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CRANE
Surface Warfare Center Division

ANNUAL GROUNDWATER MONITORING REPORT FOR AMMUNITION BURNING GROUNDS, OLD RIFLE RANGE, and DEMO RANGE

CY2000

NAVAL SURFACE WARFARE CENTER, CRANE DIVISION
CRANE, INDIANA

Report date: December 16, 2002

Prepared By:
SAIC
R.R. 6 Box 28
Bloomfield, IN 47424
(812) 384-3587

DEPARTMENT OF THE NAVY
CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
300 HIGHWAY 361
CRANE INDIANA 47522-5001

IN REPLY REFER TO:

5090/H1.4.5
Ser 095/2389

18 DEC 2002

U.S. Environmental Protection Agency, Region V
Waste, Pesticides, & Toxics Division
Waste Management Branch
Illinois, Indiana, and Michigan Section
ATTN: Mr. Peter Ramanauskas (DW-8J)
77 West Jackson Blvd.
Chicago, IL 60604

Dear Mr. Ramanauskas:

Crane Division, Naval Surface Warfare Center (NSWC Crane) submits the Final Annual Ground Water Monitoring Report for 2000 along with responses to comments by the U. S. EPA. Three copies of the report are provided as enclosure (1). NSWC Crane looks forward to discussing the results and conclusions with you. The permit required Certification Statement is provided as enclosure (2).

NSWC Crane point of contact is Mr. Thomas J. Brent, Code 09510, telephone 812-854-6160.

Sincerely,

James M. Hunsicker

JAMES M. HUNSICKER
Director, Environmental
Protection Department
By direction of the Commander

Encl:
(1) Final Annual Ground Water Monitoring Report for 2000
(2) Certification Statement

Copy to:
SOUTHNAVFACENGCOM (Code ES32) (w/o encl)
IDEM (Doug Griffin)
SAIC(Kim Hughes) (w/o encl)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

James M. Hunsinger

SIGNATURE

Environmental Protection Department Manager — 12/11/02

TITLE — DATE

The following is excerpted from an email from Pete Ramanauskas, dated Thursday, 1/9/2003:

Hi all,

Thanks for the responses. I do have a question. The Annual Report and Table 5 in the Natural Attenuation feasibility study show that RDX exceeds the RBTL at the Creek B location. This location is the Little Sulphur Creek at Crane Boundary. What are Crane's plans to deal with this?

From the GWMP Section 7.4 - Natural Attenuation Monitoring: "If contaminants are present in ground water or surface water near the installation boundary above risk based levels, NSWC Crane will submit a permit modification request to address additional remediation of groundwater and/or surface water."

In my brief look at the feasability (*sic*) study of MNA, it seems that the Natural Attenuation demonstration shows that under controlled lab conditions, certain plants and microbes may remove the COCs from soils, but how will this be applied to address flowing surface water contaminated w/RDX? If you're consistently seeing RDX over RBTLs at boundary, I think some more immediate controls should be implemented.

Thanks,
Pete

RDX Results for Creek B				
EVENT	QTR-YR	DATE	RESULTS (µg/l)	EST. Q (GPM)
1	1-99	11/05/98	20	40
2	2-99	02/28/99	0.97	500
3	3-99	05/20/99	3.1	550
4	4-99	09/13/99	3.8	20
5	1-00	12/28/99	19	10
6	2-00	03/08/00	7.2J	100
7	3-00	06/09/00	11	20
8	4-00	09/20/00	11	50
9	1-01	12/12/00	1.5	300
SW RFI LF	NA	06/10/01	7.7J	200
SW RFI HF	NA	09/09/01	10	250

RDX Results for Spring A				
EVENT	QTR-YR	DATE	RESULTS (µg/l)	EST. Q (GPM)
1	1-99	11/05/98	63	40
2	2-99	02/28/99	1.5	150
3	3-99	05/20/99	6.3	250
4	4-99	09/13/99	120	4
5	1-00	01/11/00	33	25
6	2-00	03/29/00	8.0	50
7	3-00	06/26/00	11	50
8	4-00	09/29/00	9.2	NR
9	1-01	12/18/00	1.9	150

SW RFI = Draft ABG Old Jeep Trail/Little Sulphur Creek RFI Report, November 2002
LF = Low flow
HF = High flow
NR = Not reported

Dates in red for Spring A indicate samples not taken on the same day as the Creek samples. However, they are shown in order to demonstrate that no short-term trend is discernable.

Gates, Bill (Efdsouth)

From: Ramanauskas.Peter@epamail.epa.gov
Sent: Thursday, January 09, 2003 5:15 PM
To: Brent Thomas J CNIN
Cc: Gates, Bill (Efdsouth); Hughes Kim CONT CNIN
Subject: RE: ABG, ORR, DR CY2000 Report Comments

COMMENTS ON THE ANNUAL GROUNDW...

Hi all,

Thanks for the responses. I do have a question. The Annual Report and Table 5 in the Natural Attenuation feasibility study show that RDX exceeds the RBTL at the Creek B location. This location is the Little Sulphur Creek at Crane Boundary. What are Crane's plans to deal with this?

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Thanks,
Pete

Brent Thomas J
CNIN
<brent_t@crane.navy.mil>
01/02/03 12:22 PM

To: Peter Ramanauskas/R5/USEPA/US@EPA
cc: Hughes Kim CONT CNIN <kim.hughes@saic.com>, "Bill Gates (E-mail)" <GatesWH@EFDSOUTH.NAVFAC.NAVY.mil>
cc: Hughes Kim CONT CNIN <kim.hughes@saic.com>, "Bill Gates (E-mail)" <GatesWH@EFDSOUTH.NAVFAC.NAVY.mil>
bcc:
Fax to:
Subject: RE: ABG, ORR, DR CY2000 Report Comments

ete,

Attached are the responses to your comments as prepared by SAIC. Please review and let me know if you are agreeable to the responses.

Thanks,
Tom

<<COMMENTS ON THE ANNUAL GROUNDWATER MONITORING REPORT FOR CY2000 ABG.doc>>

-----Original Message-----
From: Ramanauskas.Peter@epamail.epa.gov [mailto:Ramanauskas.Peter@epamail.epa.gov]
Sent: Thursday, December 26, 2002 12:06
To: Brent Thomas J CNIN
Cc: gateswh@efdsouth.navfac.navy.mil
Subject: ABG, ORR, DR CY2000 Report Comments

Hi Tom,

What is the status with SAIC's response to my August 9th, 2002 comments on the CY2000 GW monitoring report? Have you got those in-house? If so, could you email them to me?

Thanks!
Pete
(See attached file: COMMENTS ON THE ANNUAL GROUNDWATER MONITORING REPORT FOR CY2000 ABG.doc)

COMMENTS ON THE ANNUAL GROUNDWATER MONITORING REPORT FOR
CY2000 ABG, ORR, DR DATED MAY 8, 2002
NAVAL SURFACE WARFARE CENTER
CRANE, INDIANA

Comment 1:

There is no summary or discussion of DR sampling. Existing figures for DR do not show all wells noted in the analytical results tables. There are no DR figures showing RBTL exceedences as was done for ABG/ORR. Note also requirements of Section 1.3.1 in the Ground Water Monitoring Plan (GWMP). The DR is most important for evaluation under this Subpart F monitoring since corrective action has been deferred to closure and this unit has no corrective action planning occurring.

Since there were only two quarters of data for the Demo Range, as per our instructions, we only focused on the ABG and ORR samples, leaving the DR results for the 2001 report.

Comment 2:

Are the constituents marked with an 'X' on pg 5 table in the Statistical Discussion section confirmed as statistically significant increases vs. background wells? **No, this table shows those parameters that have enough detections to perform a statistical analysis.** If so, this table should be appropriately titled. The current heading on the page refers to statistical evaluation procedures on the list of constituents as determined by the State of Indiana. Again, statistical procedures are supposed to be done according to the Groundwater Monitoring Plan for the ABG, ORR, and DR as prepared for the USEPA Subpart X permit. All constituents listed in this GWMP are to be statistically evaluated as per 40 CFR 264 Subpart F requirements. **This has been changed to include all parameters listed in the GWMP.** There should be a discussion, in Section 8.0 perhaps, of constituents shown to have statistically significant differences and if they have also exceeded RBTLs. It would be helpful to add a column to the figures with the data boxes (e.g. figure 8.1.1.) identifying if there is a statistically significant increase for the chemicals over RBTLs. **We have added a table in both parts of section 8 showing RBTL exceedences by quarter.**

Comment 3:

For ABG, where is well 03C03? It is not shown on any figures but noted to have statistically significant concentrations in table 7.27.

We make a contour map of the Beech Creek water levels and well 03C03 bottoms in the Beaver Bend limestone.

Comment 4:

The charts in Section 7.0 should be appropriately labeled (i.e. units) and the trend analysis charts should at least note the background well contaminant levels, as stated in the GWMP, for the chemical plotted if it cannot be well represented on the figure.

Units, and a line showing the mean value of the upgradient well have been added to each trend analysis graph.

Comment 5:

The conclusions section is simply a summary of constituents detected. There is no discussion of these data in terms of Subpart F sampling/statistical analysis requirements to determine if changes to groundwater monitoring schemes or corrective actions are warranted based on the data. This section makes no statements about the extent of groundwater contamination and if it remains within the monitoring zones outlined in the GWMP. The GWMP requires that should any constituent be detected above the appropriate level and shown to be statistically significant, a reevaluation of monitoring or corrective action may be required.

Results from wells at the ABG show that RDX is migrating offsite from the ABG operational area. A TCE plume appears to be moving through the site because two wells in the central part of the facility consistently exhibited the highest concentrations at the site. This is discussed more completely in section 8 of the report.

Comment 6:

The last page of text in Section 8.0 states that the statistical significance of barium was not determined for ORR studies. Why not? This section is titled "groundwater migration" and yet very little is said about migration of the detected contaminants.

Barium was not on the statistical evaluation procedures list of constituents as determined by the state of Indiana that was used in the previous version of this report. Barium has been studied in this updated version.

Groundwater migration has been addressed in section 8.

Comment 7:

Regarding the elevated barium levels detected in all wells at ABG, was there a current or historical use of barium at ABG that could have contributed to the presence of barium in soil and groundwater? What were historical soil concentrations?

Barium sulfate, an inert filler for projectiles and flares, was used at the ABG and could have contributed to the consistent, elevated presence of barium throughout the ABG. The surface RBTL for barium used in the Basewide Background Soils Investigation (2001) was 1.04 mg/kg. All soil samples in this study exceeded surface RBTL for barium. This is discussed more fully in section 8 of the report.

ANNUAL GROUNDWATER MONITORING REPORT FOR AMMUNITION BURNING GROUNDS, OLD RIFLE RANGE, and DEMO RANGE

CY2000

NAVAL SURFACE WARFARE CENTER, CRANE DIVISION
CRANE, INDIANA

Report date: December 16, 2002

Prepared By:
SAIC
R.R. 6 Box 28
Bloomfield, IN 47424
(812) 384-3587

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1.0

INTRODUCTION

1. Introduction

This annual report has been prepared in compliance with the final Groundwater Monitoring Plan for the Ammunition Burning Grounds (ABG), Old Rifle Range (ORR), and the Demolition Range (DR). The purpose is to summarize all RCRA monitoring events for calendar year 2000 at the three Solid Waste Management Units (SWMUs) at NSWC Crane, Crane, Indiana.

The ABG and the ORR are sampled quarterly, while the DR is sampled semi-annually during the first and third quarters. Statistical analyses and groundwater quality analyses have been completed on the four quarters of information pertaining to the ABG and ORR.

The following is a summary of the well locations for each site and the total number of samples taken at that site for CY2000. The total number of wells does not match the number of samples taken since the number of samples includes field duplicates, in accordance with the Field Sampling Plan for RCRA Ground Water Monitoring at the Ammunition Burning Grounds, Old Rifle Range, Demolition Range, and Old Jeep Trail.

Quarter	Site	Number of Wells Sampled	Total 2000 Sampling
First Quarter	ABG	22	26
First Quarter	DR	11	13
First Quarter	ORR	14	16
Second Quarter	ABG	22	26
Second Quarter	ORR	14	17
Third Quarter	ABG	22	26
Third Quarter	DR	11	14
Third Quarter	ORR	14	17
Fourth Quarter	ABG	22	26
Fourth Quarter	ORR	14	17
Total ABG		88	104
Total DR		22	27
Total ORR		56	67
Total CY2000 Samples Collected			198

Each section of the report contains specific information pertaining to each RCRA sampling event. Each section will have a short introduction that will summarize the information contained within.

2.0
GROUNDWATER ELEVATIONS

2.0 Ground Water Elevations

Ground water elevations are measured in accordance with the Field Sampling Plan for RCRA Groundwater Monitoring at the Ammunition Burning Grounds, Old Rifle Range, Demolition Range, and the Old Jeep Trail. All measurements are collected at the beginning of each sampling cycle for each quarter sampled. The elevations are then used to produce a contour map of water elevations for each sampling area.

It is evident that the water levels are extremely stable throughout each sampling area, although it can be seen that there are some minor seasonal variations at each site.

The elevation information is divided by sampling area and quarter sampled.

Table 2.1.1

ABG 1st Quarter, 00			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
03C02P2	582.9	37.39	545.51
03C04	624.26	76.1	548.16
03C07	636.32	78.88	557.44
03C08P2	629.15	74.78	554.37
03C09P2	603.38	45.32	558.06
03C10	607.92	50.05	557.87
03C11	592.26	44.34	547.92
03C12	587.13	41.85	545.28
03C15	621.1	64.52	556.58
03C17	696.01	137.98	558.03
03C20	646.55	89.48	557.07
03C25	596.68	47.8	548.88
03C26	640.62	82.62	558
03C27	603.75	60.65	543.1
03C30	778.72	223.15	555.57

Table 2.1.2

ABG 2nd Quarter, 00			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
03C02P2	582.9	37.48	545.42
03C04	624.26	76.06	548.2
03C07	636.32	78.72	557.6
03C08P2	629.15	74.82	554.33
03C09P2	603.38	45.15	558.23
03C10	607.92	49.85	558.07
03C11	592.26	44.32	547.94
03C12	587.13	41.85	545.28
03C15	621.1	64.26	556.84
03C17	696.01	137.8	558.21
03C20	646.55	89.26	557.29
03C25	596.68	46.86	549.82
03C26	640.62	82.45	558.17
03C27	603.75	60.8	542.95
03C30	778.72	224.46	554.26

Table 2.1.3

ABG 3rd Quarter, 00			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
03C02P2	582.9	37.63	545.27
03C04	624.26	76.15	548.11
03C07	636.32	79.02	557.3
03C08P2	629.15	75.07	554.08
03C09P2	603.38	47.5	555.88
03C10	607.92	50.35	557.57
03C11	592.26	44.29	547.97
03C12	587.13	41.85	545.28
03C15	621.1	65.9	555.2
03C17	696.01	138.36	557.65
03C20	646.55	89.93	556.62
03C25	596.68	47.11	549.57
03C26	640.62	82.89	557.73
03C27	603.75	60.88	542.87
03C30	778.72	223.6	555.12

Table 2.1.4

ABG 4th Quarter, 00			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
03C02P2	582.9	37.44	545.46
03C04	624.26	76.1	548.16
03C07	636.32	79.86	556.46
03C08P2	629.15	74.82	554.33
03C09P2	603.38	45.44	557.94
03C10	607.92	50.1	557.82
03C11	592.26	44.16	548.1
03C12	587.13	41.87	545.26
03C15	621.1	65.69	555.41
03C17	696.01	138.18	557.83
03C20	646.55	89.55	557
03C25	596.68	46.89	549.79
03C26	640.62	82.71	557.91
03C27	603.75	60.74	543.01
03C30	778.72	223.38	555.34

Table 2.2.1

ORR 1st Quarter 00			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C08	708.5	211.71	496.79
06C11	501.65	6.79	494.86
06C11P2	501.69	6.7	494.99
06C12	522.02	25.45	496.57
06C13	506.97	11.63	495.34
06C13P2	506.75	11.33	495.42
06C14	509.77	14.38	495.39
06C14P2	509.73	13.39	496.34
06C15	513.19	17.85	495.34
06C16	532.26	36.9	495.36
06C18	507.08	11.78	495.3
06C18P2	507.09	11.8	495.29
06C19	504.12	8.98	495.14
06C19P2	503.87	8.96	494.91

Table 2.2.2

ORR 2nd Quarter 00			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C08	708.5	209.49	499.01
06C11	501.65	4.6	497.05
06C11P2	501.69	4.55	497.14
06C12	522.02	22.92	499.1
06C13	506.97	9.42	497.55
06C13P2	506.75	9.2	497.55
06C14	509.77	12.22	497.55
06C14P2	509.73	11.23	498.5
06C15	513.19	15.69	497.5
06C16	532.26	34.74	497.52
06C18	507.08	9.62	497.46
06C18P2	507.09	9.66	497.43
06C19	504.12	6.9	497.22
06C19P2	503.87	6.77	497.1

Table 2.2.3

ORR 3rd Quarter 00			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C08	708.5	209.27	499.23
06C11	501.65	4.62	497.03
06C11P2	501.69	4.59	497.1
06C12	522.02	22.79	499.23
06C13	506.97	9.53	497.44
06C13P2	506.75	9.26	497.49
06C14	509.77	12.28	497.49
06C14P2	509.73	11.12	498.61
06C15	513.19	15.75	497.44
06C16	532.26	34.8	497.46
06C18	507.08	9.7	497.38
06C18P2	507.09	9.8	497.29
06C19	504.12	7	497.12
06C19P2	503.87	6.97	496.9

Table 2.2.4

ORR 4th Quarter 00			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C08	708.5	209.39	499.11
06C11	501.65	5.01	496.64
06C11P2	501.69	4.98	496.71
06C12	522.02	23.55	498.47
06C13	506.97	10.03	496.94
06C13P2	506.75	9.75	497
06C14	509.77	12.78	496.99
06C14P2	509.73	11.61	498.12
06C15	513.19	16.24	496.95
06C16	532.26	35.28	496.98
06C18	507.08	10.18	496.9
06C18P2	507.09	10.24	496.85
06C19	504.12	7.42	496.7
06C19P2	503.87	7.38	496.49

Table 2.3.1

DR 1st Quarter, 00			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C02	512.89	18.72	494.17
06C03	506.71	15.59	491.12
06C03P2	506.84	2.55	504.29
06C04	519.51	30.87	488.64
06C04P2	519.54	21.33	498.21
06C05	506.23	19.95	486.28
06C06	511.45	22.1	489.35
06C06P2	511.38	9.14	502.24
06C07	512.53	21.3	491.23
06C08	708.5	212.05	496.45
06C08P2	708.43	71.8	636.63

Table 2.3.2

DR 3rd Quarter, 00			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C02	512.89	17	495.89
06C03	506.71	14.23	492.48
06C03P2	506.84	2.47	504.37
06C04	519.51	28.82	490.69
06C04P2	519.54	20.95	498.59
06C05	506.23	17.46	488.77
06C06	511.45	20.38	491.07
06C06P2	511.38	8.73	502.65
06C07	512.53	20.31	492.22
06C08	708.5	209.27	499.23
06C08P2	708.43	68.15	640.28

3.0

GROUNDWATER ELEVATION CONTOUR MAPS

3.0 Groundwater Elevation Contour Maps

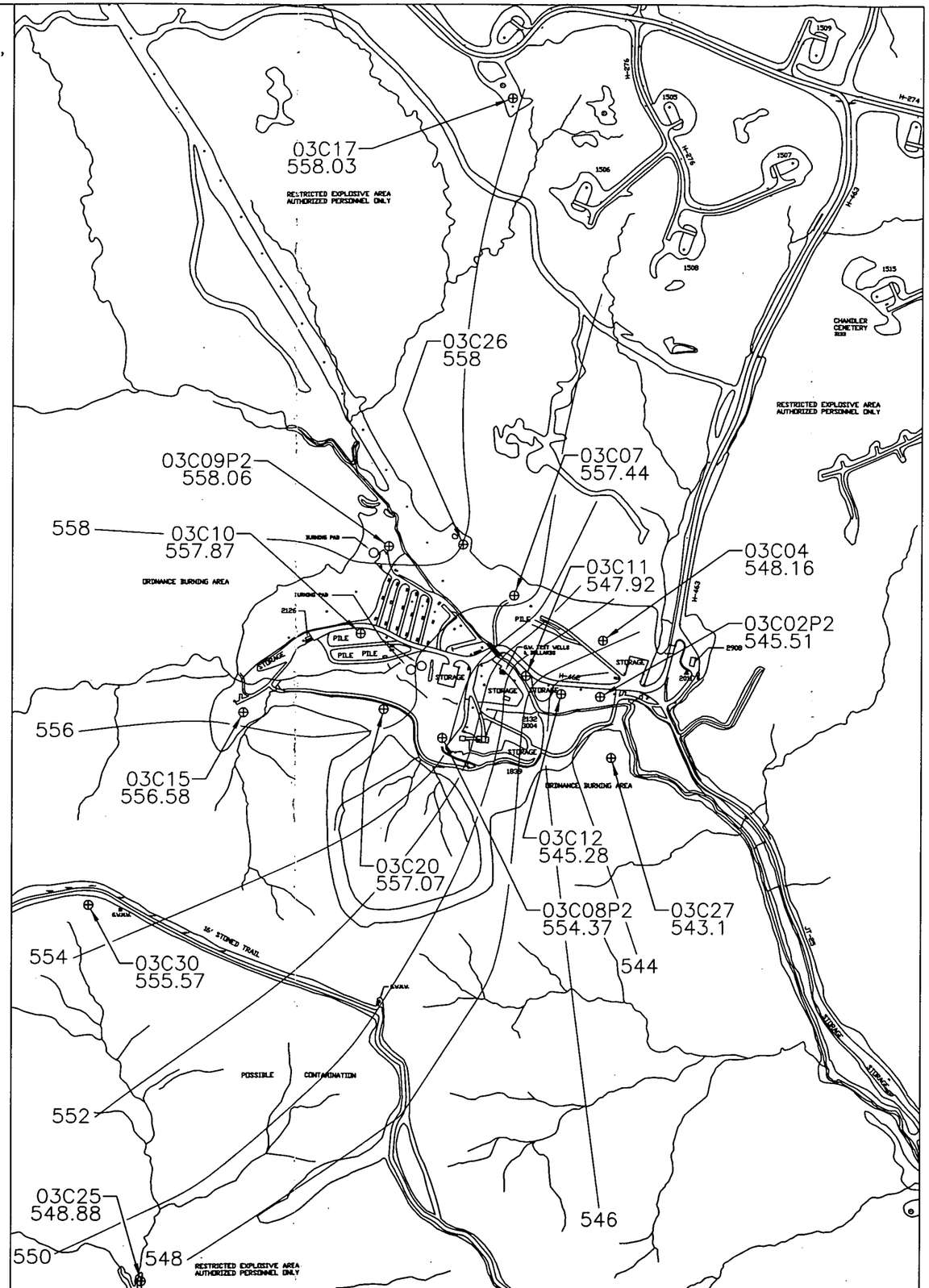
The static water levels that are measured at the beginning of each sampling cycle, in accordance with the Field Sampling Plan for RCRA Groundwater Monitoring at the Ammunition Burning grounds, Old Rifle Range, Demolition Range, and Old Jeep Trail, are used to find the current groundwater elevations. These elevations are used to produce a map that is hand contoured showing the equal lines of water elevation. By looking at the contour map, the flow direction, which is at right angles to the contour lines, can be determined.

FIGURE 3.1.1
AMUNITION BURNING GROUNDS,
1ST QUARTER, 2000
AQUIFER: BEECH CREEK
WATER LEVEL MEASUREMENTS

N

NOT TO SCALE

APPROXIMATE CONTOUR
LOCATION INTERVAL: 2'



LEGEND

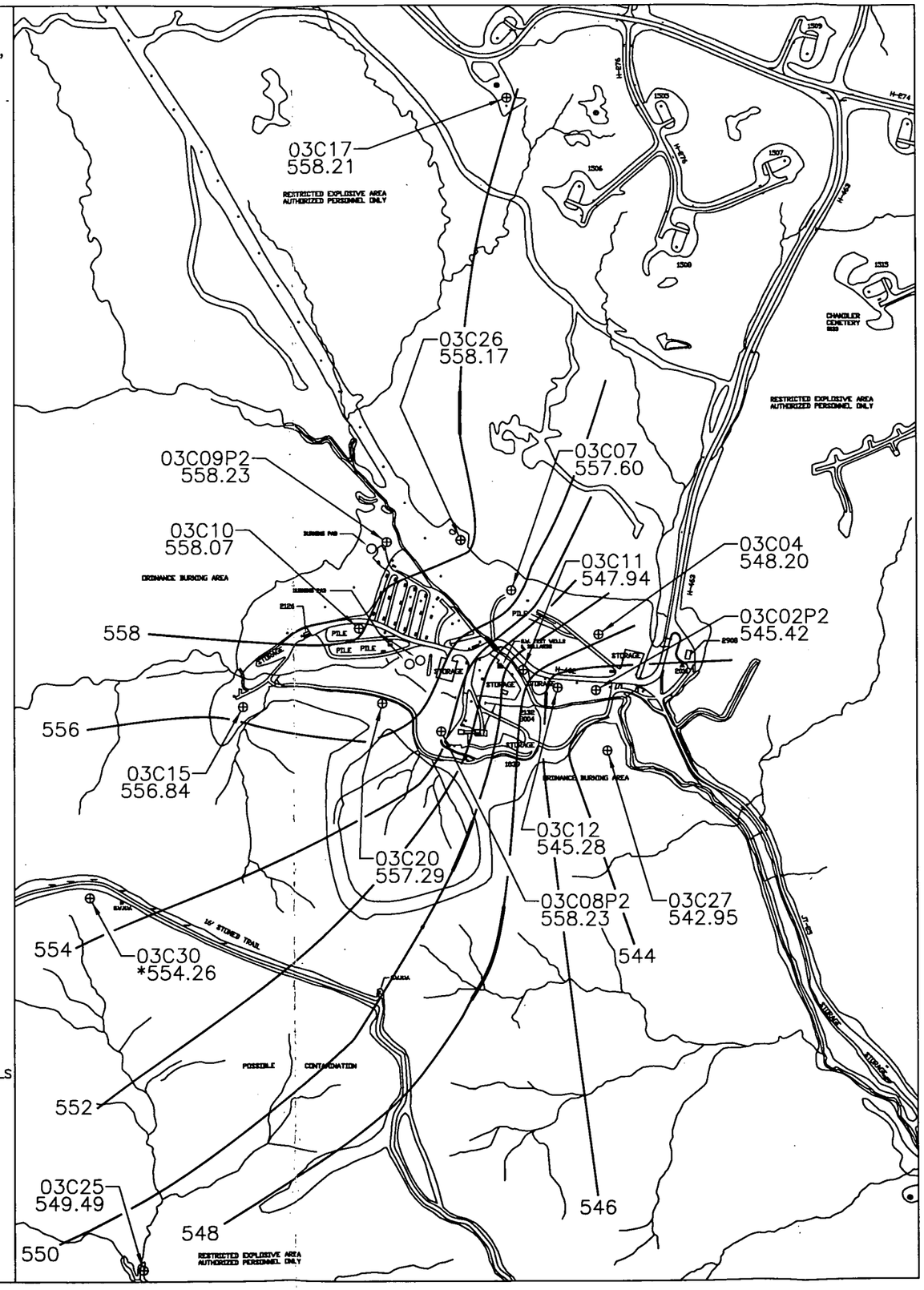
⊕ ELEVATION WELL

FEBRUARY 9, 2001

FIGURE 3.1.2
AMUNITION BURNING GROUNDS,
2ND QUARTER, 2000
AQUIFER: BEECH CREEK
WATER LEVEL MEASUREMENTS

NOT TO SCALE

APPROXIMATE CONTOUR
INTERVAL: 2'



LEGEND

⊕ ELEVATION WELL

* TAKEN AFTER SYNOPTIC WATER LEVELS WERE MEASURED. NOT USED TO DRAW CONTOURS.

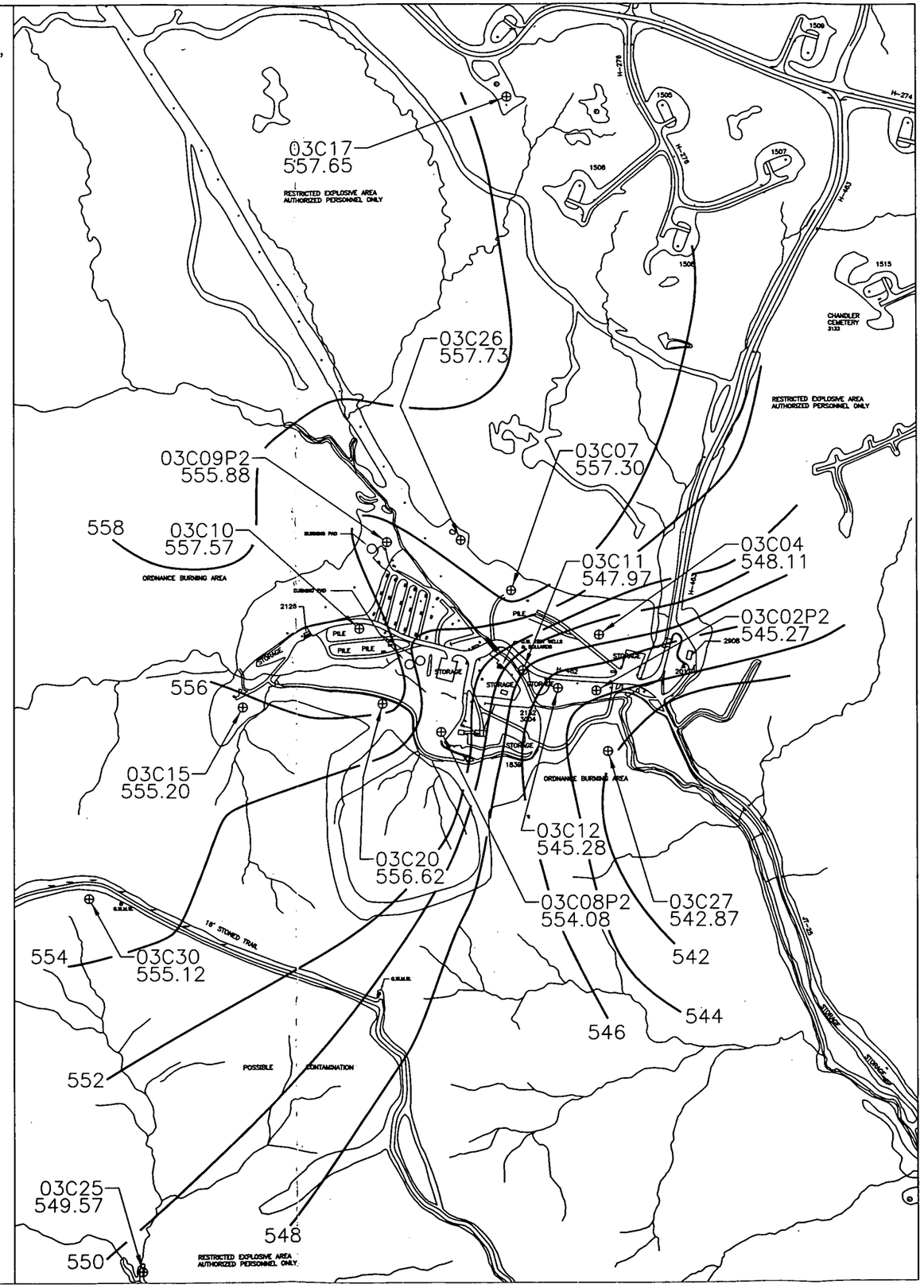
MARCH 12, 2001

FIGURE 3.1.3
AMUNITION BURNING GROUNDS,
3RD QUARTER, 2000
AQUIFER: BEECH CREEK
WATER LEVEL MEASUREMENTS

N

NOT TO SCALE

APPROXIMATE CONTOUR
INTERVAL: 2'



LEGEND

⊕ ELEVATION WELL

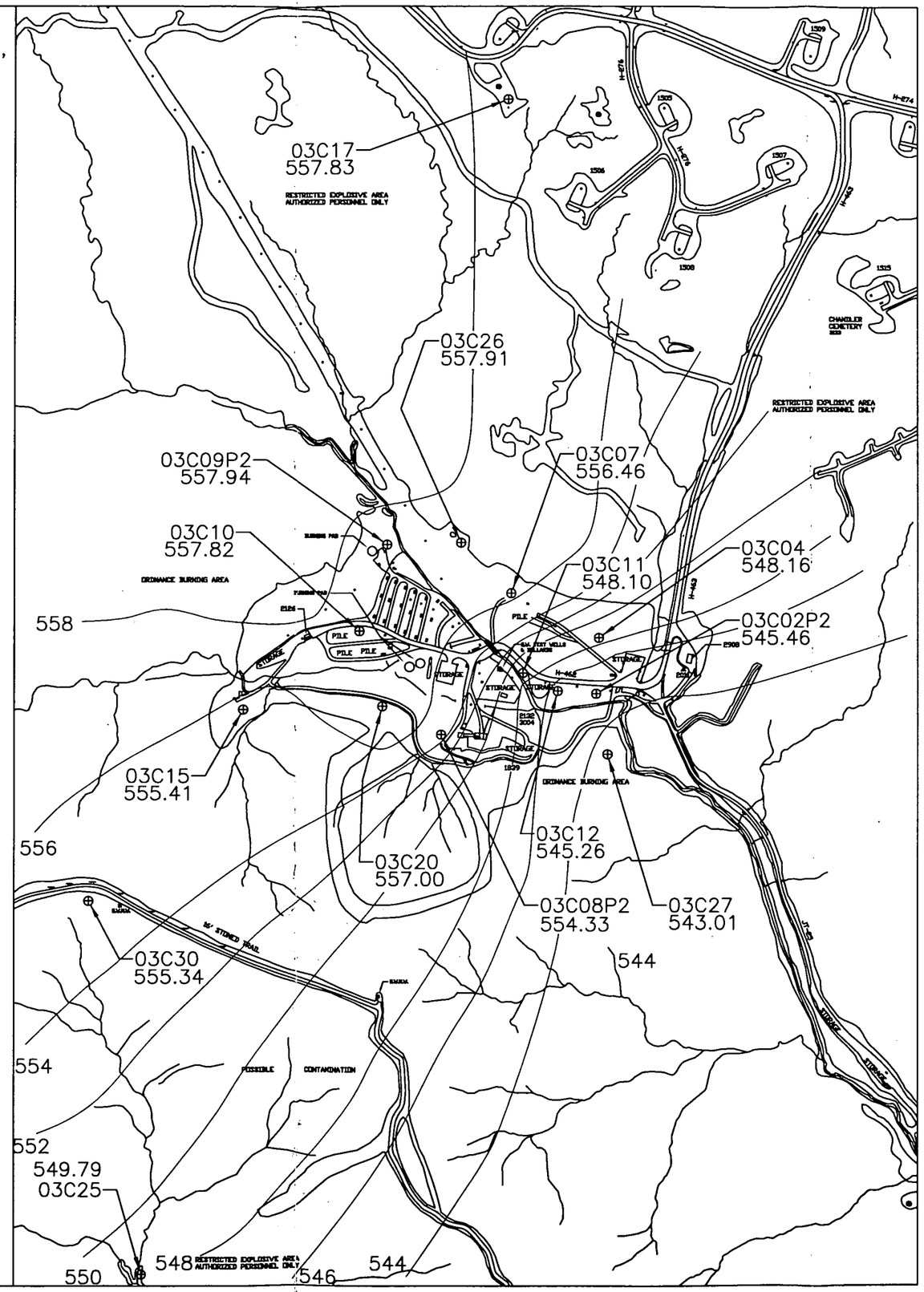
MAY 21, 2001

FIGURE 3.1.4
AMUNITION BURNING GROUNDS,
4TH QUARTER, 2000
AQUIFER: BEECH CREEK
WATER LEVEL MEASUREMENTS

N

NOT TO SCALE

APPROXIMATE CONTOUR
LOCATION INTERVAL: 2'



LEGEND

⊕ ELEVATION WELL

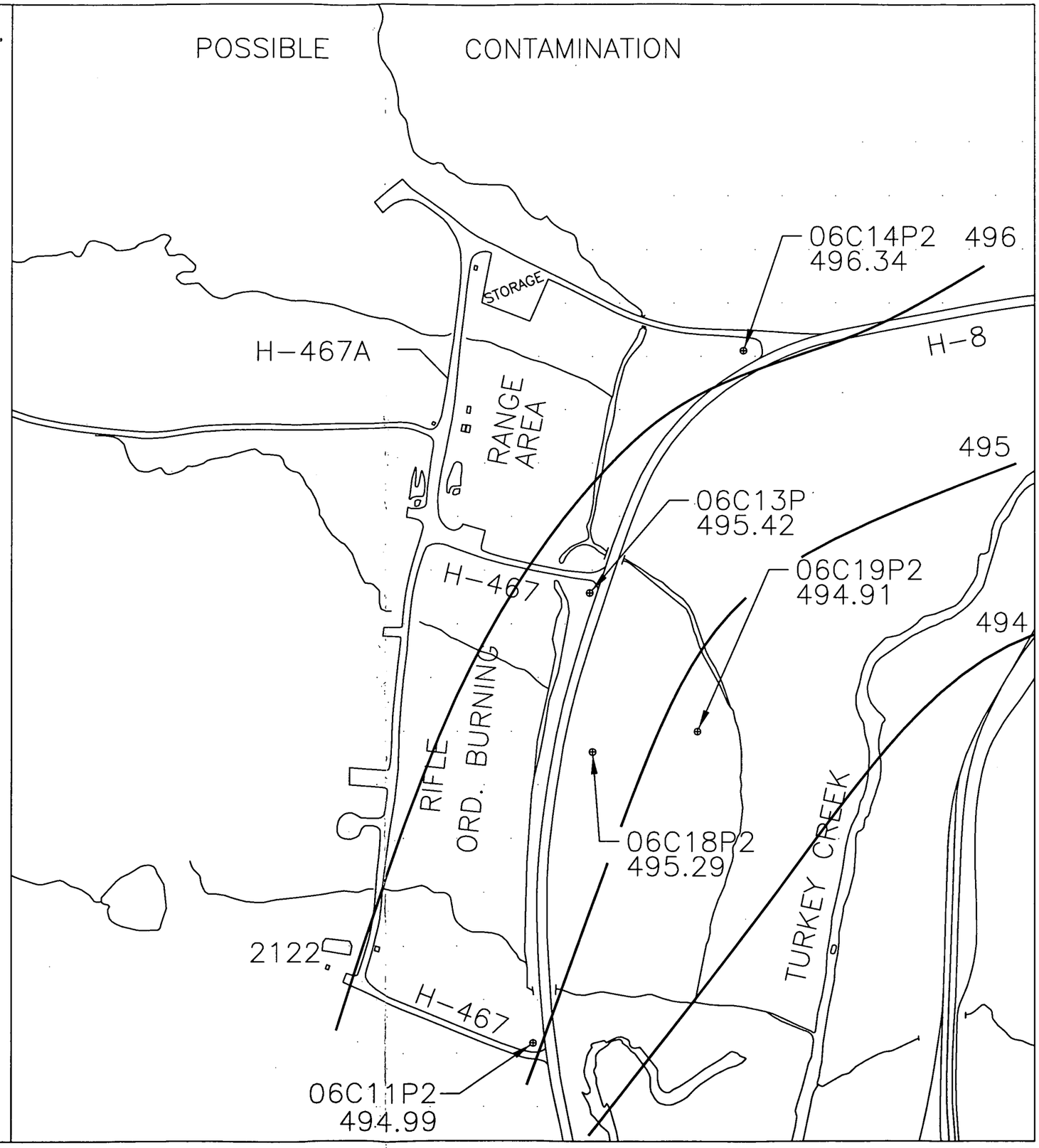
APRIL 10, 2001

FIGURE 3.2.1
OLD RIFLE RANGE, 1ST QUARTER, 2000
AQUIFER: BIG CLIFTY UPPER
WATER LEVEL MEASUREMENTS

N

NOT TO SCALE

APPROXIMATE CONTOUR LOCATION INTERVAL: 1'



LEGEND

⊕ ELEVATION WELL

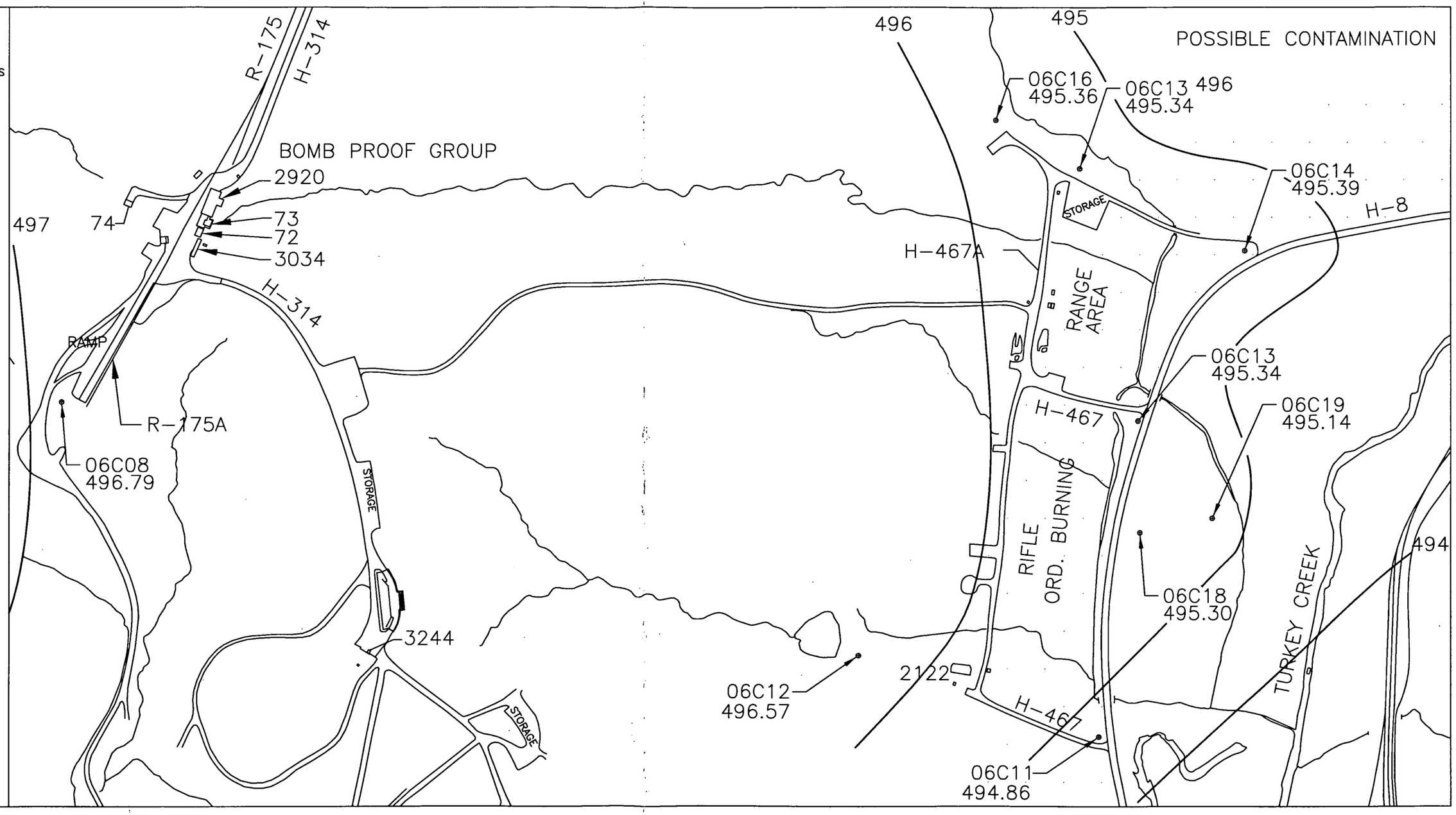
FEBRUARY 8, 2001

FIGURE 3.2.2
1ST QUARTER,
2000 OLD RIFLE RANGE
AQUIFER: BIG CLIFTY/
BEECH CREEK
WATER LEVEL MEASUREMENTS

N

NOT TO SCALE

APPROXIMATE CONTOUR
LOCATION INTERVAL: 1'



LEGEND

⊕ ELEVATION WELL

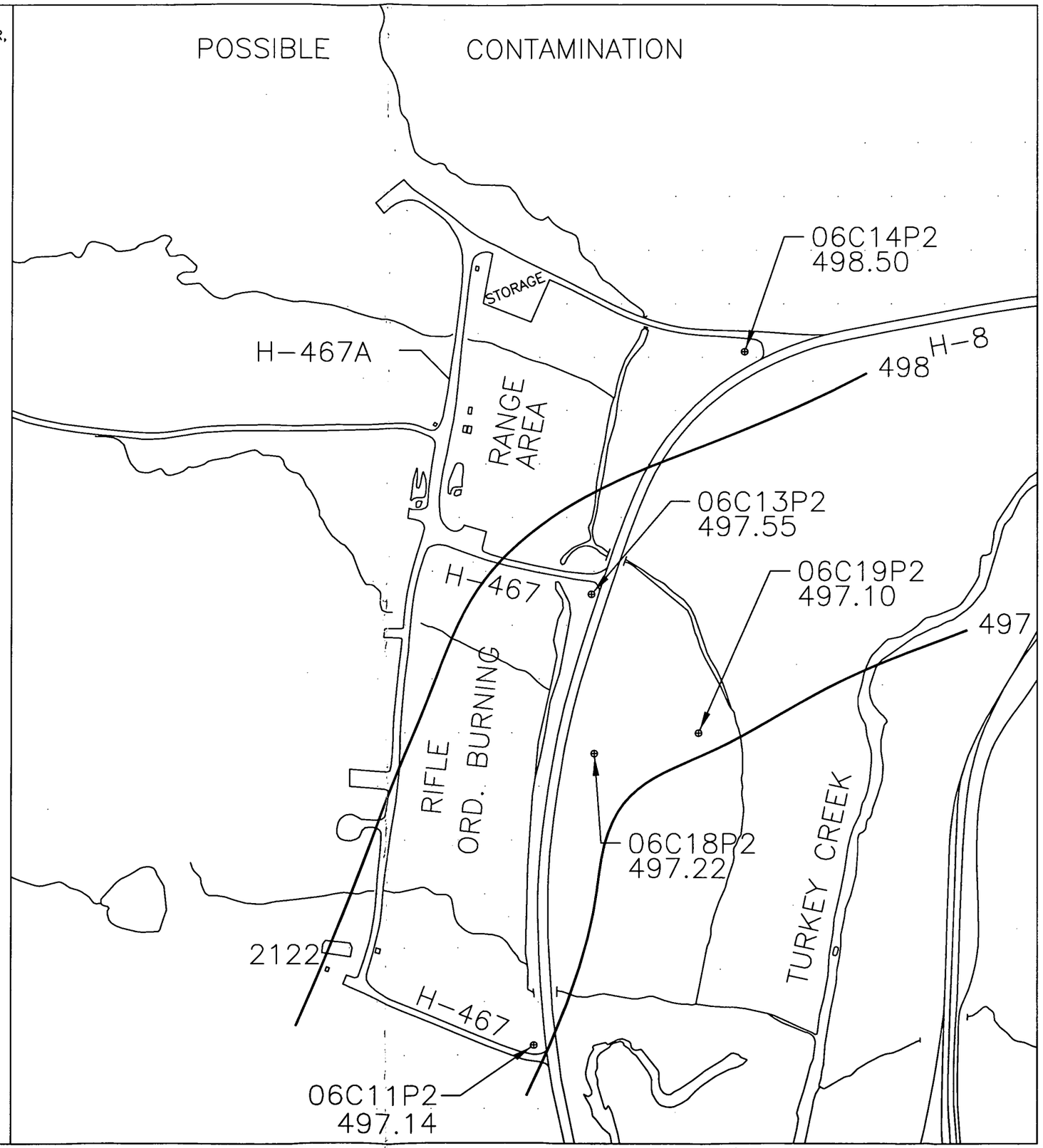
FEBRUARY 8, 2001

FIGURE 3.2.3
OLD RIFLE RANGE, 2ND QUARTER, 2000
AQUIFER: BIG CLIFTY UPPER
WATER LEVEL MEASUREMENTS

N

NOT TO SCALE

APPROXIMATE CONTOUR LOCATION INTERVAL: 1'



LEGEND

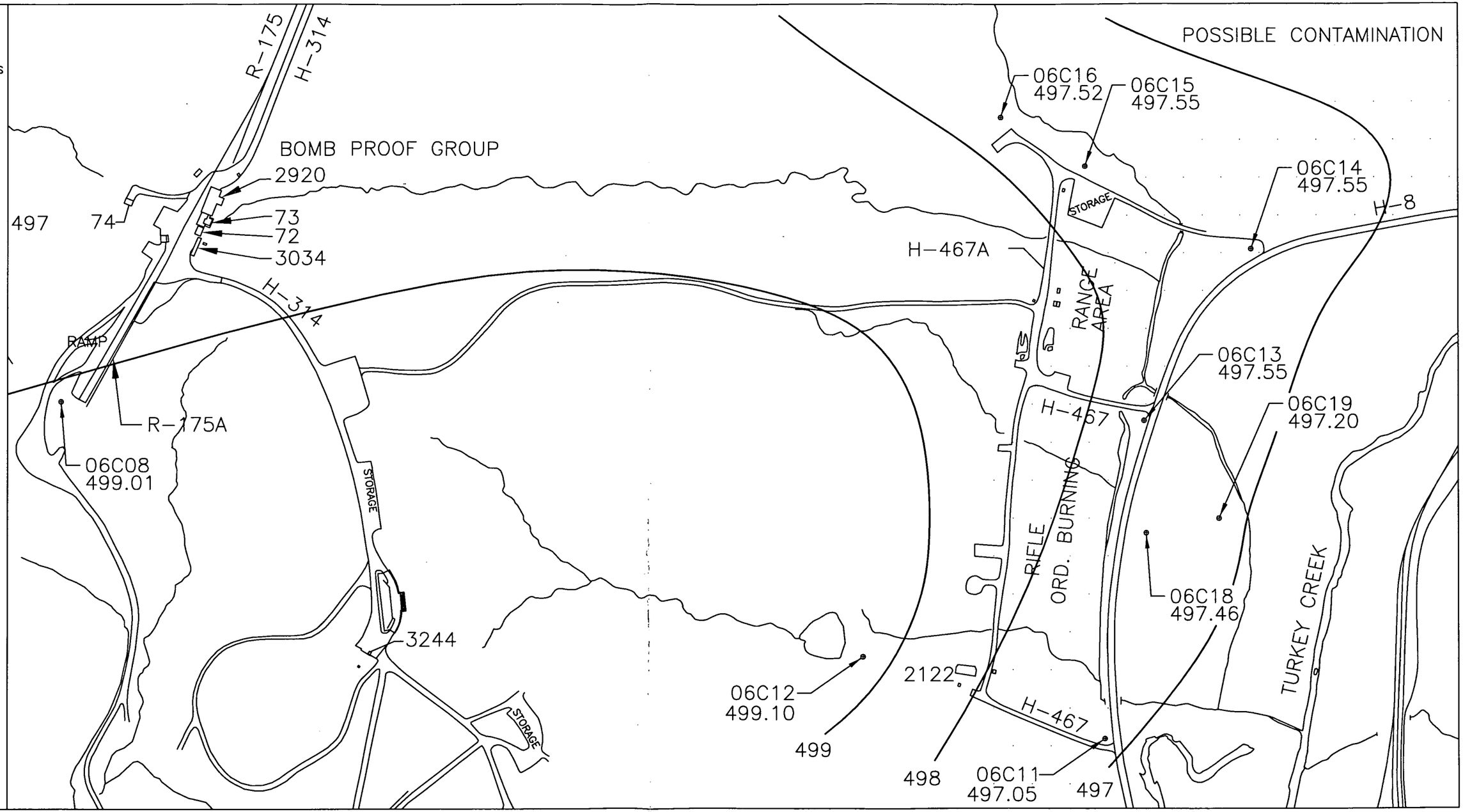
⊕ ELEVATION WELL

MARCH 12, 2001

FIGURE 3.2.4
2ND QUARTER,
2000 OLD RIFLE RANGE
AQUIFER: BIG CLIFTY/
BEECH CREEK
WATER LEVEL MEASUREMENTS

NOT TO SCALE

APPROXIMATE CONTOUR
LOCATION INTERVAL: 1'



LEGEND

⊕ ELEVATION WELL

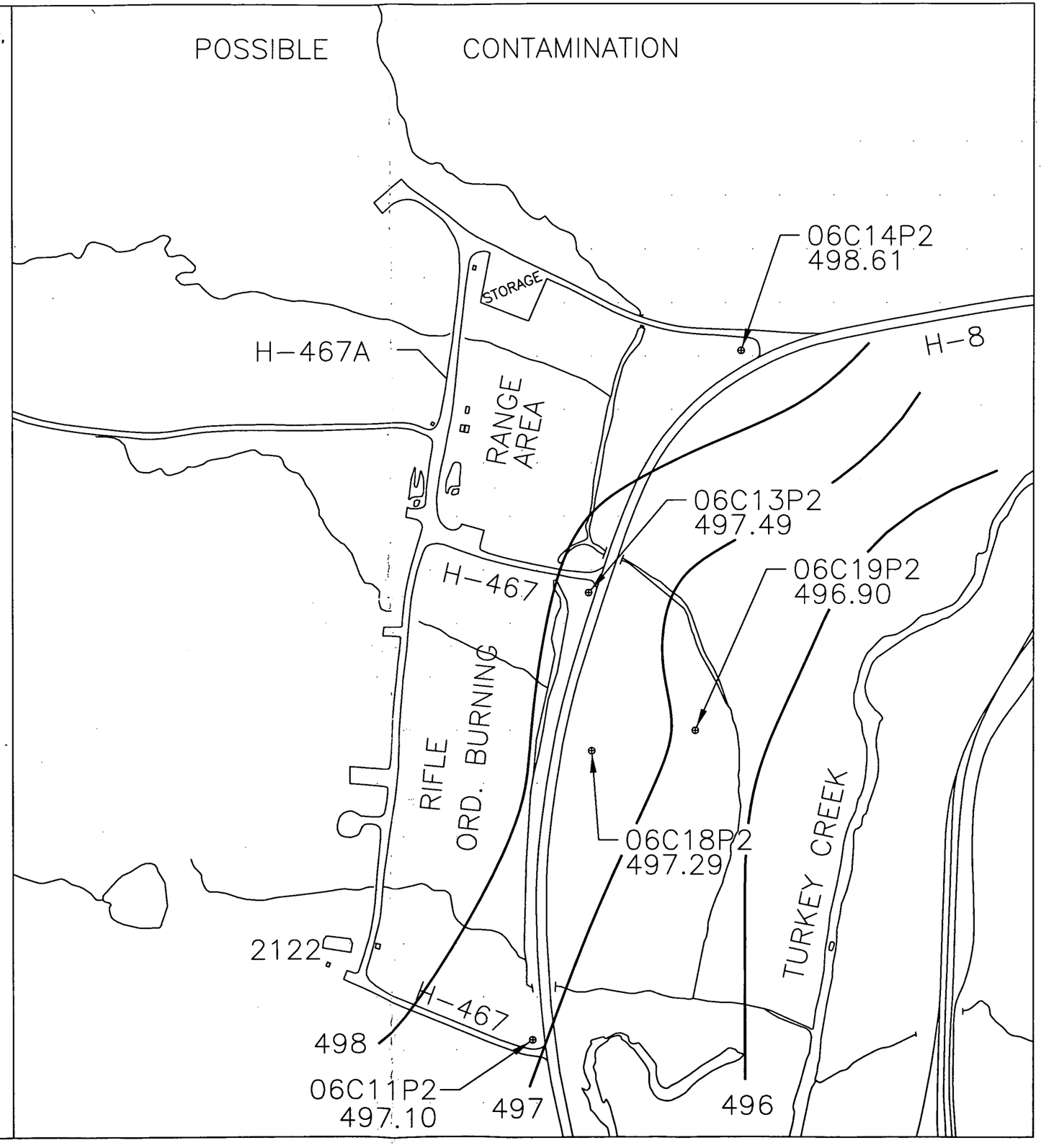
MARCH 12, 2001

FIGURE 3.2.5
OLD RIFLE RANGE, 3RD QUARTER, 2000
AQUIFER: BIG CLIFTY UPPER
WATER LEVEL MEASUREMENTS

N

NOT TO SCALE

APPROXIMATE CONTOUR INTERVAL: 1'



LEGEND

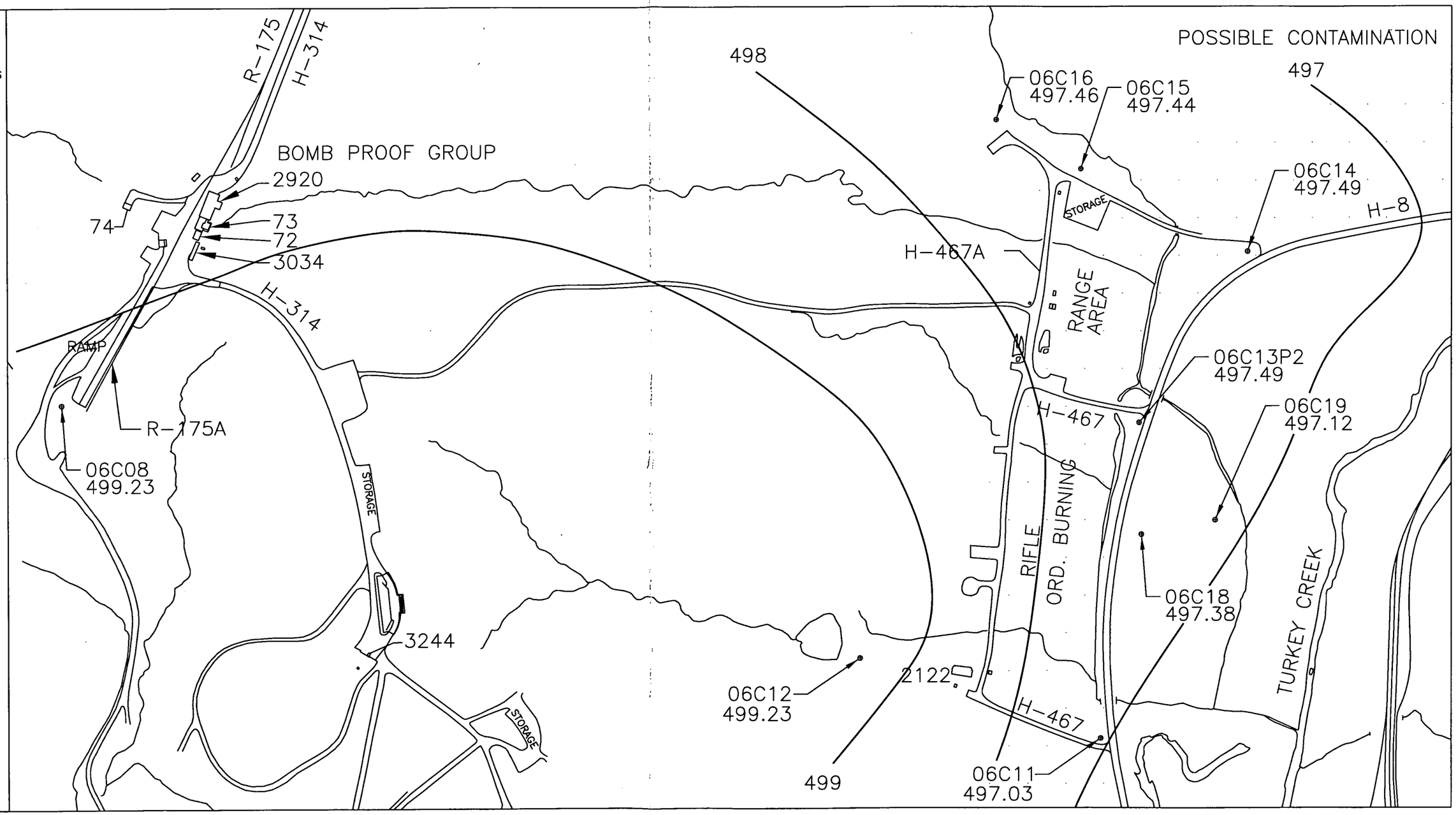
⊕ ELEVATION WELL

MAY 21, 2001

FIGURE 3.2.6
3RD QUARTER,
2000 OLD RIFLE RANGE
AQUIFER: BIG CLIFTY/
BEECH CREEK
WATER LEVEL MEASUREMENTS

NOT TO SCALE

APPROXIMATE CONTOUR
INTERVAL: 1'



LEGEND

⊕ ELEVATION WELL

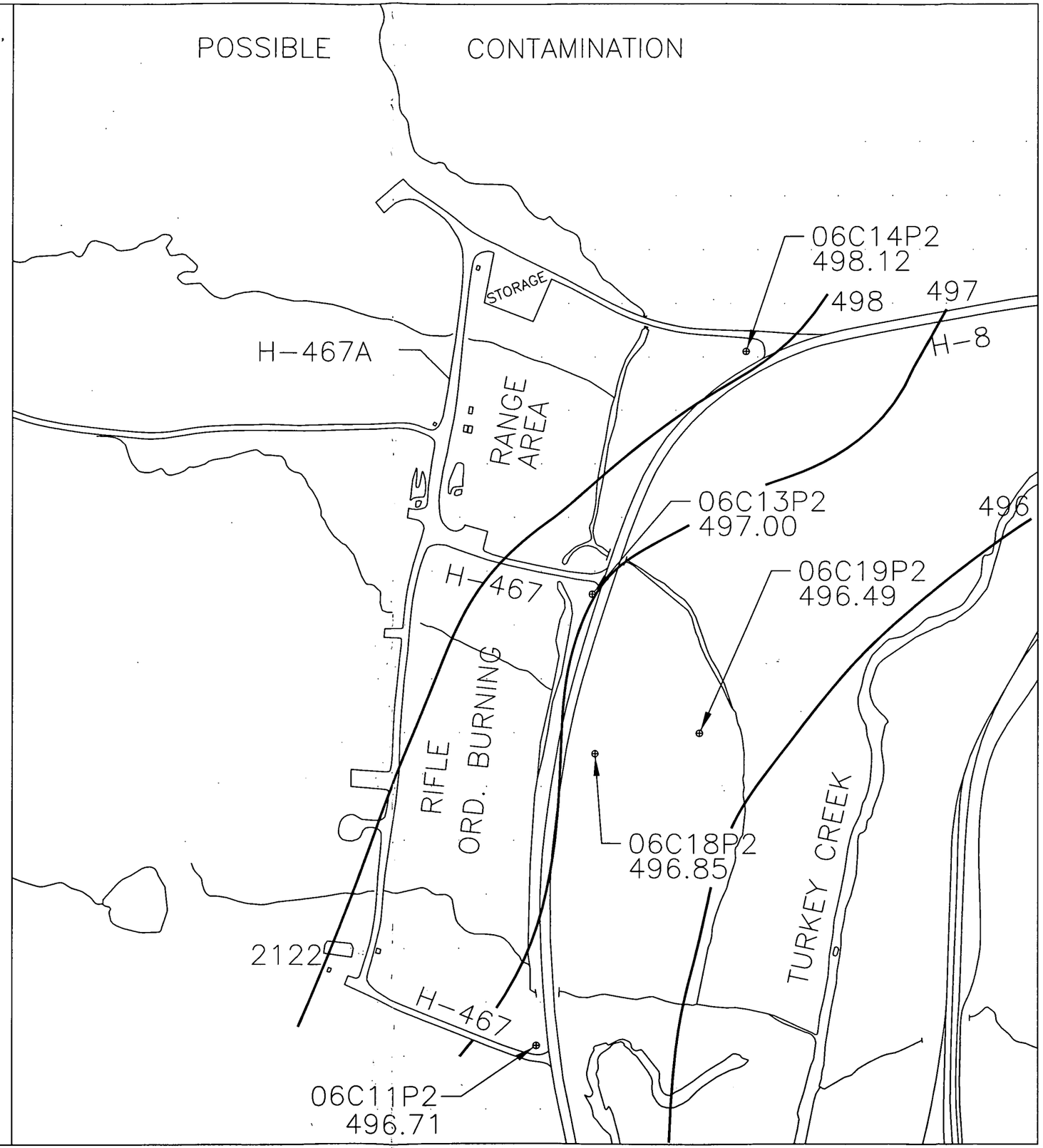
MAY 21, 2001

FIGURE 3.2.7
OLD RIFLE RANGE, 4TH QUARTER, 2000
AQUIFER: BIG CLIFTY UPPER
WATER LEVEL MEASUREMENTS

N

NOT TO SCALE

APPROXIMATE CONTOUR LOCATION INTERVAL: 1'



LEGEND

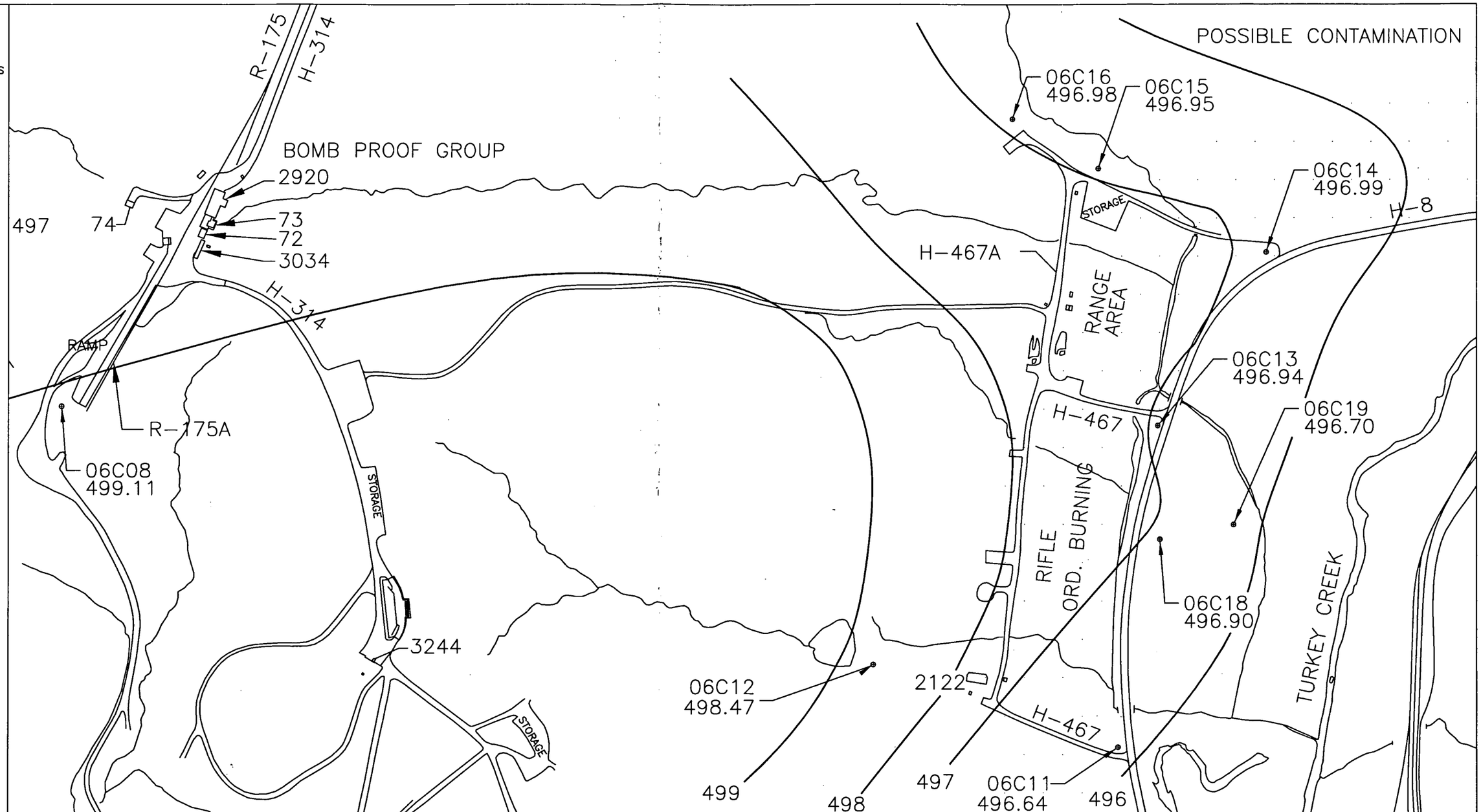
⊕ ELEVATION WELL

APRIL 10, 2001

FIGURE 3.2.8
4TH QUARTER,
2000 OLD RIFLE RANGE
AQUIFER: BIG CLIFTY/
BEECH CREEK
WATER LEVEL MEASUREMENTS

NOT TO SCALE

APPROXIMATE CONTOUR
LOCATION INTERVAL: 1'



LEGEND

⊕ ELEVATION WELL

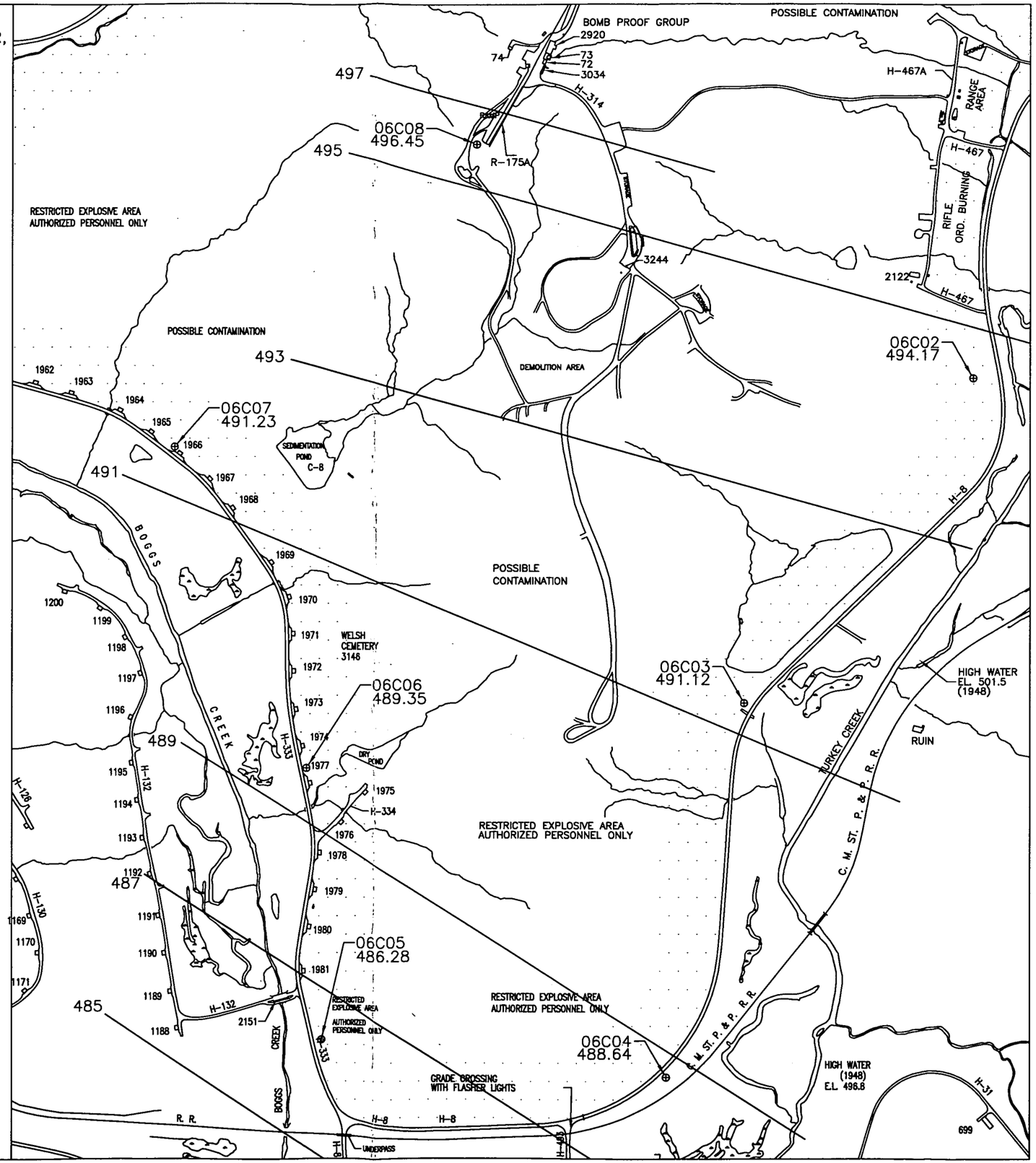
APRIL 10, 2001

FIGURE 3.3.1
DEMOLITION RANGE, 1ST QUARTER, 2000
AQUIFER: BIG CLIFTY/ BEACH CREEK
WATER LEVEL MEASUREMENTS

N

NOT TO SCALE

APPROXIMATE CONTOUR LOCATION INTERVAL: 2'



LEGEND

⊕ ELEVATION WELL

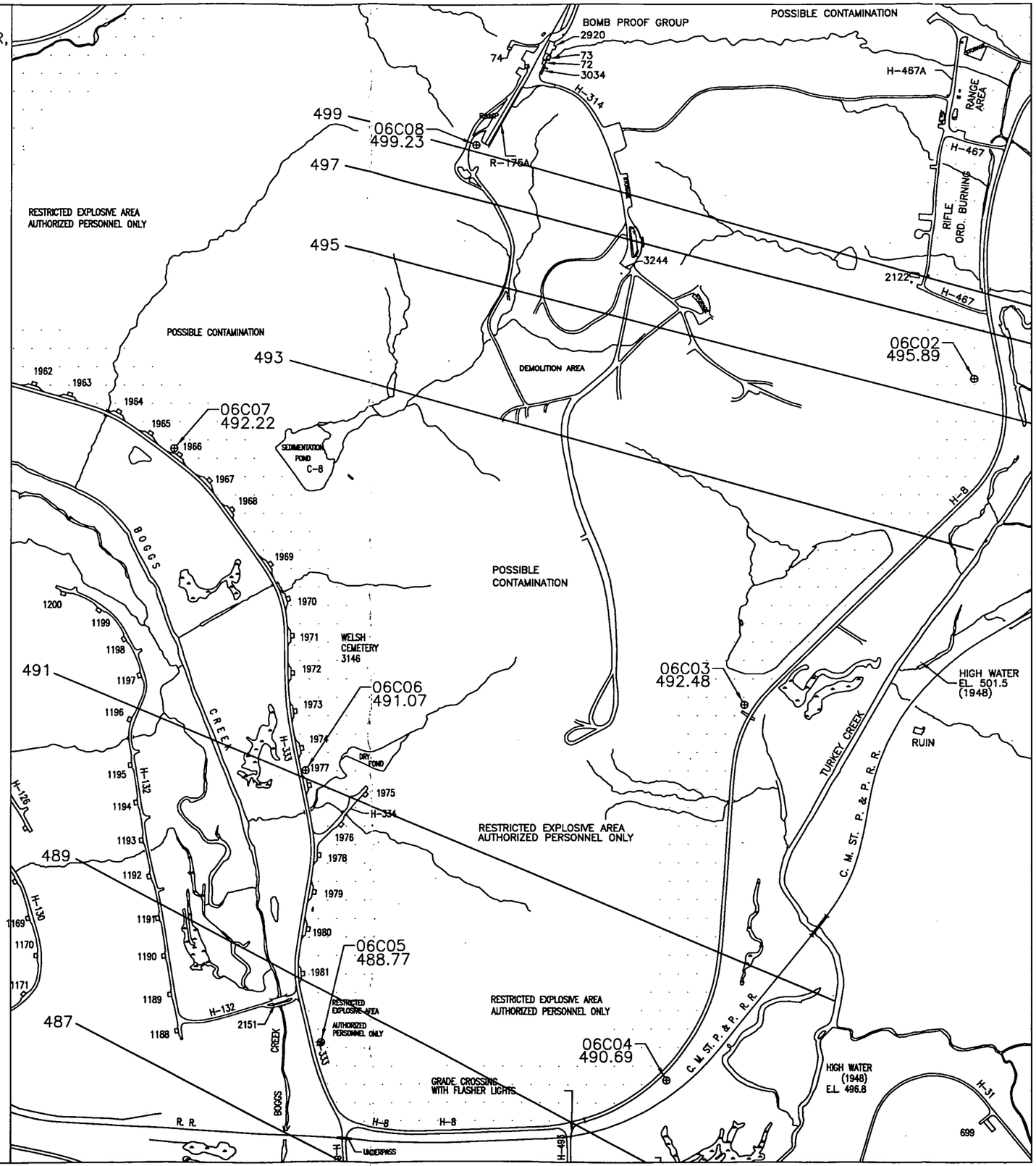
FEBRUARY 8, 2001

FIGURE 3.3.2
DEMOLITION RANGE, 3RD QUARTER, 2000
AQUIFER: BIG CLIFTY/
BEACH CREEK
WATER LEVEL MEASUREMENTS

N

NOT TO SCALE

APPROXIMATE CONTOUR INTERVAL: 2'



LEGEND

⊕ ELEVATION WELL

MAY 22, 2001

4.0
GROUNDWATER FLOW CONDITIONS

4.0 Ground Water Flow Conditions

Introduction

The hydrogeology underlying NSWC Crane can generally be characterized as a series of fractured carbonate bedrock aquifers separated by several relatively low-permeability aquitards. Ground water flow through this carbonate aquifer system is influenced, at least in part, by solution channels and/or caverns.

