
		Dieldrin	17	9/07/93	B09655	.02 U
		Endosulfan I	17	9/07/93	B09655	.00 U
		Endosulfan II	17	9/07/93	B09655	.00 U
		Endosulfan sulfate	17	9/07/93	B09655	.01 BL
		Endrin	17	9/07/93	B09655	.01 U
		Endrin Aldehyde	17	9/07/93	B09655	.01 U
		Ethyl cyanide	16	9/07/93	B09655	4.34 U
		Heptachlor	17	9/07/93	B09655	.00 U
		Heptachlor epoxide	17	9/07/93	B09655	.00 U
		Methoxychlor	17	9/07/93	B09655	.10 U
		Methyl ethyl ketone	16	9/07/93	B09655	4.25 U
		Tetrachloroethene	16	9/07/93	B09655	1.10 U
		Tetrahydrofuran	16	9/07/93	B09655	3.67 U
		Toluene	16	9/07/93	B09655	.73 U
		Toxaphene	17	9/07/93	B09655	.89 U
		Trichloroethene	16	9/07/93	B09655	.63 U
					B09655	.45 U
					B09655	.40 U
					B09655	2.30 L
					B09655	.61 U
					B09655	.61 U
					B09655	.25 U
					B09655	.77 U
		Vinyl chloride	16	9/07/93	B09655	.78 U
		Xylenes (total)	16	9/07/93	B09655	1.70 U
		gamma-BHC (Lindane)	17	9/07/93	B09655	.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
300	399-1-18A	1,2-Dichloroethene	16	9/07/93	B09657	1.20 U
		1-Butanol	16	9/07/93	B09657	13.10 U
		4,4'-DDD	17	9/07/93	B09657	.00 U
		4,4'-DDE	17	9/07/93	B09657	.00 U
		4,4'-DDT	17	9/07/93	B09657	.01 U
		4-Methyl-2-pentanone	16	9/07/93	B09657	.85 U
		Acetone	16	9/07/93	B09657	13.40 U
		Aldrin	17	9/07/93	B09657	.05 U
		Alpha-BHC	17	9/07/93	B09657	.01 U
		Benzene	16	9/07/93	B09657	.65 U
		Beta-BHC	17	9/07/93	B09657	.00 U
		Carbon disulfide	16	9/07/93	B09657	.95 U
		Carbon tetrachloride	16	9/07/93	B09657	.87 U
		Chlordane	17	9/07/93	B09657	.01 U
		Delta-BHC	17	9/07/93	B09657	.00 U
		Dieldrin	17	9/07/93	B09657	.02 U
		Endosulfan I	17	9/07/93	B09657	.00 U
		Endosulfan II	17	9/07/93	B09657	.00 U
		Endosulfan sulfate	17	9/07/93	B09657	.05 BL
		Endrin	17	9/07/93	B09657	.01 U
		Endrin Aldehyde	17	9/07/93	B09657	.01 U
		Ethyl cyanide	16	9/07/93	B09657	4.34 U
		Heptachlor	17	9/07/93	B09657	.00 U
		Heptachlor epoxide	17	9/07/93	B09657	.00 U
		Methoxychlor	17	9/07/93	B09657	.10 U
		Methyl ethyl ketone	16	9/07/93	B09657	4.25 U
		Tetrachloroethene	16	9/07/93	B09657	1.10 U
		Tetrahydrofuran	16	9/07/93	B09657	3.67 U
		Toluene	16	9/07/93	B09657	.73 U
		Toxaphene	17	9/07/93	B09657	.89 U
		Trichloroethene	16	9/07/93	B09657	.63 U
					B09657	.45 U
					B09657	.40 U
					B09657	.64 U
			16	9/07/93	B09657	.61 U
					B09657	.61 U
					B09657	.25 U
					B09657	.77 U
		Vinyl chloride	16	9/07/93	B09657	.78 U
		Xylenes (total)	16	9/07/93	B09657	1.70 U
		gamma-BHC (Lindane)	17	9/07/93	B09657	.00 U
	399-2-1	4,4'-DDD	17	9/16/93	B09663	.00 U
		4,4'-DDE	17	9/16/93	B09663	.00 U
		4,4'-DDT	17	9/16/93	B09663	.01 U
		Aldrin	17	9/16/93	B09663	.05 U
		Alpha-BHC	17	9/16/93	B09663	.01 U