Ammunition Burning Grounds

Ground water in the ABG generally exists in three primary bedrock aquifers: the Golconda/Haney limestone aquifer, which is interconnected with the Big Clifty sandstone/Beech Creek limestone aquifer (the uppermost aquifer system), and the Beaver Bend limestone, the lower aquifer. The two aquifers are separated by a lower permeability shale aquitard (Elwren Formation). The Beaver Bend aquifer is considered hydraulically isolated from the uppermost aquifer system. Ground water migration from the ABG occurs principally through solution-weathered joints and bedding planes and secondly, through pore spaces in the rock itself. The Beech Creek limestone has evidence of poorly developed karstic features; however, none of these features are visible on the surface of the ABG. The Golconda/Haney and the Big Clifty/Beech Creek aquifer are recharged by surface infiltration in some sections of the ABG (Murphy, 1994). Ground water from the Golconda/Haney Formation has been shown to recharge the Big Clifty/Beech Creek Formation (Hunt, 1988), thus creating the uppermost aquifer. The Elwren shale underlying the Beech Creek limestone acts as an underlying aquitard and causes ground water to flow laterally downgradient to the south and southeast along this boundary. Thus, the underlying Beaver Bend aquifer is considered to be isolated hydraulically from the overlying aquifer(s) at the ABG (Murphy 1994).

Dye tracer tests conducted at ABG indicate that surface springs A, B, and C, located north and south of the ABG, are hydraulically connected with the Beech Creek aquifer (Murphy, 1994). Spring A located on the west valley wall approximately 1.5 miles south of the ABG, discharges ground water from the Beech Creek aquifer. According to Murphy (1994), the travel time for ground water in the Beech Creek aquifer from the mouth of the spring is estimated at approximately 2 miles per day (10,560 feet per day). Spring C, located on the east valley wall of Little Sulphur Creek about 1 mile south of the ABG, discharges ground water from the Beech Creek aquifer only during high flow conditions (Murphy, 1994).

Old Rifle Range and Demolition Range

Ground water is located in three principal aquifers in the ORR and DR: the Mansfield sandstone aquifer, the Golconda/Haney limestone aquifer, and the Big Clifty sandstone/Beech Creek aquifer. In the ORR site, a fourth aquifer is discerned in the shallow alluvium and Big Clifty sandstone. Similar to the ABG, ground water flow in the bedrock aquifers occurs principally through solution-weathered joints and bedding planes and secondarily through pore spaces in the rock. The continuous Big Clifty sandstone/Beech Creek limestone is the deepest aquifer monitored throughout the DR and ORR areas. The Big Clifty/Beech Creek aquifer is underlain

by the Elwren shale, which is 10 feet thick in the DR and ORR areas. Ground water flow in the Big Clifty/Beech Creek aquifer is toward the south and southwest but locally is toward the east in the direction of Turkey Creek near the ORR. Ground water flow in the Golconda/Haney aquifer is toward the south and southwest but is southeastward locally near the ORR. The Mansfield aquifer is found locally near the DR in shallow perched zones confined by low-permeability shale found in this unit.

5.0

MONITORING DEVICES

5.0 Monitoring Devices

In accordance with the Field Sampling Plan for RCRA Groundwater Monitoring at the Ammunition Burning grounds, Old Rifle Range, Demolition Range, and Old Jeep Trail, dedicated 1.66-inch-diameter, low flow, bladder pumps (Teflon-lined PVC) were installed in all of the monitoring wells at all sites, prior to groundwater sampling. Each pump was placed at the midpoint of the saturated well screen and, if possible, no less than two feet above the bottom of the well. Prior to pump installation, all of the wells were developed using a surge block and a submersible pump capable of reaching depths of 60 feet. In cases where well depth exceeded 60 feet, a bailer bailer was used instead of the submersible pump. The pumps were certified to be contaminant free; this certification, as well as lot numbers, was provided in an appendix of the initial ground water monitoring report. SOP 3, located as an appendix to the Field Sampling Plan, contains the procedures for the installation/replacement of dedicated pumps, if necessary. This SOP also describes procedures for the removal and reinstallation of pumps for well maintenance procedures.

6.0
GROUNDWATER MONITORING DATA

6.0 Groundwater Monitoring Data

The following tables show a summary of all parameters analyzed throughout the year. Each table shows the well number, aquifer sampled, sample number, date of sampling and the type of sample taken. All parameters that were sampled for in each quarter are indicated and whether there was a positive result for that parameter. All data have been validated using the National Functional Guidelines for both Organic and Inorganic Data Review.

TABLE 6.1.1
SUMMARY OF PARAMETERS DETECTED AT LEAST ONCE
MONITORING EVENT FIRST QUARTER 2000
AMMUNITION BURNING GROUNDS

Location	03B02	03B04	03C02P2	03C03	03C04	03C07	03C08P2	03C09P2
Aquifer	ALLUVIUM	ALLUVIUM	BEECH CREEK	BEAVER BEND	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK
Matrix	GW	GW	GW	GW	GW	GW	GW	GW
Sample Number	AB021A00	AB041A00	AC02P21A00	AC031A00	AC041A00	AC071A00	AC08P21A00	AC09P21A00
SA Code	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE
Sample Date	3/28/2000	3/27/2000	3/6/2000	4/1/2000	3/14/00 - 3/18/00	3/14/2000	3/30/2000	3/25/2000
VOLATILE ORGANIC COMPOUNDS (ug/l)								
1,1,1-TRICHLOROETHANE	0.50000 U	0.50000 U		0.50000 U	0.50000 U	0.50000 U		
1,1-DICHLOROETHANE	0.50000 U	0.50000 U		0.50000 U	0.50000 U	0.50000 U		
1,1-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	2.50000 U
1,2-DICHLOROETHANE	0.50000 U	0.50000 U		0.50000 U	0.50000 U	0.50000 U		
BENZENE	0.50000 U	0.50000 U		0.50000 U	0.50000 U	0.50000 U		
CARBON TETRACHLORIDE	0.30000 U	0.30000 U		0.30000 U	0.30000 U	0.30000 U		
CHLOROETHANE	0.50000 U	0.50000 U		0.50000 U	0.50000 U	0.50000 U		
CHLOROFORM	0.30000 U	0.30000 U		0.30000 U	0.30000 U	0.30000 U		
CIS-1,2-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000	0.50000 U	0.50000 U	0.50000 U	15.00000	2.50000 U
ETHYLBENZENE	0.50000 U	0.50000 U		0.50000 U	0.50000 U	0.50000 U		
M,P-XYLENE	0.50000 U			0.50000 U				
METHYLENE CHLORIDE	1.00000 U	1.00000 U		1.00000 U	1.00000 U	0.50000 U		
O-XYLENE	0.50000 U			0.50000 U				
TETRACHLOROETHENE	0.50000 U	0.50000 U		0.50000 U	0.50000 U	0.50000 U		
TOLUENE	0.50000 U	0.50000 U		0.50000 U	0.50000 U	0.50000 U		
TRANS-1,2-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	2.50000 U
TRICHLOROETHENE	0.50000 U	0.50000 U	12.00000	0.50000 U	0.50000 U	4.50000	63.00000 D	120.00000 D
VINYL CHLORIDE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	2.50000 U
XYLENE (TOTAL)		1.00000 U			1.00000 U	0.50000 U		
DISSOLVED GASES								
ETHANE (ng/l)	54	28		8	<5			
ETHENE (ng/l)	48	46		<5	<5			
METHANE (mg/l)	5.609	7.662		21.27	0.839			
EXPLOSIVES (ug/l)								
1,3,5-TRINITROBENZENENE	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	0.43999 U	3.80000 PX
1,3-DINITROBENZENE	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	0.43999 U	0.75000 U
2,4,6-TRINITROTOLUENE	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	0.43999 U	0.75000 U
2,4-DIAMINO-6-NITROTOLUENE	0.60000 U	0.68000 U		1.20000 U	0.52999 U			
2,4-DINITROTOLUENE	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	0.43999 U	0.75000 U
2,6-DIAMINO-4-NITROTOLUENE	0.60000 U	0.68000 U		1.20000 U	0.52999 U			
2,6-DINITROTOLUENE	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	0.43999 U	0.75000 U
2-AMINO-4,6-DINITROTOLUENE	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	2.90000 P	0.75000 U
2-NITROTOLUENE	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	0.43999 U	1.20000 PZX
3,5-DINITROANILINE	0.60000 U	0.68000 U		1.20000 U	0.52999 U			
3-NITROTOLUENE	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	0.43999 U	0.75000 U
4,4'-TN-AZOXY	0.60000 U	0.68000 U		1.20000 U	0.52999 U			
4-AMINO-2,6-DINITROTOLUENE	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	3.90000	0.75000 U
4-NITROTOLUENE	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	0.43999 U	0.75000 U
HMX	0.60000 U	0.68000 U	26.00000 J	1.20000 U	0.52999 U	9.50000	32.00000	4.10000 PX
MNX	0.60000 U	0.68000 U		1.20000 U	0.52999 U			
NITROBENZENE	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	0.43999 U	0.75000 U
NITROCELLULOSE	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U
NITROGLYCERIN	6.00000 U	6.80000 U	4.20000 U	12.00000 U	5.30000 U	13.00000 U	4.40000 U	7.50000 U
PETN	2.90000 U	3.30000 U	2.00000 U	6.00000 U	2.60000 U	6.40000 U	2.20000 U	3.70000 U
PICRAMIC ACID	1.00000 U	1.10000 U		0.97000 U	1.10000 U			
PICRIC ACID	1.00000 U	1.10000 U		0.97000 U	1.10000 U			
RDX	0.56000 U	0.62999 U	12.00000 J	1.10000 U	0.50000 U	34.00000	90.00000	160.00000 DX
TETRYL	0.60000 U	0.68000 U	0.41999 U	1.20000 U	0.52999 U	1.30000 U	0.43999 U	0.75000 U
TNX	0.60000 U	0.68000 U		1.20000 U	0.52999 U			
METALS (ug/l)								
ANTIMONY	1.11110 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
ARSENIC	8.44440	6.00000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
BARIUM	84.11110	87.80000	101.00000	42.70000	30.90000	32.80000	64.70000	13.90000
BERYLLIUM	1.11110 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CADMIUM	1.11110 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CHROMIUM	5.55560 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U
COBALT	3.33330 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
COPPER	2.22220 U	2.20000 U	2.20000 U	2.20000 U	2.60000	2.20000 U	2.20000 U	2.20000 U
IRON	14000.00000	7400.00000		111.00000 U	289.00000			
LEAD	1.11110 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
MANGANESE	1350.00000	1710.00000	16.70000 U	16.70000 U	617.00000	16.70000 U	16.70000 U	22.20000
MERCURY	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U
NICKEL	11.11110 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
SELENIUM	1.11110 U	1.10000	1.70000	1.10000 U	1.30000	1.90000	1.10000 U	1.30000
SILVER	3.33330 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
THALLIUM	1.11110 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
TIN	11.11110 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
VANADIUM	2.22220 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
ZINC	49.11110	15.10000	11.10000 U	11.10000 U	41.30000	11.10000 U	11.10000 U	11.10000 U
DISSOLVED METALS (ug/l)								
ANTIMONY	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.20000	1.10000 U
ARSENIC	7.60000	4.90000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
BARIUM	79.30000	86.80000	95.30000	42.90000	25.90000	33.70000	59.90000	13.70000
BERYLLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CADMIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CALCIUM	40200.00000	22900.00000	82000.00000	1140.00000		92300.00000	114000.00000	75300.00000
CHROMIUM	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U
COBALT	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
COPPER	2.20000 U	2.20000 U	2.20000 U	2.70000	2.20000 U	2.20000 U	2.20000 U	2.20000 U
IRON				111.00000 U				
LEAD	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
MAGNESIUM	5670.00000	3720.00000	14000.00000	1110.00000 U		43800.00000	37000.00000	14500.00000
MANGANESE	1300.00000	1780.00000	16.70000 U	16.70000 U	303.00000	16.70000 U	16.70000 U	16.70000 U
MERCURY	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U
NICKEL	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
POTASSIUM	1110.00000 U	1110.00000 U	2950.00000	1110.00000 U	3060.00000	4500.00000	13200.00000	1250.00000
SELENIUM	1.10000 U	1.10000 U	1.40000	1.10000 U	1.10000 U	1.10000 U	1.30000	1.40000
SILVER	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
SODIUM	8040.00000 N	5790.00000	29200.00000	214000.00000 N	60100.00000	23000.00000	14400.00000 N	4370.00000
THALLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
TIN	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
VANADIUM	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
ZINC	11.10000 U	27.20000	11.10000 U	103.00000	11.20000	232.00000	16.30000	11.10000 U
MISCELLANEOUS INORGANICS (mg/l)								
CHLORIDE	3.40000	1.60000	67.00000	1.40000	6.80000	8.60000	12.00000	5.10000
CYANIDE	0.01000 U	0.10000 U	0.01000 U	0.01000 U	0.10000 U	0.10000 U	0.01000 U	0.10000 U
SULFATE	28.00000	19.00000	60.00000	84.00000	820.00000	86.00000	140.00000	50.00000
SULFIDE	1.00000 U	1.00000 U		1.00000 U	1.00000 U			
TOTAL ORGANIC CARBON	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TOTAL ORGANIC HALOGENS	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.02999	0.07000
TOTAL PHOSPHORUS	0.10000 U	0.10000 U	0.10999	0.10000 U	0.10000 U	0.10000 U	0.10000 U	0.10000 U
TOTAL DISSOLVED PHOSPHORUS	0.10000 U	0.10000 U	0.15999	0.10000 U	0.10000 U	0.10000 U	0.10000 U	0.10000 U

Location	03C09P2	03C10	03C11	03C12	03C15	03C17	03C20	03C25
Aquifer	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK
Matrix	GW	GW	GW	GW	GW	GW	GW	GW
Sample Number	FD03250001	AC101A00	AC111A00	AC121A00	AC151A00	AC171A00	AC201A00	AC251A00
SA Code	DUPLICATE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
Sample Date	3/25/2000	4/1/2000	3/22/2000	3/15/2000	3/23/2000	4/1/2000	3/23/2000	3/24/2000
VOLATILE ORGANIC COMPOUNDS (ug/l)								
1,1,1-TRICHLOROETHANE		0.50000 U	0.50000 U	0.50000 U				0.50000 U
1,1-DICHLOROETHANE		0.50000 U	0.50000 U	0.50000 U				0.50000 U
1,1-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
1,2-DICHLOROETHANE		26.00000	0.50000 U	0.50000 U				0.50000 U
BENZENE		0.50000 U	0.50000 U	0.50000 U				0.50000 U
CARBON TETRACHLORIDE		1.60000	0.30000 U	0.30000 U				0.30000 U
CHLOROETHANE		0.50000 U	0.50000 U	0.50000 U				0.50000 U
CHLOROFORM		2.30000	2.20000	0.30000 U				0.30000 U
CIS-1,2-DICHLOROETHENE	0.50000 U	0.50000 U	8.10000	0.60000	0.50000 U	0.50000 U	66.00000 D	0.50000 U
ETHYLBENZENE		0.50000 U	0.50000 U	0.50000 U				0.50000 U
M,P-XYLENE		0.50000 U						
METHYLENE CHLORIDE		1.00000 U	1.00000 U	1.00000 U				1.00000 U
O-XYLENE		0.50000 U						
TETRACHLOROETHENE		0.50000 U	0.50000 U	0.50000 U				0.50000 U
TOLUENE		0.50000 U	0.50000 U	0.50000 U				0.50000 U
TRANS-1,2-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	7.20000	0.50000 U
TRICHLOROETHENE	120.00000 D	54.00000 D	2200.00000 D	21.00000	0.50000 U	0.50000 U	3300.00000 D	0.50000 U
VINYL CHLORIDE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
XYLENE (TOTAL)			1.00000 U	0.50000 U				0.50000 U
DISSOLVED GASES								
ETHANE (ng/l)		<5	17	<5				78
ETHENE (ng/l)		<5	22	<5				<5
METHANE (mg/l)		0.119	28.83	0.095				27.90
EXPLOSIVES (ug/l)								
1,3,5-TRINITROBENZENENE	4.10000 P	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	12.00000 PX	0.73000 U
1,3-DINITROBENZENE	0.91000 U	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	0.68000 U	0.73000 U
2,4,6-TRINITROTOLUENE	0.91000 U	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	0.68000 U	0.73000 U
2,4-DIAMINO-6-NITROTOLUENE		0.94999 U	1.20000 U	0.46000 U				0.73000 U
2,4-DINITROTOLUENE	0.91000 U	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	0.68000 U	0.73000 U
2,6-DIAMINO-4-NITROTOLUENE		0.94999 U	1.20000 U	0.46000 U				0.73000 U
2,6-DINITROTOLUENE	0.91000 U	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	0.68000 U	0.73000 U
2-AMINO-4,6-DINITROTOLUENE	0.91000 U	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	12.00000 PX	0.73000 U
2-NITROTOLUENE	1.30000 PZ	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	3.80000 PZX	0.73000 U
3,5-DINITROANILINE		0.94999 U	1.20000 U	0.46000 U				0.73000 U
3-NITROTOLUENE	0.91000 U	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	0.68000 U	0.73000 U
4,4'-TN-AZOXY		0.94999 U	1.20000 U	0.46000 U				0.73000 U
4-AMINO-2,6-DINITROTOLUENE	0.91000 U	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	14.00000 PX	0.73000 U
4-NITROTOLUENE	0.91000 U	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	0.68000 U	0.73000 U
HMX	4.20000	9.30000	7.60000 P	24.00000	1.10000 U	0.52999 U	34.00000 X	0.73000 U
MNX		2.80000	1.20000 U	0.46000 U				0.73000 U
NITROBENZENE	0.91000 U	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	0.68000 U	0.73000 U
NITROCELLULOSE	1000.00000 U	1000.00000 U	1000.00000 U		1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U
NITROGLYCERIN	9.10000 U	9.50000 U	12.00000 U	4.50000 U	11.00000 U	5.30000 U	6.80000 U	7.30000 U
PETN	4.50000 U	4.70000 U	5.70000 U	2.20000 U	5.20000 U	2.60000 U	3.30000 U	3.60000 U
PICRAMIC ACID		0.99000 U	1.10000 U	1.00000 U				1.10000 U
PICRIC ACID		0.99000 U	1.10000 U	1.00000 U				1.10000 U
RDX	180.00000	130.00000	31.00000	12.00000	0.99000 U	0.50000 U	190.00000 DX	0.68000 U
TETRYL	0.91000 U	0.94999 U	1.20000 U	0.46000 U	1.10000 U	0.52999 U	0.68000 U	0.73000 U
TNX		1.80000 P	1.20000 U	0.46000 U				0.73000 U
METALS (ug/l)								
ANTIMONY	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
ARSENIC	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	2.00000	1.10000 U	1.10000 U
BARIUM	14.00000	45.10000	23.60000	92.10000	22.80000	13.30000	32.10000	16.60000
BERYLLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CADMIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CHROMIUM	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U
COBALT	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
COPPER	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
IRON		111.00000 U	111.00000 U	111.00000 U				146.00000
LEAD	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
MANGANESE	23.10000	16.70000 U	16.70000 U	16.70000 U	34.90000	117.00000	16.70000 U	24.70000
MERCURY	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U
NICKEL	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
SELENIUM	2.00000	1.90000 P	3.20000	1.10000	1.10000 U	1.10000	1.10000 U	1.10000 U
SILVER	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
THALLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
TIN	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
VANADIUM	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
ZINC	43.70000	11.10000 U	11.10000 U	11.10000 U	11.10000 U	12.40000	11.10000 U	11.10000 U
DISSOLVED METALS (ug/l)								
ANTIMONY	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
ARSENIC	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	2.10000	1.10000 U	1.10000 U
BARIUM	13.20000	45.40000	22.40000	96.00000	23.60000	12.20000	32.70000	16.90000
BERYLLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CADMIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CALCIUM	74800.00000	91600.00000				189000.00000	88400.00000	
CHROMIUM	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U
COBALT	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
COPPER	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
IRON								
LEAD	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
MAGNESIUM	14300.00000	11400.00000		6510.00000	44300.00000	178000.00000	30200.00000	58600.00000
MANGANESE	16.70000 U	16.70000 U	16.70000 U	16.70000 U	35.20000	112.00000	16.70000 U	23.70000
MERCURY	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U
NICKEL	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
POTASSIUM	1250.00000	1110.00000 U	3680.00000	1790.00000	1790.00000	2780.00000	1860.00000	2430.00000
SELENIUM	1.60000	1.80000	3.00000	1.20000	1.10000 U	1.10000	1.10000 U	1.10000 U
SILVER	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
SODIUM	4330.00000	6820.00000 N	84400.00000	10500.00000	25700.00000	103000.00000 N	12000.00000	62000.00000
THALLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
TIN	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
VANADIUM	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
ZINC	183.00000	11.10000 U	11.20000	11.10000 U	286.00000	11.10000 U	57.70000	11.10000 U
MISCELLANEOUS INORGANICS (mg/l)								
CHLORIDE	4.90000	9.40000	54.00000	30.00000	4.20000	3.40000	6.30000	2.00000
CYANIDE	0.10000 U	0.01000 U	0.10000 U	0.10000 U	0.10000 U	0.01000 U	0.10000 U	0.10000 U
SULFATE	59.00000	62.00000	830.00000	68.00000	190.00000	1000.00000	120.00000	270.00000
SULFIDE		1.00000 U	1.00000 U	1.00000 U				1.00000 U
TOTAL ORGANIC CARBON	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TOTAL ORGANIC HALOGENS	0.02999	0.03999	0.85000	0.01999 U	0.05000	0.01999 U	0.01999 U	0.03999
TOTAL PHOSPHORUS	0.10000 U	0.10000 U	0.10000 U	0.14000	0.10000 U	0.10000 U	0.10000 U	0.10000 U
TOTAL DISSOLVED PHOSPHORUS	0.10000 U	0.10000 U	0.10000 U	0.10999	0.10000 U	0.10000 U	0.10000 U	0.10000 U

Location	03C26	03C27	03C30	SPRING A	SPRING A	SPRING C	SPRING C	CREEK A	CREEK B
Aquifer	BEECH CREEK	BEECH CREEK	BEECH CREEK						
Matrix	GW	GW	GW	SW	SW	SW	SW	SW	SW
Sample Number	AC261A00	AC271A00	AC301A00	ASPA1A00	FD03290001	ASPC1A00	FD03140001	ACRA1A00	ACRB1A00
SA Code	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	NORMAL	NORMAL
Sample Date	3/29/2000	3/28/2000	3/21/2000	3/29/2000	3/29/2000	3/14/2000	3/14/2000	3/8/2000	3/8/2000
VOLATILE ORGANIC COMPOUNDS (ug/l)									
1,1,1-TRICHLOROETHANE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
1,1-DICHLOROETHANE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
1,1-DICHLOROETHENE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
1,2-DICHLOROETHANE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
BENZENE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
CARBON TETRACHLORIDE				0.30000 U	0.30000 U	0.30000 U	0.30000 U	0.30000 U	0.30000 U
CHLOROETHANE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
CHLOROFORM				0.30000 U	0.30000 U	0.30000 U	0.30000 U	0.30000 U	0.30000 U
CIS-1,2-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
ETHYLBENZENE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
M,P-XYLENE				0.50000 U	0.50000 U				
METHYLENE CHLORIDE				1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
O-XYLENE				0.50000 U	0.50000 U				
TETRACHLOROETHENE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
TOLUENE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
TRANS-1,2-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
TRICHLOROETHENE	10.00000	4.20000	0.50000 U	0.30000 J	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
VINYL CHLORIDE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
XYLENE (TOTAL)						1.00000 U	1.00000 U	1.00000 U	1.00000 U
DISSOLVED GASES									
ETHANE (ng/l)				<5	<5	<5	<5	48	<5
ETHENE (ng/l)				<5	<5	<5	<5	37	<5
METHANE (mg/l)				0.082	0.085	0.058	0.037	0.581	0.888
EXPLOSIVES (ug/l)									
1,3,5-TRINITROBENZENENE	1.00000 U	0.87000 U	1.30000 U	0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
1,3-DINITROBENZENE	1.00000 U	0.87000 U	1.30000 U	0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
2,4,6-TRINITROTOLUENE	1.00000 U	0.87000 U	1.30000 U	0.69999	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
2,4-DIAMINO-6-NITROTOLUENE				0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
2,4-DINITROTOLUENE	1.00000 U	0.87000 U	1.30000 U	0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
2,6-DIAMINO-4-NITROTOLUENE				0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
2,6-DINITROTOLUENE	1.00000 U	0.87000 U	1.30000 U	0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
2-AMINO-4,6-DINITROTOLUENE	1.00000 U	0.87000 U	1.30000 U	0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
2-NITROTOLUENE	1.00000 U	0.87000 U	1.30000 U	0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
3,5-DINITROANILINE				0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
3-NITROTOLUENE	1.00000 U	0.87000 U	1.30000 U	0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
4,4'-TN-AZOXY				0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
4-AMINO-2,6-DINITROTOLUENE	1.00000 U	0.87000 U	1.30000 U	0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
4-NITROTOLUENE	1.00000 U	0.87000 U	1.30000 U	0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
HMX	1.00000 U	0.87000 U	1.30000 U	5.00000	5.30000	0.95999 U	0.76999 U	4.30000 PJ	4.90000 J
MNX				0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
NITROBENZENE	1.00000 U	0.87000 U	1.30000 U	0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
NITROCELLULOSE	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U		
NITROGLYCERIN	10.00000 U	8.70000 U	13.00000 U	6.60000 U	20.00000 U	9.60000 U	7.70000 U	13.00000 U	5.30000 U
PETN	5.10000 U	4.30000 U	6.30000 U	3.30000 U	9.60000 U	4.70000 U	3.80000 U	6.40000 U	2.60000 U
PICRAMIC ACID				0.93999 U	0.93999 U	1.10000 U	1.00000 U	0.95999 U	1.00000 U
PICRIC ACID				0.93999 U	0.93999 U	1.10000 U	1.00000 U	0.95999 U	1.00000 U
RDX	1.20000	0.81999 U	1.20000 U	7.40000	8.50000	1.80000	1.70000	4.50000 PJ	7.20000 J
TETRYL	1.00000 U	0.87000 U	1.30000 U	0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
TNX				0.66000 U	1.90000 U	0.95999 U	0.76999 U	1.30000 U	0.52999 U
METALS (ug/l)									
ANTIMONY	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
ARSENIC	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
BARIUM	38.40000	33.30000	61.10000	68.10000	67.70000	43.70000	41.40000	70.70000	70.30000
BERYLLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CADMIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CHROMIUM	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U
COBALT	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
COPPER	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
IRON				111.00000 U	164.00000	111.00000 U	111.00000 U	111.00000 U	111.00000 U
LEAD	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
MANGANESE	27.60000	16.70000 U	16.80000	16.70000 U	16.70000 U	16.70000 U	16.70000 U	16.70000 U	16.70000 U
MERCURY	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U
NICKEL	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
SELENIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
SILVER	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
THALLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
TIN	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
VANADIUM	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
ZINC	37.80000	41.30000	11.10000 U	35.10000	11.10000 U	77.60000	11.10000 U	11.10000 U	11.10000 U
DISSOLVED METALS (ug/l)									
ANTIMONY	1.10000 U	1.40000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
ARSENIC	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
BARIUM	39.70000	34.10000	46.00000	64.70000	67.40000	38.40000	40.20000	72.10000	67.20000
BERYLLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CADMIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CALCIUM	95700.00000	55300.00000	55100.00000	22400.00000	22500.00000	23800.00000	23900.00000	28900.00000	27600.00000
CHROMIUM	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U
COBALT	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
COPPER	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
IRON									
LEAD	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
MAGNESIUM	49100.00000	3090.00000	30800.00000	5720.00000	5780.00000	5020.00000	5010.00000	5200.00000	5760.00000
MANGANESE	27.20000	16.70000 U	16.70000 U	16.70000 U	16.70000 U	16.70000 U	16.70000 U	16.70000 U	16.70000 U
MERCURY	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U
NICKEL	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
POTASSIUM	1980.00000	1110.00000 U	2290.00000	2560.00000	2620.00000	1110.00000 U	1120.00000	1480.00000	1760.00000
SELENIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
SILVER	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
SODIUM	15400.00000 N	5440.00000 N	69600.00000	3480.00000 N	3540.00000 N	3290.00000	3290.00000	3090.00000	3160.00000
THALLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
TIN	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
VANADIUM	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
ZINC	11.10000 U	11.10000 U	49.20000	11.10000 U	287.00000	11.10000 U	13.10000	15.30000	113.00000
MISCELLANEOUS INORGANICS (mg/l)									
CHLORIDE	3.90000	3.20000	2.00000	3.60000	3.60000	4.30000	4.30000	3.60000	3.40000
CYANIDE	0.01000 U	0.01000 U	0.10000 U	0.01000 U	0.01000 U	0.10000 U	0.10000 U	0.01000 U	0.01000 U
SULFATE	110.00000	11.00000	120.00000	35.00000	35.00000	30.00000	30.00000	30.00000	33.00000
SULFIDE				1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TOTAL ORGANIC CARBON	1.10000	1.00000 U	1.00000 U	1.10000	1.00000 U	1.40000	1.10000	1.00000 U	1.00000 U
TOTAL ORGANIC HALOGENS	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U
TOTAL PHOSPHORUS	0.10000 U	0.10000 U	0.15999	0.11999	0.23999	0.10000 U	0.10000 U	0.10999	0.10000 J
TOTAL DISSOLVED PHOSPHORUS	0.15000	0.10000 U	0.10000 U	0.10000 U	0.11999	0.10000 U	0.10000 U	0.10000 J	0.10000 J

TABLE 6.1.2
SUMMARY OF PARAMETERS ANALYZED
SECOND QUARTER 2000 MONITORING EVENT
AMMUNITION BURNING GROUNDS

Location	03B02	03B04	03C02P2	03C03	03C04	03C07	03C08P2	03C09P2	03C10	03C10	03C11	03C12	03C15	03C17	03C20	03C25	03C26	03C27	03C30	SPRING A	SPRING C	SPRING C	CREEK A	CREEK A	CREEK B
Aquifer	ALLUVIUM	ALLUVIUM	BEECH CREEK	BEAVER BEND	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK						
Sample Number	AB022A00	AB042A00	AC02P22A00	AC032A00	AC042A00	AC072A00	AC08P22A00	AC09P22A00	AC102A00	FD06230001	AC112A00	AC122A00	AC152A00	AC172A00	AC202A00	AC252A00	AC262A00	AC272A00	AC302A00	ASPA2A00	ASPC2A00	FD06280001	FD06090001	ACRA2A00	ACRB2A00
SA Code	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	NORMAL
Sample Date	6/23/00	6/26/00	6/8/00	6/19/00	6/19/00	6/15/00	6/20/00	6/6/00	6/23/00	6/23/00	6/6/00	6/5/00	6/7/00	5/25/00	6/1/00	5/25/00	6/21/00	6/21/00	6/28/00	6/26/00	6/28/00	6/28/00	6/9/00	6/9/00	6/9/00
VOLATILE ORGANIC COMPOUNDS (ug/l)																									
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	19	0.5 U	0.5 U	0.5 U	8.5	0.5	0.5 U	0.5 U	70 D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	0.5 U	0.5 U	9.2	0.5 U	0.5 U	2.9	77 D	110 D	72 D	70 D	2500 D	20	0.5 U	0.5 U	3300 D	0.5 U	10	4.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	U	0.3 U	0.7	2.1	2.2	2.4	0.3 U	0.3 U	0.3 U	0.9	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,1-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6	1.2	1.2	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	9.0	25	26	0.5 U	0.5 U	0.5 U	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M,P-XYLENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U			0.5 U	0.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	0.5 U	0.5 U	0.5 U
O-XYLENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U			0.5 U	0.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)									1.0 U	1.0 U											1.0 U				
TETRACHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
CHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
BROMOMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U					1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*	1.0 U			
TRICHLOROFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
BROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
CIS-1,3-DICHLOROPROPENE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U					0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	*	0.3 U			
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
DIBROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
1,1,1,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
2,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
1,1-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
DIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
1,3-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
1,2-DIBROMOETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
1,2,3-TRICHLOROPROPANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U					1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*	1.0 U			
1,2-DIBROMO-3-CHLOROPROPANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U					1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*	1.0 U			
ACETONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U					10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	*	10 U			
2-BUTANONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U					10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	*	10 U			
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
4-METHYL-2-PENTANONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U					10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	*	10 U			
2-HEXANONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U					10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	*	10 U			
1,2,3-TRICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
VINYL ACETATE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
IODOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*	0.5 U			
ACRYLONITRILE	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U					3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	*	3.0 U			
TRANS-1,4-DICHLORO-2-BUTENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U					10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	*	10 U			
ACROLEIN	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U					10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	*	10 U			
ALLYL CHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U					10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	*	10 U			
CHLOROPRENE	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U					3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	*	3.0 U			
METHACRYLONITRILE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U					1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*	1.0 U			
METHYL METHACRYLATE	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U					2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	*	2.0 U			
ETHYL METHACRYLATE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U					1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*	1.0 U			
ACETONITRILE	40.00000 U	40.00000 U	40 U	40.00000 U	40.00000 U	40.00000 U	40.00000 U	40 U					40 U	40 U	40 U	40 U	40.00000 U	40.00000 U	40 U	40.00000 U	40 U	40 U			
PROPIONITRILE	40.00000 U	40.00000 U	40 U	40.00000 U	40.00000 U	40.00000 U	40.00000 U	40 U					40 U	40 U	40 U	40 U	40.00000 U	40.00000 U	40 U	40.00000 U	40 U	40 U			
ISOBUTYL ALCOHOL	40.00000 U	40.00000 U	40 U	40.00000 U	40.00000 U	40.00000 U	40.00000 U	40 U					40 U	40 U	40 U	40 U	40.00000 U	40.00000 U	40 U	40.00000 U	40 U	40 U			
1,4-DIOXANE	100.00000 U	100.00000 U	100 U	100.00000 U	100.00000 U	100.00000 U	100.00000 U	100 U					100 U	100 U	100 U	100 U	100.00000 U	100.00000 U	100 U	100.00000 U	100 U	100 U			
DISSOLVED GASES																									
ETHANE (ng/l)	64	17		<5	<5				<5	<5	<5	<5				68				<5	<5	<5	<5	<5	<5
ETHENE (ng/l)	14	12		<5	<5				<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
METHANE (ug/l)	8.4	9.653		22.34	0.410				0.133	0.168	<0.015	0.203				34.88				0.131	0.109	0.116	0.708	0.736	3.975
EXPLOSIVES (ug/l)																									
HMX	0.79 U	1.1 U	30	1.1 U	0.61 U	6.6	35 X	5.0 P	8.7 X	10	6.7	44	0.58 U	0.73 U	36 X	0.90 U	1.2 U	1.3 U	1.1 U	10	2 P	2.2 P	10	11	6.1 P
RDX	0.74 U	1.1 U	17	1.0 U	0.57 U	27.0	95 DX	180	110 DX	130	29	26	0.55 U	0.68 U	210 DX	0.84 U	1.1 U	1.2 U	1.1 U	11	4.1	5.0 P	22	24	11
1,3,5-TRINITROBENZENE	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	0.46 U	1.0 U	0.55 U	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	13 PX	0.90 U	1.2 U	1.3 U	1.1 U	0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
1,3-DINITROBENZENE	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	0.46 U	1.0 U	0.55 U	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	0.73 U	0.90 U	1.2 U	1.3 U	1.1 U	0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
TETRYL	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	0.46 U	1.0 U	0.55 U	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	0.73 U	0.90 U	1.2 U	1.3 U	1.1 U	0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
NITROBENZENE	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	0.46 U	1.0 U	0.55 U	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	0.73 U	0.90 U	1.2 U	1.3 U	1.1 U	0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
2,4,6-TRINITROTOLUENE	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	0.46 U	1.0 U	0.55 U	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	0.73 U	0.90 U	1.2 U	1.3 U	1.1 U	0.96 U	0.79 U	1.0 U	0.48	0.44 U	0.49 U
4-AMINO-2,6-DINITROTOLUENE	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	4.5 X	1.0 U	0.71 PX	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	18 X	0.90 U	1.2 U	1.3 U	1.1 U	1 P	0.79 U	1.0 U	1.4 P	1.5 P	0.49 U
2-AMINO-4,6-DINITROTOLUENE	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	3.1 PX	1.0 U	0.55 U	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	14 X	0.90 U	1.2 U	1.3 U	1.1 U	0.96 U	0.79 U	1.0 U	0.66 P	0.74	0.49 U
2,6-DINITROTOLUENE	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	0.46 U	1.0 U	0.55 U	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	0.73 U	0.90 U	1.2 U	1.3 U	1.1 U	0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
2,4-DINITROTOLUENE	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	0.46 U	1.0 U	0.55 U	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	0.73 U	0.90 U	1.2 U	1.3 U	1.1 U	0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
2-NITROTOLUENE	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	0.46 U	1.0 U	0.55 U	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	0.73 U	0.90 U	1.2 U	1.3 U	1.1 U	0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
4-NITROTOLUENE	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	0.46 U	1.0 U	0.55 U	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	0.73 U	0.90 U	1.2 U	1.3 U	1.1 U	0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
3-NITROTOLUENE	0.79 U	1.1 U	1.1 U	1.1 U	0.61 U	1.3 U	0.46	1.0 U	0.55 U	0.83 U	0.58 U	0.81 U	0.58 U	0.73 U	0.73 U	0.90 U	1.2 U	1.3 U	1.1 U	0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
NITROCELLULOSE IN WATER	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000.00 U	1000 U	1000 U	1000 U	1000 U	1000.00 U	1000 U	1000 U	1000 U
PICRIC ACID	1.1 U	1 U		1.0 U	1.1 U				1.1 U	1.1 U	1.1 U	1.1 U				1.1 U				0.91 U	0.95 U	0.94 U	0.97 U	0.97 U	0.99 U
PICRAMIC ACID	1.1 U	1 U		1.0 U	1.1 U				1.1 U	1.1 U	1.1 U	1.1 U				1.1 U				0.91 U	0.95 U	0.94 U	0.97 U	0.97 U	0.99 U
2,6-DIAMINO-4-NITROTOLUENE	0.79 U	1.1 U		1.1 U	0.61 U				0.8 P	0.96 U	0.58 U	0.81 U	0.58 U			0.90 U				0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
2,4-DIAMINO-6-NITROTOLUENE	0.79 U	1.1 U		1.1 U	0.61 U				0.55 U	0.83 U	0.58 U	0.81 U	0.58 U			0.90 U				0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
TNX	0.79 U	1.1 U		1.1 U	0.61 U				0.55 U	0.83 U	0.58 U	0.81 U	0.58 U			0.90 U				0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
MNX	0.79 U	1.1 U		1.1 U	0.61 U				2.2	2.6	0.58 U	0.81 U	0.58 U			0.90 U				0.96 U	0.79 U	1.0 U	0.29 P	0.44 U	0.49 U
3,5-DINITROANILINE	0.79 U	1.1 U		1.1 U	0.61 U				0.55 U	0.83 U	0.58 U	0.81 U	0.58 U			0.90 U				0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
4,4'-TN-AZOXY	0.79 U	1.1 U		1.1 U	0.61 U				0.55 U	0.83 U	0.58 U	0.81 U	0.58 U			0.90 U				0.96 U	0.79 U	1.0 U	0.23 U	0.44 U	0.49 U
NITROGLYCERIN	7.90 U	11 U	11 U	11.00000 U	6.1 U	13.00000 U	4.5 U	10 U	5.5 U	8.30 U	5.8 U	8.1 U	5.8 U	7.3 U	7.3 U	9.0 U	12.00000 U	13.00000 U	11 U	9.6 U	7.9 U	10 U	2.3 U	4.4 U	4.9 U
PETN	3.90 U	5.6 U	5.4 U	5.2 U	3 U	6.4 U	2.2 U	5.0 U	2.7 U	4.1 U	2.9 U	4.0 U	2.9 U	3.6 U	3.6 U	4.4 U	5.9 U	6.4 U	5.6 U	4.7 U	3.9	5.0 U	1.2 U	2.2 U	2.4 U
METALS (ug/l)																									
ANTIMONY	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ARSENIC	9.3	6.2	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.7	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
BARIUM	92.9	96.3	99.8	44.8	23.7	33.8	61	14.9	51.2	50.6	23.3	102.0	23.9	13.6	34.4	17.9	43.2	35.4	58.6	104	64	62.1	120	122	122
BERYLLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CADMIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CHROMIUM	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
COBALT	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
COPPER	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
IRON	13700	7490		111 U	111 U				111 U	111 U	111.0 U	149.0	423			118			111 U	125	123	111 U	111 U	111 U	111 U
LEAD	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MANGANESE	1390	1760	16.7 U	16.7 U	177	16.7 U	16.7 U	22.6	16.7 U	16.7 U	16.7 U	16.7 U	34.1	105	16.7 U	21.1	27.7	16.7 U	21.6	16.7 U	16.7 U	16.7 U	16.7 U	16.7 U	42.1
MERCURY	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22 U	0.22 U	0.22 U
NICKEL	11.1 U	11.1 U	11.1	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
SELENIUM	1.1 U	1.1 U	2 U	1.1 U	1.7	1.2	1.4	1.6	2.3	2.6	4.9	1.1 U	1.4	1.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1	1.1 U	1.1 U
SILVER	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
ZINC	14.3	11.1 U	11.1 U	11.1 U	15.1	13.8	18.4	11.1 U	11.1 U	14.4	35.3	16.7	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	37.7	11.1 U	15.4	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
TIN	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
DISSOLVED METALS (ug/l)																									
ANTIMONY (FILTERED)	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1.4
ARSENIC (FILTERED)	10.9	7.2	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1	1.0 U	1.0 U	1 U	1 U	1 U	1.8	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1	1 U	1 U
BARIUM (FILTERED)	93.1	98.7	108	45.4	23.7	34.4	60.2	15.4	50.3	50.5	24.9	102	25.6	12.9	36.4	15.2	44.2	36.9	54.2	107.0	61.6	62.3	128 U	127	128
BERYLLIUM (FILTERED)	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1	1 U	1 U
CADMIUM (FILTERED)	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1 U	2.4
CALCIUM (FILTERED)	43000.00000	22600.00000	96500	1170.00000	141000.00000	96300.00000	121000.00000	73500	94900.00000	94400.00000	225000	96000	104000	193000	90000	104000	98900.00000	56800.00000	75000.00000	30000.00000	34100.00000	33600.00000	42700 U	42400	37100
CHROMIUM (FILTERED)	5.0 U	5.0 U	5 U	5.0 U	5.0	5.0 U	5.7	5	5.0	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U
COBALT (FILTERED)	3.0 U	3.0 U	3 U	3.0 U	3.0 U	3.0 U	3.0 U	3	3.0 U	3.0 U	3 U	3 U	3 U	3 U	3 U	3 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3 U	3 U	3 U
COPPER (FILTERED)	2.0 U	2.0 U	2 U	2.4	2.4	2.0 U	2.0 U	2	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U
LEAD (FILTERED)	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1	1 U	1 U
MAGNESIUM (FILTERED)	6270.00000	3730.00000	16800	1000.00000 U	190000.00000	46700.00000	39100.00000	14600	12300.00000	12200.00000	117000	7310	45500	187000	30900	60100	52200.00000	3310.00000	35400.00000	6610.00000	5830.00000	5770.00000	8680 U	8570	7600
MANGANESE (FILTERED)	1430	1760	15 U	15.0 U	150	15.0 U	15.0 U	15	15.0 U	15.0 U	15 U	15 U	36.5	99.4	15 U	25.3	24.9	15.0 U	37.9	15.0 U	15.0 U	15.0 U	15 U	15 U	39.3
MERCURY (FILTERED)	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL (FILTERED)	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10	10.0 U	10.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10	10 U	10 U
POTASSIUM (FILTERED)	1010.00000	1000.00000 U	3330	1000.00000 U	2850.00000	2470.00000	7920.00000	1200	1000.00000 U	1000.00000 U	3570	2090	1910	2880	1810	2520	1900.00000	1120.00000	2250.00000	5000.00000	1410.00000	1290.00000	3440 U	3500	3420
SELENIUM (FILTERED)	1.0 U	1.0 U	1.4	1.0 U	2.2	1.6	1.0 U	1.1	1.3	1.4	3	1 U	1 U	1.2	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
SILVER (FILTERED)	3.0 U	3.0 U	3 U	3.0 U	3.0 U	3.0 U	3.0 U	3	3.0 U	3.0 U	3 U	3 U	3 U	3 U	3 U	3 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3	3 U	3 U
SODIUM (FILTERED)	8200.00000	5980.00000	34500	218000.00000	50600.00000	21900.00000	13000.00000	4380	7080.00000	7070.00000	79200	13600	26200	103000	11900	60500	15500.00000	5610.00000	56600.00000	3540.00000	3090.00000	3080.00000	4770 U	4750	4030
THALLIUM (FILTERED)	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
VANADIUM (FILTERED)	2.0 U	2.0 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2	2 U	2 U
ZINC (FILTERED)	51.1	10.0 U	10 U	10.0 U	11.4	10.0 U	10.0 U	10	10.0 U	10.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	12 U	10.1	10 U
TIN (FILTERED)	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10	10.0 U	10.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10	10 U	10 U
MISCELLANEOUS INORGANICS (mg/l)																									
SULFIDE AS S			1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
CHLORIDE (CL) EPA 9056	3.2	1.3	80	1.5	1.8	9.6	10	4.5	9.1	9.0	53	39	4.1	3.1	5.2	1.8	4.4	3.2	2.1	3.1	2.8	2.8	4.5	4.3	3.3
CYANIDE (METHOD 9012)	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.016	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U
TOTAL PHOSPHORUS AS P	0.1 U	0.1 U	0.04	0.1 U	0.1 U	0.1 U	0.1 U	0.05	0.1 U	0.1 U	0.04	0.03	0.02	0.17	0.06	0.02	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.05	0.04	0.13
SULFATE (SO4) EPA 9056	28	16	65	83	30	95	130	47	63	64	820	54	180	950	120	240	110	13	130	30	26	25	37	37	32
MISCELLANEOUS ORGANICS (mg/l)																									
TOTAL ORGANIC CARBON	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.3	1.0 U	1.0 U	1.0 U	1.0 U
TOTAL ORGANIC HALOGENS			0.02 U	0.02 U		0.02 U	0.06	0.19	0.06	0.07	1.20	0.04	0.02	0.02 U	1.40	0.04 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.05	0.02 U	0.03

* Incorrectly logged on Chain of Custody. Duplicate contains complete results.

TABLE 6.1.3
SUMMARY OF PARAMETERS ANALYZED
SECOND QUARTER 2000 MONITORING EVENT
APPENDIX IX: AMMUNITION BURNING GROUNDS

	OC19P22A00	OC192A00	AC252A00	AC172A00	AC202A00	AC09P22A00	AC152A00	AC02P22A00	AC072A00	AC032A00	AC08P22A00	AC272A00	AC042A00	AC262A00	ABO22A00	AB042A00	ASPA2A00	AC302A00	ASPC2A00	FD06280001
PYRIDINE	11 U	11 U	11 UJ	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
ANILINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODIMETHYLAMINE	11 U	11 U	11 UJ	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PHENOL	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-CHLOROPHENOL	3 U	3 U	3 UJ	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,3-DICHLOROBENZENE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-DICHLOROBENZENE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-DICHLOROBENZENE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
BENZYL ALCOHOL	11 U	11 U	11 UJ	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	3 U	3 U	3 UJ	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2-METHYLPHENOL	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROETHANE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
N-NITROSO-DI-N-PROPYLAMINE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-METHYLPHENOL	4 U	4 U	4 UJ	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
ISOPHORONE	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-DIMETHYLPHENOL	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
BIS(2-CHLOROETHOXY)METHANE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-DICHLOROPHENOL	3 U	3 U	3 UJ	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,2,4-TRICHLOROBENZENE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-CHLOROANILINE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROBUTADIENE	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-CHLORO-3-METHYLPHENOL	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROCYCLOPENTADIENE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4,6-TRICHLOROPHENOL	3 U	3 U	3 UJ	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2,4,5-TRICHLOROPHENOL	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-CHLORONAPHTHALENE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-NITROANILINE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
DIMETHYLPHTHALATE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3-NITROANILINE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-DINITROPHENOL	11 U	11 U	11 UJ	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
DIBENZOFURAN	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	11 U	11 U	11 UJ	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
DIETHYLPHTHALATE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-NITROANILINE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-DINITRO-2-METHYLPHENOL	11 U	11 U	11 UJ	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-BROMOPHENYL-PHENYLETHER	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROBENZENE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
PENTACHLOROPHENOL	11 U	11 U	11 UJ	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
BUTYLBENZYLPHTHALATE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-DICHLOROBENZIDINE	11 U	11 U	11 UJ	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	2 U	2 U	2 UJ	2 U	24	2 U	2 U	2 U	1 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
DI-N-OCTYLPHTHALATE	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-PICOLINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOMETHYLETHYLAMINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
METHYL METHANESULFONATE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODIETHYLAMINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ETHYL METHANESULFONATE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLOROETHANE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ACETOPHENONE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOPYRROLIDINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOMORPHOLINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
O-TOLUIDINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOPIPERIDINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
A,A-DIMETHYLPHENETHYLAMINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-DICHLOROPHENOL	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
HEXACHLOROPROPENE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODI-N-BUTYLAMINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
SAFROLE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4,5-TETRACHLOROBENZENE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ISOSAFROLE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-NAPHTHOQUINONE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLOROBENZENE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1-NAPHTHYLAMINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-NAPHTHYLAMINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,3,4,6-TETRACHLOROPHENOL	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
5-NITRO-O-TOLUIDINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
THIONAZIN	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DIPHENYLAMINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DIALLATE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
SULFOTEP	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PHORATE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PHENACETIN	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DIMETHOATE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PRONAMIDE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-PHENYLENEDIAMINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLORONITROBENZENE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DISULFOTON	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
METHYL PARATHION	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-NITROQUINOLINE-1-OXIDE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ETHYL PARATHION	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
METHAPYRILENE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ISODRIN	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-AMINOBIPHENYL	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
CHLOROBENZILATE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
P-(DIMETHYLAMINO)AZOBENZENE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
KEPONE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3,3-DIMETHYLBENZIDINE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-ACETYLAMINOFLUORENE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
FAMPHUR	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	6 U	6 U	5 UJ	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
AROCLOR-1016	1.1 U	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	0.9 U	1.1 U	0.9 U	0.9 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR-1221	2.1 U	2.2 U	2.0 U	2.1 U	2.1 U	2.1 U	2.2 U	2.0 U	2.1 U	2.2 U	2.0 U	1.9 U	2.2 U	1.9 U	1.9 U	2.1 U	2.0 U	2.0 U	1.9 U	1.9 U
AROCLOR-1232	1.1 U	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	0.9 U	1.1 U	0.9 U	0.9 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR-1242	1.1 U	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	0.9 U	1.1 U	0.9 U	0.9 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR-1248	1.1 U	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	0.9 U	1.1 U	0.9 U	0.9 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR-1254	1.1 U	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	0.9 U	1.1 U	0.9 U	0.9 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR-1260	1.1 U	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	0.9 U	1.1 U	0.9 U	0.9 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U
NAPHTHALENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
ACENAPHTHYLENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
ACENAPHTHENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
FLUORENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
PHENANTHRENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
ANTHRACENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
FLUORANTHENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
PYRENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
BENZO[A]ANTHRACENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
CHRYSENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
BENZO[B]FLUORANTHENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
BENZO[K]FLUORANTHENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
BENZO[A]PYRENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
INDENO[1,2,3-CD]PYRENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
DIBENZ[A,H]ANTHRACENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
BENZO[G,H,I]PERYLENE	0.22 U	0.21 U	0.20 U	0.22 U	0.21 U	0.22 U	0.19 U	0.20 U	0.22 U	0.21 U	0.21 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
ALPHA-BHC	0.053 U	0.056 U	0.051 U	0.053 U	0.052 U	0.053 U	0.054 U	0.051 U	0.053 U	0.056 U	0.051 U	0.047 U	0.056 U	0.047 U	0.047 U	0.053 U	0.050 U	0.050 U	0.048 U	0.048 U
BETA-BHC	0.053 U	0.056 U	0.051 U	0.053 U	0.052 U	0.053 U	0.054 U	0.051 U	0.053 U	0.056 U	0.051 U	0.047 U	0.056 U	0.047 U	0.047 U	0.053 U	0.050 U	0.050 U	0.048 U	0.048 U
DELTA-BHC	0.053 U	0.056 U	0.051 U	0.053 U	0.052 U	0.053 U	0.054 U	0.051 U	0.053 U	0.056 U	0.051 U	0.047 U	0.056 U	0.047 U	0.047 U	0.053 U	0.050 U	0.050 U	0.048 U	0.048 U
GAMMA-BHC (LINDANE)	0.053 U	0.056 U	0.051 U	0.053 U	0.052 U	0.053 U	0.054 U	0.051 U	0.053 U	0.056 U	0.051 U	0.047 U	0.056 U	0.047 U	0.047 U	0.053 U	0.050 U	0.050 U	0.048 U	0.048 U
HEPTACHLOR	0.053 U	0.056 U	0.051 U	0.053 U	0.052 U	0.053 U	0.054 U	0.051 U	0.053 U	0.056 U	0.051 U	0.047 U	0.056 U	0.047 U	0.047 U	0.053 U	0.050 U	0.050 U	0.048 U	0.048 U
ALDRIN	0.053 U	0.056 U	0.051 U	0.053 U	0.052 U	0.053 U	0.054 U	0.051 U	0.053 U	0.056 U	0.051 U	0.047 U	0.056 U	0.047 U	0.047 U	0.053 U	0.050 U	0.050 U	0.048 U	0.048 U
HEPTACHLOR EPOXIDE	0.053 U	0.056 U	0.051 U	0.053 U	0.052 U	0.053 U	0.054 U	0.051 U	0.053 U	0.056 U	0.051 U	0.047 U	0.056 U	0.047 U	0.047 U	0.053 U	0.050 U	0.050 U	0.048 U	0.048 U
ENDOSULFAN I	0.053 U	0.056 U	0.051 U	0.053 U	0.052 U	0.053 U	0.054 U	0.051 U	0.053 U	0.056 U	0.051 U	0.047 U	0.056 U	0.047 U	0.047 U	0.053 U	0.050 U	0.050 U	0.048 U	0.048 U
DIELDRIN	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.094 U	0.11 U	0.094 U	0.094 U	0.11 U	0.099 U	0.10 U	0.096 U	0.096 U
4,4'-DDE	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.094 U	0.11 U	0.094 U	0.094 U	0.11 U	0.099 U	0.10 U	0.096 U	0.096 U
ENDRIN	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.094 U	0.11 U	0.094 U	0.094 U	0.11 U	0.099 U	0.10 U	0.096 U	0.096 U
ENDOSULFAN II	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.094 U	0.11 U	0.094 U	0.094 U	0.11 U	0.099 U	0.10 U	0.096 U	0.096 U
4,4'-DDD	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.094 U	0.11 U	0.094 U	0.094 U	0.11 U	0.099 U	0.10 U	0.096 U	0.096 U
ENDOSULFAN SULFATE	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.094 U	0.11 U	0.094 U	0.094 U	0.11 U	0.099 U	0.10 U	0.096 U	0.096 U
4,4'-DDT	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.094 U	0.11 U	0.094 U	0.094 U	0.11 U	0.099 U	0.10 U	0.096 U	0.096 U
METHOXYCHLOR	0.53 U	0.56 U	0.51 U	0.53 U	0.52 U	0.53 U	0.54 U	0.51 U	0.53 U	0.56 U	0.51 U	0.47 U	0.56 U	0.47 U	0.47 U	0.53 U	0.50 U	0.50 U	0.48 U	0.48 U
ENDRIN ALDEHYDE	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.10 U	0.094 U	0.11 U	0.094 U	0.094 U	0.11 U	0.099 U	0.10 U	0.096 U	0.096 U
CHLORDANE	0.53 U	0.56 U	0.51 U	0.53 U	0.52 U	0.53 U	0.54 U	0.51 U	0.53 U	0.56 U	0.51 U	0.47 U	0.56 U	0.47 U	0.47 U	0.53 U	0.50 U	0.50 U	0.48 U	0.48 U
TOXAPHENE	5.3 U	5.6 U	5.1 U	5.3 U	5.2 U	5.3 U	5.4 U	5.1 U	5.3 U	5.6 U	5.1 U	4.7 U	5.6 U	4.7 U	4.7 U	5.3 U	5.0 U	5.0 U	4.8 U	4.8 U
PYRIDINE	11 U	11 U	11 U	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
ANILINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODIMETHYLAMINE	11 U	11 U	11 U	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PHENOL	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-CHLOROPHENOL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,3-DICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-DICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-DICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
BENZYL ALCOHOL	11 U	11 U	11 U	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2-METHYLPHENOL	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROETHANE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
N-NITROSO-DI-N-PROPYLAMINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-METHYLPHENOL	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
ISOPHORONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-DIMETHYLPHENOL	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
BIS(2-CHLOROETHOXY)METHANE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-DICHLOROPHENOL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,2,4-TRICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-CHLOROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROBUTADIENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-CHLORO-3-METHYLPHENOL	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROCYCLOPENTADIENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4,6-TRICHLOROPHENOL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2,4,5-TRICHLOROPHENOL	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-CHLORONAPHTHALENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-NITROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
DIMETHYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3-NITROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-DINITROPHENOL	11 U	11 U	11 U	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
DIBENZOFURAN	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	11 U	11 U	11 U	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
DIETHYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-NITROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-DINITRO-2-METHYLPHENOL	11 U	11 U	11 U	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-BROMOPHENYL-PHENYLETHER	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
PENTACHLOROPHENOL	11 U	11 U	11 U	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
BUTYLBENZYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-DICHLOROBENZIDINE	11 U	11 U	11 U	11 U	11 U	10 U	9 U	9 U	11 U	11 U	10 U	9 U	9 U	9 U	9 U	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	2 U	2 U	2 U	2 U	24 U	2 U	2 U	2 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
DI-N-OCTYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-PICOLINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOMETHYLETHYLAMINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
METHYL METHANESULFONATE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODIETHYLAMINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ETHYL METHANESULFONATE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLOROETHANE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ACETOPHENONE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOPYRROLIDINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOMORPHOLINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
O-TOLUIDINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOPIPERIDINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
A,A-DIMETHYLPHENETHYLAMINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-DICHLOROPHENOL	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
HEXACHLOROPROPENE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODI-N-BUTYLAMINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
SAFROLE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4,5-TETRACHLOROBENZENE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ISOSAFROLE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-NAPHTHOQUINONE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLOROBENZENE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1-NAPHTHYLAMINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-NAPHTHYLAMINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,3,4,6-TETRACHLOROPHENOL	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
5-NITRO-O-TOLUIDINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
THIONAZIN	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DIPHENYLAMINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DIALLATE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
SULFOTEP	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PHORATE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PHENACETIN	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DIMETHOATE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PRONAMIDE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-PHENYLENEDIAMINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLORONITROBENZENE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DISULFOTON	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
METHYL PARATHION	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-NITROQUINOLINE-1-OXIDE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ETHYL PARATHION	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
METHAPYRILENE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ISODRIN	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-AMINOBIPHENYL	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
CHLOROBENZILATE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
P-(DIMETHYLAMINO)AZOBENZENE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
KEPONE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3,3-DIMETHYLBENZIDINE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-ACETYLAMINOFLUORENE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
FAMPHUR	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-D	0.22 U	0.22 U	0.20 U	0.21 U	0.22 U	0.22 U	0.22 U	0.21 U	0.22 U	0.19 U	0.21 U	0.22 U	0.22 U	0.20 U	0.21 U	0.20 U	0.19 U	0.21 U	0.20 U	0.19 U
2,4,5-TP	0.22 U	0.22 U	0.20 U	0.21 U	0.22 U	0.22 U	0.22 U	0.21 U	0.22 U	0.19 U	0.21 U	0.22 U	0.22 U	0.20 U	0.21 U	0.20 U	0.19 U	0.21 U	0.20 U	0.19 U
2,4,5-T	0.22 U	0.22 U	0.20 U	0.21 U	0.22 U	0.22 U	0.22 U	0.21 U	0.22 U	0.19 U	0.21 U	0.22 U	0.22 U	0.20 U	0.21 U	0.20 U	0.19 U	0.21 U	0.20 U	0.19 U
DINOSEB	0.22 U	0.22 U	0.20 U	0.21 U	0.22 U	0.22 U	0.22 U	0.21 U	0.22 U	0.19 U	0.21 U	0.22 U	0.22 U	0.20 U	0.21 U	0.20 U	0.19 U	0.21 U	0.20 U	0.19 U
HEXACHLOROPHENE	0.54 U	0.56 U	0.50 U	0.53 U	0.54 U	0.54 U	0.54 U	0.52 U	0.55 U	0.47 U	0.53 U	0.54 U	0.55 U	0.50 U	0.53 U	0.51 U	0.48 U	0.53 U	0.49 U	0.48 U

TABLE 6.1.4
SUMMARY OF PARAMETERS ANALYZED
THIRD QUARTER 2000 MONITORING EVENT
AMMUNITION BURNING GROUNDS

Location	03B02	03B04	03C02P2	03C03	03C04	03C07	03C08P2	03C09P2
Aquifer	ALLUVIUM	ALLUVIUM	BEECH CREEK	BEAVER BEND	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK
Matrix	GW	GW	GW	GW	GW	GW	GW	GW
Sample Number	AB023A00	AB043A00	AC02P23A00	AC033A00	AC043A00	AC073A00	AC08P23A00	AC09P23A00
SA Code	NORMAL	NORMAL	MS/MSD	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
Sample Date	9/7/2000	9/8/2000	9/18/2000	9/12/2000	9/13/2000	9/8/2000	9/13/2000	9/15/2000
VOLATILE ORGANIC COMPOUNDS (ug/l)								
VINYL CHLORIDE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
1,1-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
TRANS-1,2-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
CIS-1,2-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	16.00000	0.50000 U
TRICHLOROETHENE	0.50000 U	0.50000 U	11.00000	0.50000 U	0.50000 U	4.60000	66.00000 D	120.00000 D
CHLOROETHANE	0.50000 U	0.50000 U		0.50000 U	0.50000 U			
METHYLENE CHLORIDE	1.00000 U	1.00000 U		1.00000 U	1.00000 U			
1,1-DICHLOROETHANE	0.50000 U	0.50000 U		0.50000 U	0.50000 U			
CHLOROFORM	0.30000 U	0.30000 U		0.30000 U	0.30000 U			
1,1,1-TRICHLOROETHANE	0.50000 U	0.50000 U		0.50000 U	0.50000 U			
CARBON TETRACHLORIDE	0.30000 U	0.30000 U		0.30000 U	0.30000 U			
BENZENE	0.50000 U	0.50000 U		0.50000 U	0.50000 U			
1,2-DICHLOROETHANE	0.50000 U	0.50000 U		0.50000 U	0.50000 U			
TOLUENE	0.50000 U	0.50000 U		0.50000 U	0.50000 U			
ETHYLBENZENE	0.50000 U	0.50000 U		0.50000 U	0.50000 U			
TETRACHLOROETHENE	0.50000 U	0.50000 U		0.50000 U	0.50000 U			
XYLENE (TOTAL)	0.50000 U	0.50000 U		0.50000 U	0.50000 U			
EXPLOSIVES (ug/l)								
HMX	0.21999 U	0.87999 U	27	0.68 U	1.1 U	8	30	4 X
RDX	0.21999 U	0.87999 U	12	0.68 U	1.1 U	30	87	150 EDX
1,3,5-TRINITROBENZENE	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	0.93999 U	0.46 U
1,3-DINITROBENZENE	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	0.93999 U	0.46 U
TETRYL	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	0.93999 U	0.46 U
NITROBENZENE	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	0.93999 U	0.46 U
2,4,6-TRINITROTOLUENE	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	0.93999 U	0.46 U
4-AMINO-2,6-DINITROTOLUENE	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	3.4	0.46 U
2-AMINO-4,6-DINITROTOLUENE	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	2 P	0.46 U
2,6-DINITROTOLUENE	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	0.93999 U	1.3 PX
2,4-DINITROTOLUENE	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	0.93999 U	0.46 U
2-NITROTOLUENE	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	0.93999 U	0.46 U
4-NITROTOLUENE	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	0.93999 U	0.46 U
3-NITROTOLUENE	0.21999 U	0.87999 U	0.51999 U	0.68 U	1.1 U	0.63999 U	0.93999 U	0.46 U
NITROCELLULOSE IN WATER	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
PICRAMIC ACID	1.1 U	1.1 U		0.94999 U	1.1 U			
PICRIC ACID	1.1 U	1.1 U		0.94999 U	1.1 U			
2,4-DIAMINO-6-NITROTOLUENE	0.21999 U	0.87999 U		0.68 U	1.1 U			
2,6-DIAMINO-4-NITROTOLUENE	0.21999 U	0.87999 U		0.68 U	1.1 U			
TNX	0.21999 U	0.87999 U		0.68 U	1.1 U			
MNX	0.21999 U	0.87999 U		0.68 U	1.1 U			
3,5-DINITROANILINE	0.21999 U	0.87999 U		0.68 U	1.1 U			
4,4'-TN-AZOXY	0.21999 U	0.87999 U		0.68 U	1.1 U			
NITROGLYCERIN	2.2 U	8.8 U	5.2 U	6.8 U	11 U	6.4 U	9.4 U	4.5 U
PETN	1.1 U	4.4 U	2.6 U	3.3 U	5.4 U	3.1 U	4.6 U	2.2 U
METALS (ug/l)								
ANTIMONY	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ARSENIC	11.3	8.3	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
BARIUM	94.6	107	132	44.9	43.4	33.7	27.2	16.2
BERYLLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CADMIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CHROMIUM	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
COBALT	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
COPPER	2.2 U	2.2 U	2.2 U	3.8	4.1	2.2 U	2.2 U	2.2 U
IRON	12900	8120	245	111 U	111 U			
LEAD	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MANGANESE	1370	1950	16.7 U	16.7 U	16.7 U	16.7 U	245	34.4
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
SELENIUM	1.1 U	1.1 U	2.4 J	1.1 U	1.1 U	2.9	3	2.7
SILVER	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
ZINC	11.1 U	11.1 U	11.1 U	11.1 U	12.9	11.1 U	11.1 U	24.8
TIN	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
DISSOLVED METALS (ug/l)								
ANTIMONY (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ARSENIC (FILTERED)	12.3	7.9	1 U	1 U	1 U	1 U	1 U	1 U
BARIUM (FILTERED)	88.2	96.4	123	39.9	20.7	30.9	56.1	13.4
BERYLLIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CADMIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CALCIUM (FILTERED)	36500	18100	76200	1060	114000	75700	97800	55300
CHROMIUM (FILTERED)	5 U	5 U	7	6.1	7.4	6.5	7.8	5 U
COBALT (FILTERED)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
COPPER (FILTERED)	2 U	2 U	2 U	3.4	2 U	2 U	2 U	2 U
LEAD (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MAGNESIUM (FILTERED)	5580	3320	13700	1000 U	171000	39700	36000	12600
MANGANESE (FILTERED)	1250	1650	15 U	15 U	122	15 U	15 U	15 U
MERCURY (FILTERED)	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
POTASSIUM (FILTERED)	1080	1000 U	3660	1030	2820	2840	7480 J	1110
SELENIUM (FILTERED)	1 U	1 U	1.6	1 U	2.4	1.6	1 U	1.1
SILVER (FILTERED)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
SODIUM (FILTERED)	8020	5790	34900 J	221000 J	50100 J	20700 J	12400 J	4140
THALLIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
VANADIUM (FILTERED)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ZINC (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TIN (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MISCELLANEOUS INORGANICS (mg/l)								
CHLORIDE (CL) EPA 9056	3.3	1.4	80	1.4		8.6	11	4.9
SULFIDE AS S	1 U	1 U		1 U	1 U			
CYANIDE (METHOD 9012)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOTAL PHOSPHORUS AS P	0.11999	0.1 U	0.10999	0.1 U		0.1 U	0.1 U	0.15
SULFATE (SO4) EPA 9056	25	19	68	84		89	130	62
MISCELLANEOUS ORGANICS (mg/l)								
TOTAL ORGANIC CARBON	1 U	1 U	1 U	1 U		1 U	1 U	1 U
TOTAL ORGANIC HALOGENS	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.07	0.10999 J
DISSOLVED GASES								
METHANE (ug/l)	9.742	0.875		7.524	8.386			
ETHANE (ng/l)	95	<5		<5	20			
ETHENE (ng/l)	9	<5		<5	<5			

Location	03C10	03C11	03C12	03C12	03C15	03C17	03C20	03C25
Aquifer	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK
Matrix	GW	GW	GW	GW	GW	GW	GW	GW
Sample Number	AC103A00	AC113A00	AC123A00	FD09130001	AC153A00	AC173A00	AC203A00	AC253A00
SA Code	NORMAL	NORMAL	DUPLICATE	DUPLICATE	NORMAL	NORMAL	NORMAL	NORMAL
Sample Date	9/8/2000	9/15/2000	9/13-9/14 2000	9/13-9/14 2000	9/18/2000	9/12/2000	9/18/2000	9/7/2000
VOLATILE ORGANIC COMPOUNDS (ug/l)								
VINYL CHLORIDE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
1,1-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
TRANS-1,2-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	7.10000	0.50000 U
CIS-1,2-DICHLOROETHENE	0.50000 U	7.20000	0.60000	0.69999	0.50000 U	0.50000 U	100.00000	0.50000 U
TRICHLOROETHENE	68.00000 D	2300.00000 D	20.00000	20.00000	0.50000 U	0.50000 U	4500.00000 D	0.50000 U
CHLOROETHANE	0.50000 U	0.50000 U	0.50000 U	0.50000 U				0.50000 U
METHYLENE CHLORIDE	1.00000 U	28.00000 JD	1.00000 U	1.00000 U				1.00000 U
1,1-DICHLOROETHANE	0.50000 U	0.50000 U	0.50000 U	0.50000 U				0.50000 U
CHLOROFORM	2.00000	2.30000	0.30000 U	0.30000 U				0.30000 U
1,1,1-TRICHLOROETHANE	0.50000 U	0.50000 U	0.50000 U	0.50000 U				0.50000 U
CARBON TETRACHLORIDE	1.10000	0.30000 U	0.30000 U	0.30000 U				0.30000 U
BENZENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U				0.50000 U
1,2-DICHLOROETHANE	27.00000	0.50000 U	0.50000 U	0.50000 U				0.50000 U
TOLUENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U				0.50000 U
ETHYLBENZENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U				0.50000 U
TETRACHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U				0.50000 U
XYLENE (TOTAL)	0.50000 U	0.50000 U	0.50000 U	0.50000 U				0.50000 U
EXPLOSIVES (ug/l)								
HMX	8.8	8.1	37	31	0.76999 U	1.4 U	30	0.87999 U
RDX	120	35	15	12	0.76999 U	1.4 U	190	0.87999 U
1,3,5-TRINITROBENZENE	0.87 U	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	6.8	0.87999 U
1,3-DINITROBENZENE	0.87 U	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	1.2 U	0.87999 U
TETRYL	0.87 U	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	1.2 U	0.87999 U
NITROBENZENE	0.87 U	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	1.2 U	0.87999 U
2,4,6-TRINITROTOLUENE	0.87 U	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	1.2 U	0.87999 U
4-AMINO-2,6-DINITROTOLUENE	1 P	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	17	0.87999 U
2-AMINO-4,6-DINITROTOLUENE	0.87 U	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	12	0.87999 U
2,6-DINITROTOLUENE	0.87 U	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	1.2 U	0.87999 U
2,4-DINITROTOLUENE	0.87 U	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	1.2 U	0.87999 U
2-NITROTOLUENE	0.87 U	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	1.2 U	0.87999 U
4-NITROTOLUENE	0.87 U	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	1.2 U	0.87999 U
3-NITROTOLUENE	0.87 U	1.6 U	0.52999 U	0.52999 U	0.76999 U	1.4 U	1.2 U	0.87999 U
NITROCELLULOSE IN WATER	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
PICRAMIC ACID	1 U	1.1 U	0.95999 U	0.99 U				1.1 U
PICRIC ACID	1 U	1.1 U	0.95999 U	0.99 U				1.1 U
2,4-DIAMINO-6-NITROTOLUENE	0.87 U	1.6 U	0.52999 U	0.52999 U				0.87999 U
2,6-DIAMINO-4-NITROTOLUENE	0.87 U	1.6 U	0.52999 U	0.52999 U				0.87999 U
TNX	0.87 U	1.6 U	0.52999 U	0.52999 U				0.87999 U
MNX	3.1	1.6 U	0.52999 U	0.52999 U				0.87999 U
3,5-DINITROANILINE	0.87 U	1.6 U	0.52999 U	0.52999 U				0.87999 U
4,4'-TN-AZOXY	0.87 U	1.6 U	0.52999 U	0.52999 U				0.87999 U
NITROGLYCERIN	8.7 U	16 U	5.3 U	5.3 U	7.7 U	14 U	12 U	8.8 U
PETN	4.3 U	7.7 U	2.6 U	2.6 U	3.8 U	7 U	5.7 U	4.4 U
METALS (ug/l)								
ANTIMONY	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ARSENIC	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	2.3	1.1 U	1.1 U
BARIUM	48.5	24	40.1	126	24	13.8	33	18.9
BERYLLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CADMIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CHROMIUM	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
COBALT	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
COPPER	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
IRON	236	577	241	606				408
LEAD	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MANGANESE	16.7 U	16.7 U	29.9	19.4	39.5	113	16.7 U	26.1
MERCURY	0.2 U	0.2 U	0.37	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
SELENIUM	3.5	6.2	2.7	2.1	1.4	2	1.4	1.1 U
SILVER	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
ZINC	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	19.9	11.1 U	11.1 U
TIN	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
DISSOLVED METALS (ug/l)								
ANTIMONY (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ARSENIC (FILTERED)	1 U	1 U	1 U	1 U	1 U	2.5	1 U	1 U
BARIUM (FILTERED)	44.8	22.6	114	111	23.2	12.1	32.2	16.4
BERYLLIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CADMIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CALCIUM (FILTERED)	72800	172000	84600	86300	80600	153000	70500	83000
CHROMIUM (FILTERED)	6.1	7.9	5 U	5.1	6	8.2	5.1	5 U
COBALT (FILTERED)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
COPPER (FILTERED)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
LEAD (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MAGNESIUM (FILTERED)	10600	97400	9400	9280	40300	158000	27300	51400
MANGANESE (FILTERED)	15 U	15 U	15 U	15 U	34.3	95.5	15 U	22.7
MERCURY (FILTERED)	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
POTASSIUM (FILTERED)	1000 U	3170	2410	2410	1740	2700	1860	2390
SELENIUM (FILTERED)	1.4	2.8	1 U	1 U	1 U	1.5	1 U	1 U
SILVER (FILTERED)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
SODIUM (FILTERED)	6600	82600 J	23000 J	22100 J	24900 J	107000 J	11600	64000 J
THALLIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
VANADIUM (FILTERED)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ZINC (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TIN (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MISCELLANEOUS INORGANICS (mg/l)								
CHLORIDE (CL) EPA 9056	9.2	56	68	75	4.4	3.1	6	1.8
SULFIDE AS S	1 U	1 U	1 U	1 U				1 U
CYANIDE (METHOD 9012)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOTAL PHOSPHORUS AS P	0.1 U	0.1 U	0.11999	0.18	0.1 U	0.1 U	0.11999	0.1 U
SULFATE (SO4) EPA 9056	59	780	59	64	200	970	110	270
MISCELLANEOUS ORGANICS (mg/l)								
TOTAL ORGANIC CARBON	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U
TOTAL ORGANIC HALOGENS	0.07999	1.2 J	0.09 J	0.01999	0.01999 U	0.01999 UJ	0.69999 J	0.01999 U
DISSOLVED GASES								
METHANE (ug/l)	0.097	0.12	0.108	0.102				24.45
ETHANE (ng/l)	<5	41	<5	<5				52
ETHENE (ng/l)	<5	100	<5	<5				<5

Location	03C26	03C27	03C30	SPRING A	SPRING C	SPRING C	CREEK A	CREEK B	CREEK B
Aquifer	BEECH CREEK	BEECH CREEK	BEECH CREEK						
Matrix	GW	GW	GW						
Sample Number	AC263A00	AC273A00	AC303A00	ASPA3A00	ASPC3A00	FD09290001	ACRA3A00	ACRB3A00	FD09200001
SA Code	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	NORMAL	DUPLICATE	DUPLICATE
Sample Date	9/14/2000	9/12/2000	9/19/2000	9/29/2000	9/29/2000	9/29/2000	9/20/2000	9/20/2000	9/20/2000
VOLATILE ORGANIC COMPOUNDS (ug/l)									
VINYL CHLORIDE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
1,1-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
TRANS-1,2-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
CIS-1,2-DICHLOROETHENE	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
TRICHLOROETHENE	8.20000	3.80000	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
CHLOROETHANE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
METHYLENE CHLORIDE				1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
1,1-DICHLOROETHANE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
CHLOROFORM				0.30000 U	0.30000 U	0.30000 U	0.30000 U	0.30000 U	0.30000 U
1,1,1-TRICHLOROETHANE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
CARBON TETRACHLORIDE				0.30000 U	0.30000 U	0.30000 U	0.30000 U	0.30000 U	0.30000 U
BENZENE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
1,2-DICHLOROETHANE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
TOLUENE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
ETHYLBENZENE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
TETRACHLOROETHENE				0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000
XYLENE (TOTAL)				0.50000 U	0.50000 U	0.50000 U	1.00000 U	1.00000 U	1.00000 U
EXPLOSIVES (ug/l)									
HMX	0.41999 U	1.1 U	0.64999 U	8.90000	1.60000	1.60000	9.40000	6.90000	7.00000
RDX	0.51999	1.1 U	0.61000 U	9.20000	3.20000	3.20000	17.00000	11.00000	11.00000
1,3,5-TRINITROBENZENE	0.41999 U	1.1 U	0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
1,3-DINITROBENZENE	0.41999 U	1.1 U	0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
TETRYL	0.41999 U	1.1 U	0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
NITROBENZENE	0.41999 U	1.1 U	0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
2,4,6-TRINITROTOLUENE	0.41999 U	1.1 U	0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.91000	0.93999 U	1.10000 U
4-AMINO-2,6-DINITROTOLUENE	0.41999 U	1.1 U	0.64999 U	0.97000	0.34999 U	0.46999 U	1.40000	0.93999 U	1.10000 U
2-AMINO-4,6-DINITROTOLUENE	0.41999 U	1.1 U	0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 P	0.93999 U	1.10000 U
2,6-DINITROTOLUENE	0.41999 U	1.1 U	0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
2,4-DINITROTOLUENE	0.41999 U	1.1 U	0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
2-NITROTOLUENE	0.41999 U	1.1 U	0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
4-NITROTOLUENE	0.41999 U	1.1 U	0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
3-NITROTOLUENE	0.41999 U	1.1 U	0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
NITROCELLULOSE IN WATER	1000 U	1000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U
PICRAMIC ACID				1.10000 U	0.97000 U	0.99000 U	1.00000 U	1.10000 U	1.10000 U
PICRIC ACID				1.10000 U	0.97000 U	0.99000 U	1.00000 U	1.10000 U	1.10000 U
2,4-DIAMINO-6-NITROTOLUENE			0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
2,6-DIAMINO-4-NITROTOLUENE			0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
TNX			0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
MNX			0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
3,5-DINITROANILINE			0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
4,4'-TN-AZOXY			0.64999 U	0.92000 U	0.34999 U	0.46999 U	0.56999 U	0.93999 U	1.10000 U
NITROGLYCERIN	4.2 U	11 U	6.50000 U	9.20000 U	3.50000 U	4.70000 U	5.70000 U	9.40000 U	11.00000 U
PETN	2 U	5.3 U	3.20000 U	4.50000 U	1.70000 U	2.30000 U	2.80000 U	4.60000 U	5.60000 U
METALS (ug/l)									
ANTIMONY	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ARSENIC	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
BARIUM	60	38.4	66.3	102	61.1	62.9	127	129	126
BERYLLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CADMIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CHROMIUM	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
COBALT	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
COPPER	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
IRON			132	182	217	241	111	133	126
LEAD	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MANGANESE	16.7 U	16.7 U	16.7 U	16.7 U	16.7 U	16.7 U	16.7 U	28.9	30.7
MERCURY	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
SELENIUM	2.4	1.7	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
SILVER	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
ZINC	11.1 U	11.1 U	11.1 UN	15.7 N	12.4 N	11.1 UN	11.1 UN	12.3 N	60.8 N
TIN	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
DISSOLVED METALS (ug/l)									
ANTIMONY (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U	1 U
ARSENIC (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BARIUM (FILTERED)	38	35	60.6	97.7	59.8	59.6	128	128	124
BERYLLIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CADMIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U
CALCIUM (FILTERED)	78000	45200	54400	26800	26500	26900	36700	32400	32700
CHROMIUM (FILTERED)	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
COBALT (FILTERED)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
COPPER (FILTERED)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
LEAD (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MAGNESIUM (FILTERED)	44100	3010	31500	6380	5030	5090	7600	6940	6820
MANGANESE (FILTERED)	27.2	15 U	20.9	15 U	15 U	15 U	15 U	29.2	27.4
MERCURY (FILTERED)	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
POTASSIUM (FILTERED)	1570	1070	2240	2880	1210	1230	3020	2860	2940
SELENIUM (FILTERED)	1 U	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SILVER (FILTERED)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
SODIUM (FILTERED)	15800 J	5420	62300 J	3420	2920	2940	4050	3520	3580
THALLIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
VANADIUM (FILTERED)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ZINC (FILTERED)	10 U	10 U	10 U	10 U	30.2	10 U	10 U	10 U	10 U
TIN (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MISCELLANEOUS INORGANICS (mg/l)									
CHLORIDE (CL) EPA 9056	3.6	3	1.9	2.7	1 UJ	2.4	3.6	3.3	3.3
SULFIDE AS S				1 UJ	2.6	1 UJ	1 U	1 U	1 U
CYANIDE (METHOD 9012)	0.01 U	0.01 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U
TOTAL PHOSPHORUS AS P	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SULFATE (SO4) EPA 9056	120	10	120	27	1.3	22	1.1	31	1.4
MISCELLANEOUS ORGANICS (mg/l)									
TOTAL ORGANIC CARBON	1 U	1 U	1 U	1.6	23	1.8	32	1.2	34
TOTAL ORGANIC HALOGENS	0.01999 UJ	0.01999 UJ	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U
DISSOLVED GASES									
METHANE (ug/l)				0.119	0.077	0.104	3.619	0.200	3.348
ETHANE (ng/l)				<5	<5	<5	<5	<5	<5
ETHENE (ng/l)				<5	<5	<5	<5	<5	<5

TABLE 6.1.5
SUMMARY OF PARAMETERS ANALYZED
FOURTH QUARTER 2000 MONITORING EVENT
AMMUNITION BURNING GROUNDS

Location	03B02	03B04	03C02P2	03C03	03C04	03C07	03C08P2	03C09P2	03C09P2	03C10	03C11	03C12	03C15	03C17	03C20	03C25	03C26	03C27	03C30	SPRING A	SPRING C	CREEK A	CREEK B	CREEK B
Aquifer	ALLUVIUM	ALLUVIUM	BEECH CREEK	BEAVER BEND	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK	BEECH CREEK					
Matrix	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	SF	SF	SF	SF	SF
Sample Number	AB024A00	AB044A00	AC02P24A00	AC034A00	AC044A00	AC074A00	AC08P24A00	AC09P24A00	FD12010001	AC104A00	AC114A00	AC124A00	AC154A00	AC174A00	AC204A00	AC254A00	AC264A00	AC274A00	AC304A00	ASPA4A00	ASPC4A00	ACRA4A00	ACRB4A00	FD12120001
SA Code	NORMAL	NORMAL	MS/MSD	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	NORMAL	NORMAL	NORMAL	MS/MSD	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE
Sample Date	12/5/00	12/4/00	11/30/00	12/1/00	12/5/00-12/13/00	12/27/00	1/2/01	12/1/00	12/1/00	12/1/00	12/7/00	12/14/00	12/21/00	12/5/00	12/28/00	11/29/00	1/4/01	11/30/00	12/7/00	12/18/00	12/19/00	12/18/00	12/12/00	12/12/00
EXPLOSIVES (ug/l)																								
HMX	0.87999 U	1.4 U	4.5 P	1.4 U	1.5 U	4.8	33	5.4 X	5.1 X	9.8 X	7.4	41	0.46999 U	0.52999 U	29 X	0.64999 U	1.3 U	0.68 U	0.68 U	3	1.2 U	2	1.7	1.9
RDX	0.82999 U	1.3 U	0.79 U	1.3 U	1.4 U	19	92	170 DX	170 DX	130 DX	32	18	0.43999 U	0.5 U	180 DX	0.61 U	1.2 U	0.62999 U	0.62999 U	1.9	1.7	1.1 P	1.9 P	1.1
1,3,5-TRINITROBENZENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	1.2 U	0.99 U	0.87999 U	0.94999 U	0.83999 U	1 U	0.46999 U	0.52999 U	6.5 X	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
1,3-DINITROBENZENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	1.2 U	0.99 U	0.87999 U	0.94999 U	0.83999 U	1 U	0.46999 U	0.52999 U	1.1 U	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
TETRYL	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	1.2 U	0.99 U	0.87999 U	0.94999 U	0.83999 U	1 U	0.46999 U	0.52999 U	1.1 U	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
NITROBENZENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	1.2 U	0.99 U	0.87999 U	0.94999 U	0.83999 U	1 U	0.46999 U	0.52999 U	1.1 U	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
2,4,6-TRINITROTOLUENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	1.2 U	0.99 U	0.87999 U	0.94999 U	0.83999 U	1 U	0.46999 U	0.52999 U	1.1 U	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
4-AMINO-2,6-DINITROTOLUENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	4.2	0.99 U	0.87999 U	1.4 X	0.83999 U	1 U	0.46999 U	0.52999 U	16 X	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
2-AMINO-4,6-DINITROTOLUENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	2.7	0.99 U	0.87999 U	0.94999 U	0.83999 U	1 U	0.46999 U	0.52999 U	11 X	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
2,6-DINITROTOLUENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	1.2 U	1 X	1.1 X	0.94999 U	0.83999 U	1 U	0.46999 U	0.52999 U	2.2 PX	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
2,4-DINITROTOLUENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	1.2 U	0.99 U	0.87999 U	0.94999 U	0.83999 U	1 U	0.46999 U	0.52999 U	1.6 X	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
2-NITROTOLUENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	1.2 U	0.99 U	0.87999 U	0.94999 U	0.83999 U	1 U	0.46999 U	0.52999 U	1.1 U	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
4-NITROTOLUENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	1.2 U	0.99 U	0.87999 U	0.94999 U	0.83999 U	1 U	0.46999 U	0.52999 U	1.1 U	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
3-NITROTOLUENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U	0.83999 U	1.2 U	0.99 U	0.87999 U	0.94999 U	0.83999 U	1 U	0.46999 U	0.52999 U	1.1 U	0.64999 U	1.3 U	0.68 U	0.68 U	0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
NITROCELLULOSE IN WATER	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
PICRAMIC ACID	0.94999 U			0.99 U	1.1 U					2.2 P	1 U	1 U				1 U				0.97 U	0.97 U	0.98 U	0.93999 U	0.98 U
PICRIC ACID	0.94999 U			0.99 U	1.1 U					1 U	1 U	1 U				1 U				0.97 U	0.97 U	0.98 U	0.93999 U	0.98 U
2,4-DIAMINO-6-NITROTOLUENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U					0.94999 U	0.83999 U	1 U				0.64999 U				0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
2,6-DIAMINO-4-NITROTOLUENE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U					0.94999 U	0.83999 U	1 U				0.64999 U				0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
TNX	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U					0.94999 U	0.83999 U	1 U				0.64999 U				0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
MNX	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U					0.94999 U	0.83999 U	1 U				0.64999 U				0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
3,5-DINITROANILINE	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U					0.94999 U	0.83999 U	1 U				0.64999 U				0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
4,4'-TN-AZOXY	0.87999 U	1.4 U	0.83999 U	1.4 U	1.5 U					0.94999 U	0.83999 U	1 U				0.64999 U				0.73 U	1.2 U	0.97 U	0.93999 U	0.61 U
NITROGLYCERIN	8.8 U	14 U	8.4 U	14 U	15 U	8.4 U	12 U	9.9 U	8.8 U	9.5 U	8.4 U	10 U	4.7 U	5.3 U	11 U	6.5 U	13 U	6.8 U	6.8 U	7.3 U	12 U	9.8 U	9.4 U	6.1 U
PETN	4.4 U	7 U	4.2 U	7 U	7.4 U	4.2 U	6.1 U	4.9 U	4.4 U	4.7 U	4.2 U	5.1 U	2.3 U	2.6 U	5.6 U	3.2 U	6.4 U	3.3 U	3.3 U	3.6 U	6.1 U	4.8 U	4.6 U	3 U
DISSOLVED GASES																								
METHANE (ug/l)	11.20	8.359		3.944	1.907					0.153	790	0.208				0.208				0.122	0.102	0.365	0.616	1.075
ETHANE (ng/l)	96	26		0	0					0	131	0				0				0	0	0	0	0
ETHENE (ng/l)	25	0		0	0					0	154	0				0				0	0	0	0	0
METALS (ug/l)																								
ANTIMONY	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ARSENIC	10	8.1	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	2.3	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
BARIUM	97.5	104	70.3	45.2	26.9	32.6	71.8	15.1	15.2	47.1	23.7	111	25.6	13.1	34.3	18.1	42.6	37.2	54.7	51.4	39.2	49	46.2	49.1
BERYLLIUM	1.1 UN	1.1 UN	1.1 UN	1.1 UN	1.1 UN	1.1 U	1.1 U	1.1 UN	1.1 UN	1.1 UN	1.1 UN	1.1 UN	1.1 U	1.1 UN	1.1 U	1.1 UN	1.1 U	1.1 UN	1.1 UN	1.1 U	1.1 U	1.1 UN	1.1 U	1.1 UN
CADMIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CHROMIUM	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
COBALT	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
COPPER	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
IRON	13300	7880	211	111 U	454					258	527	318		1700		414	1.1 U			224	197	435	202	468
LEAD	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	20.9	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MANGANESE	1280	1570	16.7 U	16.7 U	82.6	16.7 U	16.7 U	16.7 U	16.7 U	16.7 U	16.7 U	16.7 U	33.2	97.6	16.7 U	22.3	0.2 U	16.7 U	25.4	16.7 U	16.7 U	16.7 U	16.7 U	16.7 U
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	11.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	1.2	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
SELENIUM	1.1 U	1.1 U	1.1 U	1.1 U	2.8	2.5	1.6	1.6	1.7	2.8	4.4	1.3	1.5	1.9	1.2	1.1 U	3.3 U	1.1 U	5.3	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
SILVER	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	1.1 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	2.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	11.1 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
ZINC	11.1 U	11.1 U	11.1 U	21.6	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	39.3	11.1 U	11.1 U	11.1 U	39.8	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
TIN	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U		11.1 U	44.4 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
DISSOLVED METALS (ug/l)																								
ANTIMONY (FILTERED)	1 UN	1 UN	1 UN	1 UN	1.8 N	1 U	1 U	1 UN	1 UN	1 UN	1 UN	1 UN	1 U	1 UN	1 U	1 UN	1 U	1 UN	1 UN	1 U	1.3	1 UN	1 U	1 UN
ARSENIC (FILTERED)	9.7 N	7.5 N	1 UN	1 UN	1 UN	1 U	1 U	1 UN	1 UN	1 UN	1 UN	1 UN	1 U	2.6 N	1 U	1 UN	1 U	1 UN	1 UN	1 U	1 U	1 UN	1 U	1 UN
BARIUM (FILTERED)	88.7 N	97 N	68.1 N	44.2 N	22.2 N	30.8	65.9	14.7 N	14.2 N	48.6 N	22.6 N	104 N	24.5	12.3 N	33.4	17.8 N	40	37.8 N	49.5 N	49.9	38.7	42.9 N	45.4	44.2 N
BERYLLIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CADMIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHROMIUM (FILTERED)	5 U	5 U	5 U	5 U	5 U	5 U	6.1	5 U	5 U	5	7.1	5 U	5 U	5.6	5 U	5 U	7	5 U	5 U	5 U	5 U	5 U	5 U	5 U
COBALT (FILTERED)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
COPPER (FILTERED)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
LEAD (FILTERED)	1 UN	1 UN	1 UN	1 UN	1 UN	1 U	1 U	1 UN	1 UN	1 UN	1 UN	1 UN	1 U	1 UN	1 U	1 UN	1 U	1 UN	1 UN	1 U	1 U	1 UN	1 U	1 UN
MANGANESE (FILTERED)	1120	1370	15 U	15 U	146	15 U	15 U	15 U	15 U	15 U	15 U	15 U	31.8	97	15 U	22	22.6	15 U	31.1	15 U	15 U	15 U	15 U	15 U
MERCURY (FILTERED)	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SELENIUM (FILTERED)	1 UN	1 UN	1 UN	1 UN	2.3 N	1.8 N	1 U	1.1 N	1.1 N	1.3 N	2.9 N	1 UN	1 UN	1.9 N	1 UN	1 UN	1 UN	1 UN	1 UN	1 UN	1 UN	1 UN	1 UN	1 UN
SILVER (FILTERED)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
THALLIUM (FILTERED)	1 UN	1 UN	1 UN	1 UN	1 UN	1 U	1 U	1 UN	1 UN	1 UN	1 UN	1 UN	1 U	1 UN	1 U	1 UN	1 U	1 UN	1 UN	1 U	1 U	1 UN	1 U	1 UN
VANADIUM (FILTERED)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ZINC (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TIN (FILTERED)	10 UN	10 UN	10 UN	10 UN	10 UN	10 U	10 U	10 UN	10 UN	10 UN	10 UN	10 UN	10 U	10 UN	10 U	10 UN	10 U	10 UN	10 UN	10 U	10 U	10 UN	10 U	10 UN
VOLATILE ORGANIC COMPOUNDS (ug/l)																								
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	9.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	19	0.5 U	0.5 U	0.5 U	8.4	0.89999	0.5 U	0.5 U	76 D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	0.5 U	0.5 U	2.9		0.5 U	5.9	67 D	130 D	130 D	68 D	2300 D	25	0.5 U	0.5 U	3500 D	0.5 U	9.6	3.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U			0.5 U					0.5 U	0.5 U	0.5 U				0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	1 U	1 U			1 U					1 U	33 JD	1 U				1 U				1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	0.5 U	0.5 U			0.5 U					0.5 U	0.5 U	0.5 U				0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.3 U	0.3 U			0.3 U					2.3	2.5	0.3 U				0.3 U				0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,1-TRICHLOROETHANE	0.5 U	0.5 U			0.5 U					0.5 U	0.5 U	0.5 U				0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.3 U	0.3 U			0.3 U					1.2	0.3 U	0.3 U				0.3 U				0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
BENZENE	0.5 U	0.5 U			0.5 U					0.5 U	0.5 U	0.5 U				0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5 U	0.5 U			0.5 U					26	0.5 U	0.5 U				0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TOLUENE	0.5 U	0.5 U			0.5 U					0.5 U	0.5 U	0.5 U				0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U			0.5 U					0.5 U	0.5 U	0.5 U				0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.5 U	0.5 U			0.5 U					0.5 U	0.5 U	0.5 U				0.5 U				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)	1 U	1 U			1 U					1 U	1 U	1 U				1 U				1 U	1 U	1 U	1 U	1 U
MISCELLANEOUS INORGANICS (mg/l)																								
SULFIDE AS S	1 U	1 U		1 U	1 U					1 U	1 UJ	1 U				1 U				1 U	1 U	1 U	1 UJ	1 UJ
CHLORIDE (CL) EPA 9056	3	1	22	2	6	6	14	5	5	9	52	45	5	3	6	2	4	3	2	2	2	2	2	1
CYANIDE (METHOD 9012)	0.01999 U	0.01999 UJ	0.01999 UJ	0.01999 UJ	0.01999 U	0.00999 U	0.00999 U	0.01999 UJ	0.01999 UJ	0.01999 UJ	0.01999 UJ	0.01999 UJ	0.00999 U	0.01999 U	0.00999 UJ	0.01999 U	0.00999 U	0.01999 UJ	0.01999 U	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.01999 UJ	0.01999 UJ
TOTAL PHOSPHORUS AS P	0.03999 U	0.02999	0.05999	0.76999	0.05	0.1 U	0.1 U	0.03999	0.05	0.05999	0.01999 U	1 U	0.1 U	0.01999 U	0.1 U	0.34999	0.1 U	0.02999	0.34	0.1 U	0.1 U	0.1 U	0.03999	0.14
SULFATE (SO4) EPA 9056	25	17	35	82	920	140	150	52	53	58 J	640	57	180	1000	130	190	110	8	140	28	23	22	20	20
MISCELLANEOUS ORGANICS (mg/l)																								
TOTAL ORGANIC CARBON	1.6	1.5	1.1	1.1		1.4	1.3	1.2	1.1	1.3	2	1.6	1 U	1.4	1.7	1 U	1.1	1 U	1.5	2	1.5	1.9	2.9	2.4
TOTAL ORGANIC HALOGENS	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.09	0.09	0.14	0.1	0.81	0.05 U	0.05 U	0.05 U	1.8	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DISSOLVED PHOSPHORUS (ug/l)																								
TOTAL PHOSPHORUS AS P	0.01999 U	0.02999	0.01999 U	0.01999 U	0.01999 U	0.1 U	0.1 U	0.02999	0.02999	0.01999 U	0.01999	0.82999	0.1 U	0.11999	0.11999	0.03999 U	0.1 U	0.02999	0.01999 U	0.1 U	0.17	0.1 U	0.05999	0.01999

*CALCIUM, MAGNESIUM, POTASSIUM, AND SODIUM WERE NOT SAMPLED FOR DURING THIS QUARTER

TABLE 6.2.1
SUMMARY OF PARAMETERS DETECTED AT LEAST ONCE
MONITORING EVENT FIRST QUARTER 2000
OLD RIFLE RANGE

00078406029

Location	06C08	06C11	06C11P2	06C11P2	06C12	06C13	06C13	06C13P2	06C14	06C14P2	06C15	06C16	06C18	06C18P2	06C19	06C19P2
Aquifer	Big Clifty/Beech Creek	Big Clifty/Beech Cree	Upper Big Clifty	Upper Big Clifty	Big Clifty/Beech Cree	Big Clifty/Beech Cree	Big Clifty/Beech Creek	Upper Big Clifty	Big Clifty/Beech Cree	Upper Big Clifty	Big Clifty/Beech Cree	Big Clifty/Beech Creek	Big Clifty/Beech Cree	Upper Big Clifty	Beech Creek	lluvium/ Upper Big Clif
Matrix	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE NUMBER	OC081A00	OC111A00	OC11P21A00	FD02230001	OC121A00	OC131A00	FD02280001	OC13P21A00	OC141A00	OC14P21A00	OC151A00	OC161A00	OC181A00	OC18P21A00	OC191A00	OC19P21A00
SA Code	Normal	Normal	Duplicate	Duplicate	Normal	Duplicate	Duplicate	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Sample Date	3/16/2000	2/24/2000	2/23/2000	2/23/2000	2/29/2000	2/28/2000	2/28/2000	2/28/2000	2/24/2000	2/24/2000	3/13/2000	2/16/00 and 3/6/00	2/22/2000	2/17/2000	2/25/2000	2/23/2000
EXPLOSIVES (ug/l)																
1,3,5-TRINITROBENZENE	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	1.30000 U	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
1,3-DINITROBENZENE	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	1.30000 U	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
2,4,6-TRINITROTOLUENE	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	7.80000 J	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
2,4-DINITROTOLUENE	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	1.30000 U	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
2,6-DINITROTOLUENE	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	1.30000 U	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
2-AMINO-4,6-DINITROTOLUENE	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	3.70000 PJ	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
2-NITROTOLUENE	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	1.30000 U	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
3-NITROTOLUENE	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	1.30000 U	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
4-AMINO-2,6-DINITROTOLUENE	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	4.30000 J	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
4-NITROTOLUENE	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	1.30000 U	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
HMX	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	1.30000 U	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
NITROBENZENE	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	1.30000 U	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
NITROCELLULOSE	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U			1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U
NITROGLYCERIN	8.60000 U	10.00000 U	4.50000 U	12.00000 U	4.90000 U	17.00000 U	10.00000 U	16.00000 U	4.50000 U	12.00000 U	13.00000 U	5.80000 U	6.20000 U	14.00000 U	6.60000 U	6.90000 U
PETN	4.20000 U	4.90000 U	2.20000 U	6.00000 U	2.40000 U	8.30000 U	5.00000 U	7.70000 U	2.20000 U	6.10000 U	6.40000 U	2.90000 U	3.10000 U	7.00000 U	3.30000 U	3.40000 U
PICRAMIC ACID		1.00000 U	0.99000 U	0.98000 U	1.00000 U	0.93999 U	1.00000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.00000 U	1.10000 U	1.00000 U	1.00000 U	1.10000 U
PICRIC ACID		1.00000 U			1.00000 U	0.93999 U	1.00000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U				1.00000 U	
RDX	0.81000 U	0.93999 U	0.43000 U	1.10000 U	0.46000 U	1.60000 U	0.94999 U	1.50000 U	0.43000 U	1.20000 U	1.20000 U	0.55000 U	0.58999 U	1.30000 U	0.62000 U	0.64999 U
TETRYL	0.86000 U	1.00000 U	0.46000 U	1.20000 U	0.49000 U	1.70000 U	1.00000 U	1.60000 U	0.46000 U	1.20000 U	1.30000 U	0.57999 U	0.62000 U	1.40000 U	0.66000 U	0.68999 U
METALS (ug/l)																
ANTIMONY	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
ARSENIC	1.70000	2.60000	2.00000	1.90000	1.10000 U	33.70000	33.10000	33.70000	1.60000	1.10000 U	1.10000 U	1.10000 U	2.20000	19.10000	1.60000	2.40000
BARIUM	59.10000	45.00000	38.40000	36.10000	39.30000	62.40000	58.80000	62.90000	30.10000	38.20000	28.90000	119.00000	120.00000	178.00000	39.80000	39.60000
BERYLLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CADMIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000	1.10000 U	1.10000 U
CHROMIUM	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	7.90000	5.60000 U	5.60000 U
COBALT	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
COPPER	2.20000 U	3.80000	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
IRON					609.00000						462.00000					
LEAD	1.10000 U	2.30000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.60000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
MANGANESE	16.70000 U	26.40000	153.00000	151.00000	400.00000	473.00000	552.00000	470.00000	486.00000	16.70000 U	32.10000	16.70000 U	144.00000	556.00000	240.00000	121.00000
MERCURY	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U
NICKEL	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
SELENIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.40000	1.40000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.30000	1.10000 U	1.10000 U
SILVER	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
THALLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
TIN	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
VANADIUM	2.20000	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.60000	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
ZINC	35.80000	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	23.70000	12.10000	16.70000	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
DISSOLVED METALS (ug/l)																
ANTIMONY	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
ARSENIC	2.00000	2.30000	1.10000 U	1.10000 U	1.10000 U	22.00000	33.00000	22.60000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	2.00000	19.00000	1.40000	2.00000
BARIUM	39.40000	45.90000	36.40000	35.80000	40.10000	61.20000	55.80000	54.10000	26.80000	38.40000	26.40000	109.00000	112.00000	160.00000	41.90000	37.20000
BERYLLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CADMIUM	1.10000 U*	1.10000 U*	1.10000 U*	1.10000 U*	1.20000	1.10000	1.30000	1.20000	1.10000 U	1.10000 U	1.10000 U	1.10000 U*	1.10000 U*	1.70000 *	1.10000 U	1.10000 U*
CALCIUM		10200.00000			93700.00000	24100.00000	19300.00000	25000.00000	52000.00000	10800.00000	26100.00000				37600.00000	
CHROMIUM	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U
COBALT	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
COPPER	2.20000 U	3.10000	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
LEAD	1.10000 U	1.60000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
MAGNESIUM		2340.00000			13800.00000	6480.00000	5220.00000	6600.00000	6010.00000	3670.00000	9360.00000				6510.00000	
MANGANESE	16.70000 U	23.90000	155.00000	153.00000	396.00000	451.00000	553.00000	467.00000	432.00000	16.70000 U	16.70000 U	16.70000 U	148.00000	557.00000	242.00000	129.00000
MERCURY	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U
NICKEL	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
POTASSIUM		1110.00000 U			1110.00000 U	1110.00000 U	1110.00000 U	1110.00000 U	1110.00000 U	1110.00000 U	1110.00000 U				1110.00000 U	
SELENIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.80000	1.10000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000	1.10000 U	1.10000 U
SILVER	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
SODIUM					4990.00000	30500.00000	32100.00000	30800.00000	10200.00000	6060.00000	8870.00000				24300.00000	
THALLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
TIN	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
VANADIUM	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
ZINC	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	91.60000	11.10000 U	11.10000 U	11.10000 U	29.00000	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
MISCELLANEOUS (mg/l)																
AMMONIA	0.09000	0.18999	0.05999	0.05000	0.15999	0.31000	0.31999	0.28000	0.03999 J	0.00999 U	0.00999 U	0.30000	0.18999	1.00000	0.03999 J	0.05999
CYANIDE	0.10000 U	0.01000 U	0.01000 U	0.01000 U	0.01000 U	0.01000 U	0.01000 U	0.01000 U	0.01000 U	0.01000 U	0.10000 U	0.01000 U	0.01000 U	0.01000 U	0.01000 U	0.01000 U
TOTAL ORGANIC CARBON	1.00000 U	1.10000	1.00000 U	1.00000 U	1.00000 U	1.10000	1.30000	1.10000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	2.70000	1.40000	1.00000 U
TOTAL ORGANIC HALOGENS	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U

TABLE 6.2.2
SUMMARY OF PARAMETERS ANALYZED
SECOND QUARTER 2000 MONITORING EVENT
OLD RIFLE RANGE

Location	06C08	06C11	06C11P2	06C12	06C13	06C13P2	06C13P2	06C14	06C14P2	06C15	06C16	06C18	06C18	06C18P2	06C19	06C19P2
Aquifer	BC/BC	BC/BC	BIG CLIFTY	BC/BC	BC/BC	BIG CLIFTY	BIG CLIFTY	BC/BC	BIG CLIFTY	BC/BC	BC/BC	BC/BC	BC/BC	BIG CLIFTY	BEECH CREEK	BIG CLIFTY
Matrix	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
Sample Number	OC082A00	OC112A00	OC11P22A00	OC122A00	OC132A00	OC13P22A00	FD04190001	OC142A00	OC14P22A00	OC152A00	OC162A00	OC182A00	FD05080001	OC18P22A00	OC192A00	OC19P22A00
SA Code	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	NORMAL	NORMAL	NORMAL
Sample Date	5/18/00	5/4-5/2000	5/2/00	4/27/00	4/18/00	4/19/00	4/19/00	4/24/00	4/25/00	4/26/00	5/18/00	5/8/00	5/8/00	5/9/00	5/23/00	5/22/00
VOLATILE ORGANIC COMPOUNDS (ug/l)																
VINYL CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
1,1-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,1-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
BENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
M,P-XYLENE	1.0 U	1.0 U	1.0 U								1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	1.0 U	1.0 U	1.0 U								1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2,2-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROPROPANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMOETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROPROPANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ACETONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-METHYL-2-PENTANONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,3-TRICHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)				1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U						
VINYL ACETATE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
IODOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ACRYLONITRILE	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
TRANS-1,4-DICHLORO-2-BUTENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACROLEIN	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ALLYL CHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROPRENE	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
METHACRYLONITRILE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYL METHACRYLATE	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHYL METHACRYLATE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ACETONITRILE	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
PROPIONITRILE	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
ISOBUTYL ALCOHOL	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
1,4-DIOXANE	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
EXPLOSIVES (ug/l)																
HMX	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	1.6 U	1.3 U	1.3 U	0.60 U	0.88 U	1.10 U	0.77 U
RDX	0.67 U	0.68 U	0.52 U	0.39 U	0.82 U	0.55 U	0.66 U	0.57 U	0.44 U	1.5 U	1.20 U	1.20 U	0.56 U	0.83 U	1.0 U	0.72 U
1,3,5-TRINITROBENZENE	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	1.6 U	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
1,3-DINITROBENZENE	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	1.6 U	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
TETRYL	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	1.6 U	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
NITROBENZENE	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	1.6 U	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
2,4,6-TRINITROTOLUENE	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	6.5 P	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
4-AMINO-2,6-DINITROTOLUENE	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	3.6 P	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
2-AMINO-4,6-DINITROTOLUENE	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	3.4	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
2,6-DINITROTOLUENE	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	1.6 U	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
2,4-DINITROTOLUENE	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	1.6 U	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
2-NITROTOLUENE	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	1.6 U	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
4-NITROTOLUENE	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	1.6 U	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
3-NITROTOLUENE	0.71 U	0.73 U	0.56 U	0.42 U	0.87 U	0.58 U	0.70 U	0.61 U	0.47 U	1.6 U	1.30 U	1.30 U	0.60 U	0.88 U	1.1 U	0.77 U
NITROCELLULOSE IN WATER	1000.00 U	1000.00 U	2500.00	1000 U	2000 U	2000 U	1000 U	1000 U	1000 U	1000 U	1000.00 U	1000.00 U	1000.00 U	3000.00 U		1000 U
PICRIC ACID	1.10 U	0.94 U	1.10 U	1.1 U	1.0 U	0.99 U	1.0 U	1.1 U	1.0 U	1.1 U	1.10 U	1.10 U	1.10 U	1.00 U	1.1 U	1.1 U
PICRAMIC ACID	1.10 U	0.94 U	1.10 U	1.1 U	1.0 U	0.99 U	1.0 U	1.1 U	1.0 U	1.1 U	1.10 U	1.10 U	1.10 U	1.00 U	1.1 U	1.1 U
2,6-DIAMINO-4-NITROTOLUENE																
2,4-DIAMINO-6-NITROTOLUENE																
TNX																
MNX																
3,5-DINITROANILINE																
4,4'-TN-AZOXY																
NITROGLYCERIN	7.2 U	7.3 U	5.6 U	4.2 U	8.7 U	5.8 U	7.0 U	6.1 U	4.7 U	16 U	13 U	13 U	6.0 U	8.8 U	11 U	7.7 U
PETN	3.50000 U	3.60000 U	2.80000 U	2.0 U	4.3 U	2.9 U	3.5 U	3.0 U	2.3 U	7.7 U	6.40000 U	6.50000 U	2.90000 U	4.40000 U	5.2 U	3.8 U
METALS (ug/l)																
ANTIMONY	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ARSENIC	1.70	1.30	1.10 U	1.1 U	29.6	34.8	34.3	1.2	1.1 U	1.1 U	1.10 U	2.10	2.10	16.70	1.1 U	3
BARIUM	53.30 E	58.90 E	29.30 E	42	64	63.1	62.7	28.9	39.1	28.7	106.00 E	103.00 E	107.00 E	150.00 E	44.3	40.9
BERYLLIUM	1.10 U	1.10 U	1.10 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.10 U	1.10 U	1.10 U	1.10 U	1.1 U	1.1 U
CADMIUM	1.10 U	1.10 U	1.10 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.10 U	1.10 U	1.10 U	1.50	1.1 U	1.1 U
CHROMIUM	5.60 U	5.60 U	5.60 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.60 U	5.60 U	5.60 U	5.60 U	5.6 U	5.6 U
COBALT	3.30 U	3.30 U	3.30 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.30 U	3.30 U	3.30 U	3.30 U	3.3 U	3.3 U
COPPER	2.40	2.20 U	2.20 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.20 U	2.20 U	2.20 U	2.20 U	2.2 U	2.2 U
IRON	1020.00	904.00	572.00								111.00 U	3520.00	3520.00	64500.00	1410	4690
LEAD	1.10 U	1.10 U	1.10 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1	1.1 U	1.1 U	1.10 U	1.10 U	1.10 U	1.10 U	1.1 U	1.1 U
MANGANESE	16.70 U	41.80	91.00	419	477 U	551	559	442	16.7 U	22.3	16.70 U	130.00	130.00	608.00	240	116
MERCURY	0.20 U	0.20 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.22 U
NICKEL	11.10 U	11.10 U	11.10 U	11.1 U	11.1	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.10 U	11.10 U	11.10 U	11.10 U	11.1 U	11.1 U
SELENIUM	1.10 U	1.10 U	1.10 U	1.1 U	2 U	1.7	2.2	1.8	1.1 U	1.1	1.10 U	1.10 U	1.10 U	2.60	1.1 U	1.1 U
SILVER	3.30 U	3.30 U	3.30 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.30 U	3.30 U	3.30 U	3.30 U	3.3 U	3.3 U
THALLIUM	1.10 U	1.10 U	1.10 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.10 U	1.10 U	1.10 U	1.10 U	1.1 U	1.1 U
VANADIUM	2.60	2.20 U	2.20 U	2.2 U	2.2 U	2.2 U	2.2 U	2.4	2.2 U	2.2 U	2.20 U	2.20 U	2.20 U	2.20 U	2.2 U	2.2 U
ZINC	43.40	11.10 U	11.10 U	11.1 U	11.1 U	11.1 U	23	27.4	11.1 U	24.8	11.10 U	54.20	11.10 U	11.10 U	11.1 U	11.1 U
TIN	11.10 U	11.10 U	11.10 U	11.1 U	11.1	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.10 U	11.10 U	11.10 U	11.10 U	11.1 U	11.1 U
DISSOLVED METALS (ug/l)																
ANTIMONY (FILTERED)	2.1	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2	1 U
ARSENIC (FILTERED)	1.9	1.1 U	1.1 U	1.1 UN	22.1 N	31.9 N	33 N	1.1 UN	1.1 UN	1.1 UN	1.1 U	1.9	1.9	16.6	2.1	1.1
BARIUM (FILTERED)	38.8	47.4	29.9	42.1	58.3	60.8	60.4	25.4	39.1	27.4	108	100	106	147	38.8	45.5
BERYLLIUM (FILTERED)	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1 U
CADMIUM (FILTERED)	1.2	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1 U
CHROMIUM (FILTERED)	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5 U	5 U
COBALT (FILTERED)	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3 U	3 U
COPPER (FILTERED)	2.3	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U		2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2 U	2 U
IRON (FILTERED)																
LEAD (FILTERED)	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1 U
MANGANESE (FILTERED)	16.7 U	42.9	88.3	411	456	555	557	415	16.7 U	16.7 U	16.7 U	127	129	607	248	120
MERCURY (FILTERED)	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL (FILTERED)	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	10 U	10 U
SELENIUM (FILTERED)	1.1 U	1.1 U	1.1 U	1.1 U	2.1	2	2.6	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	2.4	1 U	1 U
SILVER (FILTERED)	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3 U	3 U
THALLIUM (FILTERED)	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1 U
VANADIUM (FILTERED)	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2 U	2 U
ZINC (FILTERED)	19.5	15.5	11.1 U	11.1 U	11.1 U	347	165	11.2	11.1 U	11.1 U	13.4	11.1 U	11.1 U	30.9	10 U	10 U
TIN (FILTERED)	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	10 U	10 U
MISCELLANEOUS INORGANICS (mg/l)																
SULFIDE AS S	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.99000	1 U	1 U
CYANIDE (METHOD 9012)	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	2.3	0.005 U	0.005 U
AMMONIA AS N (EPA 350.1)	0.09000	0.14000	0.03	0.11	0.29	0.31	0.31	0.01 U	0.01 U	0.01 U	0.30	0.18999	0.18999	1 U	0.01	0.06
MISCELLANEOUS ORGANICS (mg/l)																
TOTAL ORGANIC CARBON	1.6	1.0 U	1.0 U	1.0 U	1.2	1.2	1.4	1.0 UN	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.010 U	1.0 U	1.0 U
TOTAL ORGANIC HALOGENS	0.02 U	0.02 U	0.02 U	0.02 U	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02	0.02 U

TABLE 6.2.3
SUMMARY OF PARAMETERS ANALYZED
SECOND QUARTER 2000 MONITORING EVENT
APPENDIX IX: OLD RIFLE RANGE

	OC11P22A00	OC112A00	OC182A00	FD05080001	OC18P22A00	OC162A00	OC082A00	OC132A00	OC13P22A00	FD04190001	OC142A00	OC14P22A00	OC152A00	OC122A00
NAPHTHALENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
ACENAPHTHYLENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
ACENAPHTHENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
FLUORENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
PHENANTHRENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
ANTHRACENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
FLUORANTHENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
PYRENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
BENZO[A]ANTHRACENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
CHRYSENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
BENZO[B]FLUORANTHENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
BENZO[K]FLUORANTHENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
BENZO[A]PYRENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
INDENO[1,2,3-CD]PYRENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
DIBENZ[A,H]ANTHRACENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
BENZO[G,H,I]PERYLENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
PYRIDINE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
ANILINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODIMETHYLAMINE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-CHLOROPHENOL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,3-DICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-DICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-DICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
BENZYL ALCOHOL	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2-METHYLPHENOL	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROETHANE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
N-NITROSO-DI-N-PROPYLAMINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-METHYLPHENOL	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
ISOPHORONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-DIMETHYLPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
BIS(2-CHLOROETHOXY)METHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-DICHLOROPHENOL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,2,4-TRICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-CHLOROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROBUTADIENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-CHLORO-3-METHYLPHENOL	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROCYCLOPENTADIENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4,6-TRICHLOROPHENOL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2,4,5-TRICHLOROPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-CHLORONAPHTHALENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-NITROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
DIMETHYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3-NITROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-DINITROPHENOL	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
DIBENZOFURAN	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
DIETHYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-NITROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-DINITRO-2-METHYLPHENOL	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
2-METHYLNAPHTHALENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-BROMOPHENYL-PHENYLETHER	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
PENTACHLOROPHENOL	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
DI-N-BUTYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
BUTYLBENZYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-DICHLOROBENZIDINE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	2 JB	2 U	7 U	2 U	2 U	2 U	2 U	2 U	5	13	2 U	2 U	2 U	2 U
DI-N-OCTYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
METHYL METHANESULFONATE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
ETHYL METHANESULFONATE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
SAFROLE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
DIALLATE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
PRONAMIDE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
ISODRIN	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
CHLOROBENZILATE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
ISOSAFROLE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
ARAMITE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
KEPONE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
3-METHYLCHLORANTHRENE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
2-PICOLINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOMETHYLETHYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODIETHYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ACETOPHENONE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOPYRROLIDINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOMORPHOLINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
O-TOLUIDINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOPIPERIDINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
A,A-DIMETHYLPHENETHYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-DICHLOROPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
HEXACHLOROPROPENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODI-N-BUTYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DISULFOTON	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4,5-TETRACHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-NAPHTHOQUINONE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1-NAPHTHYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-NAPHTHYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,3,4,6-TETRACHLOROPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
5-NITRO-O-TOLUIDINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
THIONAZIN	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DIPHENYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
SULFOTEP	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PHORATE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PHENACETIN	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DIMETHOATE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-PHENYLENEDIAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLORONITROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
METHYL PARATHION	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-NITROQUINOLINE-1-OXIDE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ETHYL PARATHION	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
METHAPYRILENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-AMINOBIPHENYL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
P-(DIMETHYLAMINO)AZOBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3,3-DIMETHYLBENZIDINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-ACETYLAMINOFLUORENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
FAMPHUR	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
7,12-DIMETHYLBENZ(A)ANTHRACENE								5 U	5 U	5 U	5 U	5 U	5 U	5 U
AROCLOR-1016	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR-1221	2.2 U	2.0 U	2.1 U	2.1 U	2.1 U	2.2 U	2.2 U	2.0 U	2.0 U	2.0 U	2.1 U	2.1 U	2.1 U	2.0 U
AROCLOR-1232	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR-1242	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR-1248	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR-1254	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR-1260	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ALPHA-BHC	0.056 U	0.049 U	0.052 U	0.052 U	0.052 U	0.054 U	0.056 U	0.051 U	0.050 U	0.050 U	0.052 U	0.052 U	0.052 U	0.051 U
BETA-BHC	0.056 U	0.049 U	0.052 U	0.052 U	0.052 U	0.054 U	0.056 U	0.051 U	0.050 U	0.050 U	0.052 U	0.052 U	0.052 U	0.051 U
DELTA-BHC	0.056 U	0.049 U	0.052 U	0.052 U	0.052 U	0.054 U	0.056 U	0.051 U	0.050 U	0.050 U	0.052 U	0.052 U	0.052 U	0.051 U
GAMMA-BHC (LINDANE)	0.056 U	0.049 U	0.052 U	0.052 U	0.052 U	0.054 U	0.056 U	0.051 U	0.050 U	0.050 U	0.052 U	0.052 U	0.052 U	0.051 U
HEPTACHLOR	0.056 U	0.049 U	0.052 U	0.052 U	0.052 U	0.054 U	0.056 U	0.051 U	0.050 U	0.050 U	0.052 U	0.052 U	0.052 U	0.051 U
ALDRIN	0.056 U	0.049 U	0.052 U	0.052 U	0.052 U	0.054 U	0.056 U	0.051 U	0.050 U	0.050 U	0.052 U	0.052 U	0.052 U	0.051 U
HEPTACHLOR EPOXIDE	0.056 U	0.049 U	0.052 U	0.052 U	0.052 U	0.054 U	0.056 U	0.051 U	0.050 U	0.050 U	0.052 U	0.052 U	0.052 U	0.051 U
GAMMA-CHLORDANE								0.051 U	0.050 U	0.050 U	0.052 U	0.052 U	0.052 U	0.051 U
ALPHA-CHLORDANE								0.051 U	0.050 U	0.050 U	0.052 U	0.052 U	0.052 U	0.051 U
ENDOSULFAN I	0.056 U	0.049 U	0.052 U	0.052 U	0.052 U	0.054 U	0.056 U	0.051 U	0.050 U	0.050 U	0.052 U	0.052 U	0.052 U	0.051 U
DIELDRIN	0.11 U	0.098 U	0.10 U	0.10 U	0.10 U	0.11 U	0.11 U	0.10 U	0.099 U	0.099 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.11 U	0.098 U	0.10 U	0.10 U	0.10 U	0.11 U	0.11 U	0.10 U	0.099 U	0.099 U	0.10 U	0.10 U	0.10 U	0.10 U
ENDRIN	0.11 U	0.098 U	0.10 U	0.10 U	0.10 U	0.11 U	0.11 U	0.10 U	0.099 U	0.099 U	0.10 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN II	0.11 U	0.098 U	0.10 U	0.10 U	0.10 U	0.11 U	0.11 U	0.10 U	0.099 U	0.099 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDD	0.11 U	0.098 U	0.10 U	0.10 U	0.10 U	0.11 U	0.11 U	0.10 U	0.099 U	0.099 U	0.10 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN SULFATE	0.11 U	0.098 U	0.10 U	0.10 U	0.10 U	0.11 U	0.11 U	0.10 U	0.099 U	0.099 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.11 U	0.098 U	0.10 U	0.10 U	0.10 U	0.11 U	0.11 U	0.10 U	0.099 U	0.099 U	0.10 U	0.10 U	0.10 U	0.10 U
METHOXYCHLOR	0.56 U	0.49 U	0.52 U	0.52 U	0.52 U	0.54 U	0.56 U	0.51 U	0.50 U	0.50 U	0.52 U	0.52 U	0.52 U	0.51 U
ENDRIN ALDEHYDE	0.11 U	0.098 U	0.10 U	0.10 U	0.10 U	0.11 U	0.11 U	0.10 U	0.099 U	0.099 U	0.10 U	0.10 U	0.10 U	0.10 U
ENDRIN KETONE								0.10 U	0.099 U	0.099 U	0.10 U	0.10 U	0.10 U	0.10 U
TOXAPHENE	5.6 U	4.9 U	5.2 U	5.2 U	5.2 U	5.4 U	5.6 U	5.1 U	5.0 U	5.0 U	5.2 U	5.2 U	5.2 U	5.1 U
NAPHTHALENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
ACENAPHTHYLENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
ACENAPHTHENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
FLUORENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
PHENANTHRENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
ANTHRACENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
FLUORANTHENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
PYRENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
BENZO[A]ANTHRACENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
CHRYSENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
BENZO[B]FLUORANTHENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
BENZO[K]FLUORANTHENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
BENZO[A]PYRENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
INDENO[1,2,3-CD]PYRENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
DIBENZ[A,H]ANTHRACENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
BENZO[G,H,I]PERYLENE	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.21 U	0.22 U	0.19 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.22 U
PYRIDINE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
ANILINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODIMETHYLAMINE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-CHLOROPHENOL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,3-DICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-DICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-DICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
BENZYL ALCOHOL	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2-METHYLPHENOL	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROETHANE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
N-NITROSO-DI-N-PROPYLAMINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-METHYLPHENOL	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
ISOPHORONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-DIMETHYLPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
BIS(2-CHLOROETHOXY)METHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-DICHLOROPHENOL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
1,2,4-TRICHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-CHLOROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROBUTADIENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-CHLORO-3-METHYLPHENOL	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROCYCLOPENTADIENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4,6-TRICHLOROPHENOL	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2,4,5-TRICHLOROPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-CHLORONAPHTHALENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-NITROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
DIMETHYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3-NITROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-DINITROPHENOL	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
DIBENZOFURAN	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
DIETHYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-NITROANILINE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-DINITRO-2-METHYLPHENOL	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
2-METHYLNAPHTHALENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-BROMOPHENYL-PHENYLETHER	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
HEXACHLOROBENZENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
PENTACHLOROPHENOL	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
DI-N-BUTYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
BUTYLBENZYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-DICHLOROBENZIDINE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	2 U	2 U	7 U	2 U	2 U	2 U	2 U	2 U	5 U	13 U	2 U	2 U	2 U	2 U
DI-N-OCTYLPHTHALATE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
METHYL METHANESULFONATE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
ETHYL METHANESULFONATE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
SAFROLE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
DIALLATE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
PRONAMIDE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
ISODRIN	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
CHLOROBENZILATE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
ISOSAFROLE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
ARAMITE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
KEPONE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
3-METHYLCHLORANTHRENE	11 U	10 U	10 U	11 U	10 U	10 U	11 U	9 U	9 U	9 U	11 U	11 U	10 U	10 U
2-PICOLINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOMETHYLETHYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODIETHYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ACETOPHENONE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOPYRROLIDINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOMORPHOLINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
O-TOLUIDINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSOPIPERIDINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
A,A-DIMETHYLPHENETHYLAMINE								5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-DICHLOROPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
HEXACHLOROPROPENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-NITROSODI-N-BUTYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4,5-TETRACHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-NAPHTHOQUINONE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1-NAPHTHYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-NAPHTHYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,3,4,6-TETRACHLOROPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
5-NITRO-O-TOLUIDINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
THIONAZIN	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DIPHENYLAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
SULFOTEP	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PHORATE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PHENACETIN	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DIMETHOATE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-PHENYLENEDIAMINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PENTACHLORONITROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DISULFOTON	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
METHYL PARATHION	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-NITROQUINOLINE-1-OXIDE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ETHYL PARATHION	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
METHAPYRILENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-AMINOBIPHENYL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
P-(DIMETHYLAMINO)AZOBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3,3-DIMETHYLBENZIDINE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-ACETYLAMINOFLUORENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
FAMPHUR	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-D	0.19 U	0.21 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.20 U	0.20 U	0.21 U	0.21 U	0.20 U	0.21 U	0.21 U
2,4,5-TP	0.19 U	0.21 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.20 U	0.20 U	0.21 U	0.21 U	0.20 U	0.21 U	0.21 U
2,4,5-T	0.19 U	0.21 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.20 U	0.20 U	0.21 U	0.21 U	0.20 U	0.21 U	0.21 U
DINOSEB	0.19 U	0.21 U	0.19 U	0.19 U	0.20 U	0.21 U	0.21 U	0.20 U	0.20 U	0.21 U	0.21 U	0.20 U	0.21 U	0.21 U
HEXACHLOROPHENE	0.49 U	0.53 U	0.48 U	0.48 U	0.51 U	0.53 U	0.53 U	0.51 U	0.50 U	0.52 U	0.52 U	0.50 U	0.52 U	0.52 U

TABLE 6.2.4
SUMMARY OF PARAMETERS ANALYZED
THIRD QUARTER 2000 MONITORING EVENT
OLD RIFLE RANGE

Location	06C08	06C11	06C11P2	06C12	06C13	06C13P2	06C14	06C14	06C14P2	O6C15	06C16	06C18	06C18P2	06C18P2	06C19	06C19P2
Aquifer	BIG CLIFTY/ BEECH CREEK	UBC	UBC	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	UBC	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	UBC	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	UBC	UBC	BEECH CREEK	ALLUVIUM/ UBC
Matrix	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE NUMBER	OC083A00	OC113A00	OC11P23A00	OC123A00	OC133A00	OC13P23A00	OC143A00	FD08250001	OC14P23A00	OC153A00	OC163A00	OC183A00	OC18P23A00	FD08300001	OC193A00	OC19P23A00
SA Code	NORMAL	NORMAL	MS/MSD	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	NORMAL	NORMAL
Sample Date	9/1/00	8/15/00	8/31/00	8/17/00	8/29/00	8/29/00	8/25/00	8/25/00	8/29/00	8/29/00	9/1/00	8/30/00	8/30/00	8/30/00	8/14/00	8/14/00
EXPLOSIVES (ug/l)																
HMX	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	1.2 U	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
RDX	0.57999 UJ	0.89 U	0.21999 U	0.87 U	0.44999 U	0.47999 U	0.37 U	0.51999 U	0.3 U	1.1 U	1.1 U	1.3 U	0.62999 U	0.46 U	0.37999 U	0.62999 U
1,3,5-TRINITROBENZENE	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	1.2 U	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
1,3-DINITROBENZENE	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	1.2 U	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
TETRYL	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	1.2 U	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
NITROBENZENE	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	1.2 U	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
2,4,6-TRINITROTOLUENE	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	7.1	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
4-AMINO-2,6-DINITROTOLUENE	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	4.4	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
2-AMINO-4,6-DINITROTOLUENE	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	3.4	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
2,6-DINITROTOLUENE	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	1.2 U	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
2,4-DINITROTOLUENE	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	1.2 U	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
2-NITROTOLUENE	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	1.2 U	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
4-NITROTOLUENE	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	1.2 U	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
3-NITROTOLUENE	0.57999 UJ	0.95 U	0.23 U	0.92 U	0.47999 U	0.50999 U	0.38999 U	0.56 U	0.33 U	1.2 U	1.1 U	1.4 U	0.68 U	0.49 U	0.4 U	0.68 U
NITROCELLULOSE IN WATER	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 UJ	1000 UJ
PICRAMIC ACID	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1 UJ	1 UJ
PICRIC ACID	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1 UJ	1 UJ
NITROGLYCERIN	5.8 U	9.5 U	2.3 U	9.2 U	4.8 U	5.1 U	3.9 U	5.6 U	3.2 U	12 U	11 U	14 U	6.8 U	4.9 U	4 U	6.8 U
PETN	2.9 U	4.7 U	1.2 U	4.5 U	2.4 U	2.5 U	1.9 U	2.8 U	1.6 U	5.7 U	5.2 U	7 U	3.3 U	2.4 U	2 U	3.3 U
METALS (ug/l)																
ANTIMONY	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ARSENIC	1.5	1.1 U	1.1 U	1.1 U	31.1	35.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	2.2	18.9	18.6	1.3	2.4
BARIUM	49.9	61.6	33.6	40.8	69.9	68.1	29.3	30.3	42.6	31.4	127	114	159	156	43.1	38.9
BERYLLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CADMIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CHROMIUM	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
COBALT	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
COPPER	4.2	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	3	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
IRON											111 U					
LEAD	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MANGANESE	16.7 U	66.1	101	362	441	503	354	350	16.7 U	19.4	16.7 U	127	427	438	231	112
MERCURY	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.23	0.2 U	0.2 U	0.2 UJ	0.2 UJ
NICKEL	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
SELENIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.9	1.6	1.1	1.1	1.1 U	1.2	1.1 U	1.1	2.9	2.5	1.1 U	1.1 U
SILVER	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	2.2	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
ZINC	13.9	11.1 U	28.4	11.1 U	11.1 U	11.1 U	34.1	31.4	22.8	11.1 U	11.1 U	91.5	11.1 U	46.9	28.7	11.1 U
TIN	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
DISSOLVED METALS (ug/l)																
ANTIMONY (FILTERED)	1.2	1.4	1 U	1.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.2	1 U
ARSENIC (FILTERED)	1.8	1 U	1 U	1 U	29.6	39.4	1 U	1 U	1 U	1 U	1 U	2.5	23.2	22.8	1.3	2.5
BARIUM (FILTERED)	33.9	60.7	35.1	42	68.1	68.7	28.9	28.8	44	32.9	113	121	168	167	45.5	40.7
BERYLLIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CADMIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHROMIUM (FILTERED)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.3	5 U	5 U
COBALT (FILTERED)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
COPPER (FILTERED)	3.8	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	3.1	2 U	2 U	2 U	2 U	2 U
LEAD (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MANGANESE (FILTERED)	15 U	60.9	93.3	349	420	487	351	345	15 U	15 U	15 U	121	428	458	234	113
MERCURY (FILTERED)	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ
NICKEL (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SELENIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.7	1.4	1 U	1 U
SILVER (FILTERED)	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
THALLIUM (FILTERED)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
VANADIUM (FILTERED)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ZINC (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	18.1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TIN (FILTERED)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MISCELLANEOUS INORGANICS(mg/l)																
CYANIDE (METHOD 9012)	0.07999	0.00999 U	0.00999 U	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.27	0.00999 U	0.00999 U	0.00999 U	0.00999 UJ	0.00999 UJ
AMMONIA AS N (EPA 350.1)	0.01 U	0.11999	0.15	0.14	0.28999	0.3	0.15	0.00999 U	0.00999 U	0.00999 U	0.01 U	0.15999	0.82999	0.87	0.03999	0.05
MISCELLANEOUS ORGANICS(mg/l)																
TOTAL ORGANIC CARBON	1 U	1 U	1 U	1 U	1.3	1.2	1 U	1 U	1 U	1 U	1 U	1 U	2.4	2.8	1 U	1 U
TOTAL ORGANIC HALOGENS	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.03999	0.2 U	0.01999 U	0.07

TABLE 6.2.5
SUMMARY OF PARAMETERS ANALYZED
FOURTH QUARTER 2000 MONITORING EVENT
OLD RIFLE RANGE

Location	06C08	06C11	06C11P2	06C12	06C13	06C13P2	06C13P2	06C14	06C14	06C14P2	O6C15	06C16	06C18	06C18P2	06C19	06C19P2
Aquifer	BIG CLIFTY/ BEECH CREEK	UBC	UBC	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	UBC	UBC	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	UBC	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	UBC	BEECH CREEK	ALLUVIUM/ UBC
Matrix	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE NUMBER	OC084A00	OC114A00	OC11P24A00	OC124A00	OC134A00	OC13P24A00	FD11200001	OC144A00	FD11190001	OC14P24A00	OC154A00	OC164A00	OC184A00	OC18P24A00	OC194A00	OC19P24A00
SA Code	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	NORMAL	NORMAL	MS/MSD	NORMAL	NORMAL	NORMAL	NORMAL
Sample Date	11/14/00	11/28/00	11/27/00	10/31/01	11/21/00	11/20/00	11/20/00	11/19/00	11/19/00	11/20/00	11/17/00	11/17/00	11/21/00	11/21/00	10/27/00	10/30/00
EXPLOSIVES (ug/l)																
HMX	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	1.4 U	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
RDX	0.5 U	0.68 U	1.1 U	0.88999 U	0.44999 U	0.33 U	0.99 U	1.3 U	1.5 U	1.1 U	1.3 U	0.62999 U	0.85 U	0.89999 U	0.68 U	0.81 U
1,3,5-TRINITROBENZENE	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	1.4 U	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
1,3-DINITROBENZENE	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	1.4 U	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
TETRYL	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	1.4 U	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
NITROBENZENE	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	1.4 U	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
2,4,6-TRINITROTOLUENE	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	6.3	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
4-AMINO-2,6-DINITROTOLUENE	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	4.4	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
2-AMINO-4,6-DINITROTOLUENE	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	3.7	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
2,6-DINITROTOLUENE	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	1.4 U	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
2,4-DINITROTOLUENE	1.6 P	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	1.4 U	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
2-NITROTOLUENE	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	1.4 U	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
4-NITROTOLUENE	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	1.4 U	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
3-NITROTOLUENE	0.52999 U	0.73 U	1.1 U	0.94999 U	0.47999 U	0.34999 U	1.1 U	1.4 U	1.6 U	1.2 U	1.4 U	0.68 U	0.91 U	0.95999 U	0.73 U	0.86 U
NITROCELLULOSE IN WATER	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
PICRAMIC ACID	1.1 U	0.95999 U	1 U	1.1 U	1.1 U	1 U	0.99 U	1 U	1 U	1.1 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.1 U
PICRIC ACID	1.1 U	0.95999 U	1 U	1.1 U	1.1 U	1 U	0.99 U	1 U	1 U	1.1 U	4.5 P	1.1 U	1 U	1 U	1.1 U	1.1 U
NITROGLYCERIN	5.3 U	7.3 U	11 U	9.5 U	4.8 U	3.5 U	11 U	14 U	16 U	12 U	14 U	6.8 U	9.1 U	9.6 U	7.3 U	8.6 U
PETN	2.6 U	3.6 U	5.6 U	4.7 J	2.4 U	1.7 U	5.2 U	7 U	7.7 U	5.9 U	7 U	3.3 U	4.5 U	4.7 U	3.6 J	4.2 J
METALS (ug/l)																
ANTIMONY	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ARSENIC	1.4	1.1 U	1.1 U	1.1 U	30.7	33.3	32.7	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	2	19.7	1.2	2.3
BARIUM	45.5	69.2	35.5	35.9	63.2	61.3	61.5	26	25.8	39	29.5	106	102	160	41.3	35.9
BERYLLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CADMIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CHROMIUM	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
COBALT	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
COPPER	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
LEAD	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MANGANESE	16.7 U	75	95.3	307	399	454	437	273	283	16.7 U	19	16.7 U	117	444	207	109
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
SELENIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.7	1.1	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.8	1.1 U	1.1 U
SILVER	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
ZINC	11.1 U	11.1 U	11.1 U	17.4	11.1 U	11.1 U	11.1 U	207	36.2	11.1 U	104	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
TIN	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
DISSOLVED METALS (ug/l)																
ANTIMONY	1	1.4 N	1.4 N	1 U	1.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U
ARSENIC	1.6	1 U	1 U	1 U	29.8	38.2	37.2	1 U	1 U	1 U	1 U	1 U	2.2	24.3	1.3	2.3
BARIUM	33.1	64.6 N	34.5 N	36.6	59.8	61.1	59.4	23.7	23.3	39.3	28	108	109	159	41	35.9
BERYLLIUM	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CADMIUM	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHROMIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
COBALT	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
COPPER	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
LEAD	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MANGANESE	15 U	75.7	98.6	319	423	467	476	274	282	15 U	15 U	15 U	126	460	210	112
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SELENIUM	1 U	1 N	1 N	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5	1 U	1 U
SILVER	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
THALLIUM	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
VANADIUM	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ZINC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TIN	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MISCELLANEOUS INORGANICS (mg/l)																
CYANIDE (METHOD 9012)	0.01 U J	0.01999 U	0.01999 U	0.01 U	0.01 U J	0.01 U	0.01 U J	0.01 U J	0.01 U J	0.01 U J	0.01 U J	0.01 U J	0.01 U J	0.01 U J	0.01 U	0.01 U
AMMONIA AS N (EPA 350.1)	0.03999	0.07999	0.00999 U	0.11999	0.3	0.3	0.34	0.01999	0.00999 U	0.12999	0.00999 U	0.28	0.17	0.98	0.01999	0.03999
MISCELLANEOUS ORGANICS (mg/l)																
TOTAL ORGANIC CARBON	1.4	1 U	1 U	1 U	2.6	1.4	1.3	1 U	1 U	1 U	1 U	1 U	1 U	4.4	1.2 J	1 U
TOTAL ORGANIC HALOGENS	0.05 U J	0.05 U	0.05 U	0.01999 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.1 U	0.05 U	0.05 U	0.05 U	0.07	0.01999 U	0.01999 U

TABLE 6.3.2
SUMMARY OF PARAMETERS ANALYZED
THIRD QUARTER 2000 MONITORING EVENT
DEMOLITION RANGE

Location	06C02	06C02	06C03	06C03P2	06C04	06C04P2	06C05	06C05	06C06	06C06P2	06C07	06C08	06C08P2
Aquifer	LOWER PENN / BEECH CREEK	LOWER PENN/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	GOLCONDA/ HANEY	BIG CLIFTY/ BEECH CREEK	GOLCONDA/ HANEY	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	LOWER PENN/ BEECH CREEK	PENNSYLVANIAN	BEECH CREEK	BIG CLIFTY/ BEECH CREEK	PENNSYLVANIAN
Matrix	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
Sample Number	DC023A00	FD08090001	DC033A00	DC03P23A00	DC043A00	DC04P23A00	DC053B00	FD07290001	DC063A00	DC06P23A00	DC073A00	DC083A00	D08P23A00
SA Code	DUPLICATE	DUPLICATE	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	NORMAL	NORMAL	NORMAL	NORMAL	MS/MSD
Sample Date	8/9/00	8/9/00	8/10/00	8/10/00	8/1/00	8/1/00	7/29/00	7/29/00	7/31/00	7/31/00	7/18/00	8/7/00	8/3/00
DISSOLVED METALS (ug/l)													
ANTIMONY	1 U	1 U	1	1	1 U	1.2	1 U	1 U	1 U	1	1 U	1 U	1 U
ARSENIC	1 U	1 U	20.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.7	2
BARIUM	108	107	92.2	109	173	33.7	76.2	76.3	35	18.3	247	40.4	12.9
BERYLLIUM	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CADMIUM	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHROMIUM	5 U	7	5.9	6.2	6.8	10.4	7.2	7.6	5 U	5 U	5 U	8.5	5 U
COBALT	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	6.3
COPPER	2 U	2 U	2 U	2 U	2 U	2 U	2.4	2.4	2.4	2 U	2.2	3.2	2 U
LEAD	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MANGANESE	94.2	92.2	416	15.1	170	31.8	15 U	15 U	38	15 U	15 U	15 U	486
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	23.3
SELENIUM	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SILVER	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
THALLIUM	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
VANADIUM	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
ZINC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	36.3
TIN	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
EXPLOSIVES (ug/l)													
HMX	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
RDX	0.75999 U	1.10000 U	1.00000 U	0.55000	0.61000 U	0.27000 U	0.68000 U	1.00000 U	1.10000 U	0.81999 U	1.00000 U	0.28999 U	0.49000 U
1,3,5-TRINITROBENZENE	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
1,3-DINITROBENZENE	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
TETRYL	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
NITROBENZENE	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
2,4,6-TRINITROTOLUENE	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
4-AMINO-2,6-DINITROTOLUENE	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
2-AMINO-4,6-DINITROTOLUENE	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
2,6-DINITROTOLUENE	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
2,4-DINITROTOLUENE	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
2-NITROTOLUENE	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
4-NITROTOLUENE	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
3-NITROTOLUENE	0.81000 U	1.20000 U	1.10000 U	0.51999 U	0.64999 U	0.28999 U	0.73000 U	1.10000 U	1.20000 U	0.87000 U	1.10000 U	0.31000 U	0.51999 U
NITROCELLULOSE IN WATER	1000.00000 U	1000.00000 U	2000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U
NITROGLYCERIN	8.10000 U	12.00000 U	11.00000 U	5.20000 U	6.50000 U	2.90000 U	7.30000 U	11.00000 U	12.00000 U	8.70000 U	11.00000 U	3.10000 U	5.20000 U
PETN	4.00000 U	6.00000 U	5.20000 U	2.60000 U	3.20000 U	1.40000 U	3.60000 U	5.20000 U	5.80000 U	4.30000 U	5.40000 U	1.50000 U	2.60000 U
METALS (ug/l)													
ANTIMONY	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ARSENIC	1.1 U	1.1 U	16.6	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.4	1.8
BARIUM	98.3	102	85.1	102	156	30.3	70.3	69.7	33	16.9	218	53.7	11.9
BERYLLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CADMIUM	1.1 U	1.9	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CHROMIUM	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
COBALT	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	6.1
COPPER	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.5	2.8	3.1	2.8	2.2 U	47.2	4.6	2.2 U
LEAD	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MANGANESE	97.7	93.1	420	16.7 U	172	57.5	16.7 U	16.7 U	42.4	16.7 U	16.7 U	16.7 U	475
MERCURY	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
NICKEL	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	22.8
SELENIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.2	1.2	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
SILVER	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.5	2.2 U
ZINC	40.5	11.1 U	11.1 U	11.1 U	11.1 U	55.7	11.1 U	11.1 U	79.5	11.1 U	49.9	142	33.5
TIN	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
MISC. INORGANICS (ug/l)													
CYANIDE (METHOD 9012)	0.00499 U	0.00499 U	0.00499 U	0.00499 U	0.00499 UJ	0.00499 UJ	0.00499 UJ	0.00499 UJ	0.00499 UJ	0.00499 UJ	0.01999 UJ	0.00499 U	0.00499 U
MISC. ORGANICS (ug/l)													
TOTAL ORGANIC CARBON	1 U	1 U	2	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TOTAL ORGANIC HALOGENS	0.02999	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U

*Aluminum was not sampled for during this quarter.

000184OB03Y

TABLE 6.3.1
SUMMARY OF PARAMETERS DETECTED AT LEAST ONCE
MONITORING EVENT FIRST QUARTER 2000
DEMOLITION RANGE

Location	06C02	06C03	06C03	06C03P2	06C04	06C04P2	O6C05	06C06	06C06	06C06P2	06C07	06C08	06C08P2
Aquifer	Lower Penn/Beech Creek	Big Clifty/Beech Creek	Big Clifty/Beech Creek	Golconda/Haney	Big Clifty/Beech Creek	Golconda/Haney	Big Clifty/Beech Creek	Lower Penn/Beech Creek	Lower Penn/Beech Creek	Pennsylvanian	Beech Creek	Big Clifty/Beech Creek	Pennsylvanian
Matrix	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
Sample Number	DC021A00	DC031A00	FD02140001	DC03P21A00	DC041A00	DC04P21A00	DC051A00	DC061A00	FD01310001	DC06P21A00	DC071A00	DC081A00	DC08P21A00
SA Code	Normal	Duplicate	Duplicate	Normal	Normal	Normal	Normal	Duplicate	Duplicate	Normal	Normal	Normal	Normal
Sample Date	2/7/2000	2/15/2000	2/15/2000	2/14/2000	2/3/2000	2/8/2000	2/2/2000	1/31/2000	1/31/2000	2/1/2000	1/18/2000	2/9/2000	2/10/2000
EXPLOSIVES (ug/L)													
1,3,5-TRINITROBENZENE	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
1,3-DINITROBENZENE	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
2,4,6-TRINITROTOLUENE	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
2,4-DINITROTOLUENE	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
2,6-DINITROTOLUENE	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
2-AMINO-4,6-DINITROTOLUENE	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
2-NITROTOLUENE	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
3-NITROTOLUENE	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
4-AMINO-2,6-DINITROTOLUENE	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
4-NITROTOLUENE	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
HMX	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
NITROBENZENE	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
NITROCELLULOSE	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U
NITROGLYCERIN	8.60000 U	6.60000 U	9.50000 U	13.00000 U	16.00000 U	13.00000 U	9.40000 U	7.80000 U	5.20000 U	14.00000 U	14.00000 U	8.60000 U	7.90000 U
PETN	4.20000 U	3.30000 U	4.70000 U	6.60000 U	7.70000 U	6.30000 U	4.60000 U	3.80000 U	2.60000 U	7.00000 U	6.70000 U	4.20000 U	3.90000 U
RDX	0.81000 U	0.62000 U	0.88999 U	1.30000 U	1.50000 U	1.20000 U	0.87999 U	0.73000 U	0.49000 U	1.30000 U	1.30000 U	0.81000 U	0.74000 U
TETRYL	0.86000 U	0.66000 U	0.94999 U	1.30000 U	1.60000 U	1.30000 U	0.93999 U	0.77999 U	0.51999 U	1.40000 U	1.40000 U	0.86000 U	0.79000 U
METALS (ug/l)													
ANTIMONY	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
ARSENIC	1.10000 U	12.80000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.70000	1.70000
BARIUM	102.00000	84.40000	95.70000	96.70000	150.00000	25.30000	73.80000	31.60000	31.80000	16.00000	228.00000	59.10000	11.60000
BERYLLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CADMIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.30000	1.10000 U	1.10000 U	1.10000 U
CHROMIUM	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U
COBALT	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	6.30000
COPPER	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
LEAD	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.60000
MANGANESE	98.90000	514.00000	16.70000 U	16.70000 U	187.00000	73.10000	16.70000 U	69.30000	62.80000	16.70000 U	16.70000 U	16.70000 U	613.00000
MERCURY	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U
NICKEL	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	25.20000
SELENIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.30000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
SILVER	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
THALLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
TIN	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
VANADIUM	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000	2.20000 U
ZINC	11.10000 U	11.10000 U	11.10000 U	11.10000 U	13.20000	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	35.80000	32.70000
DISSOLVED METALS (ug/l)													
ANTIMONY	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
ARSENIC	1.10000 U	12.90000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	2.00000	1.80000
BARIUM	101.00000	85.10000	96.00000	95.30000	149.00000	23.80000	71.80000	31.30000	30.70000	16.60000	226.00000	39.40000	11.10000
BERYLLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
CADMIUM	1.10000 U	1.20000 *	1.10000 U*	1.10000 U*	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U*	1.10000 U*
CHROMIUM	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U	5.60000 U
COBALT	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	6.40000
COPPER	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
LEAD	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000	1.10000 U	1.10000 U	1.10000 U
MANGANESE	97.00000	518.00000	16.70000 U	16.70000 U	188.00000	40.80000	16.70000 U	61.10000	59.60000	16.70000 U	16.70000 U	16.70000 U	605.00000
MERCURY	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U	0.20000 U
NICKEL	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	25.40000
POTASSIUM	1110.00000 U				1310.00000	2890.00000	1110.00000 U	1110.00000 U	1110.00000 U	1110.00000 U	1840.00000		
SELENIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
SILVER	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U	3.30000 U
THALLIUM	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
TIN	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U
VANADIUM	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U
ZINC	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	18.20000	11.10000 U	11.10000 U	33.40000
MISCELLANEOUS (mg/l)													
CYANIDE	0.00999 U	0.01000 U	0.01000 U	0.01000 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.01000 U	0.01000 U
TOTAL ORGANIC CARBON	1.00000 U	2.00000	1.00000 U	1.00000 U	1.40000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TOTAL ORGANIC HALOGENS	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U

7.0

STATISTICAL ANALYSIS

7.0 ASSESSMENT OF DATA FOR USE IN STATISTICAL ANALYSIS

As discussed in Section 9.2.2 of the QAPP, qualification of analytical data during the validation process (i.e., the application of U, BU, J, BJ, JN, UJ, UR, and R qualifiers) will be conducted as required by Region 5 data validation SOPs. The addition of the data qualifiers to analytical results signifies the occurrence of QC noncompliance's that have been noted during the course of data validation. The various data qualifiers are defined as follows:

- **U** – Indicates that the chemical was not detected at the sample quantitation limit (SQL) noted. The laboratory reports the SQL for an analysis followed by this qualifier code if the analyte was not detected at a concentration greater than or equal to the SQL. This qualifier is added to a positive result (reported by the laboratory) during data validation if the detected concentration is determined to be attributable to contamination introduced during field sampling.

- **BU** – Indicates that the chemical was not detected at the SQL noted. This qualifier is added to a positive result (reported by the laboratory) during data validation if the detected concentration is determined to be attributable to contamination introduced during laboratory analysis.

- **UJ** – Indicates that the chemical was not detected at the SQL noted. However, the SQL is considered to be an estimate based on technical problems identified during data validation

- **J** – Indicates that the chemical was detected. However, the laboratory-reported quantity is considered to be an estimate of the concentration that is actually present in the sample.

- **BJ** – Indicates that the chemical was detected in the sample as well as in an associated laboratory blank. The detected concentration was not determined during data validation to be wholly attributable to contamination introduced during laboratory analysis. However, the laboratory-reported quantity is considered to be an estimate of the concentration that is actually present in the sample.

- **JN** – Indicates that the qualitative presence of the chemical cannot be definitely confirmed, but that the chemical is presumed to be present. The laboratory-reported quantity is considered to be an estimated concentration. This qualifier is added to a positive result during data validation whenever qualitative and quantitative confirmation is not definitive.