		Aluminum, filtered	34	9/16/93	B09663	32.50 U
					B09664	32.50 U
		Antimony, filtered	34	9/16/93	B09663	69.40 U
					B09664	69.40 U
		Barium, filtered	34	9/16/93	B09663	65.00
					B09664	64.00
		Beryllium, filtered	34	9/16/93	B09663	.81 U
					B09664	.81 U
		Beta-BHC	17	9/16/93	B09663	.00 U
		Cadmium, filtered	34	9/16/93	B09663	4.70 U
					B09664	4.70 U
		Calcium, filtered	34	9/16/93	B09663	37000.00
					B09664	36000.00
		Chlordane	17	9/16/93	B09663	.01 U
		Chromium, filtered	34	9/16/93	B09663	5.42 U
					B09664	5.42 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
300	399-2-1	Cobalt, filtered	34	9/16/93	B09663	4.05 U
					B09664	4.05 U
		Copper, filtered	34	9/16/93	B09663	5.60 L
					B09664	4.50 L
		Delta-BHC	17	9/16/93	B09663	.00 U
		Dieldrin	17	9/16/93	B09663	.02 U
		Endosulfan I	17	9/16/93	B09663	.00 U
		Endosulfan II	17	9/16/93	B09663	.00 U
		Endosulfan sulfate	17	9/16/93	B09663	.01 U
		Endrin	17	9/16/93	B09663	.01 U
		Endrin Aldehyde	17	9/16/93	B09663	.01 U
		Heptachlor	17	9/16/93	B09663	.00 U
		Heptachlor epoxide	17	9/16/93	B09663	.00 U
		Iron, filtered	34	9/16/93	B09663	210.00
					B09664	74.00
		Magnesium, filtered	34	9/16/93	B09663	7000.00
					B09664	6900.00
		Manganese, filtered	34	9/16/93	B09663	2.80 L
					B09664	1.35 U
		Methoxychlor	17	9/16/93	B09663	.10 U
		Nickel, filtered	34	9/16/93	B09663	17.90 U
					B09664	17.90 U
		Potassium, filtered	34	9/16/93	B09663	3100.00
					B09664	3300.00
		Silver, filtered	34	9/16/93	B09663	2.87 U
					B09664	2.87 U
		Sodium, filtered	34	9/16/93	B09663	19000.00
					B09664	19000.00
		Tin, filtered	34	9/16/93	B09663	51.10 U
					B09664	51.10 U
		Toxaphene	17	9/16/93	B09663	.89 U
		Vanadium, filtered	34	9/16/93	B09663	3.84 U
					B09664	3.84 U
		Zinc, filtered	34	9/16/93	B09663	25.00
					B09664	22.00
		gamma-BHC (Lindane)	17	9/16/93	B09663	.00 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
NRDW	699-25-33A	Benzene	25	3/17/93	B089K2	.11 UH
		Carbon tetrachloride	25	3/17/93	B089K2	.12 UH
		Ethylbenzene	25	3/17/93	B089K2	.05 UH
		Tetrachloroethene	25	3/17/93	B089K2	.05 UH
		Toluene	25	3/17/93	B089K2	.06 UH
		Trichloroethene	25	3/17/93	B089K2	.11 UH
					B089K2	.14 UH
					B089K2	.15 UH
					B089K2	.04 UH
					B089K2	.07 UH
					B089K2	.06 UH
					B089K2	.34 UH
					B089K2	.04 UH
					B089K2	.07 UH
		Vinyl chloride	25	3/17/93	B089K2	.27 UH
		Xylenes (total)	25	3/17/93	B089K2	.20 UH
		cis-1,2-Dichloroethylene	25	3/17/93	B089K2	.13 UH
	699-25-34A	Aluminum, filtered	34	9/16/93	B096G8	32.50 U
					B096G9	32.50 U
		Antimony, filtered	34	9/16/93	B096G8	69.40 U
					B096G9	69.40 U
		Barium, filtered	34	9/16/93	B096G8	49.00