- **UR** – Indicates that the nondetected analytical result (i.e., the SQL) reported by the laboratory is considered to be unreliable or unusable and has been rejected. The chemical may or may not be present. This qualifier is applied in cases of gross technical deficiencies (e.g., holding times missed by a factor of two times the specified limit, severe calibration noncompliance, and extremely low QC recoveries).

- **R** – Indicates that the positive analytical result reported by the laboratory is considered to be unreliable and unusable and has been rejected. The chemical may or may not be present. This qualifier is applied in cases of gross technical deficiencies.

Statistical Methodology

PARAMETRIC ANOVA

The parametric analysis of variance (ANOVA) technique is the preferred approach for comparing environmental measurement from different data sets to determine if they come from the same underlying background distribution. Parametric ANOVA methods make two key assumptions: (1) the data sets are all normally (or log-normally) distributed and (2) the group variances are approximately equal. For only four values in each set of data it is difficult to fail the normality test. If the variances are not homogeneous, this tends to cause the mean-square-error to be overly large. This can cause significant differences to be missed. However, if the ANOVA shows a significant difference, one can guarantee it is truly a significant difference within the alpha level used in the analysis. The alpha level used in an analysis is the probability of making an error when a difference is declared to be significant when it is really caused by random sampling and is not truly different. The alpha level used in these analyses was .05. The data in this analysis passed the normality test but several cases failed the test for homogeneity of variance. An ANOVA was still used for all the data. Any differences declared significant should still be valid. Some true differences could be missed. Once an ANOVA is done and a statistical difference is shown, the next step is to find out which values are different. This requires a multiple comparison test. There are many multiple comparison tests. The STATISTICA statistical package contains 4 such tests. Two of these were chosen: Newman-Keuls test and Duncan's Multiple Range Test. The results of these two tests are very similar.

NONPARAMETRIC ANOVA

It was recommended by IDEM that if the data failed the normality test or the homogeneous variance test that a nonparametric ANOVA test should be used. The one recommended by IDEM was the Kruskel-Wallis Rank Sum test.

The procedure for the Kruskal-Wallis test (U.S. EPA, 1989. Guidance Document on the Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities. EPA 530/SW-89-026) is described in the following paragraphs.

Step 1. Rank all N observations of the k wells from least to greatest

Step 2. Add the ranks of the observations for each well. Call the sum of the ranks for the ith well R_i. Also, calculate the average rank for each well by:

$$\overline{R_i} = \frac{R_i}{N_i}.$$

Step 3. Compute the Kruskal-Wallis statistic given by

$$H = \left[\frac{12}{N(N+1)} \sum_{i=1}^{k} \frac{R_i^2}{N_i} \right] - 3(N+1)$$

where N = total number of samples,
N_i = number of each samples for each well, and
k = number of wells.

An adjustment to the Kruskal-Wallis statistic must be made to account for the presence of tied values. Tied values are those in which have the same concentration for a given analyte. This adjustment is given by the following formula:

$$H' = \frac{H}{1 - \left[\frac{\sum_{i=1}^{g} t_i^3 - t_i}{N_3 - N}\right]}$$

where g = the number of groups of distinct tied observations and

t_i = the number of tied observations in the ith group.

Step 4. Compare the calculated value H (or H') to the tabulated X^2 (chi-squared) value with (k-1) degrees of freedom, where k is the number of wells.

Step 5. If the computed H value exceeds the tabulated X^2 value, compute the critical difference for the wells

$$C_i = Z_{0.05/k-1}\sqrt{N(N+1)\frac{1}{12}\cdot\left[\frac{1}{N_1}+\frac{1}{N_i}\right]}$$

for i =2,...,k and $Z_{0.05/k-1}$ is the upper (100-(5/k-1))th percentile of the standard normal distribution.

Step 6. Compute the differences between the average ranks of each well and compare the differences to the critical values from Step 5 in order to determine which wells give significant evidence of contamination . That is, compare

$$D_i = \overline{R_i} - \overline{R_1}$$

to C_i for i = 2,...,k. If D_i exceeds C_i , we can determine that the ith well exhibits statistically significant higher concentrations than the upgradient wells. If D_i does not exceed C_i , there is no statistically significant evidence of higher concentrations in the ith well relative to the upgradient wells.

This analysis method also has a weakness. Again if a difference is declared then it is truly a significant difference. But since the ranks are used instead of the values, many true differences are likely to be missed. In the analysis it was observed that when the up gradient well was second highest and a downgradient well was highest, this test could never declare a statistical difference no matter how large the values were for the highest well. A t-test used on the highest wells showed the difference to be highly significant in some cases.

Since both parametric and nonparametric ANOVA's have weaknesses for our data, both were run. Any statistical differences declared by those two analyses should point to a possible problem area. All of these tests were run using the STATISTICA statistical package.

Statistical evaluation procedures must be performed on the list of constituents from Table 1-2 of the Groundwater Management Plan. Table 7.1 shows those constituents that had enough detections to complete a statistical analysis.

Table 7.1. Table of Detected Analytes with More Than Two Positive Results.

	CONSTITUENTS	ABG	ORR
EXPLOSIVES			
1.	1,3,5-Trinitrobenzene	X	
2.	2,4,6-Trinitrotoluene		X
3.	2-Amino-4,6-dinitrotoluene	X	X
4.	4-Amino-2,6-dinitrotoluene	X	X
5.	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	X	
6.	RDX	X	
METALS			
7.	Antimony	X	X
8.	Arsenic	X	X
9.	Barium	X	X
10.	Cadmium	X	X
11.	Calcium	X	
12.	Chromium	X	
13.	Copper	X	X
14.	Iron	X	X
15.	Magnesium	X	
16.	Manganese	X	X
17.	Potassium	X	
18.	Selenium	X	X
19.	Sodium	X	
20.	Zinc	X	X
VOLATILE ORGANIC COMPOUNDS			
21.	1,2-Dichloroethane; Ethylene dichloride	X	
22.	Carbon tetrachloride	X	
23.	Chloroform; Trichloromethane	X	
24.	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	X	
25.	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethene	X	
26.	Trichloroethylene; Trichloroethene	X	
MISCELLANEOUS PARAMETERS			
27.	Ammonia		X
28.	Chloride	X	
29.	Total Dissolved Phosphorus	X	
30.	Total Phosphorus	X	
31.	Sulfate	X	
32.	Total Organic Carbon (TOC)	X	X
33.	Total Organic Halogens (TOX)	X	X

X=Positive response for the analyte

The following table shows some isolated detections but not enough information is available to complete statistical analyses.

CONSTITUENT	LOCATION	AQUIFER	WELL	QUARTER	AMOUNT
2,4-Dinitrotoluene	ABG[1]	--	C20	4	1.6
2,4-Dinitrotoluene	ORR[2]	B[3]	C08	4	1.6
2,6-Dinitrotoluene	ABG	--	C20	4	2.2
Picramic Acid	ABG	--	C10	4	2.2
Antimony	ORR	C[4]	C11P2	4	1.4
Antimony (Filtered)	ORR	C	C11P2	4	1.4
Chromium	ORR	C	C18P2	1	7.9
Chromium (Filtered)	ORR	C	C18P2	3	5.3
Nickel (Filtered)	ORR	B	C14	3	10.5
Total Organic Halogens	ORR	B	C13	2	.03

[1] ABG - Ammunition Burning Grounds
[2] ORR - Old Rifle Range
[3] B - Beech Creek Aquifer for Old Rifle Range
[4] C - Big Clifty Aquifer for Old Rifle Range

The following is a list of constituents with only one quarter of data available.

CONSTITUENT	LOCATION	AQUIFER	QUARTER
Magnesium (Filtered)	Old Rifle Range	Beech Creek	1st Quarter only
Calcium (Filtered)	Old Rifle Range	Beech Creek	1st Quarter only
Sodium (Filtered)	Old Rifle Range	Beech Creek	1st Quarter only
Magnesium (Filtered)	Old Rifle Range	Big Clifty	1st Quarter only
Iron	Old Rifle Range	Big Clifty	2nd Quarter only
Calcium	Old Rifle Range	Big Clifty	1st Quarter only
Sodium (Filtered)	Old Rifle Range	Big Clifty	1st Quarter only

The lab data for the constituents that had detections are shown on the following pages in Table 7.2 through Table 7.36.

Table 7.2. Raw Data for 1,3,5-Trinitrobenzene.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	1,3,5-TRINITROBENZENE	N	1	2000	0.3	UG/L	U
AB022A00	A	B02	1	1	1,3,5-TRINITROBENZENE	N	2	2000	0.395	UG/L	U
AB023A00	A	B02	1	1	1,3,5-TRINITROBENZENE	N	3	2000	0.109995	UG/L	U
AB024A00	A	B02	1	1	1,3,5-TRINITROBENZENE	N	4	2000	0.439995	UG/L	U
AB041A00	A	B04	2	1	1,3,5-TRINITROBENZENE	N	1	2000	0.34	UG/L	U
AB042A00	A	B04	2	1	1,3,5-TRINITROBENZENE	N	2	2000	0.55	UG/L	U
AB043A00	A	B04	2	1	1,3,5-TRINITROBENZENE	N	3	2000	0.439995	UG/L	U
AB044A00	A	B04	2	1	1,3,5-TRINITROBENZENE	N	4	2000	0.7	UG/L	U
AC02P21A00RE	A	C02P2	3	1	1,3,5-TRINITROBENZENE	N	1	2000	0.209995	UG/L	U
AC02P22A00	A	C02P2	3	1	1,3,5-TRINITROBENZENE	N	2	2000	0.55	UG/L	U
AC02P23A00	A	C02P2	3	1	1,3,5-TRINITROBENZENE	N	3	2000	0.259995	UG/L	U
AC02P24A00	A	C02P2	3	1	1,3,5-TRINITROBENZENE	N	4	2000	0.419995	UG/L	U
AC031A00	A	C03	4	1	1,3,5-TRINITROBENZENE	N	1	2000	0.6	UG/L	U
AC032A00	A	C03	4	1	1,3,5-TRINITROBENZENE	N	2	2000	0.55	UG/L	U
AC033A00	A	C03	4	1	1,3,5-TRINITROBENZENE	N	3	2000	0.34	UG/L	U
AC034A00	A	C03	4	1	1,3,5-TRINITROBENZENE	N	4	2000	0.7	UG/L	U
AC041A00	A	C04	5	1	1,3,5-TRINITROBENZENE	N	1	2000	0.5	UG/L	U
AC042A00	A	C04	5	1	1,3,5-TRINITROBENZENE	N	2	2000	0.305	UG/L	U
AC043A00	A	C04	5	1	1,3,5-TRINITROBENZENE	N	3	2000	0.55	UG/L	U
AC044A00	A	C04	5	1	1,3,5-TRINITROBENZENE	N	4	2000	0.75	UG/L	U
AC071A00	A	C07	6	1	1,3,5-TRINITROBENZENE	N	1	2000	0.65	UG/L	U
AC072A00	A	C07	6	1	1,3,5-TRINITROBENZENE	N	2	2000	0.65	UG/L	U
AC073A00	A	C07	6	1	1,3,5-TRINITROBENZENE	N	3	2000	0.319995	UG/L	U
AC074A00	A	C07	6	1	1,3,5-TRINITROBENZENE	N	4	2000	0.419995	UG/L	U
AC08P21A00	A	C08P2	7	1	1,3,5-TRINITROBENZENE	N	1	2000	0.219995	UG/L	U
AC08P22A00	A	C08P2	7	1	1,3,5-TRINITROBENZENE	N	2	2000	0.23	UG/L	U
AC08P23A00	A	C08P2	7	1	1,3,5-TRINITROBENZENE	N	3	2000	0.469995	UG/L	U
AC08P24A00	A	C08P2	7	1	1,3,5-TRINITROBENZENE	N	4	2000	0.6	UG/L	U
AC09P21A00	A	C09P2	8	1	1,3,5-TRINITROBENZENE	N	1	2000	3.8	UG/L	PX
AC09P22A00	A	C09P2	8	1	1,3,5-TRINITROBENZENE	N	2	2000	0.5	UG/L	U
AC09P23A00	A	C09P2	8	1	1,3,5-TRINITROBENZENE	N	3	2000	0.23	UG/L	U
AC09P24A00	A	C09P2	8	1	1,3,5-TRINITROBENZENE	N	4	2000	0.495	UG/L	U
AC101A00	A	C10	9	1	1,3,5-TRINITROBENZENE	N	1	2000	0.474995	UG/L	U
AC102A00	A	C10	9	1	1,3,5-TRINITROBENZENE	N	2	2000	0.275	UG/L	U
AC103A00	A	C10	9	1	1,3,5-TRINITROBENZENE	N	3	2000	0.435	UG/L	U
AC104A00	A	C10	9	1	1,3,5-TRINITROBENZENE	N	4	2000	0.474995	UG/L	U
AC111A00	A	C11	10	1	1,3,5-TRINITROBENZENE	N	1	2000	0.6	UG/L	U
AC112A00	A	C11	10	1	1,3,5-TRINITROBENZENE	N	2	2000	0.289995	UG/L	U
AC113A00	A	C11	10	1	1,3,5-TRINITROBENZENE	N	3	2000	0.8	UG/L	U
AC114A00	A	C11	10	1	1,3,5-TRINITROBENZENE	N	4	2000	0.419995	UG/L	U
AC121A00	A	C12	11	1	1,3,5-TRINITROBENZENE	N	1	2000	0.23	UG/L	U
AC122A00	A	C12	11	1	1,3,5-TRINITROBENZENE	N	2	2000	0.405	UG/L	U
AC123A00	A	C12	11	1	1,3,5-TRINITROBENZENE	N	3	2000	0.264995	UG/L	U

Table 7.2. Raw Data for 1,3,5-Trinitrobenzene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC124A00	A	C12	11	1	1,3,5-TRINITROBENZENE	N	4	2000	0.5	UG/L	U
AC151A00	A	C15	12	1	1,3,5-TRINITROBENZENE	N	1	2000	0.55	UG/L	U
AC152A00	A	C15	12	1	1,3,5-TRINITROBENZENE	N	2	2000	0.289995	UG/L	U
AC153A00	A	C15	12	1	1,3,5-TRINITROBENZENE	N	3	2000	0.384995	UG/L	U
AC154A00	A	C15	12	1	1,3,5-TRINITROBENZENE	N	4	2000	0.234995	UG/L	U
AC171A00	A	C17	13	1	1,3,5-TRINITROBENZENE	N	1	2000	0.264995	UG/L	U
AC172A00	A	C17	13	1	1,3,5-TRINITROBENZENE	N	2	2000	0.365	UG/L	U
AC173A00	A	C17	13	1	1,3,5-TRINITROBENZENE	N	3	2000	0.7	UG/L	U
AC174A00	A	C17	13	1	1,3,5-TRINITROBENZENE	N	4	2000	0.264995	UG/L	U
AC201A00	A	C20	14	1	1,3,5-TRINITROBENZENE	N	1	2000	12	UG/L	PX
AC202A00	A	C20	14	1	1,3,5-TRINITROBENZENE	N	2	2000	13	UG/L	PX
AC203A00	A	C20	14	1	1,3,5-TRINITROBENZENE	N	3	2000	6.8	UG/L	
AC204A00	A	C20	14	1	1,3,5-TRINITROBENZENE	N	4	2000	6.5	UG/L	X
AC251A00	A	C25	15	1	1,3,5-TRINITROBENZENE	N	1	2000	0.365	UG/L	U
AC252A00	A	C25	15	1	1,3,5-TRINITROBENZENE	N	2	2000	0.449995	UG/L	U
AC253A00	A	C25	15	1	1,3,5-TRINITROBENZENE	N	3	2000	0.439995	UG/L	U
AC254A00	A	C25	15	1	1,3,5-TRINITROBENZENE	N	4	2000	0.324995	UG/L	U
AC261A00	A	C26	16	1	1,3,5-TRINITROBENZENE	N	1	2000	0.5	UG/L	U
AC262A00	A	C26	16	1	1,3,5-TRINITROBENZENE	N	2	2000	0.6	UG/L	U
AC263A00	A	C26	16	1	1,3,5-TRINITROBENZENE	N	3	2000	0.209995	UG/L	U
AC264A00	A	C26	16	1	1,3,5-TRINITROBENZENE	N	4	2000	0.65	UG/L	U
AC271A00	A	C27	17	1	1,3,5-TRINITROBENZENE	N	1	2000	0.435	UG/L	U
AC272A00	A	C27	17	1	1,3,5-TRINITROBENZENE	N	2	2000	0.65	UG/L	U
AC273A00	A	C27	17	1	1,3,5-TRINITROBENZENE	N	3	2000	0.55	UG/L	U
AC274A00	A	C27	17	1	1,3,5-TRINITROBENZENE	N	4	2000	0.34	UG/L	U
AC301A00	A	C30	18	1	1,3,5-TRINITROBENZENE	N	1	2000	0.65	UG/L	U
AC302A00	A	C30	18	1	1,3,5-TRINITROBENZENE	N	2	2000	0.55	UG/L	U
AC303A00	A	C30	18	1	1,3,5-TRINITROBENZENE	N	3	2000	0.324995	UG/L	U
AC304A00	A	C30	18	1	1,3,5-TRINITROBENZENE	N	4	2000	0.34	UG/L	U
ACRA1A00RE	A	CRA	21	1	1,3,5-TRINITROBENZENE	N	1	2000	0.65	UG/L	U
ACRA2A00	A	CRA	21	1	1,3,5-TRINITROBENZENE	N	2	2000	0.219995	UG/L	U
ACRA3A00	A	CRA	21	1	1,3,5-TRINITROBENZENE	N	3	2000	0.284995	UG/L	U
ACRA4A00	A	CRA	21	1	1,3,5-TRINITROBENZENE	N	4	2000	0.469995	UG/L	U
ACRB1A00RE	A	CRB	22	1	1,3,5-TRINITROBENZENE	N	1	2000	0.264995	UG/L	U
ACRB2A00	A	CRB	22	1	1,3,5-TRINITROBENZENE	N	2	2000	0.245	UG/L	U
ACRB3A00	A	CRB	22	1	1,3,5-TRINITROBENZENE	N	3	2000	0.469995	UG/L	U
ACRB4A00	A	CRB	22	1	1,3,5-TRINITROBENZENE	N	4	2000	0.485	UG/L	U
ASPA1A00	A	SPA	19	1	1,3,5-TRINITROBENZENE	N	1	2000	0.33	UG/L	U
ASPA2A00	A	SPA	19	1	1,3,5-TRINITROBENZENE	N	2	2000	0.479995	UG/L	U
ASPA3A00	A	SPA	19	1	1,3,5-TRINITROBENZENE	N	3	2000	0.46	UG/L	U
ASPA4A00	A	SPA	19	1	1,3,5-TRINITROBENZENE	N	4	2000	0.365	UG/L	U
ASPC1A00	A	SPC	20	1	1,3,5-TRINITROBENZENE	N	1	2000	0.479995	UG/L	U
ASPC2A00	A	SPC	20	1	1,3,5-TRINITROBENZENE	N	2	2000	0.395	UG/L	U
ASPC3A00	A	SPC	20	1	1,3,5-TRINITROBENZENE	N	3	2000	0.174995	UG/L	U
ASPC4A00	A	SPC	20	1	1,3,5-TRINITROBENZENE	N	4	2000	0.6	UG/L	U

Table 7.2. Raw Data for 1,3,5-Trinitrobenzene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC021A00	D	C02	1	1	1,3,5-TRINITROBENZENE	N	1	2000	0.43	UG/L	U
DC023A00	D	C02	1	1	1,3,5-TRINITROBENZENE	N	3	2000	0.405	UG/L	U
DC031A00	D	C03	2	1	1,3,5-TRINITROBENZENE	N	1	2000	0.33	UG/L	U
DC033A00	D	C03	2	1	1,3,5-TRINITROBENZENE	N	3	2000	0.55	UG/L	U
DC03P21A00	D	C03P2	1	2	1,3,5-TRINITROBENZENE	N	1	2000	0.65	UG/L	U
DC03P23A00	D	C03P2	1	2	1,3,5-TRINITROBENZENE	N	3	2000	0.259995	UG/L	U
DC041A00	D	C04	3	1	1,3,5-TRINITROBENZENE	N	1	2000	0.8	UG/L	U
DC043A00	D	C04	3	1	1,3,5-TRINITROBENZENE	N	3	2000	0.324995	UG/L	U
DC04P21A00	D	C04P2	2	2	1,3,5-TRINITROBENZENE	N	1	2000	0.65	UG/L	U
DC04P23A00	D	C04P2	2	2	1,3,5-TRINITROBENZENE	N	3	2000	0.144995	UG/L	U
DC051A00	D	C05	4	1	1,3,5-TRINITROBENZENE	N	1	2000	0.469995	UG/L	U
DC053B00	D	C05	4	1	1,3,5-TRINITROBENZENE	N	3	2000	0.365	UG/L	U
DC061A00	D	C06	5	1	1,3,5-TRINITROBENZENE	N	1	2000	0.389995	UG/L	U
DC063A00	D	C06	5	1	1,3,5-TRINITROBENZENE	N	3	2000	0.6	UG/L	U
DC06P21A00	D	C06P2	3	2	1,3,5-TRINITROBENZENE	N	1	2000	0.7	UG/L	U
DC06P23A00	D	C06P2	3	2	1,3,5-TRINITROBENZENE	N	3	2000	0.435	UG/L	U
DC071A00	D	C07	6	1	1,3,5-TRINITROBENZENE	N	1	2000	0.7	UG/L	U
DC073A00	D	C07	6	1	1,3,5-TRINITROBENZENE	N	3	2000	0.55	UG/L	U
DC081A00	D	C08	7	1	1,3,5-TRINITROBENZENE	N	1	2000	0.43	UG/L	U
DC083A00	D	C08	7	1	1,3,5-TRINITROBENZENE	N	3	2000	0.155	UG/L	U
DC08P21A00	D	C08P2	4	2	1,3,5-TRINITROBENZENE	N	1	2000	0.395	UG/L	U
DC08P23A00	D	C08P2	4	2	1,3,5-TRINITROBENZENE	N	3	2000	0.5	UG/L	U
FD01310001	D	C06	5	1	1,3,5-TRINITROBENZENE	N	1	2000	0.259995	UG/L	U
FD02140001	D	C03P2	1	2	1,3,5-TRINITROBENZENE	N	1	2000	0.474995	UG/L	U
FD02230001	O	C11P2	1	2	1,3,5-TRINITROBENZENE	N	1	2000	0.6	UG/L	U
FD02280001	O	C13	4	1	1,3,5-TRINITROBENZENE	N	1	2000	0.5	UG/L	U
FD03140001	A	SPC	20	1	1,3,5-TRINITROBENZENE	N	1	2000	0.384995	UG/L	U
FD03250001	A	C09P2	8	1	1,3,5-TRINITROBENZENE	N	1	2000	4.1	UG/L	P
FD03290001	A	SPA	19	1	1,3,5-TRINITROBENZENE	N	1	2000	0.95	UG/L	U
FD04190001	O	C13P2	2	2	1,3,5-TRINITROBENZENE	N	2	2000	0.349995	UG/L	U
FD05080001	O	C18	8	1	1,3,5-TRINITROBENZENE	N	2	2000	0.3	UG/L	U
FD06090001	A	CRA		1	1,3,5-TRINITROBENZENE	N	2	2000	0.49	UG/L	U
FD06230001	A	C10	9	1	1,3,5-TRINITROBENZENE	N	2	2000	0.414995	UG/L	U
FD06280001	A	SPC	20	1	1,3,5-TRINITROBENZENE	N	2	2000	0.5	UG/L	U
FD07290001	D	C05	4	1	1,3,5-TRINITROBENZENE	N	3	2000	0.55	UG/L	U
FD08090001	D	C02	1	1	1,3,5-TRINITROBENZENE	N	3	2000	0.6	UG/L	U
FD08250001	O	C14	5	1	1,3,5-TRINITROBENZENE	N	3	2000	0.28	UG/L	U
FD08300001	O	C18P2	4	2	1,3,5-TRINITROBENZENE	N	3	2000	0.245	UG/L	U
FD09130001	A	C12	11	1	1,3,5-TRINITROBENZENE	N	3	2000	0.264995	UG/L	U
FD09200001	A	CRB		1	1,3,5-TRINITROBENZENE	N	3	2000	1.1	UG/L	U
FD09290001	A	SPC	20	1	1,3,5-TRINITROBENZENE	N	3	2000	0.234995	UG/L	U
FD11190001	O	C14	5	1	1,3,5-TRINITROBENZENE	N	4	2000	0.8	UG/L	U
FD11200001	O	C13P2	2	2	1,3,5-TRINITROBENZENE	N	4	2000	0.55	UG/L	U
FD12010001	A	C09P2	8	1	1,3,5-TRINITROBENZENE	N	4	2000	0.439995	UG/L	U
FD12120001	A	CRB		1	1,3,5-TRINITROBENZENE	N	4	2000	0.61	UG/L	U

Table 7.2. Raw Data for 1,3,5-Trinitrobenzene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC081A00	O	C08	1	1	1,3,5-TRINITROBENZENE	N	1	2000	0.6	UG/L	U
OC082A00	O	C08	1	1	1,3,5-TRINITROBENZENE	N	2	2000	0.354995	UG/L	U
OC083A00	O	C08	1	1	1,3,5-TRINITROBENZENE	N	3	2000	0.57999	UG/L	UJ
OC084A00	O	C08	1	1	1,3,5-TRINITROBENZENE	N	4	2000	0.264995	UG/L	U
OC111A00	O	C11	2	1	1,3,5-TRINITROBENZENE	N	1	2000	0.5	UG/L	U
OC112A00	O	C11	2	1	1,3,5-TRINITROBENZENE	N	2	2000	0.365	UG/L	U
OC113A00	O	C11	2	1	1,3,5-TRINITROBENZENE	N	3	2000	0.474995	UG/L	U
OC114A00	O	C11	2	1	1,3,5-TRINITROBENZENE	N	4	2000	0.365	UG/L	U
OC11P21A00	O	C11P2	1	2	1,3,5-TRINITROBENZENE	N	1	2000	0.23	UG/L	U
OC11P22A00	O	C11P2	1	2	1,3,5-TRINITROBENZENE	N	2	2000	0.28	UG/L	U
OC11P23A00	O	C11P2	1	2	1,3,5-TRINITROBENZENE	N	3	2000	0.115	UG/L	U
OC11P24A00	O	C11P2	1	2	1,3,5-TRINITROBENZENE	N	4	2000	0.55	UG/L	U
OC121A00	O	C12	3	1	1,3,5-TRINITROBENZENE	N	1	2000	0.245	UG/L	U
OC122A00	O	C12	3	1	1,3,5-TRINITROBENZENE	N	2	2000	0.209995	UG/L	U
OC123A00	O	C12	3	1	1,3,5-TRINITROBENZENE	N	3	2000	0.46	UG/L	U
OC124A00	O	C12	3	1	1,3,5-TRINITROBENZENE	N	4	2000	0.474995	UG/L	U
OC131A00	O	C13	4	1	1,3,5-TRINITROBENZENE	N	1	2000	0.85	UG/L	U
OC132A00	O	C13	4	1	1,3,5-TRINITROBENZENE	N	2	2000	0.435	UG/L	U
OC133A00	O	C13	4	1	1,3,5-TRINITROBENZENE	N	3	2000	0.239995	UG/L	U
OC134A00	O	C13	4	1	1,3,5-TRINITROBENZENE	N	4	2000	0.239995	UG/L	U
OC13P21A00	O	C13P2	2	2	1,3,5-TRINITROBENZENE	N	1	2000	0.8	UG/L	U
OC13P22A00	O	C13P2	2	2	1,3,5-TRINITROBENZENE	N	2	2000	0.289995	UG/L	U
OC13P23A00	O	C13P2	2	2	1,3,5-TRINITROBENZENE	N	3	2000	0.254995	UG/L	U
OC13P24A00	O	C13P2	2	2	1,3,5-TRINITROBENZENE	N	4	2000	0.174995	UG/L	U
OC141A00	O	C14	5	1	1,3,5-TRINITROBENZENE	N	1	2000	0.23	UG/L	U
OC142A00	O	C14	5	1	1,3,5-TRINITROBENZENE	N	2	2000	0.305	UG/L	U
OC143A00	O	C14	5	1	1,3,5-TRINITROBENZENE	N	3	2000	0.194995	UG/L	U
OC144A00	O	C14	5	1	1,3,5-TRINITROBENZENE	N	4	2000	0.7	UG/L	U
OC14P21A00	O	C14P2	3	2	1,3,5-TRINITROBENZENE	N	1	2000	0.6	UG/L	U
OC14P22A00	O	C14P2	3	2	1,3,5-TRINITROBENZENE	N	2	2000	0.234995	UG/L	U
OC14P23A00	O	C14P2	3	2	1,3,5-TRINITROBENZENE	N	3	2000	0.165	UG/L	U
OC14P24A00	O	C14P2	3	2	1,3,5-TRINITROBENZENE	N	4	2000	0.6	UG/L	U
OC151A00RE	O	C15	6	1	1,3,5-TRINITROBENZENE	N	1	2000	0.65	UG/L	U
OC152A00	O	C15	6	1	1,3,5-TRINITROBENZENE	N	2	2000	0.8	UG/L	U
OC153A00	O	C15	6	1	1,3,5-TRINITROBENZENE	N	3	2000	0.6	UG/L	U
OC154A00	O	C15	6	1	1,3,5-TRINITROBENZENE	N	4	2000	0.7	UG/L	U
OC161A00	O	C16	7	1	1,3,5-TRINITROBENZENE	N	1	2000	0.289995	UG/L	U
OC162A00	O	C16	7	1	1,3,5-TRINITROBENZENE	N	2	2000	0.65	UG/L	U
OC163A00	O	C16	7	1	1,3,5-TRINITROBENZENE	N	3	2000	0.55	UG/L	U
OC164A00	O	C16	7	1	1,3,5-TRINITROBENZENE	N	4	2000	0.34	UG/L	U
OC181A00	O	C18	8	1	1,3,5-TRINITROBENZENE	N	1	2000	0.31	UG/L	U
OC182A00	O	C18	8	1	1,3,5-TRINITROBENZENE	N	2	2000	0.65	UG/L	U
OC183A00	O	C18	8	1	1,3,5-TRINITROBENZENE	N	3	2000	0.7	UG/L	U
OC184A00	O	C18	8	1	1,3,5-TRINITROBENZENE	N	4	2000	0.455	UG/L	U
OC18P21A00	O	C18P2	4	2	1,3,5-TRINITROBENZENE	N	1	2000	0.7	UG/L	U

Table 7.2. Raw Data for 1,3,5-Trinitrobenzene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC18P22A00	O	C18P2	4	2	1,3,5-TRINITROBENZENE	N	2	2000	0.439995	UG/L	U
OC18P23A00	O	C18P2	4	2	1,3,5-TRINITROBENZENE	N	3	2000	0.34	UG/L	U
OC18P24A00	O	C18P2	4	2	1,3,5-TRINITROBENZENE	N	4	2000	0.479995	UG/L	U
OC191A00	O	C19	9	1	1,3,5-TRINITROBENZENE	N	1	2000	0.33	UG/L	U
OC192A00	O	C19	9	1	1,3,5-TRINITROBENZENE	N	2	2000	0.55	UG/L	U
OC193A00	O	C19	9	1	1,3,5-TRINITROBENZENE	N	3	2000	0.2	UG/L	U
OC194A00	O	C19	9	1	1,3,5-TRINITROBENZENE	N	4	2000	0.365	UG/L	U
OC19P21A00	O	C19P2	5	2	1,3,5-TRINITROBENZENE	N	1	2000	0.344995	UG/L	U
OC19P22100	O	C19P2	5	2	1,3,5-TRINITROBENZENE	N	2	2000	0.384995	UG/L	U
OC19P23A00	O	C19P2	5	2	1,3,5-TRINITROBENZENE	N	3	2000	0.34	UG/L	U
OC19P24A00	O	C19P2	5	2	1,3,5-TRINITROBENZENE	N	4	2000	0.43	UG/L	U

Table 7.3. Raw Data for 2,4-Dinitrotoluene.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	2,4-DINITROTOLUENE	N	1	2000	0.3	UG/L	U
AB022A00	A	B02	1	1	2,4-DINITROTOLUENE	N	2	2000	0.395	UG/L	U
AB023A00	A	B02	1	1	2,4-DINITROTOLUENE	N	3	2000	0.109995	UG/L	U
AB024A00	A	B02	1	1	2,4-DINITROTOLUENE	N	4	2000	0.439995	UG/L	U
AB041A00	A	B04	2	1	2,4-DINITROTOLUENE	N	1	2000	0.34	UG/L	U
AB042A00	A	B04	2	1	2,4-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AB043A00	A	B04	2	1	2,4-DINITROTOLUENE	N	3	2000	0.439995	UG/L	U
AB044A00	A	B04	2	1	2,4-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
AC02P21A00RE	A	C02P2	3	1	2,4-DINITROTOLUENE	N	1	2000	0.209995	UG/L	U
AC02P22A00	A	C02P2	3	1	2,4-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC02P23A00	A	C02P2	3	1	2,4-DINITROTOLUENE	N	3	2000	0.259995	UG/L	U
AC02P24A00	A	C02P2	3	1	2,4-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC031A00	A	C03	4	1	2,4-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
AC032A00	A	C03	4	1	2,4-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC033A00	A	C03	4	1	2,4-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
AC034A00	A	C03	4	1	2,4-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
AC041A00	A	C04	5	1	2,4-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
AC042A00	A	C04	5	1	2,4-DINITROTOLUENE	N	2	2000	0.305	UG/L	U
AC043A00	A	C04	5	1	2,4-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
AC044A00	A	C04	5	1	2,4-DINITROTOLUENE	N	4	2000	0.75	UG/L	U
AC071A00	A	C07	6	1	2,4-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
AC072A00	A	C07	6	1	2,4-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
AC073A00	A	C07	6	1	2,4-DINITROTOLUENE	N	3	2000	0.319995	UG/L	U
AC074A00	A	C07	6	1	2,4-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC08P21A00	A	C08P2	7	1	2,4-DINITROTOLUENE	N	1	2000	0.219995	UG/L	U
AC08P22A00	A	C08P2	7	1	2,4-DINITROTOLUENE	N	2	2000	0.23	UG/L	U
AC08P23A00	A	C08P2	7	1	2,4-DINITROTOLUENE	N	3	2000	0.469995	UG/L	U
AC08P24A00	A	C08P2	7	1	2,4-DINITROTOLUENE	N	4	2000	0.6	UG/L	U
AC09P21A00	A	C09P2	8	1	2,4-DINITROTOLUENE	N	1	2000	0.375	UG/L	U
AC09P22A00	A	C09P2	8	1	2,4-DINITROTOLUENE	N	2	2000	0.5	UG/L	U

Table 7.3. Raw Data for 2,4-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC09P23A00	A	C09P2	8	1	2,4-DINITROTOLUENE	N	3	2000	0.23	UG/L	U
AC09P24A00	A	C09P2	8	1	2,4-DINITROTOLUENE	N	4	2000	0.495	UG/L	U
AC101A00	A	C10	9	1	2,4-DINITROTOLUENE	N	1	2000	0.474995	UG/L	U
AC102A00	A	C10	9	1	2,4-DINITROTOLUENE	N	2	2000	0.275	UG/L	U
AC103A00	A	C10	9	1	2,4-DINITROTOLUENE	N	3	2000	0.435	UG/L	U
AC104A00	A	C10	9	1	2,4-DINITROTOLUENE	N	4	2000	0.474995	UG/L	U
AC111A00	A	C11	10	1	2,4-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
AC112A00	A	C11	10	1	2,4-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
AC113A00	A	C11	10	1	2,4-DINITROTOLUENE	N	3	2000	0.8	UG/L	U
AC114A00	A	C11	10	1	2,4-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC121A00	A	C12	11	1	2,4-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
AC122A00	A	C12	11	1	2,4-DINITROTOLUENE	N	2	2000	0.405	UG/L	U
AC123A00	A	C12	11	1	2,4-DINITROTOLUENE	N	3	2000	0.264995	UG/L	U
AC124A00	A	C12	11	1	2,4-DINITROTOLUENE	N	4	2000	0.5	UG/L	U
AC151A00	A	C15	12	1	2,4-DINITROTOLUENE	N	1	2000	0.55	UG/L	U
AC152A00	A	C15	12	1	2,4-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
AC153A00	A	C15	12	1	2,4-DINITROTOLUENE	N	3	2000	0.384995	UG/L	U
AC154A00	A	C15	12	1	2,4-DINITROTOLUENE	N	4	2000	0.234995	UG/L	U
AC171A00	A	C17	13	1	2,4-DINITROTOLUENE	N	1	2000	0.264995	UG/L	U
AC172A00	A	C17	13	1	2,4-DINITROTOLUENE	N	2	2000	0.365	UG/L	U
AC173A00	A	C17	13	1	2,4-DINITROTOLUENE	N	3	2000	0.7	UG/L	U
AC174A00	A	C17	13	1	2,4-DINITROTOLUENE	N	4	2000	0.264995	UG/L	U
AC201A00	A	C20	14	1	2,4-DINITROTOLUENE	N	1	2000	0.34	UG/L	U
AC202A00	A	C20	14	1	2,4-DINITROTOLUENE	N	2	2000	0.365	UG/L	U
AC203A00	A	C20	14	1	2,4-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
AC204A00	A	C20	14	1	2,4-DINITROTOLUENE	N	4	2000	1.6	UG/L	X
AC251A00	A	C25	15	1	2,4-DINITROTOLUENE	N	1	2000	0.365	UG/L	U
AC252A00	A	C25	15	1	2,4-DINITROTOLUENE	N	2	2000	0.449995	UG/L	U
AC253A00	A	C25	15	1	2,4-DINITROTOLUENE	N	3	2000	0.439995	UG/L	U
AC254A00	A	C25	15	1	2,4-DINITROTOLUENE	N	4	2000	0.324995	UG/L	U
AC261A00	A	C26	16	1	2,4-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
AC262A00	A	C26	16	1	2,4-DINITROTOLUENE	N	2	2000	0.6	UG/L	U
AC263A00	A	C26	16	1	2,4-DINITROTOLUENE	N	3	2000	0.209995	UG/L	U
AC264A00	A	C26	16	1	2,4-DINITROTOLUENE	N	4	2000	0.65	UG/L	U
AC271A00	A	C27	17	1	2,4-DINITROTOLUENE	N	1	2000	0.435	UG/L	U
AC272A00	A	C27	17	1	2,4-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
AC273A00	A	C27	17	1	2,4-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
AC274A00	A	C27	17	1	2,4-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
AC301A00	A	C30	18	1	2,4-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
AC302A00	A	C30	18	1	2,4-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC303A00	A	C30	18	1	2,4-DINITROTOLUENE	N	3	2000	0.324995	UG/L	U
AC304A00	A	C30	18	1	2,4-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
ACRA1A00RE	A	CRA	21	1	2,4-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
ACRA2A00	A	CRA	21	1	2,4-DINITROTOLUENE	N	2	2000	0.219995	UG/L	U
ACRA3A00	A	CRA	21	1	2,4-DINITROTOLUENE	N	3	2000	0.284995	UG/L	U

Table 7.3. Raw Data for 2,4-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRA4A00	A	CRA	21	1	2,4-DINITROTOLUENE	N	4	2000	0.469995	UG/L	U
ACRB1A00RE	A	CRB	22	1	2,4-DINITROTOLUENE	N	1	2000	0.264995	UG/L	U
ACRB2A00	A	CRB	22	1	2,4-DINITROTOLUENE	N	2	2000	0.245	UG/L	U
ACRB3A00	A	CRB	22	1	2,4-DINITROTOLUENE	N	3	2000	0.469995	UG/L	U
ACRB4A00	A	CRB	22	1	2,4-DINITROTOLUENE	N	4	2000	0.485	UG/L	U
ASPA1A00	A	SPA	19	1	2,4-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
ASPA2A00	A	SPA	19	1	2,4-DINITROTOLUENE	N	2	2000	0.479995	UG/L	U
ASPA3A00	A	SPA	19	1	2,4-DINITROTOLUENE	N	3	2000	0.46	UG/L	U
ASPA4A00	A	SPA	19	1	2,4-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
ASPC1A00	A	SPC	20	1	2,4-DINITROTOLUENE	N	1	2000	0.479995	UG/L	U
ASPC2A00	A	SPC	20	1	2,4-DINITROTOLUENE	N	2	2000	0.395	UG/L	U
ASPC3A00	A	SPC	20	1	2,4-DINITROTOLUENE	N	3	2000	0.174995	UG/L	U
ASPC4A00	A	SPC	20	1	2,4-DINITROTOLUENE	N	4	2000	0.6	UG/L	U
DC021A00	D	C02	1	1	2,4-DINITROTOLUENE	N	1	2000	0.43	UG/L	U
DC023A00	D	C02	1	1	2,4-DINITROTOLUENE	N	3	2000	0.405	UG/L	U
DC031A00	D	C03	2	1	2,4-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
DC033A00	D	C03	2	1	2,4-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
DC03P21A00	D	C03P2	1	2	2,4-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
DC03P23A00	D	C03P2	1	2	2,4-DINITROTOLUENE	N	3	2000	0.259995	UG/L	U
DC041A00	D	C04	3	1	2,4-DINITROTOLUENE	N	1	2000	0.8	UG/L	U
DC043A00	D	C04	3	1	2,4-DINITROTOLUENE	N	3	2000	0.324995	UG/L	U
DC04P21A00	D	C04P2	2	2	2,4-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
DC04P23A00	D	C04P2	2	2	2,4-DINITROTOLUENE	N	3	2000	0.144995	UG/L	U
DC051A00	D	C05	4	1	2,4-DINITROTOLUENE	N	1	2000	0.469995	UG/L	U
DC053B00	D	C05	4	1	2,4-DINITROTOLUENE	N	3	2000	0.365	UG/L	U
DC061A00	D	C06	5	1	2,4-DINITROTOLUENE	N	1	2000	0.389995	UG/L	U
DC063A00	D	C06	5	1	2,4-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
DC06P21A00	D	C06P2	3	2	2,4-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
DC06P23A00	D	C06P2	3	2	2,4-DINITROTOLUENE	N	3	2000	0.435	UG/L	U
DC071A00	D	C07	6	1	2,4-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
DC073A00	D	C07	6	1	2,4-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
DC081A00	D	C08	7	1	2,4-DINITROTOLUENE	N	1	2000	0.43	UG/L	U
DC083A00	D	C08	7	1	2,4-DINITROTOLUENE	N	3	2000	0.155	UG/L	U
DC08P21A00	D	C08P2	4	2	2,4-DINITROTOLUENE	N	1	2000	0.395	UG/L	U
DC08P23A00	D	C08P2	4	2	2,4-DINITROTOLUENE	N	3	2000	0.5	UG/L	U
FD01310001	D	C06	5	1	2,4-DINITROTOLUENE	N	1	2000	0.259995	UG/L	U
FD02140001	D	C03P2	1	2	2,4-DINITROTOLUENE	N	1	2000	0.474995	UG/L	U
FD02230001	O	C11P2	1	2	2,4-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
FD02280001	O	C13	4	1	2,4-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
FD03140001	A	SPC	20	1	2,4-DINITROTOLUENE	N	1	2000	0.384995	UG/L	U
FD03250001	A	C09P2	8	1	2,4-DINITROTOLUENE	N	1	2000	0.455	UG/L	U
FD03290001	A	SPA	19	1	2,4-DINITROTOLUENE	N	1	2000	0.95	UG/L	U
FD04190001	O	C13P2	2	2	2,4-DINITROTOLUENE	N	2	2000	0.349995	UG/L	U
FD05080001	O	C18	8	1	2,4-DINITROTOLUENE	N	2	2000	0.3	UG/L	U
FD06090001	A	CRA		1	2,4-DINITROTOLUENE	N	2	2000	0.23	UG/L	U

Table 7.3. Raw Data for 2,4-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD06230001	A	C10	9	1	2,4-DINITROTOLUENE	N	2	2000	0.414995	UG/L	U
FD06280001	A	SPC	20	1	2,4-DINITROTOLUENE	N	2	2000	0.5	UG/L	U
FD07290001	D	C05	4	1	2,4-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
FD08090001	D	C02	1	1	2,4-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
FD08250001	O	C14	5	1	2,4-DINITROTOLUENE	N	3	2000	0.28	UG/L	U
FD08300001	O	C18P2	4	2	2,4-DINITROTOLUENE	N	3	2000	0.245	UG/L	U
FD09130001	A	C12	11	1	2,4-DINITROTOLUENE	N	3	2000	0.264995	UG/L	U
FD09200001	A	CRB		1	2,4-DINITROTOLUENE	N	3	2000	1.1	UG/L	U
FD09290001	A	SPC	20	1	2,4-DINITROTOLUENE	N	3	2000	0.234995	UG/L	U
FD11190001	O	C14	5	1	2,4-DINITROTOLUENE	N	4	2000	0.8	UG/L	U
FD11200001	O	C13P2	2	2	2,4-DINITROTOLUENE	N	4	2000	0.55	UG/L	U
FD12010001	A	C09P2	8	1	2,4-DINITROTOLUENE	N	4	2000	0.439995	UG/L	U
FD12120001	A	CRB		1	2,4-DINITROTOLUENE	N	4	2000	0.61	UG/L	U
OC081A00	O	C08	1	1	2,4-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
OC082A00	O	C08	1	1	2,4-DINITROTOLUENE	N	2	2000	0.354995	UG/L	U
OC083A00	O	C08	1	1	2,4-DINITROTOLUENE	N	3	2000	0.57999	UG/L	UJ
OC084A00	O	C08	1	1	2,4-DINITROTOLUENE	N	4	2000	1.6	UG/L	P
OC111A00	O	C11	2	1	2,4-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
OC112A00	O	C11	2	1	2,4-DINITROTOLUENE	N	2	2000	0.365	UG/L	U
OC113A00	O	C11	2	1	2,4-DINITROTOLUENE	N	3	2000	0.474995	UG/L	U
OC114A00	O	C11	2	1	2,4-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
OC11P21A00	O	C11P2	1	2	2,4-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
OC11P22A00	O	C11P2	1	2	2,4-DINITROTOLUENE	N	2	2000	0.28	UG/L	U
OC11P23A00	O	C11P2	1	2	2,4-DINITROTOLUENE	N	3	2000	0.115	UG/L	U
OC11P24A00	O	C11P2	1	2	2,4-DINITROTOLUENE	N	4	2000	0.55	UG/L	U
OC121A00	O	C12	3	1	2,4-DINITROTOLUENE	N	1	2000	0.245	UG/L	U
OC122A00	O	C12	3	1	2,4-DINITROTOLUENE	N	2	2000	0.209995	UG/L	U
OC123A00	O	C12	3	1	2,4-DINITROTOLUENE	N	3	2000	0.46	UG/L	U
OC124A00	O	C12	3	1	2,4-DINITROTOLUENE	N	4	2000	0.474995	UG/L	U
OC131A00	O	C13	4	1	2,4-DINITROTOLUENE	N	1	2000	0.85	UG/L	U
OC132A00	O	C13	4	1	2,4-DINITROTOLUENE	N	2	2000	0.435	UG/L	U
OC133A00	O	C13	4	1	2,4-DINITROTOLUENE	N	3	2000	0.239995	UG/L	U
OC134A00	O	C13	4	1	2,4-DINITROTOLUENE	N	4	2000	0.239995	UG/L	U
OC13P21A00	O	C13P2	2	2	2,4-DINITROTOLUENE	N	1	2000	0.8	UG/L	U
OC13P22A00	O	C13P2	2	2	2,4-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
OC13P23A00	O	C13P2	2	2	2,4-DINITROTOLUENE	N	3	2000	0.254995	UG/L	U
OC13P24A00	O	C13P2	2	2	2,4-DINITROTOLUENE	N	4	2000	0.174995	UG/L	U
OC141A00	O	C14	5	1	2,4-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
OC142A00	O	C14	5	1	2,4-DINITROTOLUENE	N	2	2000	0.305	UG/L	U
OC143A00	O	C14	5	1	2,4-DINITROTOLUENE	N	3	2000	0.194995	UG/L	U
OC144A00	O	C14	5	1	2,4-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
OC14P21A00	O	C14P2	3	2	2,4-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
OC14P22A00	O	C14P2	3	2	2,4-DINITROTOLUENE	N	2	2000	0.234995	UG/L	U
OC14P23A00	O	C14P2	3	2	2,4-DINITROTOLUENE	N	3	2000	0.165	UG/L	U
OC14P24A00	O	C14P2	3	2	2,4-DINITROTOLUENE	N	4	2000	0.6	UG/L	U

Table 7.3. Raw Data for 2,4-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC151A00RE	O	C15	6	1	2,4-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
OC152A00	O	C15	6	1	2,4-DINITROTOLUENE	N	2	2000	0.8	UG/L	U
OC153A00	O	C15	6	1	2,4-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
OC154A00	O	C15	6	1	2,4-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
OC161A00	O	C16	7	1	2,4-DINITROTOLUENE	N	1	2000	0.289995	UG/L	U
OC162A00	O	C16	7	1	2,4-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
OC163A00	O	C16	7	1	2,4-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
OC164A00	O	C16	7	1	2,4-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
OC181A00	O	C18	8	1	2,4-DINITROTOLUENE	N	1	2000	0.31	UG/L	U
OC182A00	O	C18	8	1	2,4-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
OC183A00	O	C18	8	1	2,4-DINITROTOLUENE	N	3	2000	0.7	UG/L	U
OC184A00	O	C18	8	1	2,4-DINITROTOLUENE	N	4	2000	0.455	UG/L	U
OC18P21A00	O	C18P2	4	2	2,4-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
OC18P22A00	O	C18P2	4	2	2,4-DINITROTOLUENE	N	2	2000	0.439995	UG/L	U
OC18P23A00	O	C18P2	4	2	2,4-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
OC18P24A00	O	C18P2	4	2	2,4-DINITROTOLUENE	N	4	2000	0.479995	UG/L	U
OC191A00	O	C19	9	1	2,4-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
OC192A00	O	C19	9	1	2,4-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
OC193A00	O	C19	9	1	2,4-DINITROTOLUENE	N	3	2000	0.2	UG/L	U
OC194A00	O	C19	9	1	2,4-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
OC19P21A00	O	C19P2	5	2	2,4-DINITROTOLUENE	N	1	2000	0.344995	UG/L	U
OC19P22A00	O	C19P2	5	2	2,4-DINITROTOLUENE	N	2	2000	0.384995	UG/L	U
OC19P23A00	O	C19P2	5	2	2,4-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
OC19P24A00	O	C19P2	5	2	2,4-DINITROTOLUENE	N	4	2000	0.43	UG/L	U

Table 7.4. Raw Data for 2,6-Dinitrotoluene.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	2,6-DINITROTOLUENE	N	1	2000	0.3	UG/L	U
AB022A00	A	B02	1	1	2,6-DINITROTOLUENE	N	2	2000	0.395	UG/L	U
AB023A00	A	B02	1	1	2,6-DINITROTOLUENE	N	3	2000	0.109995	UG/L	U
AB024A00	A	B02	1	1	2,6-DINITROTOLUENE	N	4	2000	0.439995	UG/L	U
AB041A00	A	B04	2	1	2,6-DINITROTOLUENE	N	1	2000	0.34	UG/L	U
AB042A00	A	B04	2	1	2,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AB043A00	A	B04	2	1	2,6-DINITROTOLUENE	N	3	2000	0.439995	UG/L	U
AB044A00	A	B04	2	1	2,6-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
AC02P21A00RE	A	C02P2	3	1	2,6-DINITROTOLUENE	N	1	2000	0.209995	UG/L	U
AC02P22A00	A	C02P2	3	1	2,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC02P23A00	A	C02P2	3	1	2,6-DINITROTOLUENE	N	3	2000	0.259995	UG/L	U
AC02P24A00	A	C02P2	3	1	2,6-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC031A00	A	C03	4	1	2,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
AC032A00	A	C03	4	1	2,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC033A00	A	C03	4	1	2,6-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
AC034A00	A	C03	4	1	2,6-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
AC041A00	A	C04	5	1	2,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U

Table 7.4. Raw Data for 2,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC042A00	A	C04	5	1	2,6-DINITROTOLUENE	N	2	2000	0.305	UG/L	U
AC043A00	A	C04	5	1	2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
AC044A00	A	C04	5	1	2,6-DINITROTOLUENE	N	4	2000	0.75	UG/L	U
AC071A00	A	C07	6	1	2,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
AC072A00	A	C07	6	1	2,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
AC073A00	A	C07	6	1	2,6-DINITROTOLUENE	N	3	2000	0.319995	UG/L	U
AC074A00	A	C07	6	1	2,6-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC08P21A00	A	C08P2	7	1	2,6-DINITROTOLUENE	N	1	2000	0.219995	UG/L	U
AC08P22A00	A	C08P2	7	1	2,6-DINITROTOLUENE	N	2	2000	0.23	UG/L	U
AC08P23A00	A	C08P2	7	1	2,6-DINITROTOLUENE	N	3	2000	0.469995	UG/L	U
AC08P24A00	A	C08P2	7	1	2,6-DINITROTOLUENE	N	4	2000	0.6	UG/L	U
AC09P21A00	A	C09P2	8	1	2,6-DINITROTOLUENE	N	1	2000	0.375	UG/L	U
AC09P22A00	A	C09P2	8	1	2,6-DINITROTOLUENE	N	2	2000	0.5	UG/L	U
AC09P23A00	A	C09P2	8	1	2,6-DINITROTOLUENE	N	3	2000	1.3	UG/L	PX
AC09P24A00	A	C09P2	8	1	2,6-DINITROTOLUENE	N	4	2000	1	UG/L	X
AC101A00	A	C10	9	1	2,6-DINITROTOLUENE	N	1	2000	0.474995	UG/L	U
AC102A00	A	C10	9	1	2,6-DINITROTOLUENE	N	2	2000	0.275	UG/L	U
AC103A00	A	C10	9	1	2,6-DINITROTOLUENE	N	3	2000	0.435	UG/L	U
AC104A00	A	C10	9	1	2,6-DINITROTOLUENE	N	4	2000	0.474995	UG/L	U
AC111A00	A	C11	10	1	2,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
AC112A00	A	C11	10	1	2,6-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
AC113A00	A	C11	10	1	2,6-DINITROTOLUENE	N	3	2000	0.8	UG/L	U
AC114A00	A	C11	10	1	2,6-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC121A00	A	C12	11	1	2,6-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
AC122A00	A	C12	11	1	2,6-DINITROTOLUENE	N	2	2000	0.405	UG/L	U
AC123A00	A	C12	11	1	2,6-DINITROTOLUENE	N	3	2000	0.264995	UG/L	U
AC124A00	A	C12	11	1	2,6-DINITROTOLUENE	N	4	2000	0.5	UG/L	U
AC151A00	A	C15	12	1	2,6-DINITROTOLUENE	N	1	2000	0.55	UG/L	U
AC152A00	A	C15	12	1	2,6-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
AC153A00	A	C15	12	1	2,6-DINITROTOLUENE	N	3	2000	0.384995	UG/L	U
AC154A00	A	C15	12	1	2,6-DINITROTOLUENE	N	4	2000	0.234995	UG/L	U
AC171A00	A	C17	13	1	2,6-DINITROTOLUENE	N	1	2000	0.264995	UG/L	U
AC172A00	A	C17	13	1	2,6-DINITROTOLUENE	N	2	2000	0.365	UG/L	U
AC173A00	A	C17	13	1	2,6-DINITROTOLUENE	N	3	2000	0.7	UG/L	U
AC174A00	A	C17	13	1	2,6-DINITROTOLUENE	N	4	2000	0.264995	UG/L	U
AC201A00	A	C20	14	1	2,6-DINITROTOLUENE	N	1	2000	0.34	UG/L	U
AC202A00	A	C20	14	1	2,6-DINITROTOLUENE	N	2	2000	0.365	UG/L	U
AC203A00	A	C20	14	1	2,6-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
AC204A00	A	C20	14	1	2,6-DINITROTOLUENE	N	4	2000	2.2	UG/L	PX
AC251A00	A	C25	15	1	2,6-DINITROTOLUENE	N	1	2000	0.365	UG/L	U
AC252A00	A	C25	15	1	2,6-DINITROTOLUENE	N	2	2000	0.449995	UG/L	U
AC253A00	A	C25	15	1	2,6-DINITROTOLUENE	N	3	2000	0.439995	UG/L	U
AC254A00	A	C25	15	1	2,6-DINITROTOLUENE	N	4	2000	0.324995	UG/L	U
AC261A00	A	C26	16	1	2,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
AC262A00	A	C26	16	1	2,6-DINITROTOLUENE	N	2	2000	0.6	UG/L	U

Table 7.4. Raw Data for 2,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC263A00	A	C26	16	1	2,6-DINITROTOLUENE	N	3	2000	0.209995	UG/L	U
AC264A00	A	C26	16	1	2,6-DINITROTOLUENE	N	4	2000	0.65	UG/L	U
AC271A00	A	C27	17	1	2,6-DINITROTOLUENE	N	1	2000	0.435	UG/L	U
AC272A00	A	C27	17	1	2,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
AC273A00	A	C27	17	1	2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
AC274A00	A	C27	17	1	2,6-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
AC301A00	A	C30	18	1	2,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
AC302A00	A	C30	18	1	2,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC303A00	A	C30	18	1	2,6-DINITROTOLUENE	N	3	2000	0.324995	UG/L	U
AC304A00	A	C30	18	1	2,6-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
ACRA1A00RE	A	CRA	21	1	2,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
ACRA2A00	A	CRA	21	1	2,6-DINITROTOLUENE	N	2	2000	0.219995	UG/L	U
ACRA3A00	A	CRA	21	1	2,6-DINITROTOLUENE	N	3	2000	0.284995	UG/L	U
ACRA4A00	A	CRA	21	1	2,6-DINITROTOLUENE	N	4	2000	0.469995	UG/L	U
ACRB1A00RE	A	CRB	22	1	2,6-DINITROTOLUENE	N	1	2000	0.264995	UG/L	U
ACRB2A00	A	CRB	22	1	2,6-DINITROTOLUENE	N	2	2000	0.245	UG/L	U
ACRB3A00	A	CRB	22	1	2,6-DINITROTOLUENE	N	3	2000	0.469995	UG/L	U
ACRB4A00	A	CRB	22	1	2,6-DINITROTOLUENE	N	4	2000	0.485	UG/L	U
ASPA1A00	A	SPA	19	1	2,6-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
ASPA2A00	A	SPA	19	1	2,6-DINITROTOLUENE	N	2	2000	0.479995	UG/L	U
ASPA3A00	A	SPA	19	1	2,6-DINITROTOLUENE	N	3	2000	0.46	UG/L	U
ASPA4A00	A	SPA	19	1	2,6-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
ASPC1A00	A	SPC	20	1	2,6-DINITROTOLUENE	N	1	2000	0.479995	UG/L	U
ASPC2A00	A	SPC	20	1	2,6-DINITROTOLUENE	N	2	2000	0.395	UG/L	U
ASPC3A00	A	SPC	20	1	2,6-DINITROTOLUENE	N	3	2000	0.174995	UG/L	U
ASPC4A00	A	SPC	20	1	2,6-DINITROTOLUENE	N	4	2000	0.6	UG/L	U
DC021A00	D	C02	1	1	2,6-DINITROTOLUENE	N	1	2000	0.43	UG/L	U
DC023A00	D	C02	1	1	2,6-DINITROTOLUENE	N	3	2000	0.405	UG/L	U
DC031A00	D	C03	2	1	2,6-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
DC033A00	D	C03	2	1	2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
DC03P21A00	D	C03P2	1	2	2,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
DC03P23A00	D	C03P2	1	2	2,6-DINITROTOLUENE	N	3	2000	0.259995	UG/L	U
DC041A00	D	C04	3	1	2,6-DINITROTOLUENE	N	1	2000	0.8	UG/L	U
DC043A00	D	C04	3	1	2,6-DINITROTOLUENE	N	3	2000	0.324995	UG/L	U
DC04P21A00	D	C04P2	2	2	2,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
DC04P23A00	D	C04P2	2	2	2,6-DINITROTOLUENE	N	3	2000	0.144995	UG/L	U
DC051A00	D	C05	4	1	2,6-DINITROTOLUENE	N	1	2000	0.469995	UG/L	U
DC053B00	D	C05	4	1	2,6-DINITROTOLUENE	N	3	2000	0.365	UG/L	U
DC061A00	D	C06	5	1	2,6-DINITROTOLUENE	N	1	2000	0.389995	UG/L	U
DC063A00	D	C06	5	1	2,6-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
DC06P21A00	D	C06P2	3	2	2,6-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
DC06P23A00	D	C06P2	3	2	2,6-DINITROTOLUENE	N	3	2000	0.435	UG/L	U
DC071A00	D	C07	6	1	2,6-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
DC073A00	D	C07	6	1	2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
DC081A00	D	C08	7	1	2,6-DINITROTOLUENE	N	1	2000	0.43	UG/L	U

Table 7.4. Raw Data for 2,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC083A00	D	C08	7	1	2,6-DINITROTOLUENE	N	3	2000	0.155	UG/L	U
DC08P21A00	D	C08P2	4	2	2,6-DINITROTOLUENE	N	1	2000	0.395	UG/L	U
DC08P23A00	D	C08P2	4	2	2,6-DINITROTOLUENE	N	3	2000	0.5	UG/L	U
FD01310001	D	C06	5	1	2,6-DINITROTOLUENE	N	1	2000	0.259995	UG/L	U
FD02140001	D	C03P2	1	2	2,6-DINITROTOLUENE	N	1	2000	0.474995	UG/L	U
FD02230001	O	C11P2	1	2	2,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
FD02280001	O	C13	4	1	2,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
FD03140001	A	SPC	20	1	2,6-DINITROTOLUENE	N	1	2000	0.384995	UG/L	U
FD03250001	A	C09P2	8	1	2,6-DINITROTOLUENE	N	1	2000	0.455	UG/L	U
FD03290001	A	SPA	19	1	2,6-DINITROTOLUENE	N	1	2000	0.95	UG/L	U
FD04190001	O	C13P2	2	2	2,6-DINITROTOLUENE	N	2	2000	0.349995	UG/L	U
FD05080001	O	C18	8	1	2,6-DINITROTOLUENE	N	2	2000	0.3	UG/L	U
FD06090001	A	CRA		1	2,6-DINITROTOLUENE	N	2	2000	0.23	UG/L	U
FD06230001	A	C10	9	1	2,6-DINITROTOLUENE	N	2	2000	0.414995	UG/L	U
FD06280001	A	SPC	20	1	2,6-DINITROTOLUENE	N	2	2000	0.5	UG/L	U
FD07290001	D	C05	4	1	2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
FD08090001	D	C02	1	1	2,6-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
FD08250001	O	C14	5	1	2,6-DINITROTOLUENE	N	3	2000	0.28	UG/L	U
FD08300001	O	C18P2	4	2	2,6-DINITROTOLUENE	N	3	2000	0.245	UG/L	U
FD09130001	A	C12	11	1	2,6-DINITROTOLUENE	N	3	2000	0.264995	UG/L	U
FD09200001	A	CRB		1	2,6-DINITROTOLUENE	N	3	2000	1.1	UG/L	U
FD09290001	A	SPC	20	1	2,6-DINITROTOLUENE	N	3	2000	0.234995	UG/L	U
FD11190001	O	C14	5	1	2,6-DINITROTOLUENE	N	4	2000	0.8	UG/L	U
FD11200001	O	C13P2	2	2	2,6-DINITROTOLUENE	N	4	2000	0.55	UG/L	U
FD12010001	A	C09P2	8	1	2,6-DINITROTOLUENE	N	4	2000	1.1	UG/L	X
FD12120001	A	CRB		1	2,6-DINITROTOLUENE	N	4	2000	0.61	UG/L	U
OC081A00	O	C08	1	1	2,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
OC082A00	O	C08	1	1	2,6-DINITROTOLUENE	N	2	2000	0.354995	UG/L	U
OC083A00	O	C08	1	1	2,6-DINITROTOLUENE	N	3	2000	0.57999	UG/L	UJ
OC084A00	O	C08	1	1	2,6-DINITROTOLUENE	N	4	2000	0.264995	UG/L	U
OC111A00	O	C11	2	1	2,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
OC112A00	O	C11	2	1	2,6-DINITROTOLUENE	N	2	2000	0.365	UG/L	U
OC113A00	O	C11	2	1	2,6-DINITROTOLUENE	N	3	2000	0.474995	UG/L	U
OC114A00	O	C11	2	1	2,6-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
OC11P21A00	O	C11P2	1	2	2,6-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
OC11P22A00	O	C11P2	1	2	2,6-DINITROTOLUENE	N	2	2000	0.28	UG/L	U
OC11P23A00	O	C11P2	1	2	2,6-DINITROTOLUENE	N	3	2000	0.115	UG/L	U
OC11P24A00	O	C11P2	1	2	2,6-DINITROTOLUENE	N	4	2000	0.55	UG/L	U
OC121A00	O	C12	3	1	2,6-DINITROTOLUENE	N	1	2000	0.245	UG/L	U
OC122A00	O	C12	3	1	2,6-DINITROTOLUENE	N	2	2000	0.209995	UG/L	U
OC123A00	O	C12	3	1	2,6-DINITROTOLUENE	N	3	2000	0.46	UG/L	U
OC124A00	O	C12	3	1	2,6-DINITROTOLUENE	N	4	2000	0.474995	UG/L	U
OC131A00	O	C13	4	1	2,6-DINITROTOLUENE	N	1	2000	0.85	UG/L	U
OC132A00	O	C13	4	1	2,6-DINITROTOLUENE	N	2	2000	0.435	UG/L	U
OC133A00	O	C13	4	1	2,6-DINITROTOLUENE	N	3	2000	0.239995	UG/L	U

Table 7.4. Raw Data for 2,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC134A00	O	C13	4	1	2,6-DINITROTOLUENE	N	4	2000	0.239995	UG/L	U
OC13P21A00	O	C13P2	2	2	2,6-DINITROTOLUENE	N	1	2000	0.8	UG/L	U
OC13P22A00	O	C13P2	2	2	2,6-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
OC13P23A00	O	C13P2	2	2	2,6-DINITROTOLUENE	N	3	2000	0.254995	UG/L	U
OC13P24A00	O	C13P2	2	2	2,6-DINITROTOLUENE	N	4	2000	0.174995	UG/L	U
OC141A00	O	C14	5	1	2,6-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
OC142A00	O	C14	5	1	2,6-DINITROTOLUENE	N	2	2000	0.305	UG/L	U
OC143A00	O	C14	5	1	2,6-DINITROTOLUENE	N	3	2000	0.194995	UG/L	U
OC144A00	O	C14	5	1	2,6-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
OC14P21A00	O	C14P2	3	2	2,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
OC14P22A00	O	C14P2	3	2	2,6-DINITROTOLUENE	N	2	2000	0.234995	UG/L	U
OC14P23A00	O	C14P2	3	2	2,6-DINITROTOLUENE	N	3	2000	0.165	UG/L	U
OC14P24A00	O	C14P2	3	2	2,6-DINITROTOLUENE	N	4	2000	0.6	UG/L	U
OC151A00RE	O	C15	6	1	2,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
OC152A00	O	C15	6	1	2,6-DINITROTOLUENE	N	2	2000	0.8	UG/L	U
OC153A00	O	C15	6	1	2,6-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
OC154A00	O	C15	6	1	2,6-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
OC161A00	O	C16	7	1	2,6-DINITROTOLUENE	N	1	2000	0.289995	UG/L	U
OC162A00	O	C16	7	1	2,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
OC163A00	O	C16	7	1	2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
OC164A00	O	C16	7	1	2,6-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
OC181A00	O	C18	8	1	2,6-DINITROTOLUENE	N	1	2000	0.31	UG/L	U
OC182A00	O	C18	8	1	2,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
OC183A00	O	C18	8	1	2,6-DINITROTOLUENE	N	3	2000	0.7	UG/L	U
OC184A00	O	C18	8	1	2,6-DINITROTOLUENE	N	4	2000	0.455	UG/L	U
OC18P21A00	O	C18P2	4	2	2,6-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
OC18P22A00	O	C18P2	4	2	2,6-DINITROTOLUENE	N	2	2000	0.439995	UG/L	U
OC18P23A00	O	C18P2	4	2	2,6-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
OC18P24A00	O	C18P2	4	2	2,6-DINITROTOLUENE	N	4	2000	0.479995	UG/L	U
OC191A00	O	C19	9	1	2,6-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
OC192A00	O	C19	9	1	2,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
OC193A00	O	C19	9	1	2,6-DINITROTOLUENE	N	3	2000	0.2	UG/L	U
OC194A00	O	C19	9	1	2,6-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
OC19P21A00	O	C19P2	5	2	2,6-DINITROTOLUENE	N	1	2000	0.344995	UG/L	U
OC19P22A00	O	C19P2	5	2	2,6-DINITROTOLUENE	N	2	2000	0.384995	UG/L	U
OC19P23A00	O	C19P2	5	2	2,6-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
OC19P24A00	O	C19P2	5	2	2,6-DINITROTOLUENE	N	4	2000	0.43	UG/L	U

Table 7.5. Raw Data for 2-Amino-4,6-Dinitrotoluene.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.3	UG/L	U
AB022A00	A	B02	1	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.395	UG/L	U
AB023A00	A	B02	1	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.109995	UG/L	U
AB024A00	A	B02	1	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.439995	UG/L	U
AB041A00	A	B04	2	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.34	UG/L	U
AB042A00	A	B04	2	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AB043A00	A	B04	2	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.439995	UG/L	U
AB044A00	A	B04	2	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
AC02P21A00RE	A	C02P2	3	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.209995	UG/L	U
AC02P22A00	A	C02P2	3	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC02P23A00	A	C02P2	3	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.259995	UG/L	U
AC02P24A00	A	C02P2	3	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC031A00	A	C03	4	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
AC032A00	A	C03	4	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC033A00	A	C03	4	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
AC034A00	A	C03	4	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
AC041A00	A	C04	5	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
AC042A00	A	C04	5	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.305	UG/L	U
AC043A00	A	C04	5	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
AC044A00	A	C04	5	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.75	UG/L	U
AC071A00	A	C07	6	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
AC072A00	A	C07	6	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
AC073A00	A	C07	6	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.319995	UG/L	U
AC074A00	A	C07	6	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC08P21A00	A	C08P2	7	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	2.9	UG/L	P
AC08P22A00	A	C08P2	7	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	3.1	UG/L	PX
AC08P23A00	A	C08P2	7	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	2	UG/L	P
AC08P24A00	A	C08P2	7	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	2.7	UG/L	
AC09P21A00	A	C09P2	8	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.375	UG/L	U
AC09P22A00	A	C09P2	8	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.5	UG/L	U
AC09P23A00	A	C09P2	8	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.23	UG/L	U
AC09P24A00	A	C09P2	8	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.495	UG/L	U
AC101A00	A	C10	9	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.474995	UG/L	U
AC102A00	A	C10	9	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.275	UG/L	U
AC103A00	A	C10	9	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.435	UG/L	U
AC104A00	A	C10	9	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.474995	UG/L	U
AC111A00	A	C11	10	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
AC112A00	A	C11	10	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
AC113A00	A	C11	10	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.8	UG/L	U
AC114A00	A	C11	10	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC121A00	A	C12	11	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
AC122A00	A	C12	11	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.405	UG/L	U
AC123A00	A	C12	11	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.264995	UG/L	U
AC124A00	A	C12	11	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.5	UG/L	U

Table 7.5. Raw Data for 2-Amino-4,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC151A00	A	C15	12	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.55	UG/L	U
AC152A00	A	C15	12	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
AC153A00	A	C15	12	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.384995	UG/L	U
AC154A00	A	C15	12	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.234995	UG/L	U
AC171A00	A	C17	13	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.264995	UG/L	U
AC172A00	A	C17	13	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.365	UG/L	U
AC173A00	A	C17	13	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.7	UG/L	U
AC174A00	A	C17	13	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.264995	UG/L	U
AC201A00	A	C20	14	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	12	UG/L	PX
AC202A00	A	C20	14	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	14	UG/L	X
AC203A00	A	C20	14	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	12	UG/L	
AC204A00	A	C20	14	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	11	UG/L	X
AC251A00	A	C25	15	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.365	UG/L	U
AC252A00	A	C25	15	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.449995	UG/L	U
AC253A00	A	C25	15	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.439995	UG/L	U
AC254A00	A	C25	15	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.324995	UG/L	U
AC261A00	A	C26	16	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
AC262A00	A	C26	16	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.6	UG/L	U
AC263A00	A	C26	16	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.209995	UG/L	U
AC264A00	A	C26	16	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.65	UG/L	U
AC271A00	A	C27	17	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.435	UG/L	U
AC272A00	A	C27	17	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
AC273A00	A	C27	17	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
AC274A00	A	C27	17	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
AC301A00	A	C30	18	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
AC302A00	A	C30	18	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC303A00	A	C30	18	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.324995	UG/L	U
AC304A00	A	C30	18	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
ACRA1A00RE	A	CRA	21	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
ACRA2A00	A	CRA	21	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.74	UG/L	
ACRA3A00	A	CRA	21	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.56999	UG/L	P
ACRA4A00	A	CRA	21	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.469995	UG/L	U
ACRB1A00RE	A	CRB	22	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.264995	UG/L	U
ACRB2A00	A	CRB	22	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.245	UG/L	U
ACRB3A00	A	CRB	22	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.469995	UG/L	U
ACRB4A00	A	CRB	22	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.485	UG/L	U
ASPA1A00	A	SPA	19	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
ASPA2A00	A	SPA	19	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.479995	UG/L	U
ASPA3A00	A	SPA	19	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.46	UG/L	U
ASPA4A00	A	SPA	19	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
ASPC1A00	A	SPC	20	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.479995	UG/L	U
ASPC2A00	A	SPC	20	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.395	UG/L	U
ASPC3A00	A	SPC	20	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.174995	UG/L	U
ASPC4A00	A	SPC	20	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.6	UG/L	U
DC021A00	D	C02	1	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.43	UG/L	U

Table 7.5. Raw Data for 2-Amino-4,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC023A00	D	C02	1	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.405	UG/L	U
DC031A00	D	C03	2	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
DC033A00	D	C03	2	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
DC03P21A00	D	C03P2	1	2	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
DC03P23A00	D	C03P2	1	2	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.259995	UG/L	U
DC041A00	D	C04	3	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.8	UG/L	U
DC043A00	D	C04	3	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.324995	UG/L	U
DC04P21A00	D	C04P2	2	2	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
DC04P23A00	D	C04P2	2	2	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.144995	UG/L	U
DC051A00	D	C05	4	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.469995	UG/L	U
DC053B00	D	C05	4	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.365	UG/L	U
DC061A00	D	C06	5	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.389995	UG/L	U
DC063A00	D	C06	5	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
DC06P21A00	D	C06P2	3	2	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
DC06P23A00	D	C06P2	3	2	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.435	UG/L	U
DC071A00	D	C07	6	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
DC073A00	D	C07	6	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
DC081A00	D	C08	7	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.43	UG/L	U
DC083A00	D	C08	7	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.155	UG/L	U
DC08P21A00	D	C08P2	4	2	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.395	UG/L	U
DC08P23A00	D	C08P2	4	2	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.5	UG/L	U
FD01310001	D	C06	5	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.259995	UG/L	U
FD02140001	D	C03P2	1	2	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.474995	UG/L	U
FD02230001	O	C11P2	1	2	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
FD02280001	O	C13	4	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
FD03140001	A	SPC	20	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.384995	UG/L	U
FD03250001	A	C09P2	8	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.455	UG/L	U
FD03290001	A	SPA	19	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.95	UG/L	U
FD04190001	O	C13P2	2	2	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.349995	UG/L	U
FD05080001	O	C18	8	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.3	UG/L	U
FD06090001	A	CRA		1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.66	UG/L	P
FD06230001	A	C10	9	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.414995	UG/L	U
FD06280001	A	SPC	20	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.5	UG/L	U
FD07290001	D	C05	4	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
FD08090001	D	C02	1	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
FD08250001	O	C14	5	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.28	UG/L	U
FD08300001	O	C18P2	4	2	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.245	UG/L	U
FD09130001	A	C12	11	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.264995	UG/L	U
FD09200001	A	CRB		1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	1.1	UG/L	U
FD09290001	A	SPC	20	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.234995	UG/L	U
FD11190001	O	C14	5	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.8	UG/L	U
FD11200001	O	C13P2	2	2	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.55	UG/L	U
FD12010001	A	C09P2	8	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.439995	UG/L	U
FD12120001	A	CRB		1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.61	UG/L	U
OC081A00	O	C08	1	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U

Table 7.5. Raw Data for 2-Amino-4,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC082A00	O	C08	1	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.354995	UG/L	U
OC083A00	O	C08	1	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.57999	UG/L	UJ
OC084A00	O	C08	1	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.264995	UG/L	U
OC111A00	O	C11	2	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
OC112A00	O	C11	2	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.365	UG/L	U
OC113A00	O	C11	2	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.474995	UG/L	U
OC114A00	O	C11	2	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
OC11P21A00	O	C11P2	1	2	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
OC11P22A00	O	C11P2	1	2	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.28	UG/L	U
OC11P23A00	O	C11P2	1	2	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.115	UG/L	U
OC11P24A00	O	C11P2	1	2	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.55	UG/L	U
OC121A00	O	C12	3	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.245	UG/L	U
OC122A00	O	C12	3	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.209995	UG/L	U
OC123A00	O	C12	3	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.46	UG/L	U
OC124A00	O	C12	3	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.474995	UG/L	U
OC131A00	O	C13	4	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.85	UG/L	U
OC132A00	O	C13	4	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.435	UG/L	U
OC133A00	O	C13	4	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.239995	UG/L	U
OC134A00	O	C13	4	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.239995	UG/L	U
OC13P21A00	O	C13P2	2	2	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.8	UG/L	U
OC13P22A00	O	C13P2	2	2	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
OC13P23A00	O	C13P2	2	2	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.254995	UG/L	U
OC13P24A00	O	C13P2	2	2	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.174995	UG/L	U
OC141A00	O	C14	5	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
OC142A00	O	C14	5	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.305	UG/L	U
OC143A00	O	C14	5	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.194995	UG/L	U
OC144A00	O	C14	5	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
OC14P21A00	O	C14P2	3	2	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
OC14P22A00	O	C14P2	3	2	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.234995	UG/L	U
OC14P23A00	O	C14P2	3	2	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.165	UG/L	U
OC14P24A00	O	C14P2	3	2	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.6	UG/L	U
OC151A00RE	O	C15	6	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	3.7	UG/L	P
OC152A00	O	C15	6	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	3.4	UG/L	
OC153A00	O	C15	6	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	3.4	UG/L	
OC154A00	O	C15	6	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	3.7	UG/L	
OC161A00	O	C16	7	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.289995	UG/L	U
OC162A00	O	C16	7	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
OC163A00	O	C16	7	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
OC164A00	O	C16	7	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
OC181A00	O	C18	8	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.31	UG/L	U
OC182A00	O	C18	8	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
OC183A00	O	C18	8	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.7	UG/L	U
OC184A00	O	C18	8	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.455	UG/L	U
OC18P21A00	O	C18P2	4	2	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
OC18P22A00	O	C18P2	4	2	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.439995	UG/L	U

Table 7.5. Raw Data for 2-Amino-4,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC18P23A00	O	C18P2	4	2	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
OC18P24A00	O	C18P2	4	2	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.479995	UG/L	U
OC191A00	O	C19	9	1	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
OC192A00	O	C19	9	1	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
OC193A00	O	C19	9	1	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.2	UG/L	U
OC194A00	O	C19	9	1	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
OC19P21A00	O	C19P2	5	2	2-AMINO-4,6-DINITROTOLUENE	N	1	2000	0.344995	UG/L	U
OC19P22A00	O	C19P2	5	2	2-AMINO-4,6-DINITROTOLUENE	N	2	2000	0.384995	UG/L	U
OC19P23A00	O	C19P2	5	2	2-AMINO-4,6-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
OC19P24A00	O	C19P2	5	2	2-AMINO-4,6-DINITROTOLUENE	N	4	2000	0.43	UG/L	U

Table 7.6. Raw Data for 4-Amino-2,6-Dinitrotoluene.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.3	UG/L	U
AB022A00	A	B02	1	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.395	UG/L	U
AB023A00	A	B02	1	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.109995	UG/L	U
AB024A00	A	B02	1	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.439995	UG/L	U
AB041A00	A	B04	2	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.34	UG/L	U
AB042A00	A	B04	2	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AB043A00	A	B04	2	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.439995	UG/L	U
AB044A00	A	B04	2	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
AC02P21A00RE	A	C02P2	3	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.209995	UG/L	U
AC02P22A00	A	C02P2	3	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC02P23A00	A	C02P2	3	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.259995	UG/L	U
AC02P24A00	A	C02P2	3	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC031A00	A	C03	4	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
AC032A00	A	C03	4	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC033A00	A	C03	4	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
AC034A00	A	C03	4	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
AC041A00	A	C04	5	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
AC042A00	A	C04	5	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.305	UG/L	U
AC043A00	A	C04	5	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
AC044A00	A	C04	5	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.75	UG/L	U
AC071A00	A	C07	6	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
AC072A00	A	C07	6	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
AC073A00	A	C07	6	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.319995	UG/L	U
AC074A00	A	C07	6	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC08P21A00	A	C08P2	7	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	3.9	UG/L	
AC08P22A00	A	C08P2	7	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	4.5	UG/L	X
AC08P23A00	A	C08P2	7	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	3.4	UG/L	
AC08P24A00	A	C08P2	7	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	4.2	UG/L	
AC09P21A00	A	C09P2	8	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.375	UG/L	U
AC09P22A00	A	C09P2	8	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.5	UG/L	U
AC09P23A00	A	C09P2	8	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.23	UG/L	U

Table 7.6. Raw Data for 4-Amino-2,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC09P24A00	A	C09P2	8	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.495	UG/L	U
AC101A00	A	C10	9	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.474995	UG/L	U
AC102A00	A	C10	9	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.70999	UG/L	PX
AC103A00	A	C10	9	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	1	UG/L	P
AC104A00	A	C10	9	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	1.4	UG/L	X
AC111A00	A	C11	10	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
AC112A00	A	C11	10	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
AC113A00	A	C11	10	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.8	UG/L	U
AC114A00	A	C11	10	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC121A00	A	C12	11	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
AC122A00	A	C12	11	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.405	UG/L	U
AC123A00	A	C12	11	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.264995	UG/L	U
AC124A00	A	C12	11	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.5	UG/L	U
AC151A00	A	C15	12	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.55	UG/L	U
AC152A00	A	C15	12	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
AC153A00	A	C15	12	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.384995	UG/L	U
AC154A00	A	C15	12	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.234995	UG/L	U
AC171A00	A	C17	13	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.264995	UG/L	U
AC172A00	A	C17	13	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.365	UG/L	U
AC173A00	A	C17	13	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.7	UG/L	U
AC174A00	A	C17	13	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.264995	UG/L	U
AC201A00	A	C20	14	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	14	UG/L	PX
AC202A00	A	C20	14	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	18	UG/L	X
AC203A00	A	C20	14	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	17	UG/L	
AC204A00	A	C20	14	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	16	UG/L	X
AC251A00	A	C25	15	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.365	UG/L	U
AC252A00	A	C25	15	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.449995	UG/L	U
AC253A00	A	C25	15	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.439995	UG/L	U
AC254A00	A	C25	15	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.324995	UG/L	U
AC261A00	A	C26	16	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
AC262A00	A	C26	16	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.6	UG/L	U
AC263A00	A	C26	16	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.209995	UG/L	U
AC264A00	A	C26	16	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.65	UG/L	U
AC271A00	A	C27	17	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.435	UG/L	U
AC272A00	A	C27	17	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
AC273A00	A	C27	17	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
AC274A00	A	C27	17	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
AC301A00	A	C30	18	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
AC302A00	A	C30	18	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC303A00	A	C30	18	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.324995	UG/L	U
AC304A00	A	C30	18	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
ACRA1A00RE	A	CRA	21	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
ACRA2A00	A	CRA	21	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	1.5	UG/L	P
ACRA3A00	A	CRA	21	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	1.4	UG/L	
ACRA4A00	A	CRA	21	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.469995	UG/L	U

Table 7.6. Raw Data for 4-Amino-2,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRB1A00RE	A	CRB	22	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.264995	UG/L	U
ACRB2A00	A	CRB	22	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.245	UG/L	U
ACRB3A00	A	CRB	22	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.469995	UG/L	U
ACRB4A00	A	CRB	22	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.485	UG/L	U
ASPA1A00	A	SPA	19	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
ASPA2A00	A	SPA	19	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	1	UG/L	P
ASPA3A00	A	SPA	19	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.97	UG/L	
ASPA4A00	A	SPA	19	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
ASPC1A00	A	SPC	20	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.479995	UG/L	U
ASPC2A00	A	SPC	20	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.395	UG/L	U
ASPC3A00	A	SPC	20	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.174995	UG/L	U
ASPC4A00	A	SPC	20	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.6	UG/L	U
DC021A00	D	C02	1	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.43	UG/L	U
DC023A00	D	C02	1	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.405	UG/L	U
DC031A00	D	C03	2	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
DC033A00	D	C03	2	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
DC03P21A00	D	C03P2	1	2	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
DC03P23A00	D	C03P2	1	2	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.259995	UG/L	U
DC041A00	D	C04	3	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.8	UG/L	U
DC043A00	D	C04	3	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.324995	UG/L	U
DC04P21A00	D	C04P2	2	2	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.65	UG/L	U
DC04P23A00	D	C04P2	2	2	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.144995	UG/L	U
DC051A00	D	C05	4	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.469995	UG/L	U
DC053B00	D	C05	4	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.365	UG/L	U
DC061A00	D	C06	5	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.389995	UG/L	U
DC063A00	D	C06	5	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
DC06P21A00	D	C06P2	3	2	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
DC06P23A00	D	C06P2	3	2	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.435	UG/L	U
DC071A00	D	C07	6	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
DC073A00	D	C07	6	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
DC081A00	D	C08	7	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.43	UG/L	U
DC083A00	D	C08	7	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.155	UG/L	U
DC08P21A00	D	C08P2	4	2	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.395	UG/L	U
DC08P23A00	D	C08P2	4	2	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.5	UG/L	U
FD01310001	D	C06	5	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.259995	UG/L	U
FD02140001	D	C03P2	1	2	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.474995	UG/L	U
FD02230001	O	C11P2	1	2	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
FD02280001	O	C13	4	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
FD03140001	A	SPC	20	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.384995	UG/L	U
FD03250001	A	C09P2	8	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.455	UG/L	U
FD03290001	A	SPA	19	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.95	UG/L	U
FD04190001	O	C13P2	2	2	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.349995	UG/L	U
FD05080001	O	C18	8	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.3	UG/L	U
FD06090001	A	CRA		1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	1.4	UG/L	P
FD06230001	A	C10	9	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.414995	UG/L	U

Table 7.6. Raw Data for 4-Amino-2,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD06280001	A	SPC	20	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.5	UG/L	U
FD07290001	D	C05	4	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
FD08090001	D	C02	1	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.6	UG/L	U
FD08250001	O	C14	5	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.28	UG/L	U
FD08300001	O	C18P2	4	2	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.245	UG/L	U
FD09130001	A	C12	11	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.264995	UG/L	U
FD09200001	A	CRB		1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	1.1	UG/L	U
FD09290001	A	SPC	20	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.234995	UG/L	U
FD11190001	O	C14	5	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.8	UG/L	U
FD11200001	O	C13P2	2	2	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.55	UG/L	U
FD12010001	A	C09P2	8	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.439995	UG/L	U
FD12120001	A	CRB		1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.61	UG/L	U
OC081A00	O	C08	1	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
OC082A00	O	C08	1	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.354995	UG/L	U
OC083A00	O	C08	1	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.57999	UG/L	UJ
OC084A00	O	C08	1	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.264995	UG/L	U
OC111A00	O	C11	2	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.5	UG/L	U
OC112A00	O	C11	2	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.365	UG/L	U
OC113A00	O	C11	2	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.474995	UG/L	U
OC114A00	O	C11	2	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
OC11P21A00	O	C11P2	1	2	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
OC11P22A00	O	C11P2	1	2	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.28	UG/L	U
OC11P23A00	O	C11P2	1	2	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.115	UG/L	U
OC11P24A00	O	C11P2	1	2	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.55	UG/L	U
OC121A00	O	C12	3	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.245	UG/L	U
OC122A00	O	C12	3	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.209995	UG/L	U
OC123A00	O	C12	3	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.46	UG/L	U
OC124A00	O	C12	3	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.474995	UG/L	U
OC131A00	O	C13	4	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.85	UG/L	U
OC132A00	O	C13	4	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.435	UG/L	U
OC133A00	O	C13	4	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.239995	UG/L	U
OC134A00	O	C13	4	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.239995	UG/L	U
OC13P21A00	O	C13P2	2	2	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.8	UG/L	U
OC13P22A00	O	C13P2	2	2	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.289995	UG/L	U
OC13P23A00	O	C13P2	2	2	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.254995	UG/L	U
OC13P24A00	O	C13P2	2	2	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.174995	UG/L	U
OC141A00	O	C14	5	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.23	UG/L	U
OC142A00	O	C14	5	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.305	UG/L	U
OC143A00	O	C14	5	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.194995	UG/L	U
OC144A00	O	C14	5	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.7	UG/L	U
OC14P21A00	O	C14P2	3	2	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.6	UG/L	U
OC14P22A00	O	C14P2	3	2	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.234995	UG/L	U
OC14P23A00	O	C14P2	3	2	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.165	UG/L	U
OC14P24A00	O	C14P2	3	2	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.6	UG/L	U
OC151A00RE	O	C15	6	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	4.3	UG/L	

Table 7.6. Raw Data for 4-Amino-2,6-Dinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC152A00	O	C15	6	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	3.6	UG/L	P
OC153A00	O	C15	6	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	4.4	UG/L	
OC154A00	O	C15	6	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	4.4	UG/L	
OC161A00	O	C16	7	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.289995	UG/L	U
OC162A00	O	C16	7	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
OC163A00	O	C16	7	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.55	UG/L	U
OC164A00	O	C16	7	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.34	UG/L	U
OC181A00	O	C18	8	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.31	UG/L	U
OC182A00	O	C18	8	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.65	UG/L	U
OC183A00	O	C18	8	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.7	UG/L	U
OC184A00	O	C18	8	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.455	UG/L	U
OC18P21A00	O	C18P2	4	2	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.7	UG/L	U
OC18P22A00	O	C18P2	4	2	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.439995	UG/L	U
OC18P23A00	O	C18P2	4	2	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
OC18P24A00	O	C18P2	4	2	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.479995	UG/L	U
OC191A00	O	C19	9	1	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.33	UG/L	U
OC192A00	O	C19	9	1	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.55	UG/L	U
OC193A00	O	C19	9	1	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.2	UG/L	U
OC194A00	O	C19	9	1	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.365	UG/L	U
OC19P21A00	O	C19P2	5	2	4-AMINO-2,6-DINITROTOLUENE	N	1	2000	0.344995	UG/L	U
OC19P22A00	O	C19P2	5	2	4-AMINO-2,6-DINITROTOLUENE	N	2	2000	0.384995	UG/L	U
OC19P23A00	O	C19P2	5	2	4-AMINO-2,6-DINITROTOLUENE	N	3	2000	0.34	UG/L	U
OC19P24A00	O	C19P2	5	2	4-AMINO-2,6-DINITROTOLUENE	N	4	2000	0.43	UG/L	U

Table 7.7. Raw Data for HMX.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	HMX	N	1	2000	0.3	UG/L	U
AB022A00	A	B02	1	1	HMX	N	2	2000	0.395	UG/L	U
AB023A00	A	B02	1	1	HMX	N	3	2000	0.109995	UG/L	U
AB024A00	A	B02	1	1	HMX	N	4	2000	0.439995	UG/L	U
AB041A00	A	B04	2	1	HMX	N	1	2000	0.34	UG/L	U
AB042A00	A	B04	2	1	HMX	N	2	2000	0.55	UG/L	U
AB043A00	A	B04	2	1	HMX	N	3	2000	0.439995	UG/L	U
AB044A00	A	B04	2	1	HMX	N	4	2000	0.7	UG/L	U
AC02P21A00RE	A	C02P2	3	1	HMX	N	1	2000	26	UG/L	J
AC02P22A00	A	C02P2	3	1	HMX	N	2	2000	30	UG/L	
AC02P23A00	A	C02P2	3	1	HMX	N	3	2000	27	UG/L	
AC02P24A00	A	C02P2	3	1	HMX	N	4	2000	4.5	UG/L	P
AC031A00	A	C03	4	1	HMX	N	1	2000	0.6	UG/L	U
AC032A00	A	C03	4	1	HMX	N	2	2000	0.55	UG/L	U
AC033A00	A	C03	4	1	HMX	N	3	2000	0.34	UG/L	U
AC034A00	A	C03	4	1	HMX	N	4	2000	0.7	UG/L	U
AC041A00	A	C04	5	1	HMX	N	1	2000	0.5	UG/L	U
AC042A00	A	C04	5	1	HMX	N	2	2000	0.305	UG/L	U

Table 7.7. Raw Data for HMX. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC043A00	A	C04	5	1	HMX	N	3	2000	0.55	UG/L	U
AC044A00	A	C04	5	1	HMX	N	4	2000	0.75	UG/L	U
AC071A00	A	C07	6	1	HMX	N	1	2000	9.5	UG/L	
AC072A00	A	C07	6	1	HMX	N	2	2000	6.6	UG/L	
AC073A00	A	C07	6	1	HMX	N	3	2000	8	UG/L	
AC074A00	A	C07	6	1	HMX	N	4	2000	4.8	UG/L	
AC08P21A00	A	C08P2	7	1	HMX	N	1	2000	32	UG/L	
AC08P22A00	A	C08P2	7	1	HMX	N	2	2000	35	UG/L	X
AC08P23A00	A	C08P2	7	1	HMX	N	3	2000	30	UG/L	
AC08P24A00	A	C08P2	7	1	HMX	N	4	2000	33	UG/L	
AC09P21A00	A	C09P2	8	1	HMX	N	1	2000	4.1	UG/L	PX
AC09P22A00	A	C09P2	8	1	HMX	N	2	2000	5	UG/L	P
AC09P23A00	A	C09P2	8	1	HMX	N	3	2000	4	UG/L	X
AC09P24A00	A	C09P2	8	1	HMX	N	4	2000	5.4	UG/L	X
AC101A00	A	C10	9	1	HMX	N	1	2000	9.3	UG/L	
AC102A00	A	C10	9	1	HMX	N	2	2000	8.7	UG/L	X
AC103A00	A	C10	9	1	HMX	N	3	2000	8.8	UG/L	
AC104A00	A	C10	9	1	HMX	N	4	2000	9.8	UG/L	X
AC111A00	A	C11	10	1	HMX	N	1	2000	7.6	UG/L	P
AC112A00	A	C11	10	1	HMX	N	2	2000	6.7	UG/L	
AC113A00	A	C11	10	1	HMX	N	3	2000	8.1	UG/L	
AC114A00	A	C11	10	1	HMX	N	4	2000	7.4	UG/L	
AC121A00	A	C12	11	1	HMX	N	1	2000	24	UG/L	
AC122A00	A	C12	11	1	HMX	N	2	2000	44	UG/L	
AC123A00	A	C12	11	1	HMX	N	3	2000	37	UG/L	
AC124A00	A	C12	11	1	HMX	N	4	2000	41	UG/L	
AC151A00	A	C15	12	1	HMX	N	1	2000	0.55	UG/L	U
AC152A00	A	C15	12	1	HMX	N	2	2000	0.289995	UG/L	U
AC153A00	A	C15	12	1	HMX	N	3	2000	0.384995	UG/L	U
AC154A00	A	C15	12	1	HMX	N	4	2000	0.234995	UG/L	U
AC171A00	A	C17	13	1	HMX	N	1	2000	0.264995	UG/L	U
AC172A00	A	C17	13	1	HMX	N	2	2000	0.365	UG/L	U
AC173A00	A	C17	13	1	HMX	N	3	2000	0.7	UG/L	U
AC174A00	A	C17	13	1	HMX	N	4	2000	0.264995	UG/L	U
AC201A00	A	C20	14	1	HMX	N	1	2000	34	UG/L	X
AC202A00	A	C20	14	1	HMX	N	2	2000	36	UG/L	X
AC203A00	A	C20	14	1	HMX	N	3	2000	30	UG/L	
AC204A00	A	C20	14	1	HMX	N	4	2000	29	UG/L	X
AC251A00	A	C25	15	1	HMX	N	1	2000	0.365	UG/L	U
AC252A00	A	C25	15	1	HMX	N	2	2000	0.449995	UG/L	U
AC253A00	A	C25	15	1	HMX	N	3	2000	0.439995	UG/L	U
AC254A00	A	C25	15	1	HMX	N	4	2000	0.324995	UG/L	U
AC261A00	A	C26	16	1	HMX	N	1	2000	0.5	UG/L	U
AC262A00	A	C26	16	1	HMX	N	2	2000	0.6	UG/L	U
AC263A00	A	C26	16	1	HMX	N	3	2000	0.209995	UG/L	U

Table 7.7. Raw Data for HMX. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC264A00	A	C26	16	1	HMX	N	4	2000	0.65	UG/L	U
AC271A00	A	C27	17	1	HMX	N	1	2000	0.435	UG/L	U
AC272A00	A	C27	17	1	HMX	N	2	2000	0.65	UG/L	U
AC273A00	A	C27	17	1	HMX	N	3	2000	0.55	UG/L	U
AC274A00	A	C27	17	1	HMX	N	4	2000	0.34	UG/L	U
AC301A00	A	C30	18	1	HMX	N	1	2000	0.65	UG/L	U
AC302A00	A	C30	18	1	HMX	N	2	2000	0.55	UG/L	U
AC303A00	A	C30	18	1	HMX	N	3	2000	0.324995	UG/L	U
AC304A00	A	C30	18	1	HMX	N	4	2000	0.34	UG/L	U
ACRA1A00RE	A	CRA	21	1	HMX	N	1	2000	4.3	UG/L	PJ
ACRA2A00	A	CRA	21	1	HMX	N	2	2000	11	UG/L	
ACRA3A00	A	CRA	21	1	HMX	N	3	2000	9.4	UG/L	
ACRA4A00	A	CRA	21	1	HMX	N	4	2000	1.7	UG/L	
ACRB1A00RE	A	CRB	22	1	HMX	N	1	2000	4.9	UG/L	J
ACRB2A00	A	CRB	22	1	HMX	N	2	2000	6.1	UG/L	P
ACRB3A00	A	CRB	22	1	HMX	N	3	2000	6.9	UG/L	
ACRB4A00	A	CRB	22	1	HMX	N	4	2000	2	UG/L	
ASPA1A00	A	SPA	19	1	HMX	N	1	2000	5	UG/L	
ASPA2A00	A	SPA	19	1	HMX	N	2	2000	10	UG/L	
ASPA3A00	A	SPA	19	1	HMX	N	3	2000	8.9	UG/L	
ASPA4A00	A	SPA	19	1	HMX	N	4	2000	3	UG/L	
ASPC1A00	A	SPC	20	1	HMX	N	1	2000	0.479995	UG/L	U
ASPC2A00	A	SPC	20	1	HMX	N	2	2000	2	UG/L	P
ASPC3A00	A	SPC	20	1	HMX	N	3	2000	1.6	UG/L	
ASPC4A00	A	SPC	20	1	HMX	N	4	2000	0.6	UG/L	U
DC021A00	D	C02	1	1	HMX	N	1	2000	0.43	UG/L	U
DC023A00	D	C02	1	1	HMX	N	3	2000	0.405	UG/L	U
DC031A00	D	C03	2	1	HMX	N	1	2000	0.33	UG/L	U
DC033A00	D	C03	2	1	HMX	N	3	2000	0.55	UG/L	U
DC03P21A00	D	C03P2	1	2	HMX	N	1	2000	0.65	UG/L	U
DC03P23A00	D	C03P2	1	2	HMX	N	3	2000	0.259995	UG/L	U
DC041A00	D	C04	3	1	HMX	N	1	2000	0.8	UG/L	U
DC043A00	D	C04	3	1	HMX	N	3	2000	0.324995	UG/L	U
DC04P21A00	D	C04P2	2	2	HMX	N	1	2000	0.65	UG/L	U
DC04P23A00	D	C04P2	2	2	HMX	N	3	2000	0.144995	UG/L	U
DC051A00	D	C05	4	1	HMX	N	1	2000	0.469995	UG/L	U
DC053B00	D	C05	4	1	HMX	N	3	2000	0.365	UG/L	U
DC061A00	D	C06	5	1	HMX	N	1	2000	0.389995	UG/L	U
DC063A00	D	C06	5	1	HMX	N	3	2000	0.6	UG/L	U
DC06P21A00	D	C06P2	3	2	HMX	N	1	2000	0.7	UG/L	U
DC06P23A00	D	C06P2	3	2	HMX	N	3	2000	0.435	UG/L	U
DC071A00	D	C07	6	1	HMX	N	1	2000	0.7	UG/L	U
DC073A00	D	C07	6	1	HMX	N	3	2000	0.55	UG/L	U
DC081A00	D	C08	7	1	HMX	N	1	2000	0.43	UG/L	U
DC083A00	D	C08	7	1	HMX	N	3	2000	0.155	UG/L	U

Table 7.7. Raw Data for HMX. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC08P21A00	D	C08P2	4	2	HMX	N	1	2000	0.395	UG/L	U
DC08P23A00	D	C08P2	4	2	HMX	N	3	2000	0.5	UG/L	U
FD01310001	D	C06	5	1	HMX	N	1	2000	0.259995	UG/L	U
FD02140001	D	C03P2	1	2	HMX	N	1	2000	0.474995	UG/L	U
FD02230001	O	C11P2	1	2	HMX	N	1	2000	0.6	UG/L	U
FD02280001	O	C13	4	1	HMX	N	1	2000	0.5	UG/L	U
FD03140001	A	SPC	20	1	HMX	N	1	2000	0.384995	UG/L	U
FD03250001	A	C09P2	8	1	HMX	N	1	2000	4.2	UG/L	
FD03290001	A	SPA	19	1	HMX	N	1	2000	5.3	UG/L	
FD04190001	O	C13P2	2	2	HMX	N	2	2000	0.349995	UG/L	U
FD05080001	O	C18	8	1	HMX	N	2	2000	0.3	UG/L	U
FD06090001	A	CRA		1	HMX	N	2	2000	10	UG/L	
FD06230001	A	C10	9	1	HMX	N	2	2000	10	UG/L	
FD06280001	A	SPC	20	1	HMX	N	2	2000	2.2	UG/L	P
FD07290001	D	C05	4	1	HMX	N	3	2000	0.55	UG/L	U
FD08090001	D	C02	1	1	HMX	N	3	2000	0.6	UG/L	U
FD08250001	O	C14	5	1	HMX	N	3	2000	0.28	UG/L	U
FD08300001	O	C18P2	4	2	HMX	N	3	2000	0.245	UG/L	U
FD09130001	A	C12	11	1	HMX	N	3	2000	31	UG/L	
FD09200001	A	CRB		1	HMX	N	3	2000	7	UG/L	
FD09290001	A	SPC	20	1	HMX	N	3	2000	1.6	UG/L	
FD11190001	O	C14	5	1	HMX	N	4	2000	0.8	UG/L	U
FD11200001	O	C13P2	2	2	HMX	N	4	2000	0.55	UG/L	U
FD12010001	A	C09P2	8	1	HMX	N	4	2000	5.1	UG/L	X
FD12120001	A	CRB		1	HMX	N	4	2000	1.9	UG/L	
OC081A00	O	C08	1	1	HMX	N	1	2000	0.6	UG/L	U
OC082A00	O	C08	1	1	HMX	N	2	2000	0.354995	UG/L	U
OC083A00	O	C08	1	1	HMX	N	3	2000	0.57999	UG/L	UJ
OC084A00	O	C08	1	1	HMX	N	4	2000	0.264995	UG/L	U
OC111A00	O	C11	2	1	HMX	N	1	2000	0.5	UG/L	U
OC112A00	O	C11	2	1	HMX	N	2	2000	0.365	UG/L	U
OC113A00	O	C11	2	1	HMX	N	3	2000	0.474995	UG/L	U
OC114A00	O	C11	2	1	HMX	N	4	2000	0.365	UG/L	U
OC11P21A00	O	C11P2	1	2	HMX	N	1	2000	0.23	UG/L	U
OC11P22A00	O	C11P2	1	2	HMX	N	2	2000	0.28	UG/L	U
OC11P23A00	O	C11P2	1	2	HMX	N	3	2000	0.115	UG/L	U
OC11P24A00	O	C11P2	1	2	HMX	N	4	2000	0.55	UG/L	U
OC121A00	O	C12	3	1	HMX	N	1	2000	0.245	UG/L	U
OC122A00	O	C12	3	1	HMX	N	2	2000	0.209995	UG/L	U
OC123A00	O	C12	3	1	HMX	N	3	2000	0.46	UG/L	U
OC124A00	O	C12	3	1	HMX	N	4	2000	0.474995	UG/L	U
OC131A00	O	C13	4	1	HMX	N	1	2000	0.85	UG/L	U
OC132A00	O	C13	4	1	HMX	N	2	2000	0.435	UG/L	U
OC133A00	O	C13	4	1	HMX	N	3	2000	0.239995	UG/L	U
OC134A00	O	C13	4	1	HMX	N	4	2000	0.239995	UG/L	U

Table 7.7. Raw Data for HMX. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC13P21A00	O	C13P2	2	2	HMX	N	1	2000	0.8	UG/L	U
OC13P22A00	O	C13P2	2	2	HMX	N	2	2000	0.289995	UG/L	U
OC13P23A00	O	C13P2	2	2	HMX	N	3	2000	0.254995	UG/L	U
OC13P24A00	O	C13P2	2	2	HMX	N	4	2000	0.174995	UG/L	U
OC141A00	O	C14	5	1	HMX	N	1	2000	0.23	UG/L	U
OC142A00	O	C14	5	1	HMX	N	2	2000	0.305	UG/L	U
OC143A00	O	C14	5	1	HMX	N	3	2000	0.194995	UG/L	U
OC144A00	O	C14	5	1	HMX	N	4	2000	0.7	UG/L	U
OC14P21A00	O	C14P2	3	2	HMX	N	1	2000	0.6	UG/L	U
OC14P22A00	O	C14P2	3	2	HMX	N	2	2000	0.234995	UG/L	U
OC14P23A00	O	C14P2	3	2	HMX	N	3	2000	0.165	UG/L	U
OC14P24A00	O	C14P2	3	2	HMX	N	4	2000	0.6	UG/L	U
OC151A00RE	O	C15	6	1	HMX	N	1	2000	0.65	UG/L	U
OC152A00	O	C15	6	1	HMX	N	2	2000	0.8	UG/L	U
OC153A00	O	C15	6	1	HMX	N	3	2000	0.6	UG/L	U
OC154A00	O	C15	6	1	HMX	N	4	2000	0.7	UG/L	U
OC161A00	O	C16	7	1	HMX	N	1	2000	0.289995	UG/L	U
OC162A00	O	C16	7	1	HMX	N	2	2000	0.65	UG/L	U
OC163A00	O	C16	7	1	HMX	N	3	2000	0.55	UG/L	U
OC164A00	O	C16	7	1	HMX	N	4	2000	0.34	UG/L	U
OC181A00	O	C18	8	1	HMX	N	1	2000	0.31	UG/L	U
OC182A00	O	C18	8	1	HMX	N	2	2000	0.65	UG/L	U
OC183A00	O	C18	8	1	HMX	N	3	2000	0.7	UG/L	U
OC184A00	O	C18	8	1	HMX	N	4	2000	0.455	UG/L	U
OC18P21A00	O	C18P2	4	2	HMX	N	1	2000	0.7	UG/L	U
OC18P22A00	O	C18P2	4	2	HMX	N	2	2000	0.439995	UG/L	U
OC18P23A00	O	C18P2	4	2	HMX	N	3	2000	0.34	UG/L	U
OC18P24A00	O	C18P2	4	2	HMX	N	4	2000	0.479995	UG/L	U
OC191A00	O	C19	9	1	HMX	N	1	2000	0.33	UG/L	U
OC192A00	O	C19	9	1	HMX	N	2	2000	0.55	UG/L	U
OC193A00	O	C19	9	1	HMX	N	3	2000	0.2	UG/L	U
OC194A00	O	C19	9	1	HMX	N	4	2000	0.365	UG/L	U
OC19P21A00	O	C19P2	5	2	HMX	N	1	2000	0.344995	UG/L	U
OC19P22A00	O	C19P2	5	2	HMX	N	2	2000	0.384995	UG/L	U
OC19P23A00	O	C19P2	5	2	HMX	N	3	2000	0.34	UG/L	U
OC19P24A00	O	C19P2	5	2	HMX	N	4	2000	0.43	UG/L	U

Table 7.8. Raw Data for Picramic Acid.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	PICRAMIC ACID	N	1	2000	0.5	UG/L	U
AB022A00	A	B02	1	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
AB023A00	A	B02	1	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
AB024A00	A	B02	1	1	PICRAMIC ACID	N	4	2000	0.474995	UG/L	U
AB041A00	A	B04	2	1	PICRAMIC ACID	N	1	2000	0.55	UG/L	U
AB042A00	A	B04	2	1	PICRAMIC ACID	N	2	2000	0.5	UG/L	U
AB043A00	A	B04	2	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
AC031A00	A	C03	4	1	PICRAMIC ACID	N	1	2000	0.485	UG/L	U
AC032A00	A	C03	4	1	PICRAMIC ACID	N	2	2000	0.5	UG/L	U
AC033A00	A	C03	4	1	PICRAMIC ACID	N	3	2000	0.474995	UG/L	U
AC034A00	A	C03	4	1	PICRAMIC ACID	N	4	2000	0.495	UG/L	U
AC041A00	A	C04	5	1	PICRAMIC ACID	N	1	2000	0.5	UG/L	U
AC042A00	A	C04	5	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
AC043A00	A	C04	5	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
AC044A00	A	C04	5	1	PICRAMIC ACID	N	4	2000	0.55	UG/L	U
AC101A00	A	C10	9	1	PICRAMIC ACID	N	1	2000	0.495	UG/L	U
AC102A00	A	C10	9	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
AC103A00	A	C10	9	1	PICRAMIC ACID	N	3	2000	0.5	UG/L	U
AC104A00	A	C10	9	1	PICRAMIC ACID	N	4	2000	2.2	UG/L	P
AC111A00	A	C11	10	1	PICRAMIC ACID	N	1	2000	0.55	UG/L	U
AC112A00	A	C11	10	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
AC113A00	A	C11	10	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
AC114A00	A	C11	10	1	PICRAMIC ACID	N	4	2000	0.5	UG/L	U
AC121A00	A	C12	11	1	PICRAMIC ACID	N	1	2000	0.5	UG/L	U
AC122A00	A	C12	11	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
AC123A00	A	C12	11	1	PICRAMIC ACID	N	3	2000	0.479995	UG/L	U
AC124A00	A	C12	11	1	PICRAMIC ACID	N	4	2000	0.5	UG/L	U
AC251A00	A	C25	15	1	PICRAMIC ACID	N	1	2000	0.55	UG/L	U
AC252A00	A	C25	15	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
AC253A00	A	C25	15	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
AC254A00	A	C25	15	1	PICRAMIC ACID	N	4	2000	0.5	UG/L	U
ACRA1A00	A	CRA	21	1	PICRAMIC ACID	N	1	2000	0.479995	UG/L	U
ACRA2A00	A	CRA	21	1	PICRAMIC ACID	N	2	2000	0.485	UG/L	U
ACRA3A00	A	CRA	21	1	PICRAMIC ACID	N	3	2000	0.5	UG/L	U
ACRA4A00	A	CRA	21	1	PICRAMIC ACID	N	4	2000	0.469995	UG/L	U
ACRB1A00	A	CRB	22	1	PICRAMIC ACID	N	1	2000	0.5	UG/L	U
ACRB2A00	A	CRB	22	1	PICRAMIC ACID	N	2	2000	0.495	UG/L	U
ACRB3A00	A	CRB	22	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
ACRB4A00	A	CRB	22	1	PICRAMIC ACID	N	4	2000	0.49	UG/L	U
ASPA1A00	A	SPA	19	1	PICRAMIC ACID	N	1	2000	0.469995	UG/L	U
ASPA2A00	A	SPA	19	1	PICRAMIC ACID	N	2	2000	0.455	UG/L	U
ASPA3A00	A	SPA	19	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
ASPA4A00	A	SPA	19	1	PICRAMIC ACID	N	4	2000	0.485	UG/L	U
ASPC1A00	A	SPC	20	1	PICRAMIC ACID	N	1	2000	0.55	UG/L	U

Table 7.8. Raw Data for Picramic Acid. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ASPC2A00	A	SPC	20	1	PICRAMIC ACID	N	2	2000	0.474995	UG/L	U
ASPC3A00	A	SPC	20	1	PICRAMIC ACID	N	3	2000	0.485	UG/L	U
ASPC4A00	A	SPC	20	1	PICRAMIC ACID	N	4	2000	0.485	UG/L	U
FD02280001	O	C13	4	1	PICRAMIC ACID	N	1	2000	0.5	UG/L	U
FD03140001	A	SPC	20	1	PICRAMIC ACID	N	1	2000	0.5	UG/L	U
FD03290001	A	SPA	19	1	PICRAMIC ACID	N	1	2000	0.469995	UG/L	U
FD04190001	O	C13P2	2	2	PICRAMIC ACID	N	2	2000	0.5	UG/L	U
FD05080001	O	C18	8	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
FD06090001	A	CRA	21	1	PICRAMIC ACID	N	2	2000	0.485	UG/L	U
FD06230001	A	C10	9	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
FD06280001	A	SPC	20	1	PICRAMIC ACID	N	2	2000	0.469995	UG/L	U
FD08250001	O	C14	5	1	PICRAMIC ACID	N	3	2000	0.5	UG/L	U
FD08300001	O	C18P2	4	2	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
FD09130001	A	C12	11	1	PICRAMIC ACID	N	3	2000	0.495	UG/L	U
FD09200001	A	CRB	22	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
FD09290001	A	SPC	20	1	PICRAMIC ACID	N	3	2000	0.495	UG/L	U
FD11190001	O	C14	5	1	PICRAMIC ACID	N	4	2000	0.5	UG/L	U
FD11200001	O	C13P2	2	2	PICRAMIC ACID	N	4	2000	0.495	UG/L	U
FD12120001	A	CRB	22	1	PICRAMIC ACID	N	4	2000	0.49	UG/L	U
OC081A00	O	C08	1	1	PICRAMIC ACID	N	1	2000	0.55	UG/L	U
OC082A00	O	C08	1	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
OC083A00	O	C08	1	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
OC084A00	O	C08	1	1	PICRAMIC ACID	N	4	2000	0.55	UG/L	U
OC111A00	O	C11	2	1	PICRAMIC ACID	N	1	2000	0.5	UG/L	U
OC112A00	O	C11	2	1	PICRAMIC ACID	N	2	2000	0.469995	UG/L	U
OC113A00	O	C11	2	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
OC114A00	O	C11	2	1	PICRAMIC ACID	N	4	2000	0.479995	UG/L	U
OC11P22A00	O	C11P2	1	2	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
OC11P23A00	O	C11P2	1	2	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
OC11P24A00	O	C11P2	1	2	PICRAMIC ACID	N	4	2000	0.5	UG/L	U
OC121A00	O	C12	3	1	PICRAMIC ACID	N	1	2000	0.5	UG/L	U
OC122A00	O	C12	3	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
OC123A00	O	C12	3	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
OC124A00	O	C12	3	1	PICRAMIC ACID	N	4	2000	0.55	UG/L	U
OC131A00	O	C13	4	1	PICRAMIC ACID	N	1	2000	0.469995	UG/L	U
OC132A00	O	C13	4	1	PICRAMIC ACID	N	2	2000	0.5	UG/L	U
OC133A00	O	C13	4	1	PICRAMIC ACID	N	3	2000	0.5	UG/L	U
OC134A00	O	C13	4	1	PICRAMIC ACID	N	4	2000	0.55	UG/L	U
OC13P21A00	O	C13P2	2	2	PICRAMIC ACID	N	1	2000	0.55	UG/L	U
OC13P22A00	O	C13P2	2	2	PICRAMIC ACID	N	2	2000	0.495	UG/L	U
OC13P23A00	O	C13P2	2	2	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
OC13P24A00	O	C13P2	2	2	PICRAMIC ACID	N	4	2000	0.5	UG/L	U
OC141A00	O	C14	5	1	PICRAMIC ACID	N	1	2000	0.55	UG/L	U
OC142A00	O	C14	5	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
OC143A00	O	C14	5	1	PICRAMIC ACID	N	3	2000	0.5	UG/L	U

Table 7.8. Raw Data for Picramic Acid. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC144A00	O	C14	5	1	PICRAMIC ACID	N	4	2000	0.5	UG/L	U
OC14P21A00	O	C14P2	3	2	PICRAMIC ACID	N	1	2000	0.55	UG/L	U
OC14P22A00	O	C14P2	3	2	PICRAMIC ACID	N	2	2000	0.5	UG/L	U
OC14P23A00	O	C14P2	3	2	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
OC14P24A00	O	C14P2	3	2	PICRAMIC ACID	N	4	2000	0.55	UG/L	U
OC151A00	O	C15	6	1	PICRAMIC ACID	N	1	2000	0.55	UG/L	U
OC152A00	O	C15	6	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
OC153A00	O	C15	6	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
OC154A00	O	C15	6	1	PICRAMIC ACID	N	4	2000	0.55	UG/L	U
OC161B00	O	C16	7	1	PICRAMIC ACID	N	1	2000	0.55	UG/L	U
OC162A00	O	C16	7	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
OC163A00	O	C16	7	1	PICRAMIC ACID	N	3	2000	0.5	UG/L	U
OC164A00	O	C16	7	1	PICRAMIC ACID	N	4	2000	0.55	UG/L	U
OC182A00	O	C18	8	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
OC183A00	O	C18	8	1	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
OC184A00	O	C18	8	1	PICRAMIC ACID	N	4	2000	0.5	UG/L	U
OC18P22A00	O	C18P2	4	2	PICRAMIC ACID	N	2	2000	0.5	UG/L	U
OC18P23A00	O	C18P2	4	2	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
OC18P24A00	O	C18P2	4	2	PICRAMIC ACID	N	4	2000	0.5	UG/L	U
OC191A00	O	C19	9	1	PICRAMIC ACID	N	1	2000	0.5	UG/L	U
OC192A00	O	C19	9	1	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
OC193A00	O	C19	9	1	PICRAMIC ACID	N	3	2000	1	UG/L	UJ
OC193A00RE	O	C19	9	1	PICRAMIC ACID	N	3	2000	0.495	UG/L	U
OC194A00	O	C19	9	1	PICRAMIC ACID	N	4	2000	0.55	UG/L	U
OC19P22A00	O	C19P2	5	2	PICRAMIC ACID	N	2	2000	0.55	UG/L	U
OC19P23A00	O	C19P2	5	2	PICRAMIC ACID	N	3	2000	1	UG/L	UJ
OC19P23A00RE	O	C19P2	5	2	PICRAMIC ACID	N	3	2000	0.55	UG/L	U
OC19P24A00	O	C19P2	5	2	PICRAMIC ACID	N	4	2000	0.55	UG/L	U

Table 7.9. Raw Data for RDX.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	RDX	N	1	2000	0.28	UG/L	U
AB022A00	A	B02	1	1	RDX	N	2	2000	0.37	UG/L	U
AB023A00	A	B02	1	1	RDX	N	3	2000	0.109995	UG/L	U
AB024A00	A	B02	1	1	RDX	N	4	2000	0.414995	UG/L	U
AB041A00	A	B04	2	1	RDX	N	1	2000	0.314995	UG/L	U
AB042A00	A	B04	2	1	RDX	N	2	2000	0.55	UG/L	U
AB043A00	A	B04	2	1	RDX	N	3	2000	0.439995	UG/L	U
AB044A00	A	B04	2	1	RDX	N	4	2000	0.65	UG/L	U
AC02P21A00RE	A	C02P2	3	1	RDX	N	1	2000	12	UG/L	J
AC02P22A00	A	C02P2	3	1	RDX	N	2	2000	17	UG/L	
AC02P23A00	A	C02P2	3	1	RDX	N	3	2000	12	UG/L	
AC02P24A00	A	C02P2	3	1	RDX	N	4	2000	0.395	UG/L	U
AC031A00	A	C03	4	1	RDX	N	1	2000	0.55	UG/L	U

Table 7.9. Raw Data for RDX. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC032A00	A	C03	4	1	RDX	N	2	2000	0.5	UG/L	U
AC033A00	A	C03	4	1	RDX	N	3	2000	0.34	UG/L	U
AC034A00	A	C03	4	1	RDX	N	4	2000	0.65	UG/L	U
AC041A00	A	C04	5	1	RDX	N	1	2000	0.25	UG/L	U
AC042A00	A	C04	5	1	RDX	N	2	2000	0.284995	UG/L	U
AC043A00	A	C04	5	1	RDX	N	3	2000	0.55	UG/L	U
AC044A00	A	C04	5	1	RDX	N	4	2000	0.7	UG/L	U
AC071A00	A	C07	6	1	RDX	N	1	2000	34	UG/L	
AC072A00	A	C07	6	1	RDX	N	2	2000	27	UG/L	
AC073A00	A	C07	6	1	RDX	N	3	2000	30	UG/L	
AC074A00	A	C07	6	1	RDX	N	4	2000	19	UG/L	
AC08P21A00	A	C08P2	7	1	RDX	N	1	2000	90	UG/L	
AC08P22A00	A	C08P2	7	1	RDX	N	2	2000	95	UG/L	DX
AC08P23A00	A	C08P2	7	1	RDX	N	3	2000	87	UG/L	
AC08P24A00	A	C08P2	7	1	RDX	N	4	2000	92	UG/L	
AC09P21A00DL	A	C09P2	8	1	RDX	N	1	2000	160	UG/L	DX
AC09P22A00	A	C09P2	8	1	RDX	N	2	2000	180	UG/L	
AC09P23A00DL	A	C09P2	8	1	RDX	N	3	2000	150	UG/L	DX
AC09P24A00DL	A	C09P2	8	1	RDX	N	4	2000	170	UG/L	DX
AC101A00	A	C10	9	1	RDX	N	1	2000	130	UG/L	
AC102A00	A	C10	9	1	RDX	N	2	2000	110	UG/L	DX
AC103A00	A	C10	9	1	RDX	N	3	2000	120	UG/L	
AC104A00DL	A	C10	9	1	RDX	N	4	2000	130	UG/L	DX
AC111A00	A	C11	10	1	RDX	N	1	2000	31	UG/L	
AC112A00	A	C11	10	1	RDX	N	2	2000	29	UG/L	
AC113A00	A	C11	10	1	RDX	N	3	2000	35	UG/L	
AC114A00	A	C11	10	1	RDX	N	4	2000	32	UG/L	
AC121A00	A	C12	11	1	RDX	N	1	2000	12	UG/L	
AC122A00	A	C12	11	1	RDX	N	2	2000	26	UG/L	
AC123A00	A	C12	11	1	RDX	N	3	2000	15	UG/L	
AC124A00	A	C12	11	1	RDX	N	4	2000	18	UG/L	
AC151A00	A	C15	12	1	RDX	N	1	2000	0.495	UG/L	U
AC152A00	A	C15	12	1	RDX	N	2	2000	0.275	UG/L	U
AC153A00	A	C15	12	1	RDX	N	3	2000	0.384995	UG/L	U
AC154A00	A	C15	12	1	RDX	N	4	2000	0.219995	UG/L	U
AC171A00	A	C17	13	1	RDX	N	1	2000	0.25	UG/L	U
AC172A00	A	C17	13	1	RDX	N	2	2000	0.34	UG/L	U
AC173A00	A	C17	13	1	RDX	N	3	2000	0.7	UG/L	U
AC174A00	A	C17	13	1	RDX	N	4	2000	0.25	UG/L	U
AC201A00DL	A	C20	14	1	RDX	N	1	2000	190	UG/L	DX
AC202A00	A	C20	14	1	RDX	N	2	2000	210	UG/L	DX
AC203A00	A	C20	14	1	RDX	N	3	2000	190	UG/L	
AC204A00DL	A	C20	14	1	RDX	N	4	2000	180	UG/L	DX
AC251A00	A	C25	15	1	RDX	N	1	2000	0.34	UG/L	U
AC252A00	A	C25	15	1	RDX	N	2	2000	0.419995	UG/L	U

Table 7.9. Raw Data for RDX. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC253A00	A	C25	15	1	RDX	N	3	2000	0.439995	UG/L	U
AC254A00	A	C25	15	1	RDX	N	4	2000	0.305	UG/L	U
AC261A00	A	C26	16	1	RDX	N	1	2000	1.2	UG/L	
AC262A00	A	C26	16	1	RDX	N	2	2000	0.55	UG/L	U
AC263A00	A	C26	16	1	RDX	N	3	2000	0.51999	UG/L	
AC264A00	A	C26	16	1	RDX	N	4	2000	0.6	UG/L	U
AC271A00	A	C27	17	1	RDX	N	1	2000	0.409995	UG/L	U
AC272A00	A	C27	17	1	RDX	N	2	2000	0.6	UG/L	U
AC273A00	A	C27	17	1	RDX	N	3	2000	0.55	UG/L	U
AC274A00	A	C27	17	1	RDX	N	4	2000	0.314995	UG/L	U
AC301A00	A	C30	18	1	RDX	N	1	2000	0.6	UG/L	U
AC302A00	A	C30	18	1	RDX	N	2	2000	0.55	UG/L	U
AC303A00	A	C30	18	1	RDX	N	3	2000	0.305	UG/L	U
AC304A00	A	C30	18	1	RDX	N	4	2000	0.314995	UG/L	U
ACRA1A00RE	A	CRA	21	1	RDX	N	1	2000	4.5	UG/L	PJ
ACRA2A00	A	CRA	21	1	RDX	N	2	2000	24	UG/L	
ACRA3A00	A	CRA	21	1	RDX	N	3	2000	17	UG/L	
ACRA4A00	A	CRA	21	1	RDX	N	4	2000	1.9	UG/L	P
ACRB1A00RE	A	CRB	22	1	RDX	N	1	2000	7.2	UG/L	J
ACRB2A00	A	CRB	22	1	RDX	N	2	2000	11	UG/L	
ACRB3A00	A	CRB	22	1	RDX	N	3	2000	11	UG/L	
ACRB4A00	A	CRB	22	1	RDX	N	4	2000	1.1	UG/L	P
ASPA1A00	A	SPA	19	1	RDX	N	1	2000	7.4	UG/L	
ASPA2A00	A	SPA	19	1	RDX	N	2	2000	11	UG/L	
ASPA3A00	A	SPA	19	1	RDX	N	3	2000	9.2	UG/L	
ASPA4A00	A	SPA	19	1	RDX	N	4	2000	1.9	UG/L	
ASPC1A00	A	SPC	20	1	RDX	N	1	2000	1.8	UG/L	
ASPC2A00	A	SPC	20	1	RDX	N	2	2000	4.1	UG/L	
ASPC3A00	A	SPC	20	1	RDX	N	3	2000	3.2	UG/L	
ASPC4A00	A	SPC	20	1	RDX	N	4	2000	1.7	UG/L	
DC021A00	D	C02	1	1	RDX	N	1	2000	0.405	UG/L	U
DC023A00	D	C02	1	1	RDX	N	3	2000	0.379995	UG/L	U
DC031A00	D	C03	2	1	RDX	N	1	2000	0.31	UG/L	U
DC033A00	D	C03	2	1	RDX	N	3	2000	0.5	UG/L	U
DC03P21A00	D	C03P2	1	2	RDX	N	1	2000	0.65	UG/L	U
DC03P23A00	D	C03P2	1	2	RDX	N	3	2000	0.55	UG/L	
DC041A00	D	C04	3	1	RDX	N	1	2000	0.75	UG/L	U
DC043A00	D	C04	3	1	RDX	N	3	2000	0.305	UG/L	U
DC04P21A00	D	C04P2	2	2	RDX	N	1	2000	0.6	UG/L	U
DC04P23A00	D	C04P2	2	2	RDX	N	3	2000	0.135	UG/L	U
DC051A00	D	C05	4	1	RDX	N	1	2000	0.439995	UG/L	U
DC053B00	D	C05	4	1	RDX	N	3	2000	0.34	UG/L	U
DC061A00	D	C06	5	1	RDX	N	1	2000	0.365	UG/L	U
DC063A00	D	C06	5	1	RDX	N	3	2000	0.55	UG/L	U
DC06P21A00	D	C06P2	3	2	RDX	N	1	2000	0.65	UG/L	U

Table 7.9. Raw Data for RDX. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC06P23A00	D	C06P2	3	2	RDX	N	3	2000	0.409995	UG/L	U
DC071A00	D	C07	6	1	RDX	N	1	2000	0.65	UG/L	U
DC073A00	D	C07	6	1	RDX	N	3	2000	0.5	UG/L	U
DC081A00	D	C08	7	1	RDX	N	1	2000	0.405	UG/L	U
DC083A00	D	C08	7	1	RDX	N	3	2000	0.144995	UG/L	U
DC08P21A00	D	C08P2	4	2	RDX	N	1	2000	0.37	UG/L	U
DC08P23A00	D	C08P2	4	2	RDX	N	3	2000	0	UG/L	U
FD01310001	D	C06	5	1	RDX	N	1	2000	0.245	UG/L	U
FD02140001	D	C03P2	1	2	RDX	N	1	2000	0.444995	UG/L	U
FD02230001	O	C11P2	1	2	RDX	N	1	2000	0.55	UG/L	U
FD02280001	O	C13	4	1	RDX	N	1	2000	0.474995	UG/L	U
FD03140001	A	SPC	20	1	RDX	N	1	2000	1.7	UG/L	
FD03250001	A	C09P2	8	1	RDX	N	1	2000	180	UG/L	
FD03290001	A	SPA	19	1	RDX	N	1	2000	8.5	UG/L	
FD04190001	O	C13P2	2	2	RDX	N	2	2000	0.33	UG/L	U
FD05080001	O	C18	8	1	RDX	N	2	2000	0.28	UG/L	U
FD06090001	A	CRA		1	RDX	N	2	2000	22	UG/L	
FD06230001	A	C10	9	1	RDX	N	2	2000	130	UG/L	
FD06280001	A	SPC	20	1	RDX	N	2	2000	5	UG/L	P
FD07290001	D	C05	4	1	RDX	N	3	2000	0.5	UG/L	U
FD08090001	D	C02	1	1	RDX	N	3	2000	0.55	UG/L	U
FD08250001	O	C14	5	1	RDX	N	3	2000	0.259995	UG/L	U
FD08300001	O	C18P2	4	2	RDX	N	3	2000	0.23	UG/L	U
FD09130001	A	C12	11	1	RDX	N	3	2000	12	UG/L	
FD09200001	A	CRB		1	RDX	N	3	2000	11	UG/L	
FD09290001	A	SPC	20	1	RDX	N	3	2000	3.2	UG/L	
FD11190001	O	C14	5	1	RDX	N	4	2000	0.75	UG/L	U
FD11200001	O	C13P2	2	2	RDX	N	4	2000	0.495	UG/L	U
FD12010001DL	A	C09P2	8	1	RDX	N	4	2000	170	UG/L	DX
FD12120001	A	CRB		1	RDX	N	4	2000	1.1	UG/L	
OC081A00	O	C08	1	1	RDX	N	1	2000	0.55	UG/L	U
OC082A00	O	C08	1	1	RDX	N	2	2000	0.335	UG/L	U
OC083A00	O	C08	1	1	RDX	N	3	2000	0.57999	UG/L	UJ
OC084A00	O	C08	1	1	RDX	N	4	2000	0.25	UG/L	U
OC111A00	O	C11	2	1	RDX	N	1	2000	0.469995	UG/L	U
OC112A00	O	C11	2	1	RDX	N	2	2000	0.34	UG/L	U
OC113A00	O	C11	2	1	RDX	N	3	2000	0.444995	UG/L	U
OC114A00	O	C11	2	1	RDX	N	4	2000	0.34	UG/L	U
OC11P21A00	O	C11P2	1	2	RDX	N	1	2000	0.215	UG/L	U
OC11P22A00	O	C11P2	1	2	RDX	N	2	2000	0.259995	UG/L	U
OC11P23A00	O	C11P2	1	2	RDX	N	3	2000	0.109995	UG/L	U
OC11P24A00	O	C11P2	1	2	RDX	N	4	2000	0.55	UG/L	U
OC121A00	O	C12	3	1	RDX	N	1	2000	0.23	UG/L	U
OC122A00	O	C12	3	1	RDX	N	2	2000	0.194995	UG/L	U
OC123A00	O	C12	3	1	RDX	N	3	2000	0.435	UG/L	U

Table 7.9. Raw Data for RDX. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC124A00	O	C12	3	1	RDX	N	4	2000	0.444995	UG/L	U
OC131A00	O	C13	4	1	RDX	N	1	2000	0.8	UG/L	U
OC132A00	O	C13	4	1	RDX	N	2	2000	0.409995	UG/L	U
OC133A00	O	C13	4	1	RDX	N	3	2000	0.224995	UG/L	U
OC134A00	O	C13	4	1	RDX	N	4	2000	0.224995	UG/L	U
OC13P21A00	O	C13P2	2	2	RDX	N	1	2000	0.75	UG/L	U
OC13P22A00	O	C13P2	2	2	RDX	N	2	2000	0.275	UG/L	U
OC13P23A00	O	C13P2	2	2	RDX	N	3	2000	0.239995	UG/L	U
OC13P24A00	O	C13P2	2	2	RDX	N	4	2000	0.165	UG/L	U
OC141A00	O	C14	5	1	RDX	N	1	2000	0.215	UG/L	U
OC142A00	O	C14	5	1	RDX	N	2	2000	0.284995	UG/L	U
OC143A00	O	C14	5	1	RDX	N	3	2000	0.185	UG/L	U
OC144A00	O	C14	5	1	RDX	N	4	2000	0.65	UG/L	U
OC14P21A00	O	C14P2	3	2	RDX	N	1	2000	0.6	UG/L	U
OC14P22A00	O	C14P2	3	2	RDX	N	2	2000	0.219995	UG/L	U
OC14P23A00	O	C14P2	3	2	RDX	N	3	2000	0.15	UG/L	U
OC14P24A00	O	C14P2	3	2	RDX	N	4	2000	0.55	UG/L	U
OC151A00RE	O	C15	6	1	RDX	N	1	2000	0.6	UG/L	U
OC152A00	O	C15	6	1	RDX	N	2	2000	0.75	UG/L	U
OC153A00	O	C15	6	1	RDX	N	3	2000	0.55	UG/L	U
OC154A00	O	C15	6	1	RDX	N	4	2000	0.65	UG/L	U
OC161A00	O	C16	7	1	RDX	N	1	2000	0.275	UG/L	U
OC162A00	O	C16	7	1	RDX	N	2	2000	0.6	UG/L	U
OC163A00	O	C16	7	1	RDX	N	3	2000	0.55	UG/L	U
OC164A00	O	C16	7	1	RDX	N	4	2000	0.314995	UG/L	U
OC181A00	O	C18	8	1	RDX	N	1	2000	0.294995	UG/L	U
OC182A00	O	C18	8	1	RDX	N	2	2000	0.6	UG/L	U
OC183A00	O	C18	8	1	RDX	N	3	2000	0.65	UG/L	U
OC184A00	O	C18	8	1	RDX	N	4	2000	0.425	UG/L	U
OC18P21A00	O	C18P2	4	2	RDX	N	1	2000	0.65	UG/L	U
OC18P22A00	O	C18P2	4	2	RDX	N	2	2000	0.414995	UG/L	U
OC18P23A00	O	C18P2	4	2	RDX	N	3	2000	0.314995	UG/L	U
OC18P24A00	O	C18P2	4	2	RDX	N	4	2000	0.449995	UG/L	U
OC191A00	O	C19	9	1	RDX	N	1	2000	0.31	UG/L	U
OC192A00	O	C19	9	1	RDX	N	2	2000	0.5	UG/L	U
OC193A00	O	C19	9	1	RDX	N	3	2000	0.189995	UG/L	U
OC194A00	O	C19	9	1	RDX	N	4	2000	0.34	UG/L	U
OC19P21A00	O	C19P2	5	2	RDX	N	1	2000	0.324995	UG/L	U
OC19P22A00	O	C19P2	5	2	RDX	N	2	2000	0.36	UG/L	U
OC19P23A00	O	C19P2	5	2	RDX	N	3	2000	0.314995	UG/L	U
OC19P24A00	O	C19P2	5	2	RDX	N	4	2000	0.405	UG/L	U

Table 7.10. Raw Data for 2,4,6-Trinitrotoluene.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.3	UG/L	U
AB022A00	A	B02	1	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.395	UG/L	U
AB023A00	A	B02	1	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.109995	UG/L	U
AB024A00	A	B02	1	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.439995	UG/L	U
AB041A00	A	B04	2	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.34	UG/L	U
AB042A00	A	B04	2	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.55	UG/L	U
AB043A00	A	B04	2	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.439995	UG/L	U
AB044A00	A	B04	2	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.7	UG/L	U
AC02P21A00RE	A	C02P2	3	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.209995	UG/L	U
AC02P22A00	A	C02P2	3	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC02P23A00	A	C02P2	3	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.259995	UG/L	U
AC02P24A00	A	C02P2	3	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC031A00	A	C03	4	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.6	UG/L	U
AC032A00	A	C03	4	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC033A00	A	C03	4	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.34	UG/L	U
AC034A00	A	C03	4	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.7	UG/L	U
AC041A00	A	C04	5	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.5	UG/L	U
AC042A00	A	C04	5	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.305	UG/L	U
AC043A00	A	C04	5	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.55	UG/L	U
AC044A00	A	C04	5	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.75	UG/L	U
AC071A00	A	C07	6	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.65	UG/L	U
AC072A00	A	C07	6	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.65	UG/L	U
AC073A00	A	C07	6	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.319995	UG/L	U
AC074A00	A	C07	6	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC08P21A00	A	C08P2	7	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.219995	UG/L	U
AC08P22A00	A	C08P2	7	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.23	UG/L	U
AC08P23A00	A	C08P2	7	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.469995	UG/L	U
AC08P24A00	A	C08P2	7	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.6	UG/L	U
AC09P21A00	A	C09P2	8	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.375	UG/L	U
AC09P22A00	A	C09P2	8	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.5	UG/L	U
AC09P23A00	A	C09P2	8	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.23	UG/L	U
AC09P24A00	A	C09P2	8	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.495	UG/L	U
AC101A00	A	C10	9	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.474995	UG/L	U
AC102A00	A	C10	9	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.275	UG/L	U
AC103A00	A	C10	9	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.435	UG/L	U
AC104A00	A	C10	9	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.474995	UG/L	U
AC111A00	A	C11	10	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.6	UG/L	U
AC112A00	A	C11	10	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.289995	UG/L	U
AC113A00	A	C11	10	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.8	UG/L	U
AC114A00	A	C11	10	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.419995	UG/L	U
AC121A00	A	C12	11	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.23	UG/L	U
AC122A00	A	C12	11	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.405	UG/L	U
AC123A00	A	C12	11	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.264995	UG/L	U
AC124A00	A	C12	11	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.5	UG/L	U

Table 7.10. Raw Data for 2,4,6-Trinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC151A00	A	C15	12	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.55	UG/L	U
AC152A00	A	C15	12	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.289995	UG/L	U
AC153A00	A	C15	12	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.384995	UG/L	U
AC154A00	A	C15	12	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.234995	UG/L	U
AC171A00	A	C17	13	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.264995	UG/L	U
AC172A00	A	C17	13	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.365	UG/L	U
AC173A00	A	C17	13	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.7	UG/L	U
AC174A00	A	C17	13	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.264995	UG/L	U
AC201A00	A	C20	14	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.34	UG/L	U
AC202A00	A	C20	14	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.365	UG/L	U
AC203A00	A	C20	14	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.6	UG/L	U
AC204A00	A	C20	14	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.55	UG/L	U
AC251A00	A	C25	15	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.365	UG/L	U
AC252A00	A	C25	15	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.449995	UG/L	U
AC253A00	A	C25	15	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.439995	UG/L	U
AC254A00	A	C25	15	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.324995	UG/L	U
AC261A00	A	C26	16	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.5	UG/L	U
AC262A00	A	C26	16	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.6	UG/L	U
AC263A00	A	C26	16	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.209995	UG/L	U
AC264A00	A	C26	16	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.65	UG/L	U
AC271A00	A	C27	17	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.435	UG/L	U
AC272A00	A	C27	17	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.65	UG/L	U
AC273A00	A	C27	17	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.55	UG/L	U
AC274A00	A	C27	17	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.34	UG/L	U
AC301A00	A	C30	18	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.65	UG/L	U
AC302A00	A	C30	18	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.55	UG/L	U
AC303A00	A	C30	18	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.324995	UG/L	U
AC304A00	A	C30	18	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.34	UG/L	U
ACRA1A00RE	A	CRA	21	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.65	UG/L	U
ACRA2A00	A	CRA	21	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.219995	UG/L	U
ACRA3A00	A	CRA	21	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.91	UG/L	
ACRA4A00	A	CRA	21	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.469995	UG/L	U
ACRB1A00RE	A	CRB	22	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.264995	UG/L	U
ACRB2A00	A	CRB	22	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.245	UG/L	U
ACRB3A00	A	CRB	22	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.469995	UG/L	U
ACRB4A00	A	CRB	22	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.485	UG/L	U
ASPA1A00	A	SPA	19	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.69999	UG/L	
ASPA2A00	A	SPA	19	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.479995	UG/L	U
ASPA3A00	A	SPA	19	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.46	UG/L	U
ASPA4A00	A	SPA	19	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.365	UG/L	U
ASPC1A00	A	SPC	20	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.479995	UG/L	U
ASPC2A00	A	SPC	20	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.395	UG/L	U
ASPC3A00	A	SPC	20	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.174995	UG/L	U
ASPC4A00	A	SPC	20	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.6	UG/L	U
DC021A00	D	C02	1	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.43	UG/L	U

Table 7.10. Raw Data for 2,4,6-Trinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC023A00	D	C02	1	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.405	UG/L	U
DC031A00	D	C03	2	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.33	UG/L	U
DC033A00	D	C03	2	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.55	UG/L	U
DC03P21A00	D	C03P2	1	2	2,4,6-TRINITROTOLUENE	N	1	2000	0.65	UG/L	U
DC03P23A00	D	C03P2	1	2	2,4,6-TRINITROTOLUENE	N	3	2000	0.259995	UG/L	U
DC041A00	D	C04	3	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.8	UG/L	U
DC043A00	D	C04	3	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.324995	UG/L	U
DC04P21A00	D	C04P2	2	2	2,4,6-TRINITROTOLUENE	N	1	2000	0.65	UG/L	U
DC04P23A00	D	C04P2	2	2	2,4,6-TRINITROTOLUENE	N	3	2000	0.144995	UG/L	U
DC051A00	D	C05	4	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.469995	UG/L	U
DC053B00	D	C05	4	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.365	UG/L	U
DC061A00	D	C06	5	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.389995	UG/L	U
DC063A00	D	C06	5	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.6	UG/L	U
DC06P21A00	D	C06P2	3	2	2,4,6-TRINITROTOLUENE	N	1	2000	0.7	UG/L	U
DC06P23A00	D	C06P2	3	2	2,4,6-TRINITROTOLUENE	N	3	2000	0.435	UG/L	U
DC071A00	D	C07	6	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.7	UG/L	U
DC073A00	D	C07	6	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.55	UG/L	U
DC081A00	D	C08	7	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.43	UG/L	U
DC083A00	D	C08	7	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.155	UG/L	U
DC08P21A00	D	C08P2	4	2	2,4,6-TRINITROTOLUENE	N	1	2000	0.395	UG/L	U
DC08P23A00	D	C08P2	4	2	2,4,6-TRINITROTOLUENE	N	3	2000	0.5	UG/L	U
FD01310001	D	C06	5	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.259995	UG/L	U
FD02140001	D	C03P2	1	2	2,4,6-TRINITROTOLUENE	N	1	2000	0.474995	UG/L	U
FD02230001	O	C11P2	1	2	2,4,6-TRINITROTOLUENE	N	1	2000	0.6	UG/L	U
FD02280001	O	C13	4	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.5	UG/L	U
FD03140001	A	SPC	20	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.384995	UG/L	U
FD03250001	A	C09P2	8	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.455	UG/L	U
FD03290001	A	SPA	19	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.95	UG/L	U
FD04190001	O	C13P2	2	2	2,4,6-TRINITROTOLUENE	N	2	2000	0.349995	UG/L	U
FD05080001	O	C18	8	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.3	UG/L	U
FD06090001	A	CRA		1	2,4,6-TRINITROTOLUENE	N	2	2000	0.48	UG/L	
FD06230001	A	C10	9	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.414995	UG/L	U
FD06280001	A	SPC	20	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.5	UG/L	U
FD07290001	D	C05	4	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.55	UG/L	U
FD08090001	D	C02	1	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.6	UG/L	U
FD08250001	O	C14	5	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.28	UG/L	U
FD08300001	O	C18P2	4	2	2,4,6-TRINITROTOLUENE	N	3	2000	0.245	UG/L	U
FD09130001	A	C12	11	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.264995	UG/L	U
FD09200001	A	CRB		1	2,4,6-TRINITROTOLUENE	N	3	2000	1.1	UG/L	U
FD09290001	A	SPC	20	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.234995	UG/L	U
FD11190001	O	C14	5	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.8	UG/L	U
FD11200001	O	C13P2	2	2	2,4,6-TRINITROTOLUENE	N	4	2000	0.55	UG/L	U
FD12010001	A	C09P2	8	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.439995	UG/L	U
FD12120001	A	CRB		1	2,4,6-TRINITROTOLUENE	N	4	2000	0.61	UG/L	U
OC081A00	O	C08	1	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.6	UG/L	U

Table 7.10. Raw Data for 2,4,6-Trinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC082A00	O	C08	1	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.354995	UG/L	U
OC083A00	O	C08	1	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.57999	UG/L	UJ
OC084A00	O	C08	1	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.264995	UG/L	U
OC111A00	O	C11	2	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.5	UG/L	U
OC112A00	O	C11	2	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.365	UG/L	U
OC113A00	O	C11	2	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.474995	UG/L	U
OC114A00	O	C11	2	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.365	UG/L	U
OC11P21A00	O	C11P2	1	2	2,4,6-TRINITROTOLUENE	N	1	2000	0.23	UG/L	U
OC11P22A00	O	C11P2	1	2	2,4,6-TRINITROTOLUENE	N	2	2000	0.28	UG/L	U
OC11P23A00	O	C11P2	1	2	2,4,6-TRINITROTOLUENE	N	3	2000	0.115	UG/L	U
OC11P24A00	O	C11P2	1	2	2,4,6-TRINITROTOLUENE	N	4	2000	0.55	UG/L	U
OC121A00	O	C12	3	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.245	UG/L	U
OC122A00	O	C12	3	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.209995	UG/L	U
OC123A00	O	C12	3	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.46	UG/L	U
OC124A00	O	C12	3	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.474995	UG/L	U
OC131A00	O	C13	4	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.85	UG/L	U
OC132A00	O	C13	4	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.435	UG/L	U
OC133A00	O	C13	4	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.239995	UG/L	U
OC134A00	O	C13	4	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.239995	UG/L	U
OC13P21A00	O	C13P2	2	2	2,4,6-TRINITROTOLUENE	N	1	2000	0.8	UG/L	U
OC13P22A00	O	C13P2	2	2	2,4,6-TRINITROTOLUENE	N	2	2000	0.289995	UG/L	U
OC13P23A00	O	C13P2	2	2	2,4,6-TRINITROTOLUENE	N	3	2000	0.254995	UG/L	U
OC13P24A00	O	C13P2	2	2	2,4,6-TRINITROTOLUENE	N	4	2000	0.174995	UG/L	U
OC141A00	O	C14	5	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.23	UG/L	U
OC142A00	O	C14	5	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.305	UG/L	U
OC143A00	O	C14	5	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.194995	UG/L	U
OC144A00	O	C14	5	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.7	UG/L	U
OC14P21A00	O	C14P2	3	2	2,4,6-TRINITROTOLUENE	N	1	2000	0.6	UG/L	U
OC14P22A00	O	C14P2	3	2	2,4,6-TRINITROTOLUENE	N	2	2000	0.234995	UG/L	U
OC14P23A00	O	C14P2	3	2	2,4,6-TRINITROTOLUENE	N	3	2000	0.165	UG/L	U
OC14P24A00	O	C14P2	3	2	2,4,6-TRINITROTOLUENE	N	4	2000	0.6	UG/L	U
OC151A00RE	O	C15	6	1	2,4,6-TRINITROTOLUENE	N	1	2000	7.8	UG/L	
OC152A00	O	C15	6	1	2,4,6-TRINITROTOLUENE	N	2	2000	6.5	UG/L	P
OC153A00	O	C15	6	1	2,4,6-TRINITROTOLUENE	N	3	2000	7.1	UG/L	
OC154A00	O	C15	6	1	2,4,6-TRINITROTOLUENE	N	4	2000	6.3	UG/L	
OC161A00	O	C16	7	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.289995	UG/L	U
OC162A00	O	C16	7	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.65	UG/L	U
OC163A00	O	C16	7	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.55	UG/L	U
OC164A00	O	C16	7	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.34	UG/L	U
OC181A00	O	C18	8	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.31	UG/L	U
OC182A00	O	C18	8	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.65	UG/L	U
OC183A00	O	C18	8	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.7	UG/L	U
OC184A00	O	C18	8	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.455	UG/L	U
OC18P21A00	O	C18P2	4	2	2,4,6-TRINITROTOLUENE	N	1	2000	0.7	UG/L	U
OC18P22A00	O	C18P2	4	2	2,4,6-TRINITROTOLUENE	N	2	2000	0.439995	UG/L	U

Table 7.10. Raw Data for 2,4,6-Trinitrotoluene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC18P23A00	O	C18P2	4	2	2,4,6-TRINITROTOLUENE	N	3	2000	0.34	UG/L	U
OC18P24A00	O	C18P2	4	2	2,4,6-TRINITROTOLUENE	N	4	2000	0.479995	UG/L	U
OC191A00	O	C19	9	1	2,4,6-TRINITROTOLUENE	N	1	2000	0.33	UG/L	U
OC192A00	O	C19	9	1	2,4,6-TRINITROTOLUENE	N	2	2000	0.55	UG/L	U
OC193A00	O	C19	9	1	2,4,6-TRINITROTOLUENE	N	3	2000	0.2	UG/L	U
OC194A00	O	C19	9	1	2,4,6-TRINITROTOLUENE	N	4	2000	0.365	UG/L	U
OC19P21A00	O	C19P2	5	2	2,4,6-TRINITROTOLUENE	N	1	2000	0.344995	UG/L	U
OC19P22A00	O	C19P2	5	2	2,4,6-TRINITROTOLUENE	N	2	2000	0.384995	UG/L	U
OC19P23A00	O	C19P2	5	2	2,4,6-TRINITROTOLUENE	N	3	2000	0.34	UG/L	U
OC19P24A00	O	C19P2	5	2	2,4,6-TRINITROTOLUENE	N	4	2000	0.43	UG/L	U

Table 7.11. Raw Data for Antimony.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AB021A00F	A	B02	1	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AB022A00	A	B02	1	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AB022A00F	A	B02	1	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AB023A00	A	B02	1	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AB023A00F	A	B02	1	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AB024A00	A	B02	1	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AB024A00F	A	B02	1	1	ANTIMONY	Y	4	2000	1	UG/L	UN
AB041A00	A	B04	2	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AB041A00F	A	B04	2	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AB042A00	A	B04	2	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AB042A00F	A	B04	2	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AB043A00	A	B04	2	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AB043A00F	A	B04	2	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AB044A00	A	B04	2	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AB044A00F	A	B04	2	1	ANTIMONY	Y	4	2000	1	UG/L	UN
AC02P21A00	A	C02P2	3	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC02P21A00F	A	C02P2	3	1	ANTIMONY	Y	1	2000	0.5	UG/L	U
AC02P22A00	A	C02P2	3	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC02P22A00F	A	C02P2	3	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC02P23A00	A	C02P2	3	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC02P23A00F	A	C02P2	3	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC02P24A00	A	C02P2	3	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC02P24A00F	A	C02P2	3	1	ANTIMONY	Y	4	2000	1	UG/L	UN
AC031A00	A	C03	4	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC031A00F	A	C03	4	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC032A00	A	C03	4	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC032A00F	A	C03	4	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC033A00	A	C03	4	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC033A00F	A	C03	4	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC034A00	A	C03	4	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC034A00F	A	C03	4	1	ANTIMONY	Y	4	2000	1	UG/L	UN
AC041A00	A	C04	5	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC041A00F	A	C04	5	1	ANTIMONY	Y	1	2000	0.5	UG/L	U
AC042A00	A	C04	5	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC042A00F	A	C04	5	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC043A00	A	C04	5	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC043A00F	A	C04	5	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC044A00	A	C04	5	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC044A00F	A	C04	5	1	ANTIMONY	Y	4	2000	1.8	UG/L	N
AC071A00	A	C07	6	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC071A00F	A	C07	6	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC072A00	A	C07	6	1	ANTIMONY	N	2	2000	0.55	UG/L	U