					B096G9	49.00
		Benzene	25	3/17/93	B089F2	.11 U
		Beryllium, filtered	34	9/16/93	B096G8	.81 U
					B096G9	.81 U
		Cadmium, filtered	34	9/16/93	B096G8	4.70 U
					B096G9	4.70 U
		Calcium, filtered	34	9/16/93	B096G8	57000.00
					B096G9	57000.00
		Carbon tetrachloride	25	3/17/93	B089F2	.12 U
		Chromium, filtered	34	9/16/93	B096G8	13.00 LQ
					B096G9	25.00 Q
		Cobalt, filtered	34	9/16/93	B096G8	4.05 U
					B096G9	4.05 U
		Copper, filtered	34	9/16/93	B096G8	2.65 U
					B096G9	2.65 U
		Ethylbenzene	25	3/17/93	B089F2	.05 U
		Iron, filtered	34	9/16/93	B096G8	25.00 Q
					B096G9	66.00 Q
		Magnesium, filtered	34	9/16/93	B096G8	14000.00
					B096G9	14000.00
		Manganese, filtered	34	9/16/93	B096G8	1.35 U
					B096G9	1.35 U
		Nickel, filtered	34	9/16/93	B096G8	17.90 U
					B096G9	17.90 U
		Potassium, filtered	34	9/16/93	B096G8	6800.00
					B096G9	7100.00
		Silver, filtered	34	9/16/93	B096G8	2.87 U
					B096G9	2.87 U
		Sodium, filtered	34	9/16/93	B096G8	24000.00
					B096G9	24000.00
		Tetrachloroethene	25	3/17/93	B089F2	.76
		Tin, filtered	34	9/16/93	B096G8	51.10 U
					B096G9	51.10 U
		Toluene	25	3/17/93	B089F2	.06 U
		Trichloroethene	25	3/17/93	B089F2	.11 U
					B089F2	.14 U
					B089F2	.15 U
					B089F2	.04 U
					B089F2	1.60
					B089F2	.06 U
					B089F2	.34 U
					B089F2	.04 U
					B089F2	.07 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
NRDW	699-25-34A	Vanadium, filtered	34	9/16/93	B096G8	23.00 LQ
					B096G9	15.00 LQ
		Vinyl chloride	25	3/17/93	B089F2	.27 U
		Xylenes (total)	25	3/17/93	B089F2	.20 U
		Zinc, filtered	34	9/16/93	B096G8	10.00 Q
					B096G9	15.00 Q
		cis-1,2-Dichloroethylene	25	3/17/93	B089F2	.13 U
	699-25-34D	2,4,5-T	49	6/14/93	B08MJ0	.38 U
					B08MJ1	.38 U
		2,4,5-TP	49	6/14/93	B08MJ0	.41 U
					B08MJ1	.41 U
		2,4-D	49	6/14/93	B08MJ0	.19 U
					B08MJ1	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/14/93	B08MJ0	.27 U
					B08MJ1	.27 U
		Benzene	25	3/18/93	B089F7	.11 U
		Carbon tetrachloride	25	3/18/93	B089F7	.12 U
		Ethylbenzene	25	3/18/93	B089F7	.05 U
		Tetrachloroethene	25	3/18/93	B089F7	.05 U
		Toluene	25	3/18/93	B089F7	.06 U
		Trichloroethene	25	3/18/93	B089F7	.11 U
					B089F7	.14 U
					B089F7	.15 U
					B089F7	.04 U
					B089F7	1.10
					B089F7	.06 U
					B089F7	.34 U
					B089F7	.04 U
					B089F7	.07 U
		Vinyl chloride	25	3/18/93	B089F7	.27 U
		Xylenes (total)	25	3/18/93	B089F7	.20 U
		cis-1,2-Dichloroethylene	25	3/18/93	B089F7	.13 U
	699-26-33	Benzene	25	3/17/93	B089G2	.11 U
		Carbon tetrachloride	25	3/17/93	B089G2	.12 U
		Ethylbenzene	25	3/17/93	B089G2	.05 U
		Tetrachloroethene	25	3/17/93	B089G2	.05 U