Table 7.11. Raw Data for Antimony. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC072A00F	A	C07	6	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC073A00	A	C07	6	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC073A00F	A	C07	6	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC074A00	A	C07	6	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC074A00F	A	C07	6	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
AC08P21A00	A	C08P2	7	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC08P21A00F	A	C08P2	7	1	ANTIMONY	Y	1	2000	1.2	UG/L	
AC08P22A00	A	C08P2	7	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC08P22A00F	A	C08P2	7	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC08P23A00	A	C08P2	7	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC08P23A00F	A	C08P2	7	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC08P24A00	A	C08P2	7	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC08P24A00F	A	C08P2	7	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
AC09P21A00	A	C09P2	8	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC09P21A00F	A	C09P2	8	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC09P22A00	A	C09P2	8	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC09P22A00F	A	C09P2	8	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC09P23A00	A	C09P2	8	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC09P23A00F	A	C09P2	8	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC09P24A00	A	C09P2	8	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC09P24A00F	A	C09P2	8	1	ANTIMONY	Y	4	2000	1	UG/L	UN
AC101A00	A	C10	9	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC101A00F	A	C10	9	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC102A00	A	C10	9	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC102A00F	A	C10	9	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC103A00	A	C10	9	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC103A00F	A	C10	9	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC104A00	A	C10	9	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC104A00F	A	C10	9	1	ANTIMONY	Y	4	2000	1	UG/L	UN
AC111A00	A	C11	10	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC111A00F	A	C11	10	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC112A00	A	C11	10	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC112A00F	A	C11	10	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC113A00	A	C11	10	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC113A00F	A	C11	10	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC114A00	A	C11	10	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC114A00F	A	C11	10	1	ANTIMONY	Y	4	2000	1	UG/L	UN
AC121A00	A	C12	11	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC121A00F	A	C12	11	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC122A00	A	C12	11	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC122A00F	A	C12	11	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC123A00	A	C12	11	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC123A00F	A	C12	11	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC124A00	A	C12	11	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC124A00F	A	C12	11	1	ANTIMONY	Y	4	2000	1	UG/L	UN

Table 7.11. Raw Data for Antimony. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC151A00	A	C15	12	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC151A00F	A	C15	12	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC152A00	A	C15	12	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC152A00F	A	C15	12	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC153A00	A	C15	12	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC153A00F	A	C15	12	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC154A00	A	C15	12	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC154A00F	A	C15	12	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
AC171A00	A	C17	13	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC171A00F	A	C17	13	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC172A00	A	C17	13	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC172A00F	A	C17	13	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC173A00	A	C17	13	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC173A00F	A	C17	13	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC174A00	A	C17	13	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC174A00F	A	C17	13	1	ANTIMONY	Y	4	2000	1	UG/L	UN
AC201A00	A	C20	14	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC201A00F	A	C20	14	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC202A00	A	C20	14	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC202A00F	A	C20	14	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC203A00	A	C20	14	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC203A00F	A	C20	14	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC204A00	A	C20	14	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC204A00F	A	C20	14	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
AC251A00	A	C25	15	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC251A00F	A	C25	15	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC252A00	A	C25	15	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC252A00F	A	C25	15	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC253A00	A	C25	15	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC253A00F	A	C25	15	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC254A00	A	C25	15	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC254A00F	A	C25	15	1	ANTIMONY	Y	4	2000	1	UG/L	UN
AC261A00	A	C26	16	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC261A00F	A	C26	16	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC262A00	A	C26	16	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC262A00F	A	C26	16	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC263A00	A	C26	16	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC263A00F	A	C26	16	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC264A00	A	C26	16	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC264A00F	A	C26	16	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
AC271A00	A	C27	17	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC271A00F	A	C27	17	1	ANTIMONY	Y	1	2000	1.4	UG/L	
AC272A00	A	C27	17	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC272A00F	A	C27	17	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC273A00	A	C27	17	1	ANTIMONY	N	3	2000	0.55	UG/L	U

Table 7.11. Raw Data for Antimony. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC273A00F	A	C27	17	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC274A00	A	C27	17	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC274A00F	A	C27	17	1	ANTIMONY	Y	4	2000	1	UG/L	UN
AC301A00	A	C30	18	1	ANTIMONY	N	1	2000	0.55	UG/L	U
AC301A00F	A	C30	18	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
AC302A00	A	C30	18	1	ANTIMONY	N	2	2000	0.55	UG/L	U
AC302A00F	A	C30	18	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
AC303A00	A	C30	18	1	ANTIMONY	N	3	2000	0.55	UG/L	U
AC303A00F	A	C30	18	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
AC304A00	A	C30	18	1	ANTIMONY	N	4	2000	0.55	UG/L	U
AC304A00F	A	C30	18	1	ANTIMONY	Y	4	2000	1	UG/L	UN
ACRA1A00	A	CRA	21	1	ANTIMONY	N	1	2000	0.55	UG/L	U
ACRA1A00F	A	CRA	21	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
ACRA2A00	A	CRA	21	1	ANTIMONY	N	2	2000	0.55	UG/L	U
ACRA2A00F	A	CRA	21	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
ACRA3A00	A	CRA	21	1	ANTIMONY	N	3	2000	0.55	UG/L	U
ACRA3A00F	A	CRA	21	1	ANTIMONY	Y	3	2000	1.4	UG/L	
ACRA4A00	A	CRA	21	1	ANTIMONY	N	4	2000	0.55	UG/L	U
ACRA4A00F	A	CRA	21	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
ACRB1A00	A	CRB	22	1	ANTIMONY	N	1	2000	0.55	UG/L	U
ACRB1A00F	A	CRB	22	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
ACRB2A00	A	CRB	22	1	ANTIMONY	N	2	2000	0.55	UG/L	U
ACRB2A00F	A	CRB	22	1	ANTIMONY	Y	2	2000	1.4	UG/L	
ACRB3A00	A	CRB	22	1	ANTIMONY	N	3	2000	0.55	UG/L	U
ACRB3A00F	A	CRB	22	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
ACRB4A00	A	CRB	22	1	ANTIMONY	N	4	2000	0.55	UG/L	U
ACRB4A00F	A	CRB	22	1	ANTIMONY	Y	4	2000	0.5	UG/L	UN
ASPA1A00	A	SPA	19	1	ANTIMONY	N	1	2000	0.55	UG/L	U
ASPA1A00F	A	SPA	19	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
ASPA2A00	A	SPA	19	1	ANTIMONY	N	2	2000	0.55	UG/L	U
ASPA2A00F	A	SPA	19	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
ASPA3A00	A	SPA	19	1	ANTIMONY	N	3	2000	0.55	UG/L	U
ASPA3A00F	A	SPA	19	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
ASPA4A00	A	SPA	19	1	ANTIMONY	N	4	2000	0.55	UG/L	U
ASPA4A00F	A	SPA	19	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
ASPC1A00	A	SPC	20	1	ANTIMONY	N	1	2000	0.55	UG/L	U
ASPC1A00F	A	SPC	20	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
ASPC2A00	A	SPC	20	1	ANTIMONY	N	2	2000	0.55	UG/L	U
ASPC2A00F	A	SPC	20	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
ASPC3A00	A	SPC	20	1	ANTIMONY	N	3	2000	0.55	UG/L	U
ASPC3A00F	A	SPC	20	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
ASPC4A00	A	SPC	20	1	ANTIMONY	N	4	2000	0.55	UG/L	U
ASPC4A00F	A	SPC	20	1	ANTIMONY	Y	4	2000	1.3	UG/L	
DC021A00	D	C02	1	1	ANTIMONY	N	1	2000	0.55	UG/L	U
DC021A00F	D	C02	1	1	ANTIMONY	Y	1	2000	0.55	UG/L	U

Table 7.11. Raw Data for Antimony. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC023A00	D	C02	1	1	ANTIMONY	N	3	2000	0.55	UG/L	U
DC023A00F	D	C02	1	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
DC031A00	D	C03	2	1	ANTIMONY	N	1	2000	0.55	UG/L	U
DC031A00F	D	C03	2	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
DC033A00	D	C03	2	1	ANTIMONY	N	3	2000	0.55	UG/L	U
DC033A00F	D	C03	2	1	ANTIMONY	Y	3	2000	1	UG/L	
DC03P21A00	D	C03P2	1	2	ANTIMONY	N	1	2000	0.55	UG/L	U
DC03P21A00F	D	C03P2	1	2	ANTIMONY	Y	1	2000	0.55	UG/L	U
DC03P23A00	D	C03P2	1	2	ANTIMONY	N	3	2000	0.55	UG/L	U
DC03P23A00F	D	C03P2	1	2	ANTIMONY	Y	3	2000	1	UG/L	
DC041A00	D	C04	3	1	ANTIMONY	N	1	2000	0.55	UG/L	U
DC041A00F	D	C04	3	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
DC043A00	D	C04	3	1	ANTIMONY	N	3	2000	0.55	UG/L	U
DC043A00F	D	C04	3	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
DC04P21A00	D	C04P2	2	2	ANTIMONY	N	1	2000	0.55	UG/L	U
DC04P21A00F	D	C04P2	2	2	ANTIMONY	Y	1	2000	0.55	UG/L	U
DC04P23A00	D	C04P2	2	2	ANTIMONY	N	3	2000	0.55	UG/L	U
DC04P23A00F	D	C04P2	2	2	ANTIMONY	Y	3	2000	1.2	UG/L	
DC051A00	D	C05	4	1	ANTIMONY	N	1	2000	0.55	UG/L	U
DC051A00F	D	C05	4	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
DC053B00	D	C05	4	1	ANTIMONY	N	3	2000	0.55	UG/L	U
DC053B00F	D	C05	4	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
DC061A00	D	C06	5	1	ANTIMONY	N	1	2000	0.55	UG/L	U
DC061A00F	D	C06	5	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
DC063A00	D	C06	5	1	ANTIMONY	N	3	2000	0.55	UG/L	U
DC063A00F	D	C06	5	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
DC06P21A00	D	C06P2	3	2	ANTIMONY	N	1	2000	0.55	UG/L	U
DC06P21A00F	D	C06P2	3	2	ANTIMONY	Y	1	2000	0.55	UG/L	U
DC06P23A00	D	C06P2	3	2	ANTIMONY	N	3	2000	0.55	UG/L	U
DC06P23A00F	D	C06P2	3	2	ANTIMONY	Y	3	2000	1	UG/L	
DC071A00	D	C07	6	1	ANTIMONY	N	1	2000	0.55	UG/L	U
DC071A00F	D	C07	6	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
DC073A00	D	C07	6	1	ANTIMONY	N	3	2000	0.55	UG/L	U
DC073A00F	D	C07	6	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
DC081A00	D	C08	7	1	ANTIMONY	N	1	2000	0.55	UG/L	U
DC081A00F	D	C08	7	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
DC083A00	D	C08	7	1	ANTIMONY	N	3	2000	0.55	UG/L	U
DC083A00F	D	C08	7	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
DC08P21A00	D	C08P2	4	2	ANTIMONY	N	1	2000	0.55	UG/L	U
DC08P21A00F	D	C08P2	4	2	ANTIMONY	Y	1	2000	0.55	UG/L	U
DC08P23A00	D	C08P2	4	2	ANTIMONY	N	3	2000	0.5	UG/L	U
DC08P23A00F	D	C08P2	4	2	ANTIMONY	Y	3	2000	0.5	UG/L	U
FD01310001	D	C06	5	1	ANTIMONY	N	1	2000	0.55	UG/L	U
FD01310001F	D	C06	5	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
FD02140001	D	C03P2	1	2	ANTIMONY	N	1	2000	0.55	UG/L	U

Table 7.11. Raw Data for Antimony. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD02140001F	D	C03P2	1	2	ANTIMONY	Y	1	2000	0.55	UG/L	U
FD02230001	O	C11P2	1	2	ANTIMONY	N	1	2000	0.55	UG/L	U
FD02230001F	O	C11P2	1	2	ANTIMONY	Y	1	2000	0.55	UG/L	U
FD02280001	O	C13	4	1	ANTIMONY	N	1	2000	0.55	UG/L	U
FD02280001F	O	C13	4	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
FD03140001	A	SPC	20	1	ANTIMONY	N	1	2000	0.55	UG/L	U
FD03140001F	A	SPC	20	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
FD03250001	A	C09P2	8	1	ANTIMONY	N	1	2000	0.55	UG/L	U
FD03250001F	A	C09P2	8	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
FD03290001	A	SPA	19	1	ANTIMONY	N	1	2000	0.55	UG/L	U
FD03290001F	A	SPA	19	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
FD04190001	O	C13P2	2	2	ANTIMONY	N	2	2000	0.55	UG/L	U
FD04190001F	O	C13P2	2	2	ANTIMONY	Y	2	2000	0.55	UG/L	U
FD05080001	O	C18	8	1	ANTIMONY	N	2	2000	0.55	UG/L	U
FD05080001F	O	C18	8	1	ANTIMONY	Y	2	2000	0.55	UG/L	U
FD06090001	A	CRA	21	1	ANTIMONY	N	2	2000	0.55	UG/L	U
FD06090001F	A	CRA	21	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
FD06230001	A	C10	9	1	ANTIMONY	N	2	2000	0.55	UG/L	U
FD06230001F	A	C10	9	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
FD06280001	A	SPC	20	1	ANTIMONY	N	2	2000	0.55	UG/L	U
FD06280001F	A	SPC	20	1	ANTIMONY	Y	2	2000	0.5	UG/L	U
FD07290001	D	C05	4	1	ANTIMONY	N	3	2000	0.55	UG/L	U
FD07290001F	D	C05	4	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
FD08090001	D	C02	1	1	ANTIMONY	N	3	2000	0.55	UG/L	U
FD08090001F	D	C02	1	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
FD08250001	O	C14	5	1	ANTIMONY	N	3	2000	0.55	UG/L	U
FD08250001F	O	C14	5	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
FD08300001	O	C18P2	4	2	ANTIMONY	N	3	2000	0.55	UG/L	U
FD08300001F	O	C18P2	4	2	ANTIMONY	Y	3	2000	0.5	UG/L	U
FD09130001	A	C12	11	1	ANTIMONY	N	3	2000	0.55	UG/L	U
FD09130001F	A	C12	11	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
FD09200001	A	CRB	22	1	ANTIMONY	N	3	2000	0.55	UG/L	U
FD09200001F	A	CRB	22	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
FD09290001	A	SPC	20	1	ANTIMONY	N	3	2000	0.55	UG/L	U
FD09290001F	A	SPC	20	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
FD11190001	O	C14	5	1	ANTIMONY	N	4	2000	0.55	UG/L	U
FD11190001F	O	C14	5	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
FD11200001	O	C13P2	2	2	ANTIMONY	N	4	2000	0.55	UG/L	U
FD11200001F	O	C13P2	2	2	ANTIMONY	Y	4	2000	0.5	UG/L	U
FD12010001	A	C09P2	8	1	ANTIMONY	N	4	2000	0.55	UG/L	U
FD12010001F	A	C09P2	8	1	ANTIMONY	Y	4	2000	1	UG/L	UN
FD12120001	A	CRB	22	1	ANTIMONY	N	4	2000	0.55	UG/L	U
FD12120001F	A	CRB	22	1	ANTIMONY	Y	4	2000	0.5	UG/L	UN
OC081A00	O	C08	1	1	ANTIMONY	N	1	2000	0.55	UG/L	U
OC081A00F	O	C08	1	1	ANTIMONY	Y	1	2000	0.55	UG/L	U

Table 7.11. Raw Data for Antimony. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC082A00	O	C08	1	1	ANTIMONY	N	2	2000	0.55	UG/L	U
OC082A00F	O	C08	1	1	ANTIMONY	Y	2	2000	2.1	UG/L	
OC083A00	O	C08	1	1	ANTIMONY	N	3	2000	0.55	UG/L	U
OC083A00F	O	C08	1	1	ANTIMONY	Y	3	2000	1.2	UG/L	
OC084A00	O	C08	1	1	ANTIMONY	N	4	2000	0.55	UG/L	U
OC084A00F	O	C08	1	1	ANTIMONY	Y	4	2000	1	UG/L	
OC111A00	O	C11	2	1	ANTIMONY	N	1	2000	0.55	UG/L	U
OC111A00F	O	C11	2	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC112A00	O	C11	2	1	ANTIMONY	N	2	2000	0.55	UG/L	U
OC112A00F	O	C11	2	1	ANTIMONY	Y	2	2000	0.55	UG/L	U
OC113A00	O	C11	2	1	ANTIMONY	N	3	2000	0.55	UG/L	U
OC113A00F	O	C11	2	1	ANTIMONY	Y	3	2000	1.4	UG/L	
OC114A00	O	C11	2	1	ANTIMONY	N	4	2000	0.55	UG/L	U
OC114A00F	O	C11	2	1	ANTIMONY	Y	4	2000	1.4	UG/L	N
OC11P21A00	O	C11P2	1	2	ANTIMONY	N	1	2000	0.55	UG/L	U
OC11P21A00F	O	C11P2	1	2	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC11P22A00	O	C11P2	1	2	ANTIMONY	N	2	2000	0.55	UG/L	U
OC11P22A00F	O	C11P2	1	2	ANTIMONY	Y	2	2000	0.55	UG/L	U
OC11P23A00	O	C11P2	1	2	ANTIMONY	N	3	2000	0.55	UG/L	U
OC11P23A00F	O	C11P2	1	2	ANTIMONY	Y	3	2000	0.5	UG/L	U
OC11P24A00	O	C11P2	1	2	ANTIMONY	N	4	2000	0.55	UG/L	U
OC11P24A00F	O	C11P2	1	2	ANTIMONY	Y	4	2000	1.4	UG/L	N
OC121A00	O	C12	3	1	ANTIMONY	N	1	2000	0.55	UG/L	U
OC121A00F	O	C12	3	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC122A00	O	C12	3	1	ANTIMONY	N	2	2000	0.55	UG/L	U
OC122A00F	O	C12	3	1	ANTIMONY	Y	2	2000	0.55	UG/L	U
OC123A00	O	C12	3	1	ANTIMONY	N	3	2000	0.55	UG/L	U
OC123A00F	O	C12	3	1	ANTIMONY	Y	3	2000	1.5	UG/L	
OC124A00	O	C12	3	1	ANTIMONY	N	4	2000	0.55	UG/L	U
OC124A00F	O	C12	3	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
OC131A00	O	C13	4	1	ANTIMONY	N	1	2000	0.55	UG/L	U
OC131A00F	O	C13	4	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC132A00	O	C13	4	1	ANTIMONY	N	2	2000	0.55	UG/L	U
OC132A00F	O	C13	4	1	ANTIMONY	Y	2	2000	0.55	UG/L	U
OC133A00	O	C13	4	1	ANTIMONY	N	3	2000	0.55	UG/L	U
OC133A00F	O	C13	4	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
OC134A00	O	C13	4	1	ANTIMONY	N	4	2000	0.55	UG/L	U
OC134A00F	O	C13	4	1	ANTIMONY	Y	4	2000	1.6	UG/L	
OC13P21A00	O	C13P2	2	2	ANTIMONY	N	1	2000	0.55	UG/L	U
OC13P21A00F	O	C13P2	2	2	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC13P22A00	O	C13P2	2	2	ANTIMONY	N	2	2000	0.55	UG/L	U
OC13P22A00F	O	C13P2	2	2	ANTIMONY	Y	2	2000	0.55	UG/L	U
OC13P23A00	O	C13P2	2	2	ANTIMONY	N	3	2000	0.55	UG/L	U
OC13P23A00F	O	C13P2	2	2	ANTIMONY	Y	3	2000	0.5	UG/L	U
OC13P24A00	O	C13P2	2	2	ANTIMONY	N	4	2000	0.55	UG/L	U

Table 7.11. Raw Data for Antimony. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC13P24A00F	O	C13P2	2	2	ANTIMONY	Y	4	2000	0.5	UG/L	U
OC141A00	O	C14	5	1	ANTIMONY	N	1	2000	0.55	UG/L	U
OC141A00F	O	C14	5	1	ANTIMONY	Y	1	2000	1.1	UG/L	
OC142A00	O	C14	5	1	ANTIMONY	N	2	2000	0.55	UG/L	U
OC142A00F	O	C14	5	1	ANTIMONY	Y	2	2000	0.55	UG/L	U
OC143A00	O	C14	5	1	ANTIMONY	N	3	2000	0.55	UG/L	U
OC143A00F	O	C14	5	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
OC144A00	O	C14	5	1	ANTIMONY	N	4	2000	0.55	UG/L	U
OC144A00F	O	C14	5	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
OC14P21A00	O	C14P2	3	2	ANTIMONY	N	1	2000	0.55	UG/L	U
OC14P21A00F	O	C14P2	3	2	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC14P22A00	O	C14P2	3	2	ANTIMONY	N	2	2000	0.55	UG/L	U
OC14P22A00F	O	C14P2	3	2	ANTIMONY	Y	2	2000	0.55	UG/L	U
OC14P23A00	O	C14P2	3	2	ANTIMONY	N	3	2000	0.55	UG/L	U
OC14P23A00F	O	C14P2	3	2	ANTIMONY	Y	3	2000	0.5	UG/L	U
OC14P24A00	O	C14P2	3	2	ANTIMONY	N	4	2000	0.55	UG/L	U
OC14P24A00F	O	C14P2	3	2	ANTIMONY	Y	4	2000	0.5	UG/L	U
OC151A00	O	C15	6	1	ANTIMONY	N	1	2000	0.55	UG/L	U
OC151A00F	O	C15	6	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC152A00	O	C15	6	1	ANTIMONY	N	2	2000	0.55	UG/L	U
OC152A00F	O	C15	6	1	ANTIMONY	Y	2	2000	0.55	UG/L	U
OC153A00	O	C15	6	1	ANTIMONY	N	3	2000	0.55	UG/L	U
OC153A00F	O	C15	6	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
OC154A00	O	C15	6	1	ANTIMONY	N	4	2000	0.55	UG/L	U
OC154A00F	O	C15	6	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
OC161A00	O	C16	7	1	ANTIMONY	N	1	2000	0.55	UG/L	U
OC161A00F	O	C16	7	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC162A00	O	C16	7	1	ANTIMONY	N	2	2000	0.55	UG/L	U
OC162A00F	O	C16	7	1	ANTIMONY	Y	2	2000	0.55	UG/L	U
OC163A00	O	C16	7	1	ANTIMONY	N	3	2000	0.55	UG/L	U
OC163A00F	O	C16	7	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
OC164A00	O	C16	7	1	ANTIMONY	N	4	2000	0.55	UG/L	U
OC164A00F	O	C16	7	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
OC181A00	O	C18	8	1	ANTIMONY	N	1	2000	0.55	UG/L	U
OC181A00F	O	C18	8	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC182A00	O	C18	8	1	ANTIMONY	N	2	2000	0.55	UG/L	U
OC182A00F	O	C18	8	1	ANTIMONY	Y	2	2000	0.55	UG/L	U
OC183A00	O	C18	8	1	ANTIMONY	N	3	2000	0.55	UG/L	U
OC183A00F	O	C18	8	1	ANTIMONY	Y	3	2000	0.5	UG/L	U
OC184A00	O	C18	8	1	ANTIMONY	N	4	2000	0.55	UG/L	U
OC184A00F	O	C18	8	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
OC18P21A00	O	C18P2	4	2	ANTIMONY	N	1	2000	0.55	UG/L	U
OC18P21A00F	O	C18P2	4	2	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC18P22A00	O	C18P2	4	2	ANTIMONY	N	2	2000	0.55	UG/L	U
OC18P22A00F	O	C18P2	4	2	ANTIMONY	Y	2	2000	0.55	UG/L	U

Table 7.11. Raw Data for Antimony. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC18P23A00	O	C18P2	4	2	ANTIMONY	N	3	2000	0.55	UG/L	U
OC18P23A00F	O	C18P2	4	2	ANTIMONY	Y	3	2000	0.5	UG/L	U
OC18P24A00	O	C18P2	4	2	ANTIMONY	N	4	2000	0.55	UG/L	U
OC18P24A00F	O	C18P2	4	2	ANTIMONY	Y	4	2000	1.1	UG/L	
OC191A00	O	C19	9	1	ANTIMONY	N	1	2000	0.55	UG/L	U
OC191A00F	O	C19	9	1	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC192A00	O	C19	9	1	ANTIMONY	N	2	2000	0.55	UG/L	U
OC192A00F	O	C19	9	1	ANTIMONY	Y	2	2000	1.2	UG/L	
OC193A00	O	C19	9	1	ANTIMONY	N	3	2000	0.55	UG/L	U
OC193A00F	O	C19	9	1	ANTIMONY	Y	3	2000	1.2	UG/L	
OC194A00	O	C19	9	1	ANTIMONY	N	4	2000	0.55	UG/L	U
OC194A00F	O	C19	9	1	ANTIMONY	Y	4	2000	0.5	UG/L	U
OC19P21A00	O	C19P2	5	2	ANTIMONY	N	1	2000	0.55	UG/L	U
OC19P21A00F	O	C19P2	5	2	ANTIMONY	Y	1	2000	0.55	UG/L	U
OC19P22100F	O	C19P2	5	2	ANTIMONY	Y	2	2000	0.5	UG/L	U
OC19P22A00	O	C19P2	5	2	ANTIMONY	N	2	2000	0.55	UG/L	U
OC19P23A00	O	C19P2	5	2	ANTIMONY	N	3	2000	0.55	UG/L	U
OC19P23A00F	O	C19P2	5	2	ANTIMONY	Y	3	2000	0.5	UG/L	U
OC19P24A00	O	C19P2	5	2	ANTIMONY	N	4	2000	0.55	UG/L	U
OC19P24A00F	O	C19P2	5	2	ANTIMONY	Y	4	2000	0.5	UG/L	U

Table 7.12. Raw Data for Arsenic.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	ARSENIC	N	1	2000	8.4	UG/L	
AB021A00F	A	B02	1	1	ARSENIC	Y	1	2000	7.6	UG/L	
AB022A00	A	B02	1	1	ARSENIC	N	2	2000	9.3	UG/L	
AB022A00F	A	B02	1	1	ARSENIC	Y	2	2000	10.9	UG/L	
AB023A00	A	B02	1	1	ARSENIC	N	3	2000	11.3	UG/L	
AB023A00F	A	B02	1	1	ARSENIC	Y	3	2000	12.3	UG/L	
AB024A00	A	B02	1	1	ARSENIC	N	4	2000	10	UG/L	
AB024A00F	A	B02	1	1	ARSENIC	Y	4	2000	9.7	UG/L	N
AB041A00	A	B04	2	1	ARSENIC	N	1	2000	6	UG/L	
AB041A00F	A	B04	2	1	ARSENIC	Y	1	2000	4.9	UG/L	
AB042A00	A	B04	2	1	ARSENIC	N	2	2000	6.2	UG/L	
AB042A00F	A	B04	2	1	ARSENIC	Y	2	2000	7.2	UG/L	
AB043A00	A	B04	2	1	ARSENIC	N	3	2000	8.3	UG/L	
AB043A00F	A	B04	2	1	ARSENIC	Y	3	2000	7.9	UG/L	
AB044A00	A	B04	2	1	ARSENIC	N	4	2000	8.1	UG/L	
AB044A00F	A	B04	2	1	ARSENIC	Y	4	2000	7.5	UG/L	N
AC02P21A00	A	C02P2	3	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC02P21A00F	A	C02P2	3	1	ARSENIC	Y	1	2000	0.5	UG/L	U
AC02P22A00	A	C02P2	3	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC02P22A00F	A	C02P2	3	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC02P23A00	A	C02P2	3	1	ARSENIC	N	3	2000	0.55	UG/L	U

Table 7.12. Raw Data for Arsenic. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC02P23A00F	A	C02P2	3	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC02P24A00	A	C02P2	3	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC02P24A00F	A	C02P2	3	1	ARSENIC	Y	4	2000	1	UG/L	UN
AC031A00	A	C03	4	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC031A00F	A	C03	4	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC032A00	A	C03	4	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC032A00F	A	C03	4	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC033A00	A	C03	4	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC033A00F	A	C03	4	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC034A00	A	C03	4	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC034A00F	A	C03	4	1	ARSENIC	Y	4	2000	1	UG/L	UN
AC041A00	A	C04	5	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC041A00F	A	C04	5	1	ARSENIC	Y	1	2000	0.5	UG/L	U
AC042A00	A	C04	5	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC042A00F	A	C04	5	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC043A00	A	C04	5	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC043A00F	A	C04	5	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC044A00	A	C04	5	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC044A00F	A	C04	5	1	ARSENIC	Y	4	2000	1	UG/L	UN
AC071A00	A	C07	6	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC071A00F	A	C07	6	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC072A00	A	C07	6	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC072A00F	A	C07	6	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC073A00	A	C07	6	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC073A00F	A	C07	6	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC074A00	A	C07	6	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC074A00F	A	C07	6	1	ARSENIC	Y	4	2000	0.5	UG/L	U
AC08P21A00	A	C08P2	7	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC08P21A00F	A	C08P2	7	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC08P22A00	A	C08P2	7	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC08P22A00F	A	C08P2	7	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC08P23A00	A	C08P2	7	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC08P23A00F	A	C08P2	7	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC08P24A00	A	C08P2	7	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC08P24A00F	A	C08P2	7	1	ARSENIC	Y	4	2000	0.5	UG/L	U
AC09P21A00	A	C09P2	8	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC09P21A00F	A	C09P2	8	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC09P22A00	A	C09P2	8	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC09P22A00F	A	C09P2	8	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC09P23A00	A	C09P2	8	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC09P23A00F	A	C09P2	8	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC09P24A00	A	C09P2	8	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC09P24A00F	A	C09P2	8	1	ARSENIC	Y	4	2000	1	UG/L	UN
AC101A00	A	C10	9	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC101A00F	A	C10	9	1	ARSENIC	Y	1	2000	0.55	UG/L	U

Table 7.12. Raw Data for Arsenic. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC102A00	A	C10	9	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC102A00F	A	C10	9	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC103A00	A	C10	9	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC103A00F	A	C10	9	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC104A00	A	C10	9	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC104A00F	A	C10	9	1	ARSENIC	Y	4	2000	1	UG/L	UN
AC111A00	A	C11	10	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC111A00F	A	C11	10	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC112A00	A	C11	10	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC112A00F	A	C11	10	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC113A00	A	C11	10	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC113A00F	A	C11	10	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC114A00	A	C11	10	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC114A00F	A	C11	10	1	ARSENIC	Y	4	2000	1	UG/L	UN
AC121A00	A	C12	11	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC121A00F	A	C12	11	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC122A00	A	C12	11	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC122A00F	A	C12	11	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC123A00	A	C12	11	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC123A00F	A	C12	11	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC124A00	A	C12	11	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC124A00F	A	C12	11	1	ARSENIC	Y	4	2000	1	UG/L	UN
AC151A00	A	C15	12	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC151A00F	A	C15	12	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC152A00	A	C15	12	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC152A00F	A	C15	12	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC153A00	A	C15	12	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC153A00F	A	C15	12	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC154A00	A	C15	12	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC154A00F	A	C15	12	1	ARSENIC	Y	4	2000	0.5	UG/L	U
AC171A00	A	C17	13	1	ARSENIC	N	1	2000	2	UG/L	
AC171A00F	A	C17	13	1	ARSENIC	Y	1	2000	2.1	UG/L	
AC172A00	A	C17	13	1	ARSENIC	N	2	2000	1.7	UG/L	
AC172A00F	A	C17	13	1	ARSENIC	Y	2	2000	1.8	UG/L	
AC173A00	A	C17	13	1	ARSENIC	N	3	2000	2.3	UG/L	
AC173A00F	A	C17	13	1	ARSENIC	Y	3	2000	2.5	UG/L	
AC174A00	A	C17	13	1	ARSENIC	N	4	2000	2.3	UG/L	
AC174A00F	A	C17	13	1	ARSENIC	Y	4	2000	2.6	UG/L	N
AC201A00	A	C20	14	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC201A00F	A	C20	14	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC202A00	A	C20	14	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC202A00F	A	C20	14	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC203A00	A	C20	14	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC203A00F	A	C20	14	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC204A00	A	C20	14	1	ARSENIC	N	4	2000	0.55	UG/L	U

Table 7.12. Raw Data for Arsenic. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC204A00F	A	C20	14	1	ARSENIC	Y	4	2000	0.5	UG/L	U
AC251A00	A	C25	15	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC251A00F	A	C25	15	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC252A00	A	C25	15	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC252A00F	A	C25	15	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC253A00	A	C25	15	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC253A00F	A	C25	15	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC254A00	A	C25	15	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC254A00F	A	C25	15	1	ARSENIC	Y	4	2000	1	UG/L	UN
AC261A00	A	C26	16	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC261A00F	A	C26	16	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC262A00	A	C26	16	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC262A00F	A	C26	16	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC263A00	A	C26	16	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC263A00F	A	C26	16	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC264A00	A	C26	16	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC264A00F	A	C26	16	1	ARSENIC	Y	4	2000	0.5	UG/L	U
AC271A00	A	C27	17	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC271A00F	A	C27	17	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC272A00	A	C27	17	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC272A00F	A	C27	17	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC273A00	A	C27	17	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC273A00F	A	C27	17	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC274A00	A	C27	17	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC274A00F	A	C27	17	1	ARSENIC	Y	4	2000	1	UG/L	UN
AC301A00	A	C30	18	1	ARSENIC	N	1	2000	0.55	UG/L	U
AC301A00F	A	C30	18	1	ARSENIC	Y	1	2000	0.55	UG/L	U
AC302A00	A	C30	18	1	ARSENIC	N	2	2000	0.55	UG/L	U
AC302A00F	A	C30	18	1	ARSENIC	Y	2	2000	0.5	UG/L	U
AC303A00	A	C30	18	1	ARSENIC	N	3	2000	0.55	UG/L	U
AC303A00F	A	C30	18	1	ARSENIC	Y	3	2000	0.5	UG/L	U
AC304A00	A	C30	18	1	ARSENIC	N	4	2000	0.55	UG/L	U
AC304A00F	A	C30	18	1	ARSENIC	Y	4	2000	1	UG/L	UN
ACRA1A00	A	CRA	21	1	ARSENIC	N	1	2000	0.55	UG/L	U
ACRA1A00F	A	CRA	21	1	ARSENIC	Y	1	2000	0.55	UG/L	U
ACRA2A00	A	CRA	21	1	ARSENIC	N	2	2000	0.55	UG/L	U
ACRA2A00F	A	CRA	21	1	ARSENIC	Y	2	2000	0.5	UG/L	U
ACRA3A00	A	CRA	21	1	ARSENIC	N	3	2000	0.55	UG/L	U
ACRA3A00F	A	CRA	21	1	ARSENIC	Y	3	2000	0.5	UG/L	U
ACRA4A00	A	CRA	21	1	ARSENIC	N	4	2000	0.55	UG/L	U
ACRA4A00F	A	CRA	21	1	ARSENIC	Y	4	2000	0.5	UG/L	U
ACRB1A00	A	CRB	22	1	ARSENIC	N	1	2000	0.55	UG/L	U
ACRB1A00F	A	CRB	22	1	ARSENIC	Y	1	2000	0.55	UG/L	U
ACRB2A00	A	CRB	22	1	ARSENIC	N	2	2000	0.55	UG/L	U
ACRB2A00F	A	CRB	22	1	ARSENIC	Y	2	2000	0.5	UG/L	U

Table 7.12. Raw Data for Arsenic. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRB3A00	A	CRB	22	1	ARSENIC	N	3	2000	0.55	UG/L	U
ACRB3A00F	A	CRB	22	1	ARSENIC	Y	3	2000	0.5	UG/L	U
ACRB4A00	A	CRB	22	1	ARSENIC	N	4	2000	0.55	UG/L	U
ACRB4A00F	A	CRB	22	1	ARSENIC	Y	4	2000	0.5	UG/L	UN
ASPA1A00	A	SPA	19	1	ARSENIC	N	1	2000	0.55	UG/L	U
ASPA1A00F	A	SPA	19	1	ARSENIC	Y	1	2000	0.55	UG/L	U
ASPA2A00	A	SPA	19	1	ARSENIC	N	2	2000	0.55	UG/L	U
ASPA2A00F	A	SPA	19	1	ARSENIC	Y	2	2000	0.5	UG/L	U
ASPA3A00	A	SPA	19	1	ARSENIC	N	3	2000	0.55	UG/L	U
ASPA3A00F	A	SPA	19	1	ARSENIC	Y	3	2000	0.5	UG/L	U
ASPA4A00	A	SPA	19	1	ARSENIC	N	4	2000	0.55	UG/L	U
ASPA4A00F	A	SPA	19	1	ARSENIC	Y	4	2000	0.5	UG/L	U
ASPC1A00	A	SPC	20	1	ARSENIC	N	1	2000	0.55	UG/L	U
ASPC1A00F	A	SPC	20	1	ARSENIC	Y	1	2000	0.55	UG/L	U
ASPC2A00	A	SPC	20	1	ARSENIC	N	2	2000	0.55	UG/L	U
ASPC2A00F	A	SPC	20	1	ARSENIC	Y	2	2000	0.5	UG/L	U
ASPC3A00	A	SPC	20	1	ARSENIC	N	3	2000	0.55	UG/L	U
ASPC3A00F	A	SPC	20	1	ARSENIC	Y	3	2000	0.5	UG/L	U
ASPC4A00	A	SPC	20	1	ARSENIC	N	4	2000	0.55	UG/L	U
ASPC4A00F	A	SPC	20	1	ARSENIC	Y	4	2000	0.5	UG/L	U
DC021A00	D	C02	1	1	ARSENIC	N	1	2000	0.55	UG/L	U
DC021A00F	D	C02	1	1	ARSENIC	Y	1	2000	0.55	UG/L	U
DC023A00	D	C02	1	1	ARSENIC	N	3	2000	0.55	UG/L	U
DC023A00F	D	C02	1	1	ARSENIC	Y	3	2000	0.5	UG/L	U
DC031A00	D	C03	2	1	ARSENIC	N	1	2000	12.8	UG/L	
DC031A00F	D	C03	2	1	ARSENIC	Y	1	2000	12.9	UG/L	
DC033A00	D	C03	2	1	ARSENIC	N	3	2000	16.6	UG/L	
DC033A00F	D	C03	2	1	ARSENIC	Y	3	2000	20.4	UG/L	
DC03P21A00	D	C03P2	1	2	ARSENIC	N	1	2000	0.55	UG/L	U
DC03P21A00F	D	C03P2	1	2	ARSENIC	Y	1	2000	0.55	UG/L	U
DC03P23A00	D	C03P2	1	2	ARSENIC	N	3	2000	0.55	UG/L	U
DC03P23A00F	D	C03P2	1	2	ARSENIC	Y	3	2000	0.5	UG/L	U
DC041A00	D	C04	3	1	ARSENIC	N	1	2000	0.55	UG/L	U
DC041A00F	D	C04	3	1	ARSENIC	Y	1	2000	0.55	UG/L	U
DC043A00	D	C04	3	1	ARSENIC	N	3	2000	0.55	UG/L	U
DC043A00F	D	C04	3	1	ARSENIC	Y	3	2000	0.5	UG/L	U
DC04P21A00	D	C04P2	2	2	ARSENIC	N	1	2000	0.55	UG/L	U
DC04P21A00F	D	C04P2	2	2	ARSENIC	Y	1	2000	0.55	UG/L	U
DC04P23A00	D	C04P2	2	2	ARSENIC	N	3	2000	0.55	UG/L	U
DC04P23A00F	D	C04P2	2	2	ARSENIC	Y	3	2000	0.5	UG/L	U
DC051A00	D	C05	4	1	ARSENIC	N	1	2000	0.55	UG/L	U
DC051A00F	D	C05	4	1	ARSENIC	Y	1	2000	0.55	UG/L	U
DC053B00	D	C05	4	1	ARSENIC	N	3	2000	0.55	UG/L	U
DC053B00F	D	C05	4	1	ARSENIC	Y	3	2000	0.5	UG/L	U
DC061A00	D	C06	5	1	ARSENIC	N	1	2000	0.55	UG/L	U

Table 7.12. Raw Data for Arsenic. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC061A00F	D	C06	5	1	ARSENIC	Y	1	2000	0.55	UG/L	U
DC063A00	D	C06	5	1	ARSENIC	N	3	2000	0.55	UG/L	U
DC063A00F	D	C06	5	1	ARSENIC	Y	3	2000	0.5	UG/L	U
DC06P21A00	D	C06P2	3	2	ARSENIC	N	1	2000	0.55	UG/L	U
DC06P21A00F	D	C06P2	3	2	ARSENIC	Y	1	2000	0.55	UG/L	U
DC06P23A00	D	C06P2	3	2	ARSENIC	N	3	2000	0.55	UG/L	U
DC06P23A00F	D	C06P2	3	2	ARSENIC	Y	3	2000	0.5	UG/L	U
DC071A00	D	C07	6	1	ARSENIC	N	1	2000	0.55	UG/L	U
DC071A00F	D	C07	6	1	ARSENIC	Y	1	2000	0.55	UG/L	U
DC073A00	D	C07	6	1	ARSENIC	N	3	2000	0.55	UG/L	U
DC073A00F	D	C07	6	1	ARSENIC	Y	3	2000	0.5	UG/L	U
DC081A00	D	C08	7	1	ARSENIC	N	1	2000	1.7	UG/L	
DC081A00F	D	C08	7	1	ARSENIC	Y	1	2000	2	UG/L	
DC083A00	D	C08	7	1	ARSENIC	N	3	2000	1.4	UG/L	
DC083A00F	D	C08	7	1	ARSENIC	Y	3	2000	1.7	UG/L	
DC08P21A00	D	C08P2	4	2	ARSENIC	N	1	2000	1.7	UG/L	
DC08P21A00F	D	C08P2	4	2	ARSENIC	Y	1	2000	1.8	UG/L	
DC08P23A00	D	C08P2	4	2	ARSENIC	N	3	2000	2	UG/L	
DC08P23A00F	D	C08P2	4	2	ARSENIC	Y	3	2000	2	UG/L	
FD01310001	D	C06	5	1	ARSENIC	N	1	2000	0.55	UG/L	U
FD01310001F	D	C06	5	1	ARSENIC	Y	1	2000	0.55	UG/L	U
FD02140001	D	C03P2	1	2	ARSENIC	N	1	2000	0.55	UG/L	U
FD02140001F	D	C03P2	1	2	ARSENIC	Y	1	2000	0.55	UG/L	U
FD02230001	O	C11P2	1	2	ARSENIC	N	1	2000	1.9	UG/L	
FD02230001F	O	C11P2	1	2	ARSENIC	Y	1	2000	0.55	UG/L	U
FD02280001	O	C13	4	1	ARSENIC	N	1	2000	33.1	UG/L	
FD02280001F	O	C13	4	1	ARSENIC	Y	1	2000	33	UG/L	
FD03140001	A	SPC	20	1	ARSENIC	N	1	2000	0.55	UG/L	U
FD03140001F	A	SPC	20	1	ARSENIC	Y	1	2000	0.55	UG/L	U
FD03250001	A	C09P2	8	1	ARSENIC	N	1	2000	0.55	UG/L	U
FD03250001F	A	C09P2	8	1	ARSENIC	Y	1	2000	0.55	UG/L	U
FD03290001	A	SPA	19	1	ARSENIC	N	1	2000	0.55	UG/L	U
FD03290001F	A	SPA	19	1	ARSENIC	Y	1	2000	0.55	UG/L	U
FD04190001	O	C13P2	2	2	ARSENIC	N	2	2000	34.3	UG/L	
FD04190001F	O	C13P2	2	2	ARSENIC	Y	2	2000	33	UG/L	N
FD05080001	O	C18	8	1	ARSENIC	N	2	2000	2.1	UG/L	
FD05080001F	O	C18	8	1	ARSENIC	Y	2	2000	1.9	UG/L	
FD06090001	A	CRA	21	1	ARSENIC	N	2	2000	0.55	UG/L	U
FD06090001F	A	CRA	21	1	ARSENIC	Y	2	2000	0.5	UG/L	U
FD06230001	A	C10	9	1	ARSENIC	N	2	2000	0.55	UG/L	U
FD06230001F	A	C10	9	1	ARSENIC	Y	2	2000	0.5	UG/L	U
FD06280001	A	SPC	20	1	ARSENIC	N	2	2000	0.55	UG/L	U
FD06280001F	A	SPC	20	1	ARSENIC	Y	2	2000	0.5	UG/L	U
FD07290001	D	C05	4	1	ARSENIC	N	3	2000	0.55	UG/L	U
FD07290001F	D	C05	4	1	ARSENIC	Y	3	2000	0.5	UG/L	U

Table 7.12. Raw Data for Arsenic. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD08090001	D	C02	1	1	ARSENIC	N	3	2000	0.55	UG/L	U
FD08090001F	D	C02	1	1	ARSENIC	Y	3	2000	0.5	UG/L	U
FD08250001	O	C14	5	1	ARSENIC	N	3	2000	0.55	UG/L	U
FD08250001F	O	C14	5	1	ARSENIC	Y	3	2000	0.5	UG/L	U
FD08300001	O	C18P2	4	2	ARSENIC	N	3	2000	18.6	UG/L	
FD08300001F	O	C18P2	4	2	ARSENIC	Y	3	2000	22.8	UG/L	
FD09130001	A	C12	11	1	ARSENIC	N	3	2000	0.55	UG/L	U
FD09130001F	A	C12	11	1	ARSENIC	Y	3	2000	0.5	UG/L	U
FD09200001	A	CRB	22	1	ARSENIC	N	3	2000	0.55	UG/L	U
FD09200001F	A	CRB	22	1	ARSENIC	Y	3	2000	0.5	UG/L	U
FD09290001	A	SPC	20	1	ARSENIC	N	3	2000	0.55	UG/L	U
FD09290001F	A	SPC	20	1	ARSENIC	Y	3	2000	0.5	UG/L	U
FD11190001	O	C14	5	1	ARSENIC	N	4	2000	0.55	UG/L	U
FD11190001F	O	C14	5	1	ARSENIC	Y	4	2000	0.5	UG/L	U
FD11200001	O	C13P2	2	2	ARSENIC	N	4	2000	32.7	UG/L	
FD11200001F	O	C13P2	2	2	ARSENIC	Y	4	2000	37.2	UG/L	
FD12010001	A	C09P2	8	1	ARSENIC	N	4	2000	0.55	UG/L	U
FD12010001F	A	C09P2	8	1	ARSENIC	Y	4	2000	1	UG/L	UN
FD12120001	A	CRB	22	1	ARSENIC	N	4	2000	0.55	UG/L	U
FD12120001F	A	CRB	22	1	ARSENIC	Y	4	2000	0.5	UG/L	UN
OC081A00	O	C08	1	1	ARSENIC	N	1	2000	1.7	UG/L	
OC081A00F	O	C08	1	1	ARSENIC	Y	1	2000	2	UG/L	
OC082A00	O	C08	1	1	ARSENIC	N	2	2000	1.7	UG/L	
OC082A00F	O	C08	1	1	ARSENIC	Y	2	2000	1.9	UG/L	
OC083A00	O	C08	1	1	ARSENIC	N	3	2000	1.5	UG/L	
OC083A00F	O	C08	1	1	ARSENIC	Y	3	2000	1.8	UG/L	
OC084A00	O	C08	1	1	ARSENIC	N	4	2000	1.4	UG/L	
OC084A00F	O	C08	1	1	ARSENIC	Y	4	2000	1.6	UG/L	
OC111A00	O	C11	2	1	ARSENIC	N	1	2000	2.6	UG/L	
OC111A00F	O	C11	2	1	ARSENIC	Y	1	2000	2.3	UG/L	
OC112A00	O	C11	2	1	ARSENIC	N	2	2000	1.3	UG/L	
OC112A00F	O	C11	2	1	ARSENIC	Y	2	2000	0.55	UG/L	U
OC113A00	O	C11	2	1	ARSENIC	N	3	2000	0.55	UG/L	U
OC113A00F	O	C11	2	1	ARSENIC	Y	3	2000	0.5	UG/L	U
OC114A00	O	C11	2	1	ARSENIC	N	4	2000	0.55	UG/L	U
OC114A00F	O	C11	2	1	ARSENIC	Y	4	2000	1	UG/L	UN
OC11P21A00	O	C11P2	1	2	ARSENIC	N	1	2000	2	UG/L	
OC11P21A00F	O	C11P2	1	2	ARSENIC	Y	1	2000	0.55	UG/L	U
OC11P22A00	O	C11P2	1	2	ARSENIC	N	2	2000	0.55	UG/L	U
OC11P22A00F	O	C11P2	1	2	ARSENIC	Y	2	2000	0.55	UG/L	U
OC11P23A00	O	C11P2	1	2	ARSENIC	N	3	2000	0.55	UG/L	U
OC11P23A00F	O	C11P2	1	2	ARSENIC	Y	3	2000	0.5	UG/L	U
OC11P24A00	O	C11P2	1	2	ARSENIC	N	4	2000	0.55	UG/L	U
OC11P24A00F	O	C11P2	1	2	ARSENIC	Y	4	2000	1	UG/L	UN
OC121A00	O	C12	3	1	ARSENIC	N	1	2000	0.55	UG/L	U

Table 7.12. Raw Data for Arsenic. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC121A00F	O	C12	3	1	ARSENIC	Y	1	2000	0.55	UG/L	U
OC122A00	O	C12	3	1	ARSENIC	N	2	2000	0.55	UG/L	U
OC122A00F	O	C12	3	1	ARSENIC	Y	2	2000	1.1	UG/L	UN
OC123A00	O	C12	3	1	ARSENIC	N	3	2000	0.55	UG/L	U
OC123A00F	O	C12	3	1	ARSENIC	Y	3	2000	0.5	UG/L	U
OC124A00	O	C12	3	1	ARSENIC	N	4	2000	0.55	UG/L	U
OC124A00F	O	C12	3	1	ARSENIC	Y	4	2000	0.5	UG/L	U
OC131A00	O	C13	4	1	ARSENIC	N	1	2000	33.7	UG/L	
OC131A00F	O	C13	4	1	ARSENIC	Y	1	2000	22	UG/L	
OC132A00	O	C13	4	1	ARSENIC	N	2	2000	29.6	UG/L	
OC132A00F	O	C13	4	1	ARSENIC	Y	2	2000	22.1	UG/L	N
OC133A00	O	C13	4	1	ARSENIC	N	3	2000	31.1	UG/L	
OC133A00F	O	C13	4	1	ARSENIC	Y	3	2000	29.6	UG/L	
OC134A00	O	C13	4	1	ARSENIC	N	4	2000	30.7	UG/L	
OC134A00F	O	C13	4	1	ARSENIC	Y	4	2000	29.8	UG/L	
OC13P21A00	O	C13P2	2	2	ARSENIC	N	1	2000	33.7	UG/L	
OC13P21A00F	O	C13P2	2	2	ARSENIC	Y	1	2000	22.6	UG/L	
OC13P22A00	O	C13P2	2	2	ARSENIC	N	2	2000	34.8	UG/L	
OC13P22A00F	O	C13P2	2	2	ARSENIC	Y	2	2000	31.9	UG/L	N
OC13P23A00	O	C13P2	2	2	ARSENIC	N	3	2000	35.5	UG/L	
OC13P23A00F	O	C13P2	2	2	ARSENIC	Y	3	2000	39.4	UG/L	
OC13P24A00	O	C13P2	2	2	ARSENIC	N	4	2000	33.3	UG/L	
OC13P24A00F	O	C13P2	2	2	ARSENIC	Y	4	2000	38.2	UG/L	
OC141A00	O	C14	5	1	ARSENIC	N	1	2000	1.6	UG/L	
OC141A00F	O	C14	5	1	ARSENIC	Y	1	2000	0.55	UG/L	U
OC142A00	O	C14	5	1	ARSENIC	N	2	2000	1.2	UG/L	
OC142A00F	O	C14	5	1	ARSENIC	Y	2	2000	1.1	UG/L	UN
OC143A00	O	C14	5	1	ARSENIC	N	3	2000	0.55	UG/L	U
OC143A00F	O	C14	5	1	ARSENIC	Y	3	2000	0.5	UG/L	U
OC144A00	O	C14	5	1	ARSENIC	N	4	2000	0.55	UG/L	U
OC144A00F	O	C14	5	1	ARSENIC	Y	4	2000	0.5	UG/L	U
OC14P21A00	O	C14P2	3	2	ARSENIC	N	1	2000	0.55	UG/L	U
OC14P21A00F	O	C14P2	3	2	ARSENIC	Y	1	2000	0.55	UG/L	U
OC14P22A00	O	C14P2	3	2	ARSENIC	N	2	2000	0.55	UG/L	U
OC14P22A00F	O	C14P2	3	2	ARSENIC	Y	2	2000	1.1	UG/L	UN
OC14P23A00	O	C14P2	3	2	ARSENIC	N	3	2000	0.55	UG/L	U
OC14P23A00F	O	C14P2	3	2	ARSENIC	Y	3	2000	0.5	UG/L	U
OC14P24A00	O	C14P2	3	2	ARSENIC	N	4	2000	0.55	UG/L	U
OC14P24A00F	O	C14P2	3	2	ARSENIC	Y	4	2000	0.5	UG/L	U
OC151A00	O	C15	6	1	ARSENIC	N	1	2000	0.55	UG/L	U
OC151A00F	O	C15	6	1	ARSENIC	Y	1	2000	0.55	UG/L	U
OC152A00	O	C15	6	1	ARSENIC	N	2	2000	0.55	UG/L	U
OC152A00F	O	C15	6	1	ARSENIC	Y	2	2000	1.1	UG/L	UN
OC153A00	O	C15	6	1	ARSENIC	N	3	2000	0.55	UG/L	U
OC153A00F	O	C15	6	1	ARSENIC	Y	3	2000	0.5	UG/L	U

Table 7.12. Raw Data for Arsenic. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC154A00	O	C15	6	1	ARSENIC	N	4	2000	0.55	UG/L	U
OC154A00F	O	C15	6	1	ARSENIC	Y	4	2000	0.5	UG/L	U
OC161A00	O	C16	7	1	ARSENIC	N	1	2000	0.55	UG/L	U
OC161A00F	O	C16	7	1	ARSENIC	Y	1	2000	0.55	UG/L	U
OC162A00	O	C16	7	1	ARSENIC	N	2	2000	0.55	UG/L	U
OC162A00F	O	C16	7	1	ARSENIC	Y	2	2000	0.55	UG/L	U
OC163A00	O	C16	7	1	ARSENIC	N	3	2000	0.55	UG/L	U
OC163A00F	O	C16	7	1	ARSENIC	Y	3	2000	0.5	UG/L	U
OC164A00	O	C16	7	1	ARSENIC	N	4	2000	0.55	UG/L	U
OC164A00F	O	C16	7	1	ARSENIC	Y	4	2000	0.5	UG/L	U
OC181A00	O	C18	8	1	ARSENIC	N	1	2000	2.2	UG/L	
OC181A00F	O	C18	8	1	ARSENIC	Y	1	2000	2	UG/L	
OC182A00	O	C18	8	1	ARSENIC	N	2	2000	2.1	UG/L	
OC182A00F	O	C18	8	1	ARSENIC	Y	2	2000	1.9	UG/L	
OC183A00	O	C18	8	1	ARSENIC	N	3	2000	2.2	UG/L	
OC183A00F	O	C18	8	1	ARSENIC	Y	3	2000	2.5	UG/L	
OC184A00	O	C18	8	1	ARSENIC	N	4	2000	2	UG/L	
OC184A00F	O	C18	8	1	ARSENIC	Y	4	2000	2.2	UG/L	
OC18P21A00	O	C18P2	4	2	ARSENIC	N	1	2000	19.1	UG/L	
OC18P21A00F	O	C18P2	4	2	ARSENIC	Y	1	2000	19	UG/L	
OC18P22A00	O	C18P2	4	2	ARSENIC	N	2	2000	16.7	UG/L	
OC18P22A00F	O	C18P2	4	2	ARSENIC	Y	2	2000	16.6	UG/L	
OC18P23A00	O	C18P2	4	2	ARSENIC	N	3	2000	18.9	UG/L	
OC18P23A00F	O	C18P2	4	2	ARSENIC	Y	3	2000	23.2	UG/L	
OC18P24A00	O	C18P2	4	2	ARSENIC	N	4	2000	19.7	UG/L	
OC18P24A00F	O	C18P2	4	2	ARSENIC	Y	4	2000	24.3	UG/L	
OC191A00	O	C19	9	1	ARSENIC	N	1	2000	1.6	UG/L	
OC191A00F	O	C19	9	1	ARSENIC	Y	1	2000	1.4	UG/L	
OC192A00	O	C19	9	1	ARSENIC	N	2	2000	0.55	UG/L	U
OC192A00F	O	C19	9	1	ARSENIC	Y	2	2000	2.1	UG/L	
OC193A00	O	C19	9	1	ARSENIC	N	3	2000	1.3	UG/L	
OC193A00F	O	C19	9	1	ARSENIC	Y	3	2000	1.3	UG/L	
OC194A00	O	C19	9	1	ARSENIC	N	4	2000	1.2	UG/L	
OC194A00F	O	C19	9	1	ARSENIC	Y	4	2000	1.3	UG/L	
OC19P21A00	O	C19P2	5	2	ARSENIC	N	1	2000	2.4	UG/L	
OC19P21A00F	O	C19P2	5	2	ARSENIC	Y	1	2000	2	UG/L	
OC19P22100F	O	C19P2	5	2	ARSENIC	Y	2	2000	1.1	UG/L	
OC19P22A00	O	C19P2	5	2	ARSENIC	N	2	2000	3	UG/L	
OC19P23A00	O	C19P2	5	2	ARSENIC	N	3	2000	2.4	UG/L	
OC19P23A00F	O	C19P2	5	2	ARSENIC	Y	3	2000	2.5	UG/L	
OC19P24A00	O	C19P2	5	2	ARSENIC	N	4	2000	2.3	UG/L	
OC19P24A00F	O	C19P2	5	2	ARSENIC	Y	4	2000	2.3	UG/L	

Table 7.13. Raw Data for Barium.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	BARIUM	N	1	2000	83.4	UG/L	
AB021A00F	A	B02	1	1	BARIUM	Y	1	2000	79.3	UG/L	
AB022A00	A	B02	1	1	BARIUM	N	2	2000	92.9	UG/L	
AB022A00F	A	B02	1	1	BARIUM	Y	2	2000	93.1	UG/L	
AB023A00	A	B02	1	1	BARIUM	N	3	2000	94.6	UG/L	
AB023A00F	A	B02	1	1	BARIUM	Y	3	2000	88.2	UG/L	
AB024A00	A	B02	1	1	BARIUM	N	4	2000	97.5	UG/L	
AB024A00F	A	B02	1	1	BARIUM	Y	4	2000	88.7	UG/L	N
AB041A00	A	B04	2	1	BARIUM	N	1	2000	87.8	UG/L	
AB041A00F	A	B04	2	1	BARIUM	Y	1	2000	86.8	UG/L	
AB042A00	A	B04	2	1	BARIUM	N	2	2000	96.3	UG/L	
AB042A00F	A	B04	2	1	BARIUM	Y	2	2000	98.7	UG/L	
AB043A00	A	B04	2	1	BARIUM	N	3	2000	107	UG/L	
AB043A00F	A	B04	2	1	BARIUM	Y	3	2000	96.4	UG/L	
AB044A00	A	B04	2	1	BARIUM	N	4	2000	104	UG/L	
AB044A00F	A	B04	2	1	BARIUM	Y	4	2000	97	UG/L	N
AC02P21A00	A	C02P2	3	1	BARIUM	N	1	2000	101	UG/L	
AC02P21A00F	A	C02P2	3	1	BARIUM	Y	1	2000	95	UG/L	
AC02P22A00	A	C02P2	3	1	BARIUM	N	2	2000	99.8	UG/L	
AC02P22A00F	A	C02P2	3	1	BARIUM	Y	2	2000	108	UG/L	
AC02P23A00	A	C02P2	3	1	BARIUM	N	3	2000	132	UG/L	
AC02P23A00F	A	C02P2	3	1	BARIUM	Y	3	2000	123	UG/L	
AC02P24A00	A	C02P2	3	1	BARIUM	N	4	2000	70.3	UG/L	
AC02P24A00F	A	C02P2	3	1	BARIUM	Y	4	2000	68.1	UG/L	N
AC031A00	A	C03	4	1	BARIUM	N	1	2000	42.7	UG/L	
AC031A00F	A	C03	4	1	BARIUM	Y	1	2000	42.9	UG/L	
AC032A00	A	C03	4	1	BARIUM	N	2	2000	44.8	UG/L	
AC032A00F	A	C03	4	1	BARIUM	Y	2	2000	45.4	UG/L	
AC033A00	A	C03	4	1	BARIUM	N	3	2000	44.9	UG/L	
AC033A00F	A	C03	4	1	BARIUM	Y	3	2000	39.9	UG/L	
AC034A00	A	C03	4	1	BARIUM	N	4	2000	45.2	UG/L	
AC034A00F	A	C03	4	1	BARIUM	Y	4	2000	44.2	UG/L	N
AC041A00	A	C04	5	1	BARIUM	N	1	2000	30.9	UG/L	
AC041A00F	A	C04	5	1	BARIUM	Y	1	2000	26	UG/L	
AC042A00	A	C04	5	1	BARIUM	N	2	2000	23.7	UG/L	
AC042A00F	A	C04	5	1	BARIUM	Y	2	2000	23.7	UG/L	
AC043A00	A	C04	5	1	BARIUM	N	3	2000	43.4	UG/L	
AC043A00F	A	C04	5	1	BARIUM	Y	3	2000	20.7	UG/L	
AC044A00	A	C04	5	1	BARIUM	N	4	2000	26.9	UG/L	
AC044A00F	A	C04	5	1	BARIUM	Y	4	2000	22.2	UG/L	N
AC071A00	A	C07	6	1	BARIUM	N	1	2000	32.8	UG/L	
AC071A00F	A	C07	6	1	BARIUM	Y	1	2000	33.7	UG/L	
AC072A00	A	C07	6	1	BARIUM	N	2	2000	33.8	UG/L	
AC072A00F	A	C07	6	1	BARIUM	Y	2	2000	34.4	UG/L	

Table 7.13. Raw Data for Barium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC073A00	A	C07	6	1	BARIUM	N	3	2000	33.7	UG/L	
AC073A00F	A	C07	6	1	BARIUM	Y	3	2000	30.9	UG/L	
AC074A00	A	C07	6	1	BARIUM	N	4	2000	32.6	UG/L	
AC074A00F	A	C07	6	1	BARIUM	Y	4	2000	30.8	UG/L	
AC08P21A00	A	C08P2	7	1	BARIUM	N	1	2000	64.7	UG/L	
AC08P21A00F	A	C08P2	7	1	BARIUM	Y	1	2000	59.9	UG/L	
AC08P22A00	A	C08P2	7	1	BARIUM	N	2	2000	61	UG/L	
AC08P22A00F	A	C08P2	7	1	BARIUM	Y	2	2000	60.2	UG/L	
AC08P23A00	A	C08P2	7	1	BARIUM	N	3	2000	27.2	UG/L	
AC08P23A00F	A	C08P2	7	1	BARIUM	Y	3	2000	56.1	UG/L	
AC08P24A00	A	C08P2	7	1	BARIUM	N	4	2000	71.8	UG/L	
AC08P24A00F	A	C08P2	7	1	BARIUM	Y	4	2000	65.9	UG/L	
AC09P21A00	A	C09P2	8	1	BARIUM	N	1	2000	13.9	UG/L	
AC09P21A00F	A	C09P2	8	1	BARIUM	Y	1	2000	13.7	UG/L	
AC09P22A00	A	C09P2	8	1	BARIUM	N	2	2000	14.9	UG/L	
AC09P22A00F	A	C09P2	8	1	BARIUM	Y	2	2000	15.4	UG/L	
AC09P23A00	A	C09P2	8	1	BARIUM	N	3	2000	16.2	UG/L	
AC09P23A00F	A	C09P2	8	1	BARIUM	Y	3	2000	13.4	UG/L	
AC09P24A00	A	C09P2	8	1	BARIUM	N	4	2000	15.1	UG/L	
AC09P24A00F	A	C09P2	8	1	BARIUM	Y	4	2000	14.7	UG/L	N
AC101A00	A	C10	9	1	BARIUM	N	1	2000	45.1	UG/L	
AC101A00F	A	C10	9	1	BARIUM	Y	1	2000	45.4	UG/L	
AC102A00	A	C10	9	1	BARIUM	N	2	2000	51.2	UG/L	
AC102A00F	A	C10	9	1	BARIUM	Y	2	2000	50.3	UG/L	
AC103A00	A	C10	9	1	BARIUM	N	3	2000	48.5	UG/L	
AC103A00F	A	C10	9	1	BARIUM	Y	3	2000	44.8	UG/L	
AC104A00	A	C10	9	1	BARIUM	N	4	2000	47.1	UG/L	
AC104A00F	A	C10	9	1	BARIUM	Y	4	2000	48.6	UG/L	N
AC111A00	A	C11	10	1	BARIUM	N	1	2000	23.6	UG/L	
AC111A00F	A	C11	10	1	BARIUM	Y	1	2000	22.4	UG/L	
AC112A00	A	C11	10	1	BARIUM	N	2	2000	23.3	UG/L	
AC112A00F	A	C11	10	1	BARIUM	Y	2	2000	24.9	UG/L	
AC113A00	A	C11	10	1	BARIUM	N	3	2000	24	UG/L	
AC113A00F	A	C11	10	1	BARIUM	Y	3	2000	22.6	UG/L	
AC114A00	A	C11	10	1	BARIUM	N	4	2000	23.7	UG/L	
AC114A00F	A	C11	10	1	BARIUM	Y	4	2000	22.6	UG/L	N
AC121A00	A	C12	11	1	BARIUM	N	1	2000	92.1	UG/L	
AC121A00F	A	C12	11	1	BARIUM	Y	1	2000	96	UG/L	
AC122A00	A	C12	11	1	BARIUM	N	2	2000	102	UG/L	
AC122A00F	A	C12	11	1	BARIUM	Y	2	2000	102	UG/L	
AC123A00	A	C12	11	1	BARIUM	N	3	2000	40.1	UG/L	
AC123A00F	A	C12	11	1	BARIUM	Y	3	2000	114	UG/L	
AC124A00	A	C12	11	1	BARIUM	N	4	2000	111	UG/L	
AC124A00F	A	C12	11	1	BARIUM	Y	4	2000	104	UG/L	N
AC151A00	A	C15	12	1	BARIUM	N	1	2000	22.8	UG/L	

Table 7.13. Raw Data for Barium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC151A00F	A	C15	12	1	BARIUM	Y	1	2000	23.6	UG/L	
AC152A00	A	C15	12	1	BARIUM	N	2	2000	23.9	UG/L	
AC152A00F	A	C15	12	1	BARIUM	Y	2	2000	25.6	UG/L	
AC153A00	A	C15	12	1	BARIUM	N	3	2000	24	UG/L	
AC153A00F	A	C15	12	1	BARIUM	Y	3	2000	23.2	UG/L	
AC154A00	A	C15	12	1	BARIUM	N	4	2000	25.6	UG/L	
AC154A00F	A	C15	12	1	BARIUM	Y	4	2000	24.5	UG/L	
AC171A00	A	C17	13	1	BARIUM	N	1	2000	13.3	UG/L	
AC171A00F	A	C17	13	1	BARIUM	Y	1	2000	12.2	UG/L	
AC172A00	A	C17	13	1	BARIUM	N	2	2000	13.6	UG/L	
AC172A00F	A	C17	13	1	BARIUM	Y	2	2000	12.9	UG/L	
AC173A00	A	C17	13	1	BARIUM	N	3	2000	13.8	UG/L	
AC173A00F	A	C17	13	1	BARIUM	Y	3	2000	12.1	UG/L	
AC174A00	A	C17	13	1	BARIUM	N	4	2000	13.1	UG/L	
AC174A00F	A	C17	13	1	BARIUM	Y	4	2000	12.3	UG/L	N
AC201A00	A	C20	14	1	BARIUM	N	1	2000	32.1	UG/L	
AC201A00F	A	C20	14	1	BARIUM	Y	1	2000	32.7	UG/L	
AC202A00	A	C20	14	1	BARIUM	N	2	2000	34.4	UG/L	
AC202A00F	A	C20	14	1	BARIUM	Y	2	2000	36.4	UG/L	
AC203A00	A	C20	14	1	BARIUM	N	3	2000	33	UG/L	
AC203A00F	A	C20	14	1	BARIUM	Y	3	2000	32.2	UG/L	
AC204A00	A	C20	14	1	BARIUM	N	4	2000	34.3	UG/L	
AC204A00F	A	C20	14	1	BARIUM	Y	4	2000	33.4	UG/L	
AC251A00	A	C25	15	1	BARIUM	N	1	2000	16.6	UG/L	
AC251A00F	A	C25	15	1	BARIUM	Y	1	2000	16.9	UG/L	
AC252A00	A	C25	15	1	BARIUM	N	2	2000	17.9	UG/L	
AC252A00F	A	C25	15	1	BARIUM	Y	2	2000	15.2	UG/L	
AC253A00	A	C25	15	1	BARIUM	N	3	2000	18.9	UG/L	
AC253A00F	A	C25	15	1	BARIUM	Y	3	2000	16.4	UG/L	
AC254A00	A	C25	15	1	BARIUM	N	4	2000	18.1	UG/L	
AC254A00F	A	C25	15	1	BARIUM	Y	4	2000	17.8	UG/L	N
AC261A00	A	C26	16	1	BARIUM	N	1	2000	38.4	UG/L	
AC261A00F	A	C26	16	1	BARIUM	Y	1	2000	39.7	UG/L	
AC262A00	A	C26	16	1	BARIUM	N	2	2000	43.2	UG/L	
AC262A00F	A	C26	16	1	BARIUM	Y	2	2000	44.2	UG/L	
AC263A00	A	C26	16	1	BARIUM	N	3	2000	60	UG/L	
AC263A00F	A	C26	16	1	BARIUM	Y	3	2000	38	UG/L	
AC264A00	A	C26	16	1	BARIUM	N	4	2000	42.6	UG/L	
AC264A00F	A	C26	16	1	BARIUM	Y	4	2000	40	UG/L	
AC271A00	A	C27	17	1	BARIUM	N	1	2000	33.3	UG/L	
AC271A00F	A	C27	17	1	BARIUM	Y	1	2000	34.1	UG/L	
AC272A00	A	C27	17	1	BARIUM	N	2	2000	35.4	UG/L	
AC272A00F	A	C27	17	1	BARIUM	Y	2	2000	36.9	UG/L	
AC273A00	A	C27	17	1	BARIUM	N	3	2000	38.4	UG/L	
AC273A00F	A	C27	17	1	BARIUM	Y	3	2000	35	UG/L	

Table 7.13. Raw Data for Barium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC274A00	A	C27	17	1	BARIUM	N	4	2000	37.2	UG/L	
AC274A00F	A	C27	17	1	BARIUM	Y	4	2000	37.8	UG/L	N
AC301A00	A	C30	18	1	BARIUM	N	1	2000	61.1	UG/L	
AC301A00F	A	C30	18	1	BARIUM	Y	1	2000	46	UG/L	
AC302A00	A	C30	18	1	BARIUM	N	2	2000	58.6	UG/L	
AC302A00F	A	C30	18	1	BARIUM	Y	2	2000	54.2	UG/L	
AC303A00	A	C30	18	1	BARIUM	N	3	2000	66.3	UG/L	
AC303A00F	A	C30	18	1	BARIUM	Y	3	2000	60.6	UG/L	
AC304A00	A	C30	18	1	BARIUM	N	4	2000	54.7	UG/L	
AC304A00F	A	C30	18	1	BARIUM	Y	4	2000	49.5	UG/L	N
ACRA1A00	A	CRA	21	1	BARIUM	N	1	2000	70.7	UG/L	
ACRA1A00F	A	CRA	21	1	BARIUM	Y	1	2000	72.1	UG/L	
ACRA2A00	A	CRA	21	1	BARIUM	N	2	2000	122	UG/L	
ACRA2A00F	A	CRA	21	1	BARIUM	Y	2	2000	127	UG/L	
ACRA3A00	A	CRA	21	1	BARIUM	N	3	2000	127	UG/L	
ACRA3A00F	A	CRA	21	1	BARIUM	Y	3	2000	128	UG/L	
ACRA4A00	A	CRA	21	1	BARIUM	N	4	2000	46.2	UG/L	
ACRA4A00F	A	CRA	21	1	BARIUM	Y	4	2000	45.4	UG/L	
ACRB1A00	A	CRB	22	1	BARIUM	N	1	2000	70.3	UG/L	
ACRB1A00F	A	CRB	22	1	BARIUM	Y	1	2000	67.2	UG/L	
ACRB2A00	A	CRB	22	1	BARIUM	N	2	2000	122	UG/L	
ACRB2A00F	A	CRB	22	1	BARIUM	Y	2	2000	128	UG/L	
ACRB3A00	A	CRB	22	1	BARIUM	N	3	2000	129	UG/L	
ACRB3A00F	A	CRB	22	1	BARIUM	Y	3	2000	128	UG/L	
ACRB4A00	A	CRB	22	1	BARIUM	N	4	2000	49	UG/L	
ACRB4A00F	A	CRB	22	1	BARIUM	Y	4	2000	42.9	UG/L	N
ASPA1A00	A	SPA	19	1	BARIUM	N	1	2000	68.1	UG/L	
ASPA1A00F	A	SPA	19	1	BARIUM	Y	1	2000	64.7	UG/L	
ASPA2A00	A	SPA	19	1	BARIUM	N	2	2000	104	UG/L	
ASPA2A00F	A	SPA	19	1	BARIUM	Y	2	2000	107	UG/L	
ASPA3A00	A	SPA	19	1	BARIUM	N	3	2000	102	UG/L	
ASPA3A00F	A	SPA	19	1	BARIUM	Y	3	2000	97.7	UG/L	
ASPA4A00	A	SPA	19	1	BARIUM	N	4	2000	51.4	UG/L	
ASPA4A00F	A	SPA	19	1	BARIUM	Y	4	2000	49.9	UG/L	
ASPC1A00	A	SPC	20	1	BARIUM	N	1	2000	43.7	UG/L	
ASPC1A00F	A	SPC	20	1	BARIUM	Y	1	2000	38.4	UG/L	
ASPC2A00	A	SPC	20	1	BARIUM	N	2	2000	64	UG/L	
ASPC2A00F	A	SPC	20	1	BARIUM	Y	2	2000	61.6	UG/L	
ASPC3A00	A	SPC	20	1	BARIUM	N	3	2000	61.1	UG/L	
ASPC3A00F	A	SPC	20	1	BARIUM	Y	3	2000	59.8	UG/L	
ASPC4A00	A	SPC	20	1	BARIUM	N	4	2000	39.2	UG/L	
ASPC4A00F	A	SPC	20	1	BARIUM	Y	4	2000	38.7	UG/L	
DC021A00	D	C02	1	1	BARIUM	N	1	2000	102	UG/L	
DC021A00F	D	C02	1	1	BARIUM	Y	1	2000	101	UG/L	
DC023A00	D	C02	1	1	BARIUM	N	3	2000	98.3	UG/L	

Table 7.13. Raw Data for Barium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC023A00F	D	C02	1	1	BARIUM	Y	3	2000	108	UG/L	
DC031A00	D	C03	2	1	BARIUM	N	1	2000	84.4	UG/L	
DC031A00F	D	C03	2	1	BARIUM	Y	1	2000	85.1	UG/L	
DC033A00	D	C03	2	1	BARIUM	N	3	2000	85.1	UG/L	
DC033A00F	D	C03	2	1	BARIUM	Y	3	2000	92.2	UG/L	
DC03P21A00	D	C03P2	1	2	BARIUM	N	1	2000	96.7	UG/L	
DC03P21A00F	D	C03P2	1	2	BARIUM	Y	1	2000	95.3	UG/L	
DC03P23A00	D	C03P2	1	2	BARIUM	N	3	2000	102	UG/L	
DC03P23A00F	D	C03P2	1	2	BARIUM	Y	3	2000	109	UG/L	
DC041A00	D	C04	3	1	BARIUM	N	1	2000	150	UG/L	
DC041A00F	D	C04	3	1	BARIUM	Y	1	2000	149	UG/L	
DC043A00	D	C04	3	1	BARIUM	N	3	2000	156	UG/L	
DC043A00F	D	C04	3	1	BARIUM	Y	3	2000	173	UG/L	
DC04P21A00	D	C04P2	2	2	BARIUM	N	1	2000	25.3	UG/L	
DC04P21A00F	D	C04P2	2	2	BARIUM	Y	1	2000	23.8	UG/L	
DC04P23A00	D	C04P2	2	2	BARIUM	N	3	2000	30.3	UG/L	
DC04P23A00F	D	C04P2	2	2	BARIUM	Y	3	2000	33.7	UG/L	
DC051A00	D	C05	4	1	BARIUM	N	1	2000	73.8	UG/L	
DC051A00F	D	C05	4	1	BARIUM	Y	1	2000	71.8	UG/L	
DC053B00	D	C05	4	1	BARIUM	N	3	2000	70.3	UG/L	
DC053B00F	D	C05	4	1	BARIUM	Y	3	2000	76.2	UG/L	
DC061A00	D	C06	5	1	BARIUM	N	1	2000	31.6	UG/L	
DC061A00F	D	C06	5	1	BARIUM	Y	1	2000	31.3	UG/L	
DC063A00	D	C06	5	1	BARIUM	N	3	2000	33	UG/L	
DC063A00F	D	C06	5	1	BARIUM	Y	3	2000	35	UG/L	
DC06P21A00	D	C06P2	3	2	BARIUM	N	1	2000	16	UG/L	
DC06P21A00F	D	C06P2	3	2	BARIUM	Y	1	2000	16.6	UG/L	
DC06P23A00	D	C06P2	3	2	BARIUM	N	3	2000	16.9	UG/L	
DC06P23A00F	D	C06P2	3	2	BARIUM	Y	3	2000	18.3	UG/L	
DC071A00	D	C07	6	1	BARIUM	N	1	2000	228	UG/L	
DC071A00F	D	C07	6	1	BARIUM	Y	1	2000	226	UG/L	
DC073A00	D	C07	6	1	BARIUM	N	3	2000	218	UG/L	
DC073A00F	D	C07	6	1	BARIUM	Y	3	2000	247	UG/L	
DC081A00	D	C08	7	1	BARIUM	N	1	2000	59.1	UG/L	
DC081A00F	D	C08	7	1	BARIUM	Y	1	2000	39.4	UG/L	
DC083A00	D	C08	7	1	BARIUM	N	3	2000	53.7	UG/L	
DC083A00F	D	C08	7	1	BARIUM	Y	3	2000	40.4	UG/L	
DC08P21A00	D	C08P2	4	2	BARIUM	N	1	2000	11.6	UG/L	
DC08P21A00F	D	C08P2	4	2	BARIUM	Y	1	2000	11.1	UG/L	
DC08P23A00	D	C08P2	4	2	BARIUM	N	3	2000	12	UG/L	
DC08P23A00F	D	C08P2	4	2	BARIUM	Y	3	2000	13	UG/L	
FD01310001	D	C06	5	1	BARIUM	N	1	2000	31.8	UG/L	
FD01310001F	D	C06	5	1	BARIUM	Y	1	2000	30.7	UG/L	
FD02140001	D	C03P2	1	2	BARIUM	N	1	2000	95.7	UG/L	
FD02140001F	D	C03P2	1	2	BARIUM	Y	1	2000	96	UG/L	

Table 7.13. Raw Data for Barium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD02230001	O	C11P2	1	2	BARIUM	N	1	2000	36.1	UG/L	
FD02230001F	O	C11P2	1	2	BARIUM	Y	1	2000	35.8	UG/L	
FD02280001	O	C13	4	1	BARIUM	N	1	2000	58.8	UG/L	
FD02280001F	O	C13	4	1	BARIUM	Y	1	2000	55.8	UG/L	
FD03140001	A	SPC	20	1	BARIUM	N	1	2000	41.4	UG/L	
FD03140001F	A	SPC	20	1	BARIUM	Y	1	2000	40.2	UG/L	
FD03250001	A	C09P2	8	1	BARIUM	N	1	2000	14	UG/L	
FD03250001F	A	C09P2	8	1	BARIUM	Y	1	2000	13.2	UG/L	
FD03290001	A	SPA	19	1	BARIUM	N	1	2000	67.7	UG/L	
FD03290001F	A	SPA	19	1	BARIUM	Y	1	2000	67.4	UG/L	
FD04190001	O	C13P2	2	2	BARIUM	N	2	2000	62.7	UG/L	
FD04190001F	O	C13P2	2	2	BARIUM	Y	2	2000	60.4	UG/L	
FD05080001	O	C18	8	1	BARIUM	N	2	2000	107	UG/L	E
FD05080001F	O	C18	8	1	BARIUM	Y	2	2000	106	UG/L	
FD06090001	A	CRA	21	1	BARIUM	N	2	2000	120	UG/L	
FD06090001F	A	CRA	21	1	BARIUM	Y	2	2000	128	UG/L	
FD06230001	A	C10	9	1	BARIUM	N	2	2000	50.6	UG/L	
FD06230001F	A	C10	9	1	BARIUM	Y	2	2000	50.5	UG/L	
FD06280001	A	SPC	20	1	BARIUM	N	2	2000	62.1	UG/L	
FD06280001F	A	SPC	20	1	BARIUM	Y	2	2000	62.3	UG/L	
FD07290001	D	C05	4	1	BARIUM	N	3	2000	69.7	UG/L	
FD07290001F	D	C05	4	1	BARIUM	Y	3	2000	76.3	UG/L	
FD08090001	D	C02	1	1	BARIUM	N	3	2000	102	UG/L	
FD08090001F	D	C02	1	1	BARIUM	Y	3	2000	107	UG/L	
FD08250001	O	C14	5	1	BARIUM	N	3	2000	30.3	UG/L	
FD08250001F	O	C14	5	1	BARIUM	Y	3	2000	28.8	UG/L	
FD08300001	O	C18P2	4	2	BARIUM	N	3	2000	156	UG/L	
FD08300001F	O	C18P2	4	2	BARIUM	Y	3	2000	167	UG/L	
FD09130001	A	C12	11	1	BARIUM	N	3	2000	126	UG/L	
FD09130001F	A	C12	11	1	BARIUM	Y	3	2000	111	UG/L	
FD09200001	A	CRB	22	1	BARIUM	N	3	2000	126	UG/L	
FD09200001F	A	CRB	22	1	BARIUM	Y	3	2000	124	UG/L	
FD09290001	A	SPC	20	1	BARIUM	N	3	2000	62.9	UG/L	
FD09290001F	A	SPC	20	1	BARIUM	Y	3	2000	59.6	UG/L	
FD11190001	O	C14	5	1	BARIUM	N	4	2000	25.8	UG/L	
FD11190001F	O	C14	5	1	BARIUM	Y	4	2000	23.3	UG/L	
FD11200001	O	C13P2	2	2	BARIUM	N	4	2000	61.5	UG/L	
FD11200001F	O	C13P2	2	2	BARIUM	Y	4	2000	59.4	UG/L	
FD12010001	A	C09P2	8	1	BARIUM	N	4	2000	15.2	UG/L	
FD12010001F	A	C09P2	8	1	BARIUM	Y	4	2000	14.2	UG/L	N
FD12120001	A	CRB	22	1	BARIUM	N	4	2000	49.1	UG/L	
FD12120001F	A	CRB	22	1	BARIUM	Y	4	2000	44.2	UG/L	N
OC081A00	O	C08	1	1	BARIUM	N	1	2000	57.6	UG/L	
OC081A00F	O	C08	1	1	BARIUM	Y	1	2000	39.7	UG/L	
OC082A00	O	C08	1	1	BARIUM	N	2	2000	53.3	UG/L	E

Table 7.13. Raw Data for Barium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC082A00F	O	C08	1	1	BARIUM	Y	2	2000	38.8	UG/L	
OC083A00	O	C08	1	1	BARIUM	N	3	2000	49.9	UG/L	
OC083A00F	O	C08	1	1	BARIUM	Y	3	2000	33.9	UG/L	
OC084A00	O	C08	1	1	BARIUM	N	4	2000	45.5	UG/L	
OC084A00F	O	C08	1	1	BARIUM	Y	4	2000	33.1	UG/L	
OC111A00	O	C11	2	1	BARIUM	N	1	2000	45	UG/L	
OC111A00F	O	C11	2	1	BARIUM	Y	1	2000	45.9	UG/L	
OC112A00	O	C11	2	1	BARIUM	N	2	2000	58.9	UG/L	E
OC112A00F	O	C11	2	1	BARIUM	Y	2	2000	47.4	UG/L	
OC113A00	O	C11	2	1	BARIUM	N	3	2000	61.6	UG/L	
OC113A00F	O	C11	2	1	BARIUM	Y	3	2000	60.7	UG/L	
OC114A00	O	C11	2	1	BARIUM	N	4	2000	69.2	UG/L	
OC114A00F	O	C11	2	1	BARIUM	Y	4	2000	64.6	UG/L	N
OC11P21A00	O	C11P2	1	2	BARIUM	N	1	2000	38.4	UG/L	
OC11P21A00F	O	C11P2	1	2	BARIUM	Y	1	2000	36.4	UG/L	
OC11P22A00	O	C11P2	1	2	BARIUM	N	2	2000	29.3	UG/L	E
OC11P22A00F	O	C11P2	1	2	BARIUM	Y	2	2000	29.9	UG/L	
OC11P23A00	O	C11P2	1	2	BARIUM	N	3	2000	33.6	UG/L	
OC11P23A00F	O	C11P2	1	2	BARIUM	Y	3	2000	35.1	UG/L	
OC11P24A00	O	C11P2	1	2	BARIUM	N	4	2000	35.5	UG/L	
OC11P24A00F	O	C11P2	1	2	BARIUM	Y	4	2000	34.5	UG/L	N
OC121A00	O	C12	3	1	BARIUM	N	1	2000	39.3	UG/L	
OC121A00F	O	C12	3	1	BARIUM	Y	1	2000	40.1	UG/L	
OC122A00	O	C12	3	1	BARIUM	N	2	2000	42	UG/L	
OC122A00F	O	C12	3	1	BARIUM	Y	2	2000	42.1	UG/L	
OC123A00	O	C12	3	1	BARIUM	N	3	2000	40.8	UG/L	
OC123A00F	O	C12	3	1	BARIUM	Y	3	2000	42	UG/L	
OC124A00	O	C12	3	1	BARIUM	N	4	2000	35.9	UG/L	
OC124A00F	O	C12	3	1	BARIUM	Y	4	2000	36.6	UG/L	
OC131A00	O	C13	4	1	BARIUM	N	1	2000	62.4	UG/L	
OC131A00F	O	C13	4	1	BARIUM	Y	1	2000	61.2	UG/L	
OC132A00	O	C13	4	1	BARIUM	N	2	2000	64	UG/L	
OC132A00F	O	C13	4	1	BARIUM	Y	2	2000	58.3	UG/L	
OC133A00	O	C13	4	1	BARIUM	N	3	2000	69.9	UG/L	
OC133A00F	O	C13	4	1	BARIUM	Y	3	2000	68.1	UG/L	
OC134A00	O	C13	4	1	BARIUM	N	4	2000	63.2	UG/L	
OC134A00F	O	C13	4	1	BARIUM	Y	4	2000	59.8	UG/L	
OC13P21A00	O	C13P2	2	2	BARIUM	N	1	2000	62.9	UG/L	
OC13P21A00F	O	C13P2	2	2	BARIUM	Y	1	2000	54.1	UG/L	
OC13P22A00	O	C13P2	2	2	BARIUM	N	2	2000	63.1	UG/L	
OC13P22A00F	O	C13P2	2	2	BARIUM	Y	2	2000	60.8	UG/L	
OC13P23A00	O	C13P2	2	2	BARIUM	N	3	2000	68.1	UG/L	
OC13P23A00F	O	C13P2	2	2	BARIUM	Y	3	2000	68.7	UG/L	
OC13P24A00	O	C13P2	2	2	BARIUM	N	4	2000	61.3	UG/L	
OC13P24A00F	O	C13P2	2	2	BARIUM	Y	4	2000	61.1	UG/L	

Table 7.13. Raw Data for Barium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC141A00	O	C14	5	1	BARIUM	N	1	2000	30.1	UG/L	
OC141A00F	O	C14	5	1	BARIUM	Y	1	2000	26.8	UG/L	
OC142A00	O	C14	5	1	BARIUM	N	2	2000	28.9	UG/L	
OC142A00F	O	C14	5	1	BARIUM	Y	2	2000	25.4	UG/L	
OC143A00	O	C14	5	1	BARIUM	N	3	2000	29.3	UG/L	
OC143A00F	O	C14	5	1	BARIUM	Y	3	2000	28.9	UG/L	
OC144A00	O	C14	5	1	BARIUM	N	4	2000	26	UG/L	
OC144A00F	O	C14	5	1	BARIUM	Y	4	2000	23.7	UG/L	
OC14P21A00	O	C14P2	3	2	BARIUM	N	1	2000	38.2	UG/L	
OC14P21A00F	O	C14P2	3	2	BARIUM	Y	1	2000	38.4	UG/L	
OC14P22A00	O	C14P2	3	2	BARIUM	N	2	2000	39.1	UG/L	
OC14P22A00F	O	C14P2	3	2	BARIUM	Y	2	2000	39.1	UG/L	
OC14P23A00	O	C14P2	3	2	BARIUM	N	3	2000	42.6	UG/L	
OC14P23A00F	O	C14P2	3	2	BARIUM	Y	3	2000	44	UG/L	
OC14P24A00	O	C14P2	3	2	BARIUM	N	4	2000	39	UG/L	
OC14P24A00F	O	C14P2	3	2	BARIUM	Y	4	2000	39.3	UG/L	
OC151A00	O	C15	6	1	BARIUM	N	1	2000	28.9	UG/L	
OC151A00F	O	C15	6	1	BARIUM	Y	1	2000	26.4	UG/L	
OC152A00	O	C15	6	1	BARIUM	N	2	2000	28.7	UG/L	
OC152A00F	O	C15	6	1	BARIUM	Y	2	2000	27.4	UG/L	
OC153A00	O	C15	6	1	BARIUM	N	3	2000	31.4	UG/L	
OC153A00F	O	C15	6	1	BARIUM	Y	3	2000	32.9	UG/L	
OC154A00	O	C15	6	1	BARIUM	N	4	2000	29.5	UG/L	
OC154A00F	O	C15	6	1	BARIUM	Y	4	2000	28	UG/L	
OC161A00	O	C16	7	1	BARIUM	N	1	2000	119	UG/L	
OC161A00F	O	C16	7	1	BARIUM	Y	1	2000	109	UG/L	
OC162A00	O	C16	7	1	BARIUM	N	2	2000	106	UG/L	E
OC162A00F	O	C16	7	1	BARIUM	Y	2	2000	108	UG/L	
OC163A00	O	C16	7	1	BARIUM	N	3	2000	127	UG/L	
OC163A00F	O	C16	7	1	BARIUM	Y	3	2000	113	UG/L	
OC164A00	O	C16	7	1	BARIUM	N	4	2000	106	UG/L	
OC164A00F	O	C16	7	1	BARIUM	Y	4	2000	108	UG/L	
OC181A00	O	C18	8	1	BARIUM	N	1	2000	120	UG/L	
OC181A00F	O	C18	8	1	BARIUM	Y	1	2000	112	UG/L	
OC182A00	O	C18	8	1	BARIUM	N	2	2000	103	UG/L	E
OC182A00F	O	C18	8	1	BARIUM	Y	2	2000	100	UG/L	
OC183A00	O	C18	8	1	BARIUM	N	3	2000	114	UG/L	
OC183A00F	O	C18	8	1	BARIUM	Y	3	2000	121	UG/L	
OC184A00	O	C18	8	1	BARIUM	N	4	2000	102	UG/L	
OC184A00F	O	C18	8	1	BARIUM	Y	4	2000	109	UG/L	
OC18P21A00	O	C18P2	4	2	BARIUM	N	1	2000	178	UG/L	
OC18P21A00F	O	C18P2	4	2	BARIUM	Y	1	2000	160	UG/L	
OC18P22A00	O	C18P2	4	2	BARIUM	N	2	2000	150	UG/L	E
OC18P22A00F	O	C18P2	4	2	BARIUM	Y	2	2000	147	UG/L	
OC18P23A00	O	C18P2	4	2	BARIUM	N	3	2000	159	UG/L	

Table 7.13. Raw Data for Barium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC18P23A00F	O	C18P2	4	2	BARIUM	Y	3	2000	168	UG/L	
OC18P24A00	O	C18P2	4	2	BARIUM	N	4	2000	160	UG/L	
OC18P24A00F	O	C18P2	4	2	BARIUM	Y	4	2000	159	UG/L	
OC191A00	O	C19	9	1	BARIUM	N	1	2000	39.8	UG/L	
OC191A00F	O	C19	9	1	BARIUM	Y	1	2000	41.9	UG/L	
OC192A00	O	C19	9	1	BARIUM	N	2	2000	44.3	UG/L	
OC192A00F	O	C19	9	1	BARIUM	Y	2	2000	38.8	UG/L	
OC193A00	O	C19	9	1	BARIUM	N	3	2000	43.1	UG/L	
OC193A00F	O	C19	9	1	BARIUM	Y	3	2000	45.5	UG/L	
OC194A00	O	C19	9	1	BARIUM	N	4	2000	41.3	UG/L	
OC194A00F	O	C19	9	1	BARIUM	Y	4	2000	41	UG/L	
OC19P21A00	O	C19P2	5	2	BARIUM	N	1	2000	39.6	UG/L	
OC19P21A00F	O	C19P2	5	2	BARIUM	Y	1	2000	37.2	UG/L	
OC19P22100F	O	C19P2	5	2	BARIUM	Y	2	2000	45.5	UG/L	
OC19P22A00	O	C19P2	5	2	BARIUM	N	2	2000	40.9	UG/L	
OC19P23A00	O	C19P2	5	2	BARIUM	N	3	2000	38.9	UG/L	
OC19P23A00F	O	C19P2	5	2	BARIUM	Y	3	2000	40.7	UG/L	
OC19P24A00	O	C19P2	5	2	BARIUM	N	4	2000	35.9	UG/L	
OC19P24A00F	O	C19P2	5	2	BARIUM	Y	4	2000	35.9	UG/L	

Table 7.14. Raw Data for Cadmium.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	CADMIUM	N	1	2000	0.55	UG/L	U
AB021A00F	A	B02	1	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AB022A00	A	B02	1	1	CADMIUM	N	2	2000	0.55	UG/L	U
AB022A00F	A	B02	1	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AB023A00	A	B02	1	1	CADMIUM	N	3	2000	0.55	UG/L	U
AB023A00F	A	B02	1	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AB024A00	A	B02	1	1	CADMIUM	N	4	2000	0.55	UG/L	U
AB024A00F	A	B02	1	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AB041A00	A	B04	2	1	CADMIUM	N	1	2000	0.55	UG/L	U
AB041A00F	A	B04	2	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AB042A00	A	B04	2	1	CADMIUM	N	2	2000	0.55	UG/L	U
AB042A00F	A	B04	2	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AB043A00	A	B04	2	1	CADMIUM	N	3	2000	0.55	UG/L	U
AB043A00F	A	B04	2	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AB044A00	A	B04	2	1	CADMIUM	N	4	2000	0.55	UG/L	U
AB044A00F	A	B04	2	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC02P21A00	A	C02P2	3	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC02P21A00F	A	C02P2	3	1	CADMIUM	Y	1	2000	0.5	UG/L	U
AC02P22A00	A	C02P2	3	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC02P22A00F	A	C02P2	3	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC02P23A00	A	C02P2	3	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC02P23A00F	A	C02P2	3	1	CADMIUM	Y	3	2000	0.5	UG/L	U

Table 7.14. Raw Data for Cadmium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC02P24A00	A	C02P2	3	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC02P24A00F	A	C02P2	3	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC031A00	A	C03	4	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC031A00F	A	C03	4	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC032A00	A	C03	4	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC032A00F	A	C03	4	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC033A00	A	C03	4	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC033A00F	A	C03	4	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC034A00	A	C03	4	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC034A00F	A	C03	4	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC041A00	A	C04	5	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC041A00F	A	C04	5	1	CADMIUM	Y	1	2000	0.5	UG/L	U
AC042A00	A	C04	5	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC042A00F	A	C04	5	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC043A00	A	C04	5	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC043A00F	A	C04	5	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC044A00	A	C04	5	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC044A00F	A	C04	5	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC071A00	A	C07	6	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC071A00F	A	C07	6	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC072A00	A	C07	6	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC072A00F	A	C07	6	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC073A00	A	C07	6	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC073A00F	A	C07	6	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC074A00	A	C07	6	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC074A00F	A	C07	6	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC08P21A00	A	C08P2	7	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC08P21A00F	A	C08P2	7	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC08P22A00	A	C08P2	7	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC08P22A00F	A	C08P2	7	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC08P23A00	A	C08P2	7	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC08P23A00F	A	C08P2	7	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC08P24A00	A	C08P2	7	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC08P24A00F	A	C08P2	7	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC09P21A00	A	C09P2	8	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC09P21A00F	A	C09P2	8	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC09P22A00	A	C09P2	8	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC09P22A00F	A	C09P2	8	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC09P23A00	A	C09P2	8	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC09P23A00F	A	C09P2	8	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC09P24A00	A	C09P2	8	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC09P24A00F	A	C09P2	8	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC101A00	A	C10	9	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC101A00F	A	C10	9	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC102A00	A	C10	9	1	CADMIUM	N	2	2000	0.55	UG/L	U

Table 7.14. Raw Data for Cadmium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC102A00F	A	C10	9	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC103A00	A	C10	9	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC103A00F	A	C10	9	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC104A00	A	C10	9	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC104A00F	A	C10	9	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC111A00	A	C11	10	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC111A00F	A	C11	10	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC112A00	A	C11	10	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC112A00F	A	C11	10	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC113A00	A	C11	10	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC113A00F	A	C11	10	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC114A00	A	C11	10	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC114A00F	A	C11	10	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC121A00	A	C12	11	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC121A00F	A	C12	11	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC122A00	A	C12	11	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC122A00F	A	C12	11	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC123A00	A	C12	11	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC123A00F	A	C12	11	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC124A00	A	C12	11	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC124A00F	A	C12	11	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC151A00	A	C15	12	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC151A00F	A	C15	12	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC152A00	A	C15	12	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC152A00F	A	C15	12	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC153A00	A	C15	12	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC153A00F	A	C15	12	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC154A00	A	C15	12	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC154A00F	A	C15	12	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC171A00	A	C17	13	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC171A00F	A	C17	13	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC172A00	A	C17	13	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC172A00F	A	C17	13	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC173A00	A	C17	13	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC173A00F	A	C17	13	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC174A00	A	C17	13	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC174A00F	A	C17	13	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC201A00	A	C20	14	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC201A00F	A	C20	14	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC202A00	A	C20	14	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC202A00F	A	C20	14	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC203A00	A	C20	14	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC203A00F	A	C20	14	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC204A00	A	C20	14	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC204A00F	A	C20	14	1	CADMIUM	Y	4	2000	0.5	UG/L	U

Table 7.14. Raw Data for Cadmium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC251A00	A	C25	15	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC251A00F	A	C25	15	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC252A00	A	C25	15	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC252A00F	A	C25	15	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC253A00	A	C25	15	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC253A00F	A	C25	15	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC254A00	A	C25	15	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC254A00F	A	C25	15	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC261A00	A	C26	16	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC261A00F	A	C26	16	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC262A00	A	C26	16	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC262A00F	A	C26	16	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC263A00	A	C26	16	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC263A00F	A	C26	16	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC264A00	A	C26	16	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC264A00F	A	C26	16	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC271A00	A	C27	17	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC271A00F	A	C27	17	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC272A00	A	C27	17	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC272A00F	A	C27	17	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC273A00	A	C27	17	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC273A00F	A	C27	17	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC274A00	A	C27	17	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC274A00F	A	C27	17	1	CADMIUM	Y	4	2000	0.5	UG/L	U
AC301A00	A	C30	18	1	CADMIUM	N	1	2000	0.55	UG/L	U
AC301A00F	A	C30	18	1	CADMIUM	Y	1	2000	0.55	UG/L	U
AC302A00	A	C30	18	1	CADMIUM	N	2	2000	0.55	UG/L	U
AC302A00F	A	C30	18	1	CADMIUM	Y	2	2000	0.5	UG/L	U
AC303A00	A	C30	18	1	CADMIUM	N	3	2000	0.55	UG/L	U
AC303A00F	A	C30	18	1	CADMIUM	Y	3	2000	0.5	UG/L	U
AC304A00	A	C30	18	1	CADMIUM	N	4	2000	0.55	UG/L	U
AC304A00F	A	C30	18	1	CADMIUM	Y	4	2000	0.5	UG/L	U
ACRA1A00	A	CRA	21	1	CADMIUM	N	1	2000	0.55	UG/L	U
ACRA1A00F	A	CRA	21	1	CADMIUM	Y	1	2000	0.55	UG/L	U
ACRA2A00	A	CRA	21	1	CADMIUM	N	2	2000	0.55	UG/L	U
ACRA2A00F	A	CRA	21	1	CADMIUM	Y	2	2000	0.55	UG/L	U
ACRA3A00	A	CRA	21	1	CADMIUM	N	3	2000	0.55	UG/L	U
ACRA3A00F	A	CRA	21	1	CADMIUM	Y	3	2000	0.55	UG/L	U
ACRA4A00	A	CRA	21	1	CADMIUM	N	4	2000	0.55	UG/L	U
ACRA4A00F	A	CRA	21	1	CADMIUM	Y	4	2000	0.55	UG/L	U
ACRB1A00	A	CRB	22	1	CADMIUM	N	1	2000	0.55	UG/L	U
ACRB1A00F	A	CRB	22	1	CADMIUM	Y	1	2000	0.55	UG/L	U
ACRB2A00	A	CRB	22	1	CADMIUM	N	2	2000	0.55	UG/L	U
ACRB2A00F	A	CRB	22	1	CADMIUM	Y	2	2000	2.4	UG/L	
ACRB3A00	A	CRB	22	1	CADMIUM	N	3	2000	0.55	UG/L	U

Table 7.14. Raw Data for Cadmium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRB3A00F	A	CRB	22	1	CADMIUM	Y	3	2000	1.4	UG/L	
ACRB4A00	A	CRB	22	1	CADMIUM	N	4	2000	0.55	UG/L	U
ACRB4A00F	A	CRB	22	1	CADMIUM	Y	4	2000	0.55	UG/L	U
ASPA1A00	A	SPA	19	1	CADMIUM	N	1	2000	0.55	UG/L	U
ASPA1A00F	A	SPA	19	1	CADMIUM	Y	1	2000	0.55	UG/L	U
ASPA2A00	A	SPA	19	1	CADMIUM	N	2	2000	0.55	UG/L	U
ASPA2A00F	A	SPA	19	1	CADMIUM	Y	2	2000	0.5	UG/L	U
ASPA3A00	A	SPA	19	1	CADMIUM	N	3	2000	0.55	UG/L	U
ASPA3A00F	A	SPA	19	1	CADMIUM	Y	3	2000	0.5	UG/L	U
ASPA4A00	A	SPA	19	1	CADMIUM	N	4	2000	0.55	UG/L	U
ASPA4A00F	A	SPA	19	1	CADMIUM	Y	4	2000	0.5	UG/L	U
ASPC1A00	A	SPC	20	1	CADMIUM	N	1	2000	0.55	UG/L	U
ASPC1A00F	A	SPC	20	1	CADMIUM	Y	1	2000	0.55	UG/L	U
ASPC2A00	A	SPC	20	1	CADMIUM	N	2	2000	0.55	UG/L	U
ASPC2A00F	A	SPC	20	1	CADMIUM	Y	2	2000	0.5	UG/L	U
ASPC3A00	A	SPC	20	1	CADMIUM	N	3	2000	0.55	UG/L	U
ASPC3A00F	A	SPC	20	1	CADMIUM	Y	3	2000	0.5	UG/L	U
ASPC4A00	A	SPC	20	1	CADMIUM	N	4	2000	0.55	UG/L	U
ASPC4A00F	A	SPC	20	1	CADMIUM	Y	4	2000	0.5	UG/L	U
DC021A00	D	C02	1	1	CADMIUM	N	1	2000	0.55	UG/L	U
DC021A00F	D	C02	1	1	CADMIUM	Y	1	2000	0.55	UG/L	U
DC023A00	D	C02	1	1	CADMIUM	N	3	2000	0.55	UG/L	U
DC023A00F	D	C02	1	1	CADMIUM	Y	3	2000	0.5	UG/L	U
DC031A00	D	C03	2	1	CADMIUM	N	1	2000	0.55	UG/L	U
DC031A00F	D	C03	2	1	CADMIUM	Y	1	2000	1.2	UG/L	*
DC033A00	D	C03	2	1	CADMIUM	N	3	2000	0.55	UG/L	U
DC033A00F	D	C03	2	1	CADMIUM	Y	3	2000	0.5	UG/L	U
DC03P21A00	D	C03P2	1	2	CADMIUM	N	1	2000	0.55	UG/L	U
DC03P21A00F	D	C03P2	1	2	CADMIUM	Y	1	2000	1.1	UG/L	U*
DC03P23A00	D	C03P2	1	2	CADMIUM	N	3	2000	0.55	UG/L	U
DC03P23A00F	D	C03P2	1	2	CADMIUM	Y	3	2000	0.5	UG/L	U
DC041A00	D	C04	3	1	CADMIUM	N	1	2000	0.55	UG/L	U
DC041A00F	D	C04	3	1	CADMIUM	Y	1	2000	0.55	UG/L	U
DC043A00	D	C04	3	1	CADMIUM	N	3	2000	0.55	UG/L	U
DC043A00F	D	C04	3	1	CADMIUM	Y	3	2000	0.5	UG/L	U
DC04P21A00	D	C04P2	2	2	CADMIUM	N	1	2000	0.55	UG/L	U
DC04P21A00F	D	C04P2	2	2	CADMIUM	Y	1	2000	0.55	UG/L	U
DC04P23A00	D	C04P2	2	2	CADMIUM	N	3	2000	0.55	UG/L	U
DC04P23A00F	D	C04P2	2	2	CADMIUM	Y	3	2000	0.5	UG/L	U
DC051A00	D	C05	4	1	CADMIUM	N	1	2000	0.55	UG/L	U
DC051A00F	D	C05	4	1	CADMIUM	Y	1	2000	0.55	UG/L	U
DC053B00	D	C05	4	1	CADMIUM	N	3	2000	0.55	UG/L	U
DC053B00F	D	C05	4	1	CADMIUM	Y	3	2000	0.5	UG/L	U
DC061A00	D	C06	5	1	CADMIUM	N	1	2000	0.55	UG/L	U
DC061A00F	D	C06	5	1	CADMIUM	Y	1	2000	0.55	UG/L	U

Table 7.14. Raw Data for Cadmium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC063A00	D	C06	5	1	CADMIUM	N	3	2000	0.55	UG/L	U
DC063A00F	D	C06	5	1	CADMIUM	Y	3	2000	0.5	UG/L	U
DC06P21A00	D	C06P2	3	2	CADMIUM	N	1	2000	1.3	UG/L	
DC06P21A00F	D	C06P2	3	2	CADMIUM	Y	1	2000	0.55	UG/L	U
DC06P23A00	D	C06P2	3	2	CADMIUM	N	3	2000	0.55	UG/L	U
DC06P23A00F	D	C06P2	3	2	CADMIUM	Y	3	2000	0.5	UG/L	U
DC071A00	D	C07	6	1	CADMIUM	N	1	2000	0.55	UG/L	U
DC071A00F	D	C07	6	1	CADMIUM	Y	1	2000	0.55	UG/L	U
DC073A00	D	C07	6	1	CADMIUM	N	3	2000	0.55	UG/L	U
DC073A00F	D	C07	6	1	CADMIUM	Y	3	2000	0.5	UG/L	U
DC081A00	D	C08	7	1	CADMIUM	N	1	2000	0.55	UG/L	U
DC081A00F	D	C08	7	1	CADMIUM	Y	1	2000	1.1	UG/L	U*
DC083A00	D	C08	7	1	CADMIUM	N	3	2000	0.55	UG/L	U
DC083A00F	D	C08	7	1	CADMIUM	Y	3	2000	0.5	UG/L	U
DC08P21A00	D	C08P2	4	2	CADMIUM	N	1	2000	0.55	UG/L	U
DC08P21A00F	D	C08P2	4	2	CADMIUM	Y	1	2000	1.1	UG/L	U*
DC08P23A00	D	C08P2	4	2	CADMIUM	N	3	2000	0.5	UG/L	U
DC08P23A00F	D	C08P2	4	2	CADMIUM	Y	3	2000	0.5	UG/L	U
FD01310001	D	C06	5	1	CADMIUM	N	1	2000	0.55	UG/L	U
FD01310001F	D	C06	5	1	CADMIUM	Y	1	2000	0.55	UG/L	U
FD02140001	D	C03P2	1	2	CADMIUM	N	1	2000	0.55	UG/L	U
FD02140001F	D	C03P2	1	2	CADMIUM	Y	1	2000	1.1	UG/L	U*
FD02230001	O	C11P2	1	2	CADMIUM	N	1	2000	0.55	UG/L	U
FD02230001F	O	C11P2	1	2	CADMIUM	Y	1	2000	1.1	UG/L	U*
FD02280001	O	C13	4	1	CADMIUM	N	1	2000	0.55	UG/L	U
FD02280001F	O	C13	4	1	CADMIUM	Y	1	2000	1.3	UG/L	
FD03140001	A	SPC	20	1	CADMIUM	N	1	2000	0.55	UG/L	U
FD03140001F	A	SPC	20	1	CADMIUM	Y	1	2000	0.55	UG/L	U
FD03250001	A	C09P2	8	1	CADMIUM	N	1	2000	0.55	UG/L	U
FD03250001F	A	C09P2	8	1	CADMIUM	Y	1	2000	0.55	UG/L	U
FD03290001	A	SPA	19	1	CADMIUM	N	1	2000	0.55	UG/L	U
FD03290001F	A	SPA	19	1	CADMIUM	Y	1	2000	0.55	UG/L	U
FD04190001	O	C13P2	2	2	CADMIUM	N	2	2000	0.55	UG/L	U
FD04190001F	O	C13P2	2	2	CADMIUM	Y	2	2000	0.55	UG/L	U
FD05080001	O	C18	8	1	CADMIUM	N	2	2000	0.55	UG/L	U
FD05080001F	O	C18	8	1	CADMIUM	Y	2	2000	0.55	UG/L	U
FD06090001	A	CRA	21	1	CADMIUM	N	2	2000	0.55	UG/L	U
FD06090001F	A	CRA	21	1	CADMIUM	Y	2	2000	1.1	UG/L	
FD06230001	A	C10	9	1	CADMIUM	N	2	2000	0.55	UG/L	U
FD06230001F	A	C10	9	1	CADMIUM	Y	2	2000	0.5	UG/L	U
FD06280001	A	SPC	20	1	CADMIUM	N	2	2000	0.55	UG/L	U
FD06280001F	A	SPC	20	1	CADMIUM	Y	2	2000	0.5	UG/L	U
FD07290001	D	C05	4	1	CADMIUM	N	3	2000	0.55	UG/L	U
FD07290001F	D	C05	4	1	CADMIUM	Y	3	2000	0.5	UG/L	U
FD08090001	D	C02	1	1	CADMIUM	N	3	2000	1.9	UG/L	

Table 7.14. Raw Data for Cadmium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD08090001F	D	C02	1	1	CADMIUM	Y	3	2000	0.5	UG/L	U
FD08250001	O	C14	5	1	CADMIUM	N	3	2000	0.55	UG/L	U
FD08250001F	O	C14	5	1	CADMIUM	Y	3	2000	0.5	UG/L	U
FD08300001	O	C18P2	4	2	CADMIUM	N	3	2000	0.55	UG/L	U
FD08300001F	O	C18P2	4	2	CADMIUM	Y	3	2000	0.5	UG/L	U
FD09130001	A	C12	11	1	CADMIUM	N	3	2000	0.55	UG/L	U
FD09130001F	A	C12	11	1	CADMIUM	Y	3	2000	0.5	UG/L	U
FD09200001	A	CRB	22	1	CADMIUM	N	3	2000	0.55	UG/L	U
FD09200001F	A	CRB	22	1	CADMIUM	Y	3	2000	0.55	UG/L	U
FD09290001	A	SPC	20	1	CADMIUM	N	3	2000	0.55	UG/L	U
FD09290001F	A	SPC	20	1	CADMIUM	Y	3	2000	0.5	UG/L	U
FD11190001	O	C14	5	1	CADMIUM	N	4	2000	0.55	UG/L	U
FD11190001F	O	C14	5	1	CADMIUM	Y	4	2000	0.5	UG/L	U
FD11200001	O	C13P2	2	2	CADMIUM	N	4	2000	0.55	UG/L	U
FD11200001F	O	C13P2	2	2	CADMIUM	Y	4	2000	0.5	UG/L	U
FD12010001	A	C09P2	8	1	CADMIUM	N	4	2000	0.55	UG/L	U
FD12010001F	A	C09P2	8	1	CADMIUM	Y	4	2000	0.5	UG/L	U
FD12120001	A	CRB	22	1	CADMIUM	N	4	2000	0.55	UG/L	U
FD12120001F	A	CRB	22	1	CADMIUM	Y	4	2000	0.55	UG/L	U
OC081A00	O	C08	1	1	CADMIUM	N	1	2000	0.55	UG/L	U
OC081A00F	O	C08	1	1	CADMIUM	Y	1	2000	0.55	UG/L	U
OC082A00	O	C08	1	1	CADMIUM	N	2	2000	0.55	UG/L	U
OC082A00F	O	C08	1	1	CADMIUM	Y	2	2000	1.2	UG/L	
OC083A00	O	C08	1	1	CADMIUM	N	3	2000	0.55	UG/L	U
OC083A00F	O	C08	1	1	CADMIUM	Y	3	2000	0.5	UG/L	U
OC084A00	O	C08	1	1	CADMIUM	N	4	2000	0.55	UG/L	U
OC084A00F	O	C08	1	1	CADMIUM	Y	4	2000	0.5	UG/L	U
OC111A00	O	C11	2	1	CADMIUM	N	1	2000	0.55	UG/L	U
OC111A00F	O	C11	2	1	CADMIUM	Y	1	2000	0.55	UG/L	U
OC112A00	O	C11	2	1	CADMIUM	N	2	2000	0.55	UG/L	U
OC112A00F	O	C11	2	1	CADMIUM	Y	2	2000	0.55	UG/L	U
OC113A00	O	C11	2	1	CADMIUM	N	3	2000	0.55	UG/L	U
OC113A00F	O	C11	2	1	CADMIUM	Y	3	2000	0.5	UG/L	U
OC114A00	O	C11	2	1	CADMIUM	N	4	2000	0.55	UG/L	U
OC114A00F	O	C11	2	1	CADMIUM	Y	4	2000	0.5	UG/L	U
OC11P21A00	O	C11P2	1	2	CADMIUM	N	1	2000	0.55	UG/L	U
OC11P21A00F	O	C11P2	1	2	CADMIUM	Y	1	2000	1.1	UG/L	U*
OC11P22A00	O	C11P2	1	2	CADMIUM	N	2	2000	0.55	UG/L	U
OC11P22A00F	O	C11P2	1	2	CADMIUM	Y	2	2000	0.55	UG/L	U
OC11P23A00	O	C11P2	1	2	CADMIUM	N	3	2000	0.55	UG/L	U
OC11P23A00F	O	C11P2	1	2	CADMIUM	Y	3	2000	0.5	UG/L	U
OC11P24A00	O	C11P2	1	2	CADMIUM	N	4	2000	0.55	UG/L	U
OC11P24A00F	O	C11P2	1	2	CADMIUM	Y	4	2000	0.5	UG/L	U
OC121A00	O	C12	3	1	CADMIUM	N	1	2000	0.55	UG/L	U
OC121A00F	O	C12	3	1	CADMIUM	Y	1	2000	1.2	UG/L	

Table 7.14. Raw Data for Cadmium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC122A00	O	C12	3	1	CADMIUM	N	2	2000	0.55	UG/L	U
OC122A00F	O	C12	3	1	CADMIUM	Y	2	2000	0.55	UG/L	U
OC123A00	O	C12	3	1	CADMIUM	N	3	2000	0.55	UG/L	U
OC123A00F	O	C12	3	1	CADMIUM	Y	3	2000	0.5	UG/L	U
OC124A00	O	C12	3	1	CADMIUM	N	4	2000	0.55	UG/L	U
OC124A00F	O	C12	3	1	CADMIUM	Y	4	2000	0.5	UG/L	U
OC131A00	O	C13	4	1	CADMIUM	N	1	2000	0.55	UG/L	U
OC131A00F	O	C13	4	1	CADMIUM	Y	1	2000	1.1	UG/L	
OC132A00	O	C13	4	1	CADMIUM	N	2	2000	0.55	UG/L	U
OC132A00F	O	C13	4	1	CADMIUM	Y	2	2000	0.55	UG/L	U
OC133A00	O	C13	4	1	CADMIUM	N	3	2000	0.55	UG/L	U
OC133A00F	O	C13	4	1	CADMIUM	Y	3	2000	0.5	UG/L	U
OC134A00	O	C13	4	1	CADMIUM	N	4	2000	0.55	UG/L	U
OC134A00F	O	C13	4	1	CADMIUM	Y	4	2000	0.5	UG/L	U
OC13P21A00	O	C13P2	2	2	CADMIUM	N	1	2000	0.55	UG/L	U
OC13P21A00F	O	C13P2	2	2	CADMIUM	Y	1	2000	1.2	UG/L	
OC13P22A00	O	C13P2	2	2	CADMIUM	N	2	2000	0.55	UG/L	U
OC13P22A00F	O	C13P2	2	2	CADMIUM	Y	2	2000	0.55	UG/L	U
OC13P23A00	O	C13P2	2	2	CADMIUM	N	3	2000	0.55	UG/L	U
OC13P23A00F	O	C13P2	2	2	CADMIUM	Y	3	2000	1.1	UG/L	
OC13P24A00	O	C13P2	2	2	CADMIUM	N	4	2000	0.55	UG/L	U
OC13P24A00F	O	C13P2	2	2	CADMIUM	Y	4	2000	0.5	UG/L	U
OC141A00	O	C14	5	1	CADMIUM	N	1	2000	0.55	UG/L	U
OC141A00F	O	C14	5	1	CADMIUM	Y	1	2000	0.55	UG/L	U
OC142A00	O	C14	5	1	CADMIUM	N	2	2000	0.55	UG/L	U
OC142A00F	O	C14	5	1	CADMIUM	Y	2	2000	0.55	UG/L	U
OC143A00	O	C14	5	1	CADMIUM	N	3	2000	0.55	UG/L	U
OC143A00F	O	C14	5	1	CADMIUM	Y	3	2000	0.5	UG/L	U
OC144A00	O	C14	5	1	CADMIUM	N	4	2000	0.55	UG/L	U
OC144A00F	O	C14	5	1	CADMIUM	Y	4	2000	0.5	UG/L	U
OC14P21A00	O	C14P2	3	2	CADMIUM	N	1	2000	0.55	UG/L	U
OC14P21A00F	O	C14P2	3	2	CADMIUM	Y	1	2000	0.55	UG/L	U
OC14P22A00	O	C14P2	3	2	CADMIUM	N	2	2000	0.55	UG/L	U
OC14P22A00F	O	C14P2	3	2	CADMIUM	Y	2	2000	0.55	UG/L	U
OC14P23A00	O	C14P2	3	2	CADMIUM	N	3	2000	0.55	UG/L	U
OC14P23A00F	O	C14P2	3	2	CADMIUM	Y	3	2000	0.5	UG/L	U
OC14P24A00	O	C14P2	3	2	CADMIUM	N	4	2000	0.55	UG/L	U
OC14P24A00F	O	C14P2	3	2	CADMIUM	Y	4	2000	0.5	UG/L	U
OC151A00	O	C15	6	1	CADMIUM	N	1	2000	0.55	UG/L	U
OC151A00F	O	C15	6	1	CADMIUM	Y	1	2000	0.55	UG/L	U
OC152A00	O	C15	6	1	CADMIUM	N	2	2000	0.55	UG/L	U
OC152A00F	O	C15	6	1	CADMIUM	Y	2	2000	0.55	UG/L	U
OC153A00	O	C15	6	1	CADMIUM	N	3	2000	0.55	UG/L	U
OC153A00F	O	C15	6	1	CADMIUM	Y	3	2000	0.5	UG/L	U
OC154A00	O	C15	6	1	CADMIUM	N	4	2000	0.55	UG/L	U

Table 7.14. Raw Data for Cadmium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC154A00F	O	C15	6	1	CADMIUM	Y	4	2000	0.5	UG/L	U
OC161A00	O	C16	7	1	CADMIUM	N	1	2000	0.55	UG/L	U
OC161A00F	O	C16	7	1	CADMIUM	Y	1	2000	1.1	UG/L	U*
OC162A00	O	C16	7	1	CADMIUM	N	2	2000	0.55	UG/L	U
OC162A00F	O	C16	7	1	CADMIUM	Y	2	2000	0.55	UG/L	U
OC163A00	O	C16	7	1	CADMIUM	N	3	2000	0.55	UG/L	U
OC163A00F	O	C16	7	1	CADMIUM	Y	3	2000	0.5	UG/L	U
OC164A00	O	C16	7	1	CADMIUM	N	4	2000	0.55	UG/L	U
OC164A00F	O	C16	7	1	CADMIUM	Y	4	2000	0.5	UG/L	U
OC181A00	O	C18	8	1	CADMIUM	N	1	2000	0.55	UG/L	U
OC181A00F	O	C18	8	1	CADMIUM	Y	1	2000	1.1	UG/L	U*
OC182A00	O	C18	8	1	CADMIUM	N	2	2000	0.55	UG/L	U
OC182A00F	O	C18	8	1	CADMIUM	Y	2	2000	0.55	UG/L	U
OC183A00	O	C18	8	1	CADMIUM	N	3	2000	0.55	UG/L	U
OC183A00F	O	C18	8	1	CADMIUM	Y	3	2000	0.5	UG/L	U
OC184A00	O	C18	8	1	CADMIUM	N	4	2000	0.55	UG/L	U
OC184A00F	O	C18	8	1	CADMIUM	Y	4	2000	0.5	UG/L	U
OC18P21A00	O	C18P2	4	2	CADMIUM	N	1	2000	1.1	UG/L	
OC18P21A00F	O	C18P2	4	2	CADMIUM	Y	1	2000	1.7	UG/L	*
OC18P22A00	O	C18P2	4	2	CADMIUM	N	2	2000	1.5	UG/L	
OC18P22A00F	O	C18P2	4	2	CADMIUM	Y	2	2000	0.55	UG/L	U
OC18P23A00	O	C18P2	4	2	CADMIUM	N	3	2000	0.55	UG/L	U
OC18P23A00F	O	C18P2	4	2	CADMIUM	Y	3	2000	0.5	UG/L	U
OC18P24A00	O	C18P2	4	2	CADMIUM	N	4	2000	0.55	UG/L	U
OC18P24A00F	O	C18P2	4	2	CADMIUM	Y	4	2000	0.5	UG/L	U
OC191A00	O	C19	9	1	CADMIUM	N	1	2000	0.55	UG/L	U
OC191A00F	O	C19	9	1	CADMIUM	Y	1	2000	0.55	UG/L	U
OC192A00	O	C19	9	1	CADMIUM	N	2	2000	0.55	UG/L	U
OC192A00F	O	C19	9	1	CADMIUM	Y	2	2000	0.5	UG/L	U
OC193A00	O	C19	9	1	CADMIUM	N	3	2000	0.55	UG/L	U
OC193A00F	O	C19	9	1	CADMIUM	Y	3	2000	0.5	UG/L	U
OC194A00	O	C19	9	1	CADMIUM	N	4	2000	0.55	UG/L	U
OC194A00F	O	C19	9	1	CADMIUM	Y	4	2000	0.5	UG/L	U
OC19P21A00	O	C19P2	5	2	CADMIUM	N	1	2000	0.55	UG/L	U
OC19P21A00F	O	C19P2	5	2	CADMIUM	Y	1	2000	1.1	UG/L	U*
OC19P22100	O	C19P2	5	2	CADMIUM	N	2	2000	0.55	UG/L	U
OC19P22100F	O	C19P2	5	2	CADMIUM	Y	2	2000	0.5	UG/L	U
OC19P23A00	O	C19P2	5	2	CADMIUM	N	3	2000	0.55	UG/L	U
OC19P23A00F	O	C19P2	5	2	CADMIUM	Y	3	2000	0.5	UG/L	U
OC19P24A00	O	C19P2	5	2	CADMIUM	N	4	2000	0.55	UG/L	U
OC19P24A00F	O	C19P2	5	2	CADMIUM	Y	4	2000	0.5	UG/L	U

Table 7.15. Raw Data for Calcium.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00F	A	B02	1	1	CALCIUM	Y	1	2000	40200	UG/L	
AB022A00F	A	B02	1	1	CALCIUM	Y	2	2000	43000	UG/L	
AB023A00F	A	B02	1	1	CALCIUM	Y	3	2000	36500	UG/L	
AB041A00F	A	B04	2	1	CALCIUM	Y	1	2000	22900	UG/L	
AB042A00F	A	B04	2	1	CALCIUM	Y	2	2000	22600	UG/L	
AB043A00F	A	B04	2	1	CALCIUM	Y	3	2000	18100	UG/L	
AC02P21A00F	A	C02P2	3	1	CALCIUM	Y	1	2000	82000	UG/L	
AC02P22A00F	A	C02P2	3	1	CALCIUM	Y	2	2000	96500	UG/L	
AC02P23A00F	A	C02P2	3	1	CALCIUM	Y	3	2000	76200	UG/L	
AC031A00F	A	C03	4	1	CALCIUM	Y	1	2000	1140	UG/L	
AC032A00F	A	C03	4	1	CALCIUM	Y	2	2000	1170	UG/L	
AC033A00F	A	C03	4	1	CALCIUM	Y	3	2000	1060	UG/L	
AC041A00F	A	C04	5	1	CALCIUM	Y	1	2000	139000	UG/L	
AC042A00F	A	C04	5	1	CALCIUM	Y	2	2000	141000	UG/L	
AC043A00F	A	C04	5	1	CALCIUM	Y	3	2000	114000	UG/L	
AC071A00F	A	C07	6	1	CALCIUM	Y	1	2000	92300	UG/L	
AC072A00F	A	C07	6	1	CALCIUM	Y	2	2000	96300	UG/L	
AC073A00F	A	C07	6	1	CALCIUM	Y	3	2000	75700	UG/L	
AC08P21A00F	A	C08P2	7	1	CALCIUM	Y	1	2000	114000	UG/L	
AC08P22A00F	A	C08P2	7	1	CALCIUM	Y	2	2000	121000	UG/L	
AC08P23A00F	A	C08P2	7	1	CALCIUM	Y	3	2000	97800	UG/L	
AC09P21A00F	A	C09P2	8	1	CALCIUM	Y	1	2000	75300	UG/L	
AC09P22A00F	A	C09P2	8	1	CALCIUM	Y	2	2000	73500	UG/L	
AC09P23A00F	A	C09P2	8	1	CALCIUM	Y	3	2000	55300	UG/L	
AC101A00F	A	C10	9	1	CALCIUM	Y	1	2000	91600	UG/L	
AC102A00F	A	C10	9	1	CALCIUM	Y	2	2000	94900	UG/L	
AC103A00F	A	C10	9	1	CALCIUM	Y	3	2000	72800	UG/L	
AC111A00F	A	C11	10	1	CALCIUM	Y	1	2000	214000	UG/L	
AC112A00F	A	C11	10	1	CALCIUM	Y	2	2000	225000	UG/L	
AC113A00F	A	C11	10	1	CALCIUM	Y	3	2000	172000	UG/L	
AC121A00F	A	C12	11	1	CALCIUM	Y	1	2000	100000	UG/L	
AC122A00F	A	C12	11	1	CALCIUM	Y	2	2000	96000	UG/L	
AC123A00F	A	C12	11	1	CALCIUM	Y	3	2000	84600	UG/L	
AC151A00F	A	C15	12	1	CALCIUM	Y	1	2000	103000	UG/L	
AC152A00F	A	C15	12	1	CALCIUM	Y	2	2000	104000	UG/L	
AC153A00F	A	C15	12	1	CALCIUM	Y	3	2000	80600	UG/L	
AC171A00F	A	C17	13	1	CALCIUM	Y	1	2000	189000	UG/L	
AC172A00F	A	C17	13	1	CALCIUM	Y	2	2000	193000	UG/L	
AC173A00F	A	C17	13	1	CALCIUM	Y	3	2000	153000	UG/L	
AC201A00F	A	C20	14	1	CALCIUM	Y	1	2000	88400	UG/L	
AC202A00F	A	C20	14	1	CALCIUM	Y	2	2000	90000	UG/L	
AC203A00F	A	C20	14	1	CALCIUM	Y	3	2000	70500	UG/L	
AC251A00F	A	C25	15	1	CALCIUM	Y	1	2000	103000	UG/L	
AC252A00F	A	C25	15	1	CALCIUM	Y	2	2000	104000	UG/L	

Table 7.15. Raw Data for Calcium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC253A00F	A	C25	15	1	CALCIUM	Y	3	2000	83000	UG/L	
AC261A00F	A	C26	16	1	CALCIUM	Y	1	2000	95700	UG/L	
AC262A00F	A	C26	16	1	CALCIUM	Y	2	2000	98900	UG/L	
AC263A00F	A	C26	16	1	CALCIUM	Y	3	2000	78000	UG/L	
AC271A00F	A	C27	17	1	CALCIUM	Y	1	2000	55300	UG/L	
AC272A00F	A	C27	17	1	CALCIUM	Y	2	2000	56800	UG/L	
AC273A00F	A	C27	17	1	CALCIUM	Y	3	2000	45200	UG/L	
AC301A00F	A	C30	18	1	CALCIUM	Y	1	2000	55100	UG/L	
AC302A00F	A	C30	18	1	CALCIUM	Y	2	2000	75000	UG/L	
AC303A00F	A	C30	18	1	CALCIUM	Y	3	2000	54400	UG/L	
ACRA1A00F	A	CRA	21	1	CALCIUM	Y	1	2000	28900	UG/L	
ACRA2A00F	A	CRA	21	1	CALCIUM	Y	2	2000	42400	UG/L	
ACRA3A00F	A	CRA	21	1	CALCIUM	Y	3	2000	36700	UG/L	
ACRB1A00F	A	CRB	22	1	CALCIUM	Y	1	2000	27600	UG/L	
ACRB2A00F	A	CRB	22	1	CALCIUM	Y	2	2000	37100	UG/L	
ACRB3A00F	A	CRB	22	1	CALCIUM	Y	3	2000	32400	UG/L	
ASPA1A00F	A	SPA	19	1	CALCIUM	Y	1	2000	22400	UG/L	
ASPA2A00F	A	SPA	19	1	CALCIUM	Y	2	2000	30000	UG/L	
ASPA3A00F	A	SPA	19	1	CALCIUM	Y	3	2000	26800	UG/L	
ASPC1A00F	A	SPC	20	1	CALCIUM	Y	1	2000	23800	UG/L	
ASPC2A00F	A	SPC	20	1	CALCIUM	Y	2	2000	34100	UG/L	
ASPC3A00F	A	SPC	20	1	CALCIUM	Y	3	2000	26500	UG/L	
DC021A00F	D	C02	1	1	CALCIUM	Y	1	2000	73600	UG/L	
DC041A00F	D	C04	3	1	CALCIUM	Y	1	2000	77700	UG/L	
DC04P21A00F	D	C04P2	2	2	CALCIUM	Y	1	2000	57100	UG/L	
DC051A00F	D	C05	4	1	CALCIUM	Y	1	2000	9990	UG/L	
DC061A00F	D	C06	5	1	CALCIUM	Y	1	2000	4410	UG/L	
DC06P21A00F	D	C06P2	3	2	CALCIUM	Y	1	2000	7150	UG/L	
DC071A00	D	C07	6	1	CALCIUM	N	1	2000	4480	UG/L	
DC071A00F	D	C07	6	1	CALCIUM	Y	1	2000	4380	UG/L	
FD01310001F	D	C06	5	1	CALCIUM	Y	1	2000	4400	UG/L	
FD02280001F	O	C13	4	1	CALCIUM	Y	1	2000	19300	UG/L	
FD03140001F	A	SPC	20	1	CALCIUM	Y	1	2000	23900	UG/L	
FD03250001F	A	C09P2	8	1	CALCIUM	Y	1	2000	74800	UG/L	
FD03290001F	A	SPA	19	1	CALCIUM	Y	1	2000	22500	UG/L	
FD06090001F	A	CRA	21	1	CALCIUM	Y	2	2000	42700	UG/L	
FD06230001F	A	C10	9	1	CALCIUM	Y	2	2000	94400	UG/L	
FD06280001F	A	SPC	20	1	CALCIUM	Y	2	2000	33600	UG/L	
FD09130001F	A	C12	11	1	CALCIUM	Y	3	2000	86300	UG/L	
FD09200001F	A	CRB	22	1	CALCIUM	Y	3	2000	32700	UG/L	
FD09290001F	A	SPC	20	1	CALCIUM	Y	3	2000	26900	UG/L	
OC081A00F	O	C08	1	1	CALCIUM	Y	1	2000	1360	UG/L	
OC111A00F	O	C11	2	1	CALCIUM	Y	1	2000	10200	UG/L	
OC121A00F	O	C12	3	1	CALCIUM	Y	1	2000	93700	UG/L	
OC131A00F	O	C13	4	1	CALCIUM	Y	1	2000	24100	UG/L	

Table 7.15. Raw Data for Calcium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC13P21A00F	O	C13P2	2	2	CALCIUM	Y	1	2000	25000	UG/L	
OC141A00F	O	C14	5	1	CALCIUM	Y	1	2000	52000	UG/L	
OC14P21A00F	O	C14P2	3	2	CALCIUM	Y	1	2000	10800	UG/L	
OC151A00F	O	C15	6	1	CALCIUM	Y	1	2000	26100	UG/L	
OC191A00F	O	C19	9	1	CALCIUM	Y	1	2000	37600	UG/L	

Table 7.16. Raw Data for Chromium.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AB021A00F	A	B02	1	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AB022A00	A	B02	1	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AB022A00F	A	B02	1	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AB023A00	A	B02	1	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AB023A00F	A	B02	1	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
AB024A00	A	B02	1	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AB024A00F	A	B02	1	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AB041A00	A	B04	2	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AB041A00F	A	B04	2	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AB042A00	A	B04	2	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AB042A00F	A	B04	2	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AB043A00	A	B04	2	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AB043A00F	A	B04	2	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
AB044A00	A	B04	2	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AB044A00F	A	B04	2	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AC02P21A00	A	C02P2	3	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC02P21A00F	A	C02P2	3	1	CHROMIUM	Y	1	2000	3	UG/L	U
AC02P22A00	A	C02P2	3	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC02P22A00F	A	C02P2	3	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC02P23A00	A	C02P2	3	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC02P23A00F	A	C02P2	3	1	CHROMIUM	Y	3	2000	7	UG/L	
AC02P24A00	A	C02P2	3	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC02P24A00F	A	C02P2	3	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AC031A00	A	C03	4	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC031A00F	A	C03	4	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC032A00	A	C03	4	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC032A00F	A	C03	4	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC033A00	A	C03	4	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC033A00F	A	C03	4	1	CHROMIUM	Y	3	2000	6.1	UG/L	
AC034A00	A	C03	4	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC034A00F	A	C03	4	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AC041A00	A	C04	5	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC041A00F	A	C04	5	1	CHROMIUM	Y	1	2000	3	UG/L	U
AC042A00	A	C04	5	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC042A00F	A	C04	5	1	CHROMIUM	Y	2	2000	5	UG/L	

Table 7.16. Raw Data for Chromium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC043A00	A	C04	5	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC043A00F	A	C04	5	1	CHROMIUM	Y	3	2000	7.4	UG/L	
AC044A00	A	C04	5	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC044A00F	A	C04	5	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AC071A00	A	C07	6	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC071A00F	A	C07	6	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC072A00	A	C07	6	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC072A00F	A	C07	6	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC073A00	A	C07	6	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC073A00F	A	C07	6	1	CHROMIUM	Y	3	2000	6.5	UG/L	
AC074A00	A	C07	6	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC074A00F	A	C07	6	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AC08P21A00	A	C08P2	7	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC08P21A00F	A	C08P2	7	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC08P22A00	A	C08P2	7	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC08P22A00F	A	C08P2	7	1	CHROMIUM	Y	2	2000	5.7	UG/L	
AC08P23A00	A	C08P2	7	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC08P23A00F	A	C08P2	7	1	CHROMIUM	Y	3	2000	7.8	UG/L	
AC08P24A00	A	C08P2	7	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC08P24A00F	A	C08P2	7	1	CHROMIUM	Y	4	2000	6.1	UG/L	
AC09P21A00	A	C09P2	8	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC09P21A00F	A	C09P2	8	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC09P22A00	A	C09P2	8	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC09P22A00F	A	C09P2	8	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC09P23A00	A	C09P2	8	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC09P23A00F	A	C09P2	8	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
AC09P24A00	A	C09P2	8	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC09P24A00F	A	C09P2	8	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AC101A00	A	C10	9	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC101A00F	A	C10	9	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC102A00	A	C10	9	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC102A00F	A	C10	9	1	CHROMIUM	Y	2	2000	5	UG/L	
AC103A00	A	C10	9	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC103A00F	A	C10	9	1	CHROMIUM	Y	3	2000	6.1	UG/L	
AC104A00	A	C10	9	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC104A00F	A	C10	9	1	CHROMIUM	Y	4	2000	5	UG/L	
AC111A00	A	C11	10	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC111A00F	A	C11	10	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC112A00	A	C11	10	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC112A00F	A	C11	10	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC113A00	A	C11	10	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC113A00F	A	C11	10	1	CHROMIUM	Y	3	2000	7.9	UG/L	
AC114A00	A	C11	10	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC114A00F	A	C11	10	1	CHROMIUM	Y	4	2000	7.1	UG/L	
AC121A00	A	C12	11	1	CHROMIUM	N	1	2000	2.8	UG/L	U

Table 7.16. Raw Data for Chromium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC121A00F	A	C12	11	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC122A00	A	C12	11	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC122A00F	A	C12	11	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC123A00	A	C12	11	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC123A00F	A	C12	11	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
AC124A00	A	C12	11	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC124A00F	A	C12	11	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AC151A00	A	C15	12	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC151A00F	A	C15	12	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC152A00	A	C15	12	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC152A00F	A	C15	12	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC153A00	A	C15	12	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC153A00F	A	C15	12	1	CHROMIUM	Y	3	2000	6	UG/L	
AC154A00	A	C15	12	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC154A00F	A	C15	12	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AC171A00	A	C17	13	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC171A00F	A	C17	13	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC172A00	A	C17	13	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC172A00F	A	C17	13	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC173A00	A	C17	13	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC173A00F	A	C17	13	1	CHROMIUM	Y	3	2000	8.2	UG/L	
AC174A00	A	C17	13	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC174A00F	A	C17	13	1	CHROMIUM	Y	4	2000	5.6	UG/L	
AC201A00	A	C20	14	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC201A00F	A	C20	14	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC202A00	A	C20	14	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC202A00F	A	C20	14	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC203A00	A	C20	14	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC203A00F	A	C20	14	1	CHROMIUM	Y	3	2000	5.1	UG/L	
AC204A00	A	C20	14	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC204A00F	A	C20	14	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AC251A00	A	C25	15	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC251A00F	A	C25	15	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC252A00	A	C25	15	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC252A00F	A	C25	15	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC253A00	A	C25	15	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC253A00F	A	C25	15	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
AC254A00	A	C25	15	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC254A00F	A	C25	15	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AC261A00	A	C26	16	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC261A00F	A	C26	16	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC262A00	A	C26	16	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC262A00F	A	C26	16	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC263A00	A	C26	16	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC263A00F	A	C26	16	1	CHROMIUM	Y	3	2000	6	UG/L	

Table 7.16. Raw Data for Chromium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC264A00	A	C26	16	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC264A00F	A	C26	16	1	CHROMIUM	Y	4	2000	7	UG/L	
AC271A00	A	C27	17	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC271A00F	A	C27	17	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC272A00	A	C27	17	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC272A00F	A	C27	17	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC273A00	A	C27	17	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC273A00F	A	C27	17	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
AC274A00	A	C27	17	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC274A00F	A	C27	17	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
AC301A00	A	C30	18	1	CHROMIUM	N	1	2000	2.8	UG/L	U
AC301A00F	A	C30	18	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
AC302A00	A	C30	18	1	CHROMIUM	N	2	2000	2.8	UG/L	U
AC302A00F	A	C30	18	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
AC303A00	A	C30	18	1	CHROMIUM	N	3	2000	2.8	UG/L	U
AC303A00F	A	C30	18	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
AC304A00	A	C30	18	1	CHROMIUM	N	4	2000	2.8	UG/L	U
AC304A00F	A	C30	18	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
ACRA1A00	A	CRA	21	1	CHROMIUM	N	1	2000	2.8	UG/L	U
ACRA1A00F	A	CRA	21	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
ACRA2A00	A	CRA	21	1	CHROMIUM	N	2	2000	2.8	UG/L	U
ACRA2A00F	A	CRA	21	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
ACRA3A00	A	CRA	21	1	CHROMIUM	N	3	2000	2.8	UG/L	U
ACRA3A00F	A	CRA	21	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
ACRA4A00	A	CRA	21	1	CHROMIUM	N	4	2000	2.8	UG/L	U
ACRA4A00F	A	CRA	21	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
ACRB1A00	A	CRB	22	1	CHROMIUM	N	1	2000	2.8	UG/L	U
ACRB1A00F	A	CRB	22	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
ACRB2A00	A	CRB	22	1	CHROMIUM	N	2	2000	2.8	UG/L	U
ACRB2A00F	A	CRB	22	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
ACRB3A00	A	CRB	22	1	CHROMIUM	N	3	2000	2.8	UG/L	U
ACRB3A00F	A	CRB	22	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
ACRB4A00	A	CRB	22	1	CHROMIUM	N	4	2000	2.8	UG/L	U
ACRB4A00F	A	CRB	22	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
ASPA1A00	A	SPA	19	1	CHROMIUM	N	1	2000	2.8	UG/L	U
ASPA1A00F	A	SPA	19	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
ASPA2A00	A	SPA	19	1	CHROMIUM	N	2	2000	2.8	UG/L	U
ASPA2A00F	A	SPA	19	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
ASPA3A00	A	SPA	19	1	CHROMIUM	N	3	2000	2.8	UG/L	U
ASPA3A00F	A	SPA	19	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
ASPA4A00	A	SPA	19	1	CHROMIUM	N	4	2000	2.8	UG/L	U
ASPA4A00F	A	SPA	19	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
ASPC1A00	A	SPC	20	1	CHROMIUM	N	1	2000	2.8	UG/L	U
ASPC1A00F	A	SPC	20	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
ASPC2A00	A	SPC	20	1	CHROMIUM	N	2	2000	2.8	UG/L	U

Table 7.16. Raw Data for Chromium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ASPC2A00F	A	SPC	20	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
ASPC3A00	A	SPC	20	1	CHROMIUM	N	3	2000	2.8	UG/L	U
ASPC3A00F	A	SPC	20	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
ASPC4A00	A	SPC	20	1	CHROMIUM	N	4	2000	2.8	UG/L	U
ASPC4A00F	A	SPC	20	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
DC021A00	D	C02	1	1	CHROMIUM	N	1	2000	2.8	UG/L	U
DC021A00F	D	C02	1	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
DC023A00	D	C02	1	1	CHROMIUM	N	3	2000	2.8	UG/L	U
DC023A00F	D	C02	1	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
DC031A00	D	C03	2	1	CHROMIUM	N	1	2000	2.8	UG/L	U
DC031A00F	D	C03	2	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
DC033A00	D	C03	2	1	CHROMIUM	N	3	2000	2.8	UG/L	U
DC033A00F	D	C03	2	1	CHROMIUM	Y	3	2000	5.9	UG/L	
DC03P21A00	D	C03P2	1	2	CHROMIUM	N	1	2000	2.8	UG/L	U
DC03P21A00F	D	C03P2	1	2	CHROMIUM	Y	1	2000	2.8	UG/L	U
DC03P23A00	D	C03P2	1	2	CHROMIUM	N	3	2000	2.8	UG/L	U
DC03P23A00F	D	C03P2	1	2	CHROMIUM	Y	3	2000	6.2	UG/L	
DC041A00	D	C04	3	1	CHROMIUM	N	1	2000	2.8	UG/L	U
DC041A00F	D	C04	3	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
DC043A00	D	C04	3	1	CHROMIUM	N	3	2000	2.8	UG/L	U
DC043A00F	D	C04	3	1	CHROMIUM	Y	3	2000	6.8	UG/L	
DC04P21A00	D	C04P2	2	2	CHROMIUM	N	1	2000	2.8	UG/L	U
DC04P21A00F	D	C04P2	2	2	CHROMIUM	Y	1	2000	2.8	UG/L	U
DC04P23A00	D	C04P2	2	2	CHROMIUM	N	3	2000	2.8	UG/L	U
DC04P23A00F	D	C04P2	2	2	CHROMIUM	Y	3	2000	10.4	UG/L	
DC051A00	D	C05	4	1	CHROMIUM	N	1	2000	2.8	UG/L	U
DC051A00F	D	C05	4	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
DC053B00	D	C05	4	1	CHROMIUM	N	3	2000	2.8	UG/L	U
DC053B00F	D	C05	4	1	CHROMIUM	Y	3	2000	7.2	UG/L	
DC061A00	D	C06	5	1	CHROMIUM	N	1	2000	2.8	UG/L	U
DC061A00F	D	C06	5	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
DC063A00	D	C06	5	1	CHROMIUM	N	3	2000	2.8	UG/L	U
DC063A00F	D	C06	5	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
DC06P21A00	D	C06P2	3	2	CHROMIUM	N	1	2000	2.8	UG/L	U
DC06P21A00F	D	C06P2	3	2	CHROMIUM	Y	1	2000	2.8	UG/L	U
DC06P23A00	D	C06P2	3	2	CHROMIUM	N	3	2000	2.8	UG/L	U
DC06P23A00F	D	C06P2	3	2	CHROMIUM	Y	3	2000	2.5	UG/L	U
DC071A00	D	C07	6	1	CHROMIUM	N	1	2000	2.8	UG/L	U
DC071A00F	D	C07	6	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
DC073A00	D	C07	6	1	CHROMIUM	N	3	2000	2.8	UG/L	U
DC073A00F	D	C07	6	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
DC081A00	D	C08	7	1	CHROMIUM	N	1	2000	2.8	UG/L	U
DC081A00F	D	C08	7	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
DC083A00	D	C08	7	1	CHROMIUM	N	3	2000	2.8	UG/L	U
DC083A00F	D	C08	7	1	CHROMIUM	Y	3	2000	8.5	UG/L	

Table 7.16. Raw Data for Chromium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC08P21A00	D	C08P2	4	2	CHROMIUM	N	1	2000	2.8	UG/L	U
DC08P21A00F	D	C08P2	4	2	CHROMIUM	Y	1	2000	2.8	UG/L	U
DC08P23A00	D	C08P2	4	2	CHROMIUM	N	3	2000	3	UG/L	U
DC08P23A00F	D	C08P2	4	2	CHROMIUM	Y	3	2000	2.5	UG/L	U
FD01310001	D	C06	5	1	CHROMIUM	N	1	2000	2.8	UG/L	U
FD01310001F	D	C06	5	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
FD02140001	D	C03P2	1	2	CHROMIUM	N	1	2000	2.8	UG/L	U
FD02140001F	D	C03P2	1	2	CHROMIUM	Y	1	2000	2.8	UG/L	U
FD02230001	O	C11P2	1	2	CHROMIUM	N	1	2000	2.8	UG/L	U
FD02230001F	O	C11P2	1	2	CHROMIUM	Y	1	2000	2.8	UG/L	U
FD02280001	O	C13	4	1	CHROMIUM	N	1	2000	2.8	UG/L	U
FD02280001F	O	C13	4	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
FD03140001	A	SPC	20	1	CHROMIUM	N	1	2000	2.8	UG/L	U
FD03140001F	A	SPC	20	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
FD03250001	A	C09P2	8	1	CHROMIUM	N	1	2000	2.8	UG/L	U
FD03250001F	A	C09P2	8	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
FD03290001	A	SPA	19	1	CHROMIUM	N	1	2000	2.8	UG/L	U
FD03290001F	A	SPA	19	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
FD04190001	O	C13P2	2	2	CHROMIUM	N	2	2000	2.8	UG/L	U
FD04190001F	O	C13P2	2	2	CHROMIUM	Y	2	2000	2.8	UG/L	U
FD05080001	O	C18	8	1	CHROMIUM	N	2	2000	2.8	UG/L	U
FD05080001F	O	C18	8	1	CHROMIUM	Y	2	2000	2.8	UG/L	U
FD06090001	A	CRA	21	1	CHROMIUM	N	2	2000	2.8	UG/L	U
FD06090001F	A	CRA	21	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
FD06230001	A	C10	9	1	CHROMIUM	N	2	2000	2.8	UG/L	U
FD06230001F	A	C10	9	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
FD06280001	A	SPC	20	1	CHROMIUM	N	2	2000	2.8	UG/L	U
FD06280001F	A	SPC	20	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
FD07290001	D	C05	4	1	CHROMIUM	N	3	2000	2.8	UG/L	U
FD07290001F	D	C05	4	1	CHROMIUM	Y	3	2000	7.6	UG/L	
FD08090001	D	C02	1	1	CHROMIUM	N	3	2000	2.8	UG/L	U
FD08090001F	D	C02	1	1	CHROMIUM	Y	3	2000	7	UG/L	
FD08250001	O	C14	5	1	CHROMIUM	N	3	2000	2.8	UG/L	U
FD08250001F	O	C14	5	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
FD08300001	O	C18P2	4	2	CHROMIUM	N	3	2000	2.8	UG/L	U
FD08300001F	O	C18P2	4	2	CHROMIUM	Y	3	2000	5.3	UG/L	
FD09130001	A	C12	11	1	CHROMIUM	N	3	2000	2.8	UG/L	U
FD09130001F	A	C12	11	1	CHROMIUM	Y	3	2000	5.1	UG/L	
FD09200001	A	CRB	22	1	CHROMIUM	N	3	2000	2.8	UG/L	U
FD09200001F	A	CRB	22	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
FD09290001	A	SPC	20	1	CHROMIUM	N	3	2000	2.8	UG/L	U
FD09290001F	A	SPC	20	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
FD11190001	O	C14	5	1	CHROMIUM	N	4	2000	2.8	UG/L	U
FD11190001F	O	C14	5	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
FD11200001	O	C13P2	2	2	CHROMIUM	N	4	2000	2.8	UG/L	U

Table 7.16. Raw Data for Chromium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD11200001F	O	C13P2	2	2	CHROMIUM	Y	4	2000	2.5	UG/L	U
FD12010001	A	C09P2	8	1	CHROMIUM	N	4	2000	2.8	UG/L	U
FD12010001F	A	C09P2	8	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
FD12120001	A	CRB	22	1	CHROMIUM	N	4	2000	2.8	UG/L	U
FD12120001F	A	CRB	22	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC081A00	O	C08	1	1	CHROMIUM	N	1	2000	2.8	UG/L	U
OC081A00F	O	C08	1	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC082A00	O	C08	1	1	CHROMIUM	N	2	2000	2.8	UG/L	U
OC082A00F	O	C08	1	1	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC083A00	O	C08	1	1	CHROMIUM	N	3	2000	2.8	UG/L	U
OC083A00F	O	C08	1	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC084A00	O	C08	1	1	CHROMIUM	N	4	2000	2.8	UG/L	U
OC084A00F	O	C08	1	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC111A00	O	C11	2	1	CHROMIUM	N	1	2000	2.8	UG/L	U
OC111A00F	O	C11	2	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC112A00	O	C11	2	1	CHROMIUM	N	2	2000	2.8	UG/L	U
OC112A00F	O	C11	2	1	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC113A00	O	C11	2	1	CHROMIUM	N	3	2000	2.8	UG/L	U
OC113A00F	O	C11	2	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC114A00	O	C11	2	1	CHROMIUM	N	4	2000	2.8	UG/L	U
OC114A00F	O	C11	2	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC11P21A00	O	C11P2	1	2	CHROMIUM	N	1	2000	2.8	UG/L	U
OC11P21A00F	O	C11P2	1	2	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC11P22A00	O	C11P2	1	2	CHROMIUM	N	2	2000	2.8	UG/L	U
OC11P22A00F	O	C11P2	1	2	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC11P23A00	O	C11P2	1	2	CHROMIUM	N	3	2000	2.8	UG/L	U
OC11P23A00F	O	C11P2	1	2	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC11P24A00	O	C11P2	1	2	CHROMIUM	N	4	2000	2.8	UG/L	U
OC11P24A00F	O	C11P2	1	2	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC121A00	O	C12	3	1	CHROMIUM	N	1	2000	2.8	UG/L	U
OC121A00F	O	C12	3	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC122A00	O	C12	3	1	CHROMIUM	N	2	2000	2.8	UG/L	U
OC122A00F	O	C12	3	1	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC123A00	O	C12	3	1	CHROMIUM	N	3	2000	2.8	UG/L	U
OC123A00F	O	C12	3	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC124A00	O	C12	3	1	CHROMIUM	N	4	2000	2.8	UG/L	U
OC124A00F	O	C12	3	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC131A00	O	C13	4	1	CHROMIUM	N	1	2000	2.8	UG/L	U
OC131A00F	O	C13	4	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC132A00	O	C13	4	1	CHROMIUM	N	2	2000	2.8	UG/L	U
OC132A00F	O	C13	4	1	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC133A00	O	C13	4	1	CHROMIUM	N	3	2000	2.8	UG/L	U
OC133A00F	O	C13	4	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC134A00	O	C13	4	1	CHROMIUM	N	4	2000	2.8	UG/L	U
OC134A00F	O	C13	4	1	CHROMIUM	Y	4	2000	2.5	UG/L	U