		Toluene	25	3/17/93	B089G2	.06 U
		Trichloroethene	25	3/17/93	B089G2	.11 U
					B089G2	.14 U
					B089G2	.15 U
					B089G2	.04 U
					B089G2	.81
					B089G2	.06 U
					B089G2	.34 U
					B089G2	.04 U
					B089G2	.07 U
		Vinyl chloride	25	3/17/93	B089G2	.27 U
		Xylenes (total)	25	3/17/93	B089G2	.20 U
		cis-1,2-Dichloroethylene	25	3/17/93	B089G2	.13 U
	699-26-34A	Benzene	25	3/17/93	B089G7	.11 U
		Carbon tetrachloride	25	3/17/93	B089G7	.12 U
		Ethylbenzene	25	3/17/93	B089G7	.05 U
		Tetrachloroethene	25	3/17/93	B089G7	.05 U
		Toluene	25	3/17/93	B089G7	.06 U
		Trichloroethene	25	3/17/93	B089G7	.11 U
					B089G7	.14 U
					B089G7	.15 U
					B089G7	.04 U
					B089G7	.07 U
					B089G7	.06 U
					B089G7	.34 U
					B089G7	.04 U
					B089G7	.07 U
		Vinyl chloride	25	3/17/93	B089G7	.27 U
		Xylenes (total)	25	3/17/93	B089G7	.20 U
		cis-1,2-Dichloroethylene	25	3/17/93	B089G7	.13 U

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Project	Well	Constituent Name	Method	Sample Date	Sample Number	Result
NRDW	699-26-34B	2,4,5-T	49	6/14/93	B08MK0	.38 U
		2,4,5-TP	49	6/14/93	B08MK0	.41 U
		2,4-D	49	6/14/93	B08MK0	.19 U
		2-sec-Butyl-4,6-dinitrophenol(DNBP)	49	6/14/93	B08MK0	.27 U
		Benzene	25	3/18/93	B089H2	.11 U
		Carbon tetrachloride	25	3/18/93	B089H2	.12 U
		Ethylbenzene	25	3/18/93	B089H2	.05 U
		Tetrachloroethene	25	3/18/93	B089H2	.05 U
		Toluene	25	3/18/93	B089H2	.06 U
		Trichloroethene	25	3/18/93	B089H2	.11 U
					B089H2	.14 U
					B089H2	.15 U
					B089H2	.04 U
					B089H2	.07 U
					B089H2	.06 U
					B089H2	.34 U
					B089H2	.04 U
					B089H2	.07 U
		Vinyl chloride	25	3/18/93	B089H2	.27 U
		Xylenes (total)	25	3/18/93	B089H2	.20 U
		cis-1,2-Dichloroethylene	25	3/18/93	B089H2	.13 U
	699-26-35C	Benzene	25	3/17/93	B089J2	.11 UH
					B089J3	.11 UH
		Carbon tetrachloride	25	3/17/93	B089J2	.12 UH
					B089J3	.12 UH
		Ethylbenzene	25	3/17/93	B089J2	.05 UH
					B089J3	.05 UH
		Tetrachloroethene	25	3/17/93	B089J2	.05 UH
					B089J3	.05 UH
		Toluene	25	3/17/93	B089J2	.06 UH
					B089J3	.06 UH
		Trichloroethene	25	3/17/93	B089J2	.11 UH
					B089J2	.14 UH
					B089J2	.15 UH
					B089J2	.04 UH
					B089J2	.07 UH
					B089J2	.06 UH
					B089J2	.34 UH
					B089J2	.04 UH
					B089J2	.07 UH
					B089J3	.11 UH
					B089J3	.14 UH
					B089J3	.15 UH
					B089J3	.04 UH
					B089J3	.07 UH
					B089J3	.06 UH
					B089J3	.34 UH
					B089J3	.04 UH
					B089J3	.07 UH
		Vinyl chloride	25	3/17/93	B089J2	.27 UH
					B089J3	.27 UH
		Xylenes (total)	25	3/17/93	B089J2	.20 UH
					B089J3	.20 UH
		cis-1,2-Dichloroethylene	25	3/17/93	B089J2	.13 UH
					B089J3	.13 UH

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