Table 7.16. Raw Data for Chromium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC13P21A00	O	C13P2	2	2	CHROMIUM	N	1	2000	2.8	UG/L	U
OC13P21A00F	O	C13P2	2	2	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC13P22A00	O	C13P2	2	2	CHROMIUM	N	2	2000	2.8	UG/L	U
OC13P22A00F	O	C13P2	2	2	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC13P23A00	O	C13P2	2	2	CHROMIUM	N	3	2000	2.8	UG/L	U
OC13P23A00F	O	C13P2	2	2	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC13P24A00	O	C13P2	2	2	CHROMIUM	N	4	2000	2.8	UG/L	U
OC13P24A00F	O	C13P2	2	2	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC141A00	O	C14	5	1	CHROMIUM	N	1	2000	2.8	UG/L	U
OC141A00F	O	C14	5	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC142A00	O	C14	5	1	CHROMIUM	N	2	2000	2.8	UG/L	U
OC142A00F	O	C14	5	1	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC143A00	O	C14	5	1	CHROMIUM	N	3	2000	2.8	UG/L	U
OC143A00F	O	C14	5	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC144A00	O	C14	5	1	CHROMIUM	N	4	2000	2.8	UG/L	U
OC144A00F	O	C14	5	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC14P21A00	O	C14P2	3	2	CHROMIUM	N	1	2000	2.8	UG/L	U
OC14P21A00F	O	C14P2	3	2	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC14P22A00	O	C14P2	3	2	CHROMIUM	N	2	2000	2.8	UG/L	U
OC14P22A00F	O	C14P2	3	2	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC14P23A00	O	C14P2	3	2	CHROMIUM	N	3	2000	2.8	UG/L	U
OC14P23A00F	O	C14P2	3	2	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC14P24A00	O	C14P2	3	2	CHROMIUM	N	4	2000	2.8	UG/L	U
OC14P24A00F	O	C14P2	3	2	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC151A00	O	C15	6	1	CHROMIUM	N	1	2000	2.8	UG/L	U
OC151A00F	O	C15	6	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC152A00	O	C15	6	1	CHROMIUM	N	2	2000	2.8	UG/L	U
OC152A00F	O	C15	6	1	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC153A00	O	C15	6	1	CHROMIUM	N	3	2000	2.8	UG/L	U
OC153A00F	O	C15	6	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC154A00	O	C15	6	1	CHROMIUM	N	4	2000	2.8	UG/L	U
OC154A00F	O	C15	6	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC161A00	O	C16	7	1	CHROMIUM	N	1	2000	2.8	UG/L	U
OC161A00F	O	C16	7	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC162A00	O	C16	7	1	CHROMIUM	N	2	2000	2.8	UG/L	U
OC162A00F	O	C16	7	1	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC163A00	O	C16	7	1	CHROMIUM	N	3	2000	2.8	UG/L	U
OC163A00F	O	C16	7	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC164A00	O	C16	7	1	CHROMIUM	N	4	2000	2.8	UG/L	U
OC164A00F	O	C16	7	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC181A00	O	C18	8	1	CHROMIUM	N	1	2000	2.8	UG/L	U
OC181A00F	O	C18	8	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC182A00	O	C18	8	1	CHROMIUM	N	2	2000	2.8	UG/L	U
OC182A00F	O	C18	8	1	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC183A00	O	C18	8	1	CHROMIUM	N	3	2000	2.8	UG/L	U

Table 7.16. Raw Data for Chromium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC183A00F	O	C18	8	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC184A00	O	C18	8	1	CHROMIUM	N	4	2000	2.8	UG/L	U
OC184A00F	O	C18	8	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC18P21A00	O	C18P2	4	2	CHROMIUM	N	1	2000	7.9	UG/L	
OC18P21A00F	O	C18P2	4	2	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC18P22A00	O	C18P2	4	2	CHROMIUM	N	2	2000	2.8	UG/L	U
OC18P22A00F	O	C18P2	4	2	CHROMIUM	Y	2	2000	2.8	UG/L	U
OC18P23A00	O	C18P2	4	2	CHROMIUM	N	3	2000	2.8	UG/L	U
OC18P23A00F	O	C18P2	4	2	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC18P24A00	O	C18P2	4	2	CHROMIUM	N	4	2000	2.8	UG/L	U
OC18P24A00F	O	C18P2	4	2	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC191A00	O	C19	9	1	CHROMIUM	N	1	2000	2.8	UG/L	U
OC191A00F	O	C19	9	1	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC192A00	O	C19	9	1	CHROMIUM	N	2	2000	2.8	UG/L	U
OC192A00F	O	C19	9	1	CHROMIUM	Y	2	2000	2.5	UG/L	U
OC193A00	O	C19	9	1	CHROMIUM	N	3	2000	2.8	UG/L	U
OC193A00F	O	C19	9	1	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC194A00	O	C19	9	1	CHROMIUM	N	4	2000	2.8	UG/L	U
OC194A00F	O	C19	9	1	CHROMIUM	Y	4	2000	2.5	UG/L	U
OC19P21A00	O	C19P2	5	2	CHROMIUM	N	1	2000	2.8	UG/L	U
OC19P21A00F	O	C19P2	5	2	CHROMIUM	Y	1	2000	2.8	UG/L	U
OC19P22100F	O	C19P2	5	2	CHROMIUM	Y	2	2000	2.5	UG/L	U
OC19P22A00	O	C19P2	5	2	CHROMIUM	N	2	2000	2.8	UG/L	U
OC19P23A00	O	C19P2	5	2	CHROMIUM	N	3	2000	2.8	UG/L	U
OC19P23A00F	O	C19P2	5	2	CHROMIUM	Y	3	2000	2.5	UG/L	U
OC19P24A00	O	C19P2	5	2	CHROMIUM	N	4	2000	2.8	UG/L	U
OC19P24A00F	O	C19P2	5	2	CHROMIUM	Y	4	2000	2.5	UG/L	U

Table 7.17. Raw Data for Copper.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	COPPER	N	1	2000	1.1	UG/L	U
AB021A00F	A	B02	1	1	COPPER	Y	1	2000	1.1	UG/L	U
AB022A00	A	B02	1	1	COPPER	N	2	2000	1.1	UG/L	U
AB022A00F	A	B02	1	1	COPPER	Y	2	2000	1	UG/L	U
AB023A00	A	B02	1	1	COPPER	N	3	2000	1.1	UG/L	U
AB023A00F	A	B02	1	1	COPPER	Y	3	2000	1	UG/L	U
AB024A00	A	B02	1	1	COPPER	N	4	2000	1.1	UG/L	U
AB024A00F	A	B02	1	1	COPPER	Y	4	2000	1	UG/L	U
AB041A00	A	B04	2	1	COPPER	N	1	2000	1.1	UG/L	U
AB041A00F	A	B04	2	1	COPPER	Y	1	2000	1.1	UG/L	U
AB042A00	A	B04	2	1	COPPER	N	2	2000	1.1	UG/L	U
AB042A00F	A	B04	2	1	COPPER	Y	2	2000	1	UG/L	U
AB043A00	A	B04	2	1	COPPER	N	3	2000	1.1	UG/L	U
AB043A00F	A	B04	2	1	COPPER	Y	3	2000	1	UG/L	U

Table 7.17. Raw Data for Copper. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB044A00	A	B04	2	1	COPPER	N	4	2000	1.1	UG/L	U
AB044A00F	A	B04	2	1	COPPER	Y	4	2000	1	UG/L	U
AC02P21A00	A	C02P2	3	1	COPPER	N	1	2000	1.1	UG/L	U
AC02P21A00F	A	C02P2	3	1	COPPER	Y	1	2000	1	UG/L	U
AC02P22A00	A	C02P2	3	1	COPPER	N	2	2000	1.1	UG/L	U
AC02P22A00F	A	C02P2	3	1	COPPER	Y	2	2000	1	UG/L	U
AC02P23A00	A	C02P2	3	1	COPPER	N	3	2000	1.1	UG/L	U
AC02P23A00F	A	C02P2	3	1	COPPER	Y	3	2000	1	UG/L	U
AC02P24A00	A	C02P2	3	1	COPPER	N	4	2000	1.1	UG/L	U
AC02P24A00F	A	C02P2	3	1	COPPER	Y	4	2000	1	UG/L	U
AC031A00	A	C03	4	1	COPPER	N	1	2000	1.1	UG/L	U
AC031A00F	A	C03	4	1	COPPER	Y	1	2000	2.7	UG/L	
AC032A00	A	C03	4	1	COPPER	N	2	2000	1.1	UG/L	U
AC032A00F	A	C03	4	1	COPPER	Y	2	2000	2.4	UG/L	
AC033A00	A	C03	4	1	COPPER	N	3	2000	3.8	UG/L	
AC033A00F	A	C03	4	1	COPPER	Y	3	2000	3.4	UG/L	
AC034A00	A	C03	4	1	COPPER	N	4	2000	1.1	UG/L	U
AC034A00F	A	C03	4	1	COPPER	Y	4	2000	1	UG/L	U
AC041A00	A	C04	5	1	COPPER	N	1	2000	2.6	UG/L	
AC041A00F	A	C04	5	1	COPPER	Y	1	2000	1	UG/L	U
AC042A00	A	C04	5	1	COPPER	N	2	2000	1.1	UG/L	U
AC042A00F	A	C04	5	1	COPPER	Y	2	2000	2.4	UG/L	
AC043A00	A	C04	5	1	COPPER	N	3	2000	4.1	UG/L	
AC043A00F	A	C04	5	1	COPPER	Y	3	2000	1	UG/L	U
AC044A00	A	C04	5	1	COPPER	N	4	2000	1.1	UG/L	U
AC044A00F	A	C04	5	1	COPPER	Y	4	2000	1	UG/L	U
AC071A00	A	C07	6	1	COPPER	N	1	2000	1.1	UG/L	U
AC071A00F	A	C07	6	1	COPPER	Y	1	2000	1.1	UG/L	U
AC072A00	A	C07	6	1	COPPER	N	2	2000	1.1	UG/L	U
AC072A00F	A	C07	6	1	COPPER	Y	2	2000	1	UG/L	U
AC073A00	A	C07	6	1	COPPER	N	3	2000	1.1	UG/L	U
AC073A00F	A	C07	6	1	COPPER	Y	3	2000	1	UG/L	U
AC074A00	A	C07	6	1	COPPER	N	4	2000	1.1	UG/L	U
AC074A00F	A	C07	6	1	COPPER	Y	4	2000	1	UG/L	U
AC08P21A00	A	C08P2	7	1	COPPER	N	1	2000	1.1	UG/L	U
AC08P21A00F	A	C08P2	7	1	COPPER	Y	1	2000	1.1	UG/L	U
AC08P22A00	A	C08P2	7	1	COPPER	N	2	2000	1.1	UG/L	U
AC08P22A00F	A	C08P2	7	1	COPPER	Y	2	2000	1	UG/L	U
AC08P23A00	A	C08P2	7	1	COPPER	N	3	2000	1.1	UG/L	U
AC08P23A00F	A	C08P2	7	1	COPPER	Y	3	2000	1	UG/L	U
AC08P24A00	A	C08P2	7	1	COPPER	N	4	2000	1.1	UG/L	U
AC08P24A00F	A	C08P2	7	1	COPPER	Y	4	2000	1	UG/L	U
AC09P21A00	A	C09P2	8	1	COPPER	N	1	2000	1.1	UG/L	U
AC09P21A00F	A	C09P2	8	1	COPPER	Y	1	2000	1.1	UG/L	U
AC09P22A00	A	C09P2	8	1	COPPER	N	2	2000	1.1	UG/L	U

Table 7.17. Raw Data for Copper. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC09P22A00F	A	C09P2	8	1	COPPER	Y	2	2000	1	UG/L	U
AC09P23A00	A	C09P2	8	1	COPPER	N	3	2000	1.1	UG/L	U
AC09P23A00F	A	C09P2	8	1	COPPER	Y	3	2000	1	UG/L	U
AC09P24A00	A	C09P2	8	1	COPPER	N	4	2000	1.1	UG/L	U
AC09P24A00F	A	C09P2	8	1	COPPER	Y	4	2000	1	UG/L	U
AC101A00	A	C10	9	1	COPPER	N	1	2000	1.1	UG/L	U
AC101A00F	A	C10	9	1	COPPER	Y	1	2000	1.1	UG/L	U
AC102A00	A	C10	9	1	COPPER	N	2	2000	1.1	UG/L	U
AC102A00F	A	C10	9	1	COPPER	Y	2	2000	1	UG/L	U
AC103A00	A	C10	9	1	COPPER	N	3	2000	1.1	UG/L	U
AC103A00F	A	C10	9	1	COPPER	Y	3	2000	1	UG/L	U
AC104A00	A	C10	9	1	COPPER	N	4	2000	1.1	UG/L	U
AC104A00F	A	C10	9	1	COPPER	Y	4	2000	1	UG/L	U
AC111A00	A	C11	10	1	COPPER	N	1	2000	1.1	UG/L	U
AC111A00F	A	C11	10	1	COPPER	Y	1	2000	1.1	UG/L	U
AC112A00	A	C11	10	1	COPPER	N	2	2000	1.1	UG/L	U
AC112A00F	A	C11	10	1	COPPER	Y	2	2000	1	UG/L	U
AC113A00	A	C11	10	1	COPPER	N	3	2000	1.1	UG/L	U
AC113A00F	A	C11	10	1	COPPER	Y	3	2000	1	UG/L	U
AC114A00	A	C11	10	1	COPPER	N	4	2000	1.1	UG/L	U
AC114A00F	A	C11	10	1	COPPER	Y	4	2000	1	UG/L	U
AC121A00	A	C12	11	1	COPPER	N	1	2000	1.1	UG/L	U
AC121A00F	A	C12	11	1	COPPER	Y	1	2000	1.1	UG/L	U
AC122A00	A	C12	11	1	COPPER	N	2	2000	1.1	UG/L	U
AC122A00F	A	C12	11	1	COPPER	Y	2	2000	1	UG/L	U
AC123A00	A	C12	11	1	COPPER	N	3	2000	1.1	UG/L	U
AC123A00F	A	C12	11	1	COPPER	Y	3	2000	1	UG/L	U
AC124A00	A	C12	11	1	COPPER	N	4	2000	1.1	UG/L	U
AC124A00F	A	C12	11	1	COPPER	Y	4	2000	1	UG/L	U
AC151A00	A	C15	12	1	COPPER	N	1	2000	1.1	UG/L	U
AC151A00F	A	C15	12	1	COPPER	Y	1	2000	1.1	UG/L	U
AC152A00	A	C15	12	1	COPPER	N	2	2000	1.1	UG/L	U
AC152A00F	A	C15	12	1	COPPER	Y	2	2000	1	UG/L	U
AC153A00	A	C15	12	1	COPPER	N	3	2000	1.1	UG/L	U
AC153A00F	A	C15	12	1	COPPER	Y	3	2000	1	UG/L	U
AC154A00	A	C15	12	1	COPPER	N	4	2000	1.1	UG/L	U
AC154A00F	A	C15	12	1	COPPER	Y	4	2000	1	UG/L	U
AC171A00	A	C17	13	1	COPPER	N	1	2000	1.1	UG/L	U
AC171A00F	A	C17	13	1	COPPER	Y	1	2000	1.1	UG/L	U
AC172A00	A	C17	13	1	COPPER	N	2	2000	1.1	UG/L	U
AC172A00F	A	C17	13	1	COPPER	Y	2	2000	1	UG/L	U
AC173A00	A	C17	13	1	COPPER	N	3	2000	1.1	UG/L	U
AC173A00F	A	C17	13	1	COPPER	Y	3	2000	1	UG/L	U
AC174A00	A	C17	13	1	COPPER	N	4	2000	1.1	UG/L	U
AC174A00F	A	C17	13	1	COPPER	Y	4	2000	1	UG/L	U

Table 7.17. Raw Data for Copper. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC201A00	A	C20	14	1	COPPER	N	1	2000	1.1	UG/L	U
AC201A00F	A	C20	14	1	COPPER	Y	1	2000	1.1	UG/L	U
AC202A00	A	C20	14	1	COPPER	N	2	2000	1.1	UG/L	U
AC202A00F	A	C20	14	1	COPPER	Y	2	2000	1	UG/L	U
AC203A00	A	C20	14	1	COPPER	N	3	2000	1.1	UG/L	U
AC203A00F	A	C20	14	1	COPPER	Y	3	2000	1	UG/L	U
AC204A00	A	C20	14	1	COPPER	N	4	2000	1.1	UG/L	U
AC204A00F	A	C20	14	1	COPPER	Y	4	2000	1	UG/L	U
AC251A00	A	C25	15	1	COPPER	N	1	2000	1.1	UG/L	U
AC251A00F	A	C25	15	1	COPPER	Y	1	2000	1.1	UG/L	U
AC252A00	A	C25	15	1	COPPER	N	2	2000	1.1	UG/L	U
AC252A00F	A	C25	15	1	COPPER	Y	2	2000	1	UG/L	U
AC253A00	A	C25	15	1	COPPER	N	3	2000	1.1	UG/L	U
AC253A00F	A	C25	15	1	COPPER	Y	3	2000	1	UG/L	U
AC254A00	A	C25	15	1	COPPER	N	4	2000	1.1	UG/L	U
AC254A00F	A	C25	15	1	COPPER	Y	4	2000	1	UG/L	U
AC261A00	A	C26	16	1	COPPER	N	1	2000	1.1	UG/L	U
AC261A00F	A	C26	16	1	COPPER	Y	1	2000	1.1	UG/L	U
AC262A00	A	C26	16	1	COPPER	N	2	2000	1.1	UG/L	U
AC262A00F	A	C26	16	1	COPPER	Y	2	2000	1	UG/L	U
AC263A00	A	C26	16	1	COPPER	N	3	2000	1.1	UG/L	U
AC263A00F	A	C26	16	1	COPPER	Y	3	2000	1	UG/L	U
AC264A00	A	C26	16	1	COPPER	N	4	2000	1.1	UG/L	U
AC264A00F	A	C26	16	1	COPPER	Y	4	2000	1	UG/L	U
AC271A00	A	C27	17	1	COPPER	N	1	2000	1.1	UG/L	U
AC271A00F	A	C27	17	1	COPPER	Y	1	2000	1.1	UG/L	U
AC272A00	A	C27	17	1	COPPER	N	2	2000	1.1	UG/L	U
AC272A00F	A	C27	17	1	COPPER	Y	2	2000	1	UG/L	U
AC273A00	A	C27	17	1	COPPER	N	3	2000	1.1	UG/L	U
AC273A00F	A	C27	17	1	COPPER	Y	3	2000	1	UG/L	U
AC274A00	A	C27	17	1	COPPER	N	4	2000	1.1	UG/L	U
AC274A00F	A	C27	17	1	COPPER	Y	4	2000	1	UG/L	U
AC301A00	A	C30	18	1	COPPER	N	1	2000	1.1	UG/L	U
AC301A00F	A	C30	18	1	COPPER	Y	1	2000	1.1	UG/L	U
AC302A00	A	C30	18	1	COPPER	N	2	2000	1.1	UG/L	U
AC302A00F	A	C30	18	1	COPPER	Y	2	2000	1	UG/L	U
AC303A00	A	C30	18	1	COPPER	N	3	2000	1.1	UG/L	U
AC303A00F	A	C30	18	1	COPPER	Y	3	2000	1	UG/L	U
AC304A00	A	C30	18	1	COPPER	N	4	2000	1.1	UG/L	U
AC304A00F	A	C30	18	1	COPPER	Y	4	2000	1	UG/L	U
ACRA1A00	A	CRA	21	1	COPPER	N	1	2000	1.1	UG/L	U
ACRA1A00F	A	CRA	21	1	COPPER	Y	1	2000	1.1	UG/L	U
ACRA2A00	A	CRA	21	1	COPPER	N	2	2000	1.1	UG/L	U
ACRA2A00F	A	CRA	21	1	COPPER	Y	2	2000	1	UG/L	U
ACRA3A00	A	CRA	21	1	COPPER	N	3	2000	1.1	UG/L	U

Table 7.17. Raw Data for Copper. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRA3A00F	A	CRA	21	1	COPPER	Y	3	2000	1	UG/L	U
ACRA4A00	A	CRA	21	1	COPPER	N	4	2000	1.1	UG/L	U
ACRA4A00F	A	CRA	21	1	COPPER	Y	4	2000	1	UG/L	U
ACRB1A00	A	CRB	22	1	COPPER	N	1	2000	1.1	UG/L	U
ACRB1A00F	A	CRB	22	1	COPPER	Y	1	2000	1.1	UG/L	U
ACRB2A00	A	CRB	22	1	COPPER	N	2	2000	1.1	UG/L	U
ACRB2A00F	A	CRB	22	1	COPPER	Y	2	2000	1	UG/L	U
ACRB3A00	A	CRB	22	1	COPPER	N	3	2000	1.1	UG/L	U
ACRB3A00F	A	CRB	22	1	COPPER	Y	3	2000	1	UG/L	U
ACRB4A00	A	CRB	22	1	COPPER	N	4	2000	1.1	UG/L	U
ACRB4A00F	A	CRB	22	1	COPPER	Y	4	2000	1	UG/L	U
ASPA1A00	A	SPA	19	1	COPPER	N	1	2000	1.1	UG/L	U
ASPA1A00F	A	SPA	19	1	COPPER	Y	1	2000	1.1	UG/L	U
ASPA2A00	A	SPA	19	1	COPPER	N	2	2000	1.1	UG/L	U
ASPA2A00F	A	SPA	19	1	COPPER	Y	2	2000	1	UG/L	U
ASPA3A00	A	SPA	19	1	COPPER	N	3	2000	1.1	UG/L	U
ASPA3A00F	A	SPA	19	1	COPPER	Y	3	2000	1	UG/L	U
ASPA4A00	A	SPA	19	1	COPPER	N	4	2000	1.1	UG/L	U
ASPA4A00F	A	SPA	19	1	COPPER	Y	4	2000	1	UG/L	U
ASPC1A00	A	SPC	20	1	COPPER	N	1	2000	1.1	UG/L	U
ASPC1A00F	A	SPC	20	1	COPPER	Y	1	2000	1.1	UG/L	U
ASPC2A00	A	SPC	20	1	COPPER	N	2	2000	1.1	UG/L	U
ASPC2A00F	A	SPC	20	1	COPPER	Y	2	2000	1	UG/L	U
ASPC3A00	A	SPC	20	1	COPPER	N	3	2000	1.1	UG/L	U
ASPC3A00F	A	SPC	20	1	COPPER	Y	3	2000	1	UG/L	U
ASPC4A00	A	SPC	20	1	COPPER	N	4	2000	1.1	UG/L	U
ASPC4A00F	A	SPC	20	1	COPPER	Y	4	2000	1	UG/L	U
DC021A00	D	C02	1	1	COPPER	N	1	2000	1.1	UG/L	U
DC021A00F	D	C02	1	1	COPPER	Y	1	2000	1.1	UG/L	U
DC023A00	D	C02	1	1	COPPER	N	3	2000	1.1	UG/L	U
DC023A00F	D	C02	1	1	COPPER	Y	3	2000	1	UG/L	U
DC031A00	D	C03	2	1	COPPER	N	1	2000	1.1	UG/L	U
DC031A00F	D	C03	2	1	COPPER	Y	1	2000	1.1	UG/L	U
DC033A00	D	C03	2	1	COPPER	N	3	2000	1.1	UG/L	U
DC033A00F	D	C03	2	1	COPPER	Y	3	2000	1	UG/L	U
DC03P21A00	D	C03P2	1	2	COPPER	N	1	2000	1.1	UG/L	U
DC03P21A00F	D	C03P2	1	2	COPPER	Y	1	2000	1.1	UG/L	U
DC03P23A00	D	C03P2	1	2	COPPER	N	3	2000	1.1	UG/L	U
DC03P23A00F	D	C03P2	1	2	COPPER	Y	3	2000	1	UG/L	U
DC041A00	D	C04	3	1	COPPER	N	1	2000	1.1	UG/L	U
DC041A00F	D	C04	3	1	COPPER	Y	1	2000	1.1	UG/L	U
DC043A00	D	C04	3	1	COPPER	N	3	2000	1.1	UG/L	U
DC043A00F	D	C04	3	1	COPPER	Y	3	2000	1	UG/L	U
DC04P21A00	D	C04P2	2	2	COPPER	N	1	2000	1.1	UG/L	U
DC04P21A00F	D	C04P2	2	2	COPPER	Y	1	2000	1.1	UG/L	U

Table 7.17. Raw Data for Copper. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC04P23A00	D	C04P2	2	2	COPPER	N	3	2000	2.5	UG/L	
DC04P23A00F	D	C04P2	2	2	COPPER	Y	3	2000	1	UG/L	U
DC051A00	D	C05	4	1	COPPER	N	1	2000	1.1	UG/L	U
DC051A00F	D	C05	4	1	COPPER	Y	1	2000	1.1	UG/L	U
DC053B00	D	C05	4	1	COPPER	N	3	2000	2.8	UG/L	
DC053B00F	D	C05	4	1	COPPER	Y	3	2000	2.4	UG/L	
DC061A00	D	C06	5	1	COPPER	N	1	2000	1.1	UG/L	U
DC061A00F	D	C06	5	1	COPPER	Y	1	2000	1.1	UG/L	U
DC063A00	D	C06	5	1	COPPER	N	3	2000	2.8	UG/L	
DC063A00F	D	C06	5	1	COPPER	Y	3	2000	2.4	UG/L	
DC06P21A00	D	C06P2	3	2	COPPER	N	1	2000	1.1	UG/L	U
DC06P21A00F	D	C06P2	3	2	COPPER	Y	1	2000	1.1	UG/L	U
DC06P23A00	D	C06P2	3	2	COPPER	N	3	2000	1.1	UG/L	U
DC06P23A00F	D	C06P2	3	2	COPPER	Y	3	2000	1	UG/L	U
DC071A00	D	C07	6	1	COPPER	N	1	2000	1.1	UG/L	U
DC071A00F	D	C07	6	1	COPPER	Y	1	2000	1.1	UG/L	U
DC073A00	D	C07	6	1	COPPER	N	3	2000	47.2	UG/L	
DC073A00F	D	C07	6	1	COPPER	Y	3	2000	2.2	UG/L	
DC081A00	D	C08	7	1	COPPER	N	1	2000	1.1	UG/L	U
DC081A00F	D	C08	7	1	COPPER	Y	1	2000	1.1	UG/L	U
DC083A00	D	C08	7	1	COPPER	N	3	2000	4.6	UG/L	
DC083A00F	D	C08	7	1	COPPER	Y	3	2000	3.2	UG/L	
DC08P21A00	D	C08P2	4	2	COPPER	N	1	2000	1.1	UG/L	U
DC08P21A00F	D	C08P2	4	2	COPPER	Y	1	2000	1.1	UG/L	U
DC08P23A00	D	C08P2	4	2	COPPER	N	3	2000	1	UG/L	U
DC08P23A00F	D	C08P2	4	2	COPPER	Y	3	2000	1	UG/L	U
FD01310001	D	C06	5	1	COPPER	N	1	2000	1.1	UG/L	U
FD01310001F	D	C06	5	1	COPPER	Y	1	2000	1.1	UG/L	U
FD02140001	D	C03P2	1	2	COPPER	N	1	2000	1.1	UG/L	U
FD02140001F	D	C03P2	1	2	COPPER	Y	1	2000	1.1	UG/L	U
FD02230001	O	C11P2	1	2	COPPER	N	1	2000	1.1	UG/L	U
FD02230001F	O	C11P2	1	2	COPPER	Y	1	2000	1.1	UG/L	U
FD02280001	O	C13	4	1	COPPER	N	1	2000	1.1	UG/L	U
FD02280001F	O	C13	4	1	COPPER	Y	1	2000	1.1	UG/L	U
FD03140001	A	SPC	20	1	COPPER	N	1	2000	1.1	UG/L	U
FD03140001F	A	SPC	20	1	COPPER	Y	1	2000	1.1	UG/L	U
FD03250001	A	C09P2	8	1	COPPER	N	1	2000	1.1	UG/L	U
FD03250001F	A	C09P2	8	1	COPPER	Y	1	2000	1.1	UG/L	U
FD03290001	A	SPA	19	1	COPPER	N	1	2000	1.1	UG/L	U
FD03290001F	A	SPA	19	1	COPPER	Y	1	2000	1.1	UG/L	U
FD04190001	O	C13P2	2	2	COPPER	N	2	2000	1.1	UG/L	U
FD04190001F	O	C13P2	2	2	COPPER	Y	2	2000	1.1	UG/L	U
FD05080001	O	C18	8	1	COPPER	N	2	2000	1.1	UG/L	U
FD05080001F	O	C18	8	1	COPPER	Y	2	2000	1.1	UG/L	U
FD06090001	A	CRA	21	1	COPPER	N	2	2000	1.1	UG/L	U

Table 7.17. Raw Data for Copper. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD06090001F	A	CRA	21	1	COPPER	Y	2	2000	1	UG/L	U
FD06230001	A	C10	9	1	COPPER	N	2	2000	1.1	UG/L	U
FD06230001F	A	C10	9	1	COPPER	Y	2	2000	1	UG/L	U
FD06280001	A	SPC	20	1	COPPER	N	2	2000	1.1	UG/L	U
FD06280001F	A	SPC	20	1	COPPER	Y	2	2000	1	UG/L	U
FD07290001	D	C05	4	1	COPPER	N	3	2000	3.1	UG/L	
FD07290001F	D	C05	4	1	COPPER	Y	3	2000	2.4	UG/L	
FD08090001	D	C02	1	1	COPPER	N	3	2000	1.1	UG/L	U
FD08090001F	D	C02	1	1	COPPER	Y	3	2000	1	UG/L	U
FD08250001	O	C14	5	1	COPPER	N	3	2000	1.1	UG/L	U
FD08250001F	O	C14	5	1	COPPER	Y	3	2000	1	UG/L	U
FD08300001	O	C18P2	4	2	COPPER	N	3	2000	1.1	UG/L	U
FD08300001F	O	C18P2	4	2	COPPER	Y	3	2000	1	UG/L	U
FD09130001	A	C12	11	1	COPPER	N	3	2000	1.1	UG/L	U
FD09130001F	A	C12	11	1	COPPER	Y	3	2000	1	UG/L	U
FD09200001	A	CRB	22	1	COPPER	N	3	2000	1.1	UG/L	U
FD09200001F	A	CRB	22	1	COPPER	Y	3	2000	1	UG/L	U
FD09290001	A	SPC	20	1	COPPER	N	3	2000	1.1	UG/L	U
FD09290001F	A	SPC	20	1	COPPER	Y	3	2000	1	UG/L	U
FD11190001	O	C14	5	1	COPPER	N	4	2000	1.1	UG/L	U
FD11190001F	O	C14	5	1	COPPER	Y	4	2000	1	UG/L	U
FD11200001	O	C13P2	2	2	COPPER	N	4	2000	1.1	UG/L	U
FD11200001F	O	C13P2	2	2	COPPER	Y	4	2000	1	UG/L	U
FD12010001	A	C09P2	8	1	COPPER	N	4	2000	1.1	UG/L	U
FD12010001F	A	C09P2	8	1	COPPER	Y	4	2000	1	UG/L	U
FD12120001	A	CRB	22	1	COPPER	N	4	2000	1.1	UG/L	U
FD12120001F	A	CRB	22	1	COPPER	Y	4	2000	1	UG/L	U
OC081A00	O	C08	1	1	COPPER	N	1	2000	1.1	UG/L	U
OC081A00F	O	C08	1	1	COPPER	Y	1	2000	1.1	UG/L	U
OC082A00	O	C08	1	1	COPPER	N	2	2000	2.4	UG/L	
OC082A00F	O	C08	1	1	COPPER	Y	2	2000	2.3	UG/L	
OC083A00	O	C08	1	1	COPPER	N	3	2000	4.2	UG/L	
OC083A00F	O	C08	1	1	COPPER	Y	3	2000	3.8	UG/L	
OC084A00	O	C08	1	1	COPPER	N	4	2000	1.1	UG/L	U
OC084A00F	O	C08	1	1	COPPER	Y	4	2000	1	UG/L	U
OC111A00	O	C11	2	1	COPPER	N	1	2000	3.8	UG/L	
OC111A00F	O	C11	2	1	COPPER	Y	1	2000	3.1	UG/L	
OC112A00	O	C11	2	1	COPPER	N	2	2000	1.1	UG/L	U
OC112A00F	O	C11	2	1	COPPER	Y	2	2000	1.1	UG/L	U
OC113A00	O	C11	2	1	COPPER	N	3	2000	1.1	UG/L	U
OC113A00F	O	C11	2	1	COPPER	Y	3	2000	1	UG/L	U
OC114A00	O	C11	2	1	COPPER	N	4	2000	1.1	UG/L	U
OC114A00F	O	C11	2	1	COPPER	Y	4	2000	1	UG/L	U
OC11P21A00	O	C11P2	1	2	COPPER	N	1	2000	1.1	UG/L	U
OC11P21A00F	O	C11P2	1	2	COPPER	Y	1	2000	1.1	UG/L	U

Table 7.17. Raw Data for Copper. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC11P22A00	O	C11P2	1	2	COPPER	N	2	2000	1.1	UG/L	U
OC11P22A00F	O	C11P2	1	2	COPPER	Y	2	2000	1.1	UG/L	U
OC11P23A00	O	C11P2	1	2	COPPER	N	3	2000	1.1	UG/L	U
OC11P23A00F	O	C11P2	1	2	COPPER	Y	3	2000	1	UG/L	U
OC11P24A00	O	C11P2	1	2	COPPER	N	4	2000	1.1	UG/L	U
OC11P24A00F	O	C11P2	1	2	COPPER	Y	4	2000	1	UG/L	U
OC121A00	O	C12	3	1	COPPER	N	1	2000	1.1	UG/L	U
OC121A00F	O	C12	3	1	COPPER	Y	1	2000	1.1	UG/L	U
OC122A00	O	C12	3	1	COPPER	N	2	2000	1.1	UG/L	U
OC122A00F	O	C12	3	1	COPPER	Y	2	2000	1.1	UG/L	U
OC123A00	O	C12	3	1	COPPER	N	3	2000	1.1	UG/L	U
OC123A00F	O	C12	3	1	COPPER	Y	3	2000	1	UG/L	U
OC124A00	O	C12	3	1	COPPER	N	4	2000	1.1	UG/L	U
OC124A00F	O	C12	3	1	COPPER	Y	4	2000	1	UG/L	U
OC131A00	O	C13	4	1	COPPER	N	1	2000	1.1	UG/L	U
OC131A00F	O	C13	4	1	COPPER	Y	1	2000	1.1	UG/L	U
OC132A00	O	C13	4	1	COPPER	N	2	2000	1.1	UG/L	U
OC132A00F	O	C13	4	1	COPPER	Y	2	2000	1.1	UG/L	U
OC133A00	O	C13	4	1	COPPER	N	3	2000	1.1	UG/L	U
OC133A00F	O	C13	4	1	COPPER	Y	3	2000	1	UG/L	U
OC134A00	O	C13	4	1	COPPER	N	4	2000	1.1	UG/L	U
OC134A00F	O	C13	4	1	COPPER	Y	4	2000	1	UG/L	U
OC13P21A00	O	C13P2	2	2	COPPER	N	1	2000	1.1	UG/L	U
OC13P21A00F	O	C13P2	2	2	COPPER	Y	1	2000	1.1	UG/L	U
OC13P22A00	O	C13P2	2	2	COPPER	N	2	2000	1.1	UG/L	U
OC13P22A00F	O	C13P2	2	2	COPPER	Y	2	2000	1.1	UG/L	U
OC13P23A00	O	C13P2	2	2	COPPER	N	3	2000	1.1	UG/L	U
OC13P23A00F	O	C13P2	2	2	COPPER	Y	3	2000	1	UG/L	U
OC13P24A00	O	C13P2	2	2	COPPER	N	4	2000	1.1	UG/L	U
OC13P24A00F	O	C13P2	2	2	COPPER	Y	4	2000	1	UG/L	U
OC141A00	O	C14	5	1	COPPER	N	1	2000	1.1	UG/L	U
OC141A00F	O	C14	5	1	COPPER	Y	1	2000	1.1	UG/L	U
OC142A00	O	C14	5	1	COPPER	N	2	2000	1.1	UG/L	U
OC143A00	O	C14	5	1	COPPER	N	3	2000	1.1	UG/L	U
OC143A00F	O	C14	5	1	COPPER	Y	3	2000	1	UG/L	U
OC144A00	O	C14	5	1	COPPER	N	4	2000	1.1	UG/L	U
OC144A00F	O	C14	5	1	COPPER	Y	4	2000	1	UG/L	U
OC14P21A00	O	C14P2	3	2	COPPER	N	1	2000	1.1	UG/L	U
OC14P21A00F	O	C14P2	3	2	COPPER	Y	1	2000	1.1	UG/L	U
OC14P22A00	O	C14P2	3	2	COPPER	N	2	2000	1.1	UG/L	U
OC14P22A00F	O	C14P2	3	2	COPPER	Y	2	2000	1.1	UG/L	U
OC14P23A00	O	C14P2	3	2	COPPER	N	3	2000	1.1	UG/L	U
OC14P23A00F	O	C14P2	3	2	COPPER	Y	3	2000	1	UG/L	U
OC14P24A00	O	C14P2	3	2	COPPER	N	4	2000	1.1	UG/L	U
OC14P24A00F	O	C14P2	3	2	COPPER	Y	4	2000	1	UG/L	U

Table 7.17. Raw Data for Copper. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC151A00	O	C15	6	1	COPPER	N	1	2000	1.1	UG/L	U
OC151A00F	O	C15	6	1	COPPER	Y	1	2000	1.1	UG/L	U
OC152A00	O	C15	6	1	COPPER	N	2	2000	1.1	UG/L	U
OC152A00F	O	C15	6	1	COPPER	Y	2	2000	1.1	UG/L	U
OC153A00	O	C15	6	1	COPPER	N	3	2000	1.1	UG/L	U
OC153A00F	O	C15	6	1	COPPER	Y	3	2000	1	UG/L	U
OC154A00	O	C15	6	1	COPPER	N	4	2000	1.1	UG/L	U
OC154A00F	O	C15	6	1	COPPER	Y	4	2000	1	UG/L	U
OC161A00	O	C16	7	1	COPPER	N	1	2000	1.1	UG/L	U
OC161A00F	O	C16	7	1	COPPER	Y	1	2000	1.1	UG/L	U
OC162A00	O	C16	7	1	COPPER	N	2	2000	1.1	UG/L	U
OC162A00F	O	C16	7	1	COPPER	Y	2	2000	1.1	UG/L	U
OC163A00	O	C16	7	1	COPPER	N	3	2000	3	UG/L	
OC163A00F	O	C16	7	1	COPPER	Y	3	2000	3.1	UG/L	
OC164A00	O	C16	7	1	COPPER	N	4	2000	1.1	UG/L	U
OC164A00F	O	C16	7	1	COPPER	Y	4	2000	1	UG/L	U
OC181A00	O	C18	8	1	COPPER	N	1	2000	1.1	UG/L	U
OC181A00F	O	C18	8	1	COPPER	Y	1	2000	1.1	UG/L	U
OC182A00	O	C18	8	1	COPPER	N	2	2000	1.1	UG/L	U
OC182A00F	O	C18	8	1	COPPER	Y	2	2000	1.1	UG/L	U
OC183A00	O	C18	8	1	COPPER	N	3	2000	1.1	UG/L	U
OC183A00F	O	C18	8	1	COPPER	Y	3	2000	1	UG/L	U
OC184A00	O	C18	8	1	COPPER	N	4	2000	1.1	UG/L	U
OC184A00F	O	C18	8	1	COPPER	Y	4	2000	1	UG/L	U
OC18P21A00	O	C18P2	4	2	COPPER	N	1	2000	1.1	UG/L	U
OC18P21A00F	O	C18P2	4	2	COPPER	Y	1	2000	1.1	UG/L	U
OC18P22A00	O	C18P2	4	2	COPPER	N	2	2000	1.1	UG/L	U
OC18P22A00F	O	C18P2	4	2	COPPER	Y	2	2000	1.1	UG/L	U
OC18P23A00	O	C18P2	4	2	COPPER	N	3	2000	1.1	UG/L	U
OC18P23A00F	O	C18P2	4	2	COPPER	Y	3	2000	1	UG/L	U
OC18P24A00	O	C18P2	4	2	COPPER	N	4	2000	1.1	UG/L	U
OC18P24A00F	O	C18P2	4	2	COPPER	Y	4	2000	1	UG/L	U
OC191A00	O	C19	9	1	COPPER	N	1	2000	1.1	UG/L	U
OC191A00F	O	C19	9	1	COPPER	Y	1	2000	1.1	UG/L	U
OC192A00	O	C19	9	1	COPPER	N	2	2000	1.1	UG/L	U
OC192A00F	O	C19	9	1	COPPER	Y	2	2000	1	UG/L	U
OC193A00	O	C19	9	1	COPPER	N	3	2000	1.1	UG/L	U
OC193A00F	O	C19	9	1	COPPER	Y	3	2000	1	UG/L	U
OC194A00	O	C19	9	1	COPPER	N	4	2000	1.1	UG/L	U
OC194A00F	O	C19	9	1	COPPER	Y	4	2000	1	UG/L	U
OC19P21A00	O	C19P2	5	2	COPPER	N	1	2000	1.1	UG/L	U
OC19P21A00F	O	C19P2	5	2	COPPER	Y	1	2000	1.1	UG/L	U
OC19P22100F	O	C19P2	5	2	COPPER	Y	2	2000	1	UG/L	U
OC19P22A00	O	C19P2	5	2	COPPER	N	2	2000	1.1	UG/L	U
OC19P23A00	O	C19P2	5	2	COPPER	N	3	2000	1.1	UG/L	U

Table 7.17. Raw Data for Copper. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC19P23A00F	O	C19P2	5	2	COPPER	Y	3	2000	1	UG/L	U
OC19P24A00	O	C19P2	5	2	COPPER	N	4	2000	1.1	UG/L	U
OC19P24A00F	O	C19P2	5	2	COPPER	Y	4	2000	1	UG/L	U

Table 7.18. Raw Data for Iron.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	IRON	N	1	2000	14000	UG/L	
AB022A00	A	B02	1	1	IRON	N	2	2000	13700	UG/L	
AB023A00	A	B02	1	1	IRON	N	3	2000	12900	UG/L	
AB024A00	A	B02	1	1	IRON	N	4	2000	13300	UG/L	
AB041A00	A	B04	2	1	IRON	N	1	2000	7400	UG/L	
AB042A00	A	B04	2	1	IRON	N	2	2000	7490	UG/L	
AB043A00	A	B04	2	1	IRON	N	3	2000	8120	UG/L	
AB044A00	A	B04	2	1	IRON	N	4	2000	7880	UG/L	
AC02P23A00	A	C02P2	3	1	IRON	N	3	2000	245	UG/L	
AC02P24A00	A	C02P2	3	1	IRON	N	4	2000	211	UG/L	
AC031A00	A	C03	4	1	IRON	N	1	2000	55.5	UG/L	U
AC031A00F	A	C03	4	1	IRON	Y	1	2000	55.5	UG/L	U
AC032A00	A	C03	4	1	IRON	N	2	2000	55.5	UG/L	U
AC033A00	A	C03	4	1	IRON	N	3	2000	55.5	UG/L	U
AC034A00	A	C03	4	1	IRON	N	4	2000	55.5	UG/L	U
AC041A00	A	C04	5	1	IRON	N	1	2000	289	UG/L	
AC042A00	A	C04	5	1	IRON	N	2	2000	55.5	UG/L	U
AC043A00	A	C04	5	1	IRON	N	3	2000	55.5	UG/L	U
AC044A00	A	C04	5	1	IRON	N	4	2000	454	UG/L	
AC101A00	A	C10	9	1	IRON	N	1	2000	55.5	UG/L	U
AC102A00	A	C10	9	1	IRON	N	2	2000	55.5	UG/L	U
AC103A00	A	C10	9	1	IRON	N	3	2000	236	UG/L	
AC104A00	A	C10	9	1	IRON	N	4	2000	258	UG/L	
AC111A00	A	C11	10	1	IRON	N	1	2000	55.5	UG/L	U
AC112A00	A	C11	10	1	IRON	N	2	2000	55.5	UG/L	U
AC113A00	A	C11	10	1	IRON	N	3	2000	577	UG/L	
AC114A00	A	C11	10	1	IRON	N	4	2000	527	UG/L	
AC121A00	A	C12	11	1	IRON	N	1	2000	55.5	UG/L	U
AC122A00	A	C12	11	1	IRON	N	2	2000	149	UG/L	
AC123A00	A	C12	11	1	IRON	N	3	2000	241	UG/L	
AC124A00	A	C12	11	1	IRON	N	4	2000	318	UG/L	
AC152A00	A	C15	12	1	IRON	N	2	2000	423	UG/L	
AC174A00	A	C17	13	1	IRON	N	4	2000	1700	UG/L	
AC251A00	A	C25	15	1	IRON	N	1	2000	146	UG/L	
AC252A00	A	C25	15	1	IRON	N	2	2000	118	UG/L	
AC253A00	A	C25	15	1	IRON	N	3	2000	408	UG/L	
AC254A00	A	C25	15	1	IRON	N	4	2000	414	UG/L	
AC302A00	A	C30	18	1	IRON	N	2	2000	55.5	UG/L	U

Table 7.18. Raw Data for Iron. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC303A00	A	C30	18	1	IRON	N	3	2000	132	UG/L	
ACRA1A00	A	CRA	21	1	IRON	N	1	2000	55.5	UG/L	U
ACRA2A00	A	CRA	21	1	IRON	N	2	2000	55.5	UG/L	U
ACRA3A00	A	CRA	21	1	IRON	N	3	2000	111	UG/L	
ACRA4A00	A	CRA	21	1	IRON	N	4	2000	202	UG/L	
ACRB1A00	A	CRB	22	1	IRON	N	1	2000	55.5	UG/L	U
ACRB2A00	A	CRB	22	1	IRON	N	2	2000	55.5	UG/L	U
ACRB3A00	A	CRB	22	1	IRON	N	3	2000	133	UG/L	
ACRB4A00	A	CRB	22	1	IRON	N	4	2000	435	UG/L	
ASPA1A00	A	SPA	19	1	IRON	N	1	2000	55.5	UG/L	U
ASPA2A00	A	SPA	19	1	IRON	N	2	2000	125	UG/L	
ASPA3A00	A	SPA	19	1	IRON	N	3	2000	182	UG/L	
ASPA4A00	A	SPA	19	1	IRON	N	4	2000	224	UG/L	
ASPC1A00	A	SPC	20	1	IRON	N	1	2000	55.5	UG/L	U
ASPC2A00	A	SPC	20	1	IRON	N	2	2000	123	UG/L	
ASPC3A00	A	SPC	20	1	IRON	N	3	2000	217	UG/L	
ASPC4A00	A	SPC	20	1	IRON	N	4	2000	197	UG/L	
FD03140001	A	SPC	20	1	IRON	N	1	2000	55.5	UG/L	U
FD03290001	A	SPA	19	1	IRON	N	1	2000	164	UG/L	
FD05080001	O	C18	8	1	IRON	N	2	2000	3520	UG/L	
FD06090001	A	CRA	21	1	IRON	N	2	2000	55.5	UG/L	U
FD06230001	A	C10	9	1	IRON	N	2	2000	55.5	UG/L	U
FD06280001	A	SPC	20	1	IRON	N	2	2000	55.5	UG/L	U
FD09130001	A	C12	11	1	IRON	N	3	2000	606	UG/L	
FD09200001	A	CRB	22	1	IRON	N	3	2000	126	UG/L	
FD09290001	A	SPC	20	1	IRON	N	3	2000	241	UG/L	
FD12120001	A	CRB	22	1	IRON	N	4	2000	468	UG/L	
OC082A00	O	C08	1	1	IRON	N	2	2000	1020	UG/L	
OC112A00	O	C11	2	1	IRON	N	2	2000	904	UG/L	
OC11P22A00	O	C11P2	1	2	IRON	N	2	2000	572	UG/L	
OC121A00	O	C12	3	1	IRON	N	1	2000	609	UG/L	
OC151A00	O	C15	6	1	IRON	N	1	2000	462	UG/L	
OC162A00	O	C16	7	1	IRON	N	2	2000	55.5	UG/L	U
OC163A00	O	C16	7	1	IRON	N	3	2000	55.5	UG/L	U
OC182A00	O	C18	8	1	IRON	N	2	2000	3520	UG/L	
OC18P22A00	O	C18P2	4	2	IRON	N	2	2000	64500	UG/L	
OC192A00	O	C19	9	1	IRON	N	2	2000	1410	UG/L	
OC19P22A00	O	C19P2	5	2	IRON	N	2	2000	4690	UG/L	

Table 7.19. Raw Data for Magnesium.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00F	A	B02	1	1	MAGNESIUM	Y	1	2000	5670	UG/L	
AB022A00F	A	B02	1	1	MAGNESIUM	Y	2	2000	6270	UG/L	
AB023A00F	A	B02	1	1	MAGNESIUM	Y	3	2000	5580	UG/L	
AB041A00F	A	B04	2	1	MAGNESIUM	Y	1	2000	3720	UG/L	
AB042A00F	A	B04	2	1	MAGNESIUM	Y	2	2000	3730	UG/L	
AB043A00F	A	B04	2	1	MAGNESIUM	Y	3	2000	3320	UG/L	
AC02P21A00F	A	C02P2	3	1	MAGNESIUM	Y	1	2000	14000	UG/L	
AC02P22A00F	A	C02P2	3	1	MAGNESIUM	Y	2	2000	16800	UG/L	
AC02P23A00F	A	C02P2	3	1	MAGNESIUM	Y	3	2000	13700	UG/L	
AC031A00F	A	C03	4	1	MAGNESIUM	Y	1	2000	555	UG/L	U
AC032A00F	A	C03	4	1	MAGNESIUM	Y	2	2000	500	UG/L	U
AC033A00F	A	C03	4	1	MAGNESIUM	Y	3	2000	500	UG/L	U
AC041A00F	A	C04	5	1	MAGNESIUM	Y	1	2000	183000	UG/L	
AC042A00F	A	C04	5	1	MAGNESIUM	Y	2	2000	190000	UG/L	
AC043A00F	A	C04	5	1	MAGNESIUM	Y	3	2000	171000	UG/L	
AC071A00F	A	C07	6	1	MAGNESIUM	Y	1	2000	43800	UG/L	
AC072A00F	A	C07	6	1	MAGNESIUM	Y	2	2000	46700	UG/L	
AC073A00F	A	C07	6	1	MAGNESIUM	Y	3	2000	39700	UG/L	
AC08P21A00F	A	C08P2	7	1	MAGNESIUM	Y	1	2000	37000	UG/L	
AC08P22A00F	A	C08P2	7	1	MAGNESIUM	Y	2	2000	39100	UG/L	
AC08P23A00F	A	C08P2	7	1	MAGNESIUM	Y	3	2000	36000	UG/L	
AC09P21A00F	A	C09P2	8	1	MAGNESIUM	Y	1	2000	14500	UG/L	
AC09P22A00F	A	C09P2	8	1	MAGNESIUM	Y	2	2000	14600	UG/L	
AC09P23A00F	A	C09P2	8	1	MAGNESIUM	Y	3	2000	12600	UG/L	
AC101A00F	A	C10	9	1	MAGNESIUM	Y	1	2000	11400	UG/L	
AC102A00F	A	C10	9	1	MAGNESIUM	Y	2	2000	12300	UG/L	
AC103A00F	A	C10	9	1	MAGNESIUM	Y	3	2000	10600	UG/L	
AC111A00F	A	C11	10	1	MAGNESIUM	Y	1	2000	112000	UG/L	
AC112A00F	A	C11	10	1	MAGNESIUM	Y	2	2000	117000	UG/L	
AC113A00F	A	C11	10	1	MAGNESIUM	Y	3	2000	97400	UG/L	
AC121A00F	A	C12	11	1	MAGNESIUM	Y	1	2000	6510	UG/L	
AC122A00F	A	C12	11	1	MAGNESIUM	Y	2	2000	7310	UG/L	
AC123A00F	A	C12	11	1	MAGNESIUM	Y	3	2000	9400	UG/L	
AC151A00F	A	C15	12	1	MAGNESIUM	Y	1	2000	44300	UG/L	
AC152A00F	A	C15	12	1	MAGNESIUM	Y	2	2000	45500	UG/L	
AC153A00F	A	C15	12	1	MAGNESIUM	Y	3	2000	40300	UG/L	
AC171A00F	A	C17	13	1	MAGNESIUM	Y	1	2000	178000	UG/L	
AC172A00F	A	C17	13	1	MAGNESIUM	Y	2	2000	187000	UG/L	
AC173A00F	A	C17	13	1	MAGNESIUM	Y	3	2000	158000	UG/L	
AC201A00F	A	C20	14	1	MAGNESIUM	Y	1	2000	30200	UG/L	
AC202A00F	A	C20	14	1	MAGNESIUM	Y	2	2000	30900	UG/L	
AC203A00F	A	C20	14	1	MAGNESIUM	Y	3	2000	27300	UG/L	
AC251A00F	A	C25	15	1	MAGNESIUM	Y	1	2000	58600	UG/L	
AC252A00F	A	C25	15	1	MAGNESIUM	Y	2	2000	60100	UG/L	

Table 7.19. Raw Data for Magnesium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC253A00F	A	C25	15	1	MAGNESIUM	Y	3	2000	51400	UG/L	
AC261A00F	A	C26	16	1	MAGNESIUM	Y	1	2000	49100	UG/L	
AC262A00F	A	C26	16	1	MAGNESIUM	Y	2	2000	52200	UG/L	
AC263A00F	A	C26	16	1	MAGNESIUM	Y	3	2000	44100	UG/L	
AC271A00F	A	C27	17	1	MAGNESIUM	Y	1	2000	3090	UG/L	
AC272A00F	A	C27	17	1	MAGNESIUM	Y	2	2000	3310	UG/L	
AC273A00F	A	C27	17	1	MAGNESIUM	Y	3	2000	3010	UG/L	
AC301A00F	A	C30	18	1	MAGNESIUM	Y	1	2000	30800	UG/L	
AC302A00F	A	C30	18	1	MAGNESIUM	Y	2	2000	35400	UG/L	
AC303A00F	A	C30	18	1	MAGNESIUM	Y	3	2000	31500	UG/L	
ACRA1A00F	A	CRA	21	1	MAGNESIUM	Y	1	2000	5200	UG/L	
ACRA2A00F	A	CRA	21	1	MAGNESIUM	Y	2	2000	8570	UG/L	
ACRA3A00F	A	CRA	21	1	MAGNESIUM	Y	3	2000	7600	UG/L	
ACRB1A00F	A	CRB	22	1	MAGNESIUM	Y	1	2000	5760	UG/L	
ACRB2A00F	A	CRB	22	1	MAGNESIUM	Y	2	2000	7600	UG/L	
ACRB3A00F	A	CRB	22	1	MAGNESIUM	Y	3	2000	6940	UG/L	
ASPA1A00F	A	SPA	19	1	MAGNESIUM	Y	1	2000	5720	UG/L	
ASPA2A00F	A	SPA	19	1	MAGNESIUM	Y	2	2000	6610	UG/L	
ASPA3A00F	A	SPA	19	1	MAGNESIUM	Y	3	2000	6380	UG/L	
ASPC1A00F	A	SPC	20	1	MAGNESIUM	Y	1	2000	5020	UG/L	
ASPC2A00F	A	SPC	20	1	MAGNESIUM	Y	2	2000	5830	UG/L	
ASPC3A00F	A	SPC	20	1	MAGNESIUM	Y	3	2000	5030	UG/L	
DC021A00F	D	C02	1	1	MAGNESIUM	Y	1	2000	14000	UG/L	
DC041A00F	D	C04	3	1	MAGNESIUM	Y	1	2000	19700	UG/L	
DC04P21A00F	D	C04P2	2	2	MAGNESIUM	Y	1	2000	35500	UG/L	
DC051A00F	D	C05	4	1	MAGNESIUM	Y	1	2000	2610	UG/L	
DC061A00F	D	C06	5	1	MAGNESIUM	Y	1	2000	2980	UG/L	
DC06P21A00F	D	C06P2	3	2	MAGNESIUM	Y	1	2000	4240	UG/L	
DC071A00	D	C07	6	1	MAGNESIUM	N	1	2000	4570	UG/L	
DC071A00F	D	C07	6	1	MAGNESIUM	Y	1	2000	4510	UG/L	
FD01310001F	D	C06	5	1	MAGNESIUM	Y	1	2000	2960	UG/L	
FD02280001F	O	C13	4	1	MAGNESIUM	Y	1	2000	5220	UG/L	
FD03140001F	A	SPC	20	1	MAGNESIUM	Y	1	2000	5010	UG/L	
FD03250001F	A	C09P2	8	1	MAGNESIUM	Y	1	2000	14300	UG/L	
FD03290001F	A	SPA	19	1	MAGNESIUM	Y	1	2000	5780	UG/L	
FD06090001F	A	CRA	21	1	MAGNESIUM	Y	2	2000	8680	UG/L	
FD06230001F	A	C10	9	1	MAGNESIUM	Y	2	2000	12200	UG/L	
FD06280001F	A	SPC	20	1	MAGNESIUM	Y	2	2000	5770	UG/L	
FD09130001F	A	C12	11	1	MAGNESIUM	Y	3	2000	9280	UG/L	
FD09200001F	A	CRB	22	1	MAGNESIUM	Y	3	2000	6820	UG/L	
FD09290001F	A	SPC	20	1	MAGNESIUM	Y	3	2000	5090	UG/L	
OC081A00F	O	C08	1	1	MAGNESIUM	Y	1	2000	555	UG/L	U
OC111A00F	O	C11	2	1	MAGNESIUM	Y	1	2000	2340	UG/L	
OC121A00F	O	C12	3	1	MAGNESIUM	Y	1	2000	13800	UG/L	
OC131A00F	O	C13	4	1	MAGNESIUM	Y	1	2000	6480	UG/L	

Table 7.19. Raw Data for Magnesium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC13P21A00F	O	C13P2	2	2	MAGNESIUM	Y	1	2000	6600	UG/L	
OC141A00F	O	C14	5	1	MAGNESIUM	Y	1	2000	6010	UG/L	
OC14P21A00F	O	C14P2	3	2	MAGNESIUM	Y	1	2000	3670	UG/L	
OC151A00F	O	C15	6	1	MAGNESIUM	Y	1	2000	9360	UG/L	
OC191A00F	O	C19	9	1	MAGNESIUM	Y	1	2000	6510	UG/L	

Table 7.20. Raw Data for Manganese.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	MANGANESE	N	1	2000	1350	UG/L	
AB021A00F	A	B02	1	1	MANGANESE	Y	1	2000	1300	UG/L	
AB022A00	A	B02	1	1	MANGANESE	N	2	2000	1390	UG/L	
AB022A00F	A	B02	1	1	MANGANESE	Y	2	2000	1430	UG/L	
AB023A00	A	B02	1	1	MANGANESE	N	3	2000	1370	UG/L	
AB023A00F	A	B02	1	1	MANGANESE	Y	3	2000	1250	UG/L	
AB024A00	A	B02	1	1	MANGANESE	N	4	2000	1280	UG/L	
AB024A00F	A	B02	1	1	MANGANESE	Y	4	2000	1120	UG/L	
AB041A00	A	B04	2	1	MANGANESE	N	1	2000	1710	UG/L	
AB041A00F	A	B04	2	1	MANGANESE	Y	1	2000	1780	UG/L	
AB042A00	A	B04	2	1	MANGANESE	N	2	2000	1760	UG/L	
AB042A00F	A	B04	2	1	MANGANESE	Y	2	2000	1760	UG/L	
AB043A00	A	B04	2	1	MANGANESE	N	3	2000	1950	UG/L	
AB043A00F	A	B04	2	1	MANGANESE	Y	3	2000	1650	UG/L	
AB044A00	A	B04	2	1	MANGANESE	N	4	2000	1570	UG/L	
AB044A00F	A	B04	2	1	MANGANESE	Y	4	2000	1370	UG/L	
AC02P21A00	A	C02P2	3	1	MANGANESE	N	1	2000	8.35	UG/L	U
AC02P21A00F	A	C02P2	3	1	MANGANESE	Y	1	2000	8.5	UG/L	U
AC02P22A00	A	C02P2	3	1	MANGANESE	N	2	2000	8.35	UG/L	U
AC02P22A00F	A	C02P2	3	1	MANGANESE	Y	2	2000	7.5	UG/L	U
AC02P23A00	A	C02P2	3	1	MANGANESE	N	3	2000	8.35	UG/L	U
AC02P23A00F	A	C02P2	3	1	MANGANESE	Y	3	2000	7.5	UG/L	U
AC02P24A00	A	C02P2	3	1	MANGANESE	N	4	2000	8.35	UG/L	U
AC02P24A00F	A	C02P2	3	1	MANGANESE	Y	4	2000	7.5	UG/L	U
AC031A00	A	C03	4	1	MANGANESE	N	1	2000	8.35	UG/L	U
AC031A00F	A	C03	4	1	MANGANESE	Y	1	2000	8.35	UG/L	U
AC032A00	A	C03	4	1	MANGANESE	N	2	2000	8.35	UG/L	U
AC032A00F	A	C03	4	1	MANGANESE	Y	2	2000	7.5	UG/L	U
AC033A00	A	C03	4	1	MANGANESE	N	3	2000	8.35	UG/L	U
AC033A00F	A	C03	4	1	MANGANESE	Y	3	2000	7.5	UG/L	U
AC034A00	A	C03	4	1	MANGANESE	N	4	2000	8.35	UG/L	U
AC034A00F	A	C03	4	1	MANGANESE	Y	4	2000	7.5	UG/L	U
AC041A00	A	C04	5	1	MANGANESE	N	1	2000	617	UG/L	
AC041A00F	A	C04	5	1	MANGANESE	Y	1	2000	303	UG/L	
AC042A00	A	C04	5	1	MANGANESE	N	2	2000	177	UG/L	
AC042A00F	A	C04	5	1	MANGANESE	Y	2	2000	150	UG/L	

Table 7.20. Raw Data for Manganese. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC043A00	A	C04	5	1	MANGANESE	N	3	2000	8.35	UG/L	U
AC043A00F	A	C04	5	1	MANGANESE	Y	3	2000	122	UG/L	
AC044A00	A	C04	5	1	MANGANESE	N	4	2000	82.6	UG/L	
AC044A00F	A	C04	5	1	MANGANESE	Y	4	2000	146	UG/L	
AC071A00	A	C07	6	1	MANGANESE	N	1	2000	8.35	UG/L	U
AC071A00F	A	C07	6	1	MANGANESE	Y	1	2000	8.35	UG/L	U
AC072A00	A	C07	6	1	MANGANESE	N	2	2000	8.35	UG/L	U
AC072A00F	A	C07	6	1	MANGANESE	Y	2	2000	7.5	UG/L	U
AC073A00	A	C07	6	1	MANGANESE	N	3	2000	8.35	UG/L	U
AC073A00F	A	C07	6	1	MANGANESE	Y	3	2000	7.5	UG/L	U
AC074A00	A	C07	6	1	MANGANESE	N	4	2000	8.35	UG/L	U
AC074A00F	A	C07	6	1	MANGANESE	Y	4	2000	7.5	UG/L	U
AC08P21A00	A	C08P2	7	1	MANGANESE	N	1	2000	8.35	UG/L	U
AC08P21A00F	A	C08P2	7	1	MANGANESE	Y	1	2000	8.35	UG/L	U
AC08P22A00	A	C08P2	7	1	MANGANESE	N	2	2000	8.35	UG/L	U
AC08P22A00F	A	C08P2	7	1	MANGANESE	Y	2	2000	7.5	UG/L	U
AC08P23A00	A	C08P2	7	1	MANGANESE	N	3	2000	245	UG/L	
AC08P23A00F	A	C08P2	7	1	MANGANESE	Y	3	2000	7.5	UG/L	U
AC08P24A00	A	C08P2	7	1	MANGANESE	N	4	2000	8.35	UG/L	U
AC08P24A00F	A	C08P2	7	1	MANGANESE	Y	4	2000	7.5	UG/L	U
AC09P21A00	A	C09P2	8	1	MANGANESE	N	1	2000	22.2	UG/L	
AC09P21A00F	A	C09P2	8	1	MANGANESE	Y	1	2000	8.35	UG/L	U
AC09P22A00	A	C09P2	8	1	MANGANESE	N	2	2000	22.6	UG/L	
AC09P22A00F	A	C09P2	8	1	MANGANESE	Y	2	2000	7.5	UG/L	U
AC09P23A00	A	C09P2	8	1	MANGANESE	N	3	2000	34.4	UG/L	
AC09P23A00F	A	C09P2	8	1	MANGANESE	Y	3	2000	7.5	UG/L	U
AC09P24A00	A	C09P2	8	1	MANGANESE	N	4	2000	8.35	UG/L	U
AC09P24A00F	A	C09P2	8	1	MANGANESE	Y	4	2000	7.5	UG/L	U
AC101A00	A	C10	9	1	MANGANESE	N	1	2000	8.35	UG/L	U
AC101A00F	A	C10	9	1	MANGANESE	Y	1	2000	8.35	UG/L	U
AC102A00	A	C10	9	1	MANGANESE	N	2	2000	8.35	UG/L	U
AC102A00F	A	C10	9	1	MANGANESE	Y	2	2000	7.5	UG/L	U
AC103A00	A	C10	9	1	MANGANESE	N	3	2000	8.35	UG/L	U
AC103A00F	A	C10	9	1	MANGANESE	Y	3	2000	7.5	UG/L	U
AC104A00	A	C10	9	1	MANGANESE	N	4	2000	8.35	UG/L	U
AC104A00F	A	C10	9	1	MANGANESE	Y	4	2000	7.5	UG/L	U
AC111A00	A	C11	10	1	MANGANESE	N	1	2000	8.35	UG/L	U
AC111A00F	A	C11	10	1	MANGANESE	Y	1	2000	8.35	UG/L	U
AC112A00	A	C11	10	1	MANGANESE	N	2	2000	8.35	UG/L	U
AC112A00F	A	C11	10	1	MANGANESE	Y	2	2000	7.5	UG/L	U
AC113A00	A	C11	10	1	MANGANESE	N	3	2000	8.35	UG/L	U
AC113A00F	A	C11	10	1	MANGANESE	Y	3	2000	7.5	UG/L	U
AC114A00	A	C11	10	1	MANGANESE	N	4	2000	8.35	UG/L	U
AC114A00F	A	C11	10	1	MANGANESE	Y	4	2000	7.5	UG/L	U
AC121A00	A	C12	11	1	MANGANESE	N	1	2000	8.35	UG/L	U

Table 7.20. Raw Data for Manganese. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC121A00F	A	C12	11	1	MANGANESE	Y	1	2000	8.35	UG/L	U
AC122A00	A	C12	11	1	MANGANESE	N	2	2000	8.35	UG/L	U
AC122A00F	A	C12	11	1	MANGANESE	Y	2	2000	7.5	UG/L	U
AC123A00	A	C12	11	1	MANGANESE	N	3	2000	29.9	UG/L	
AC123A00F	A	C12	11	1	MANGANESE	Y	3	2000	7.5	UG/L	U
AC124A00	A	C12	11	1	MANGANESE	N	4	2000	8.35	UG/L	U
AC124A00F	A	C12	11	1	MANGANESE	Y	4	2000	7.5	UG/L	U
AC151A00	A	C15	12	1	MANGANESE	N	1	2000	34.9	UG/L	
AC151A00F	A	C15	12	1	MANGANESE	Y	1	2000	35.2	UG/L	
AC152A00	A	C15	12	1	MANGANESE	N	2	2000	34.1	UG/L	
AC152A00F	A	C15	12	1	MANGANESE	Y	2	2000	36.5	UG/L	
AC153A00	A	C15	12	1	MANGANESE	N	3	2000	39.5	UG/L	
AC153A00F	A	C15	12	1	MANGANESE	Y	3	2000	34.3	UG/L	
AC154A00	A	C15	12	1	MANGANESE	N	4	2000	33.2	UG/L	
AC154A00F	A	C15	12	1	MANGANESE	Y	4	2000	31.8	UG/L	
AC171A00	A	C17	13	1	MANGANESE	N	1	2000	117	UG/L	
AC171A00F	A	C17	13	1	MANGANESE	Y	1	2000	112	UG/L	
AC172A00	A	C17	13	1	MANGANESE	N	2	2000	105	UG/L	
AC172A00F	A	C17	13	1	MANGANESE	Y	2	2000	99.4	UG/L	
AC173A00	A	C17	13	1	MANGANESE	N	3	2000	113	UG/L	
AC173A00F	A	C17	13	1	MANGANESE	Y	3	2000	95.5	UG/L	
AC174A00	A	C17	13	1	MANGANESE	N	4	2000	97.6	UG/L	
AC174A00F	A	C17	13	1	MANGANESE	Y	4	2000	97	UG/L	
AC201A00	A	C20	14	1	MANGANESE	N	1	2000	8.35	UG/L	U
AC201A00F	A	C20	14	1	MANGANESE	Y	1	2000	8.35	UG/L	U
AC202A00	A	C20	14	1	MANGANESE	N	2	2000	8.35	UG/L	U
AC202A00F	A	C20	14	1	MANGANESE	Y	2	2000	7.5	UG/L	U
AC203A00	A	C20	14	1	MANGANESE	N	3	2000	8.35	UG/L	U
AC203A00F	A	C20	14	1	MANGANESE	Y	3	2000	7.5	UG/L	U
AC204A00	A	C20	14	1	MANGANESE	N	4	2000	8.35	UG/L	U
AC204A00F	A	C20	14	1	MANGANESE	Y	4	2000	7.5	UG/L	U
AC251A00	A	C25	15	1	MANGANESE	N	1	2000	24.7	UG/L	
AC251A00F	A	C25	15	1	MANGANESE	Y	1	2000	23.7	UG/L	
AC252A00	A	C25	15	1	MANGANESE	N	2	2000	21.1	UG/L	
AC252A00F	A	C25	15	1	MANGANESE	Y	2	2000	25.3	UG/L	
AC253A00	A	C25	15	1	MANGANESE	N	3	2000	26.1	UG/L	
AC253A00F	A	C25	15	1	MANGANESE	Y	3	2000	22.7	UG/L	
AC254A00	A	C25	15	1	MANGANESE	N	4	2000	22.3	UG/L	
AC254A00F	A	C25	15	1	MANGANESE	Y	4	2000	22	UG/L	
AC261A00	A	C26	16	1	MANGANESE	N	1	2000	27.6	UG/L	
AC261A00F	A	C26	16	1	MANGANESE	Y	1	2000	27.2	UG/L	
AC262A00	A	C26	16	1	MANGANESE	N	2	2000	27.7	UG/L	
AC262A00F	A	C26	16	1	MANGANESE	Y	2	2000	24.9	UG/L	
AC263A00	A	C26	16	1	MANGANESE	N	3	2000	8.35	UG/L	U
AC263A00F	A	C26	16	1	MANGANESE	Y	3	2000	27.2	UG/L	

Table 7.20. Raw Data for Manganese. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC264A00	A	C26	16	1	MANGANESE	N	4	2000	20.9	UG/L	
AC264A00F	A	C26	16	1	MANGANESE	Y	4	2000	22.6	UG/L	
AC271A00	A	C27	17	1	MANGANESE	N	1	2000	8.35	UG/L	U
AC271A00F	A	C27	17	1	MANGANESE	Y	1	2000	8.35	UG/L	U
AC272A00	A	C27	17	1	MANGANESE	N	2	2000	8.35	UG/L	U
AC272A00F	A	C27	17	1	MANGANESE	Y	2	2000	7.5	UG/L	U
AC273A00	A	C27	17	1	MANGANESE	N	3	2000	8.35	UG/L	U
AC273A00F	A	C27	17	1	MANGANESE	Y	3	2000	7.5	UG/L	U
AC274A00	A	C27	17	1	MANGANESE	N	4	2000	8.35	UG/L	U
AC274A00F	A	C27	17	1	MANGANESE	Y	4	2000	7.5	UG/L	U
AC301A00	A	C30	18	1	MANGANESE	N	1	2000	16.8	UG/L	
AC301A00F	A	C30	18	1	MANGANESE	Y	1	2000	8.35	UG/L	U
AC302A00	A	C30	18	1	MANGANESE	N	2	2000	21.6	UG/L	
AC302A00F	A	C30	18	1	MANGANESE	Y	2	2000	37.9	UG/L	
AC303A00	A	C30	18	1	MANGANESE	N	3	2000	8.35	UG/L	U
AC303A00F	A	C30	18	1	MANGANESE	Y	3	2000	20.9	UG/L	
AC304A00	A	C30	18	1	MANGANESE	N	4	2000	25.4	UG/L	
AC304A00F	A	C30	18	1	MANGANESE	Y	4	2000	31.1	UG/L	
ACRA1A00	A	CRA	21	1	MANGANESE	N	1	2000	8.35	UG/L	U
ACRA1A00F	A	CRA	21	1	MANGANESE	Y	1	2000	8.35	UG/L	U
ACRA2A00	A	CRA	21	1	MANGANESE	N	2	2000	8.35	UG/L	U
ACRA2A00F	A	CRA	21	1	MANGANESE	Y	2	2000	7.5	UG/L	U
ACRA3A00	A	CRA	21	1	MANGANESE	N	3	2000	8.35	UG/L	U
ACRA3A00F	A	CRA	21	1	MANGANESE	Y	3	2000	7.5	UG/L	U
ACRA4A00	A	CRA	21	1	MANGANESE	N	4	2000	8.35	UG/L	U
ACRA4A00F	A	CRA	21	1	MANGANESE	Y	4	2000	7.5	UG/L	U
ACRB1A00	A	CRB	22	1	MANGANESE	N	1	2000	8.35	UG/L	U
ACRB1A00F	A	CRB	22	1	MANGANESE	Y	1	2000	8.35	UG/L	U
ACRB2A00	A	CRB	22	1	MANGANESE	N	2	2000	42.1	UG/L	
ACRB2A00F	A	CRB	22	1	MANGANESE	Y	2	2000	39.3	UG/L	
ACRB3A00	A	CRB	22	1	MANGANESE	N	3	2000	28.9	UG/L	
ACRB3A00F	A	CRB	22	1	MANGANESE	Y	3	2000	29.2	UG/L	
ACRB4A00	A	CRB	22	1	MANGANESE	N	4	2000	8.35	UG/L	U
ACRB4A00F	A	CRB	22	1	MANGANESE	Y	4	2000	7.5	UG/L	U
ASPA1A00	A	SPA	19	1	MANGANESE	N	1	2000	8.35	UG/L	U
ASPA1A00F	A	SPA	19	1	MANGANESE	Y	1	2000	8.35	UG/L	U
ASPA2A00	A	SPA	19	1	MANGANESE	N	2	2000	8.35	UG/L	U
ASPA2A00F	A	SPA	19	1	MANGANESE	Y	2	2000	7.5	UG/L	U
ASPA3A00	A	SPA	19	1	MANGANESE	N	3	2000	8.35	UG/L	U
ASPA3A00F	A	SPA	19	1	MANGANESE	Y	3	2000	7.5	UG/L	U
ASPA4A00	A	SPA	19	1	MANGANESE	N	4	2000	8.35	UG/L	U
ASPA4A00F	A	SPA	19	1	MANGANESE	Y	4	2000	7.5	UG/L	U
ASPC1A00	A	SPC	20	1	MANGANESE	N	1	2000	8.35	UG/L	U
ASPC1A00F	A	SPC	20	1	MANGANESE	Y	1	2000	8.35	UG/L	U
ASPC2A00	A	SPC	20	1	MANGANESE	N	2	2000	8.35	UG/L	U

Table 7.20. Raw Data for Manganese. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ASPC2A00F	A	SPC	20	1	MANGANESE	Y	2	2000	7.5	UG/L	U
ASPC3A00	A	SPC	20	1	MANGANESE	N	3	2000	8.35	UG/L	U
ASPC3A00F	A	SPC	20	1	MANGANESE	Y	3	2000	7.5	UG/L	U
ASPC4A00	A	SPC	20	1	MANGANESE	N	4	2000	8.35	UG/L	U
ASPC4A00F	A	SPC	20	1	MANGANESE	Y	4	2000	7.5	UG/L	U
DC021A00	D	C02	1	1	MANGANESE	N	1	2000	98.9	UG/L	
DC021A00F	D	C02	1	1	MANGANESE	Y	1	2000	97	UG/L	
DC023A00	D	C02	1	1	MANGANESE	N	3	2000	97.7	UG/L	
DC023A00F	D	C02	1	1	MANGANESE	Y	3	2000	94.2	UG/L	
DC031A00	D	C03	2	1	MANGANESE	N	1	2000	514	UG/L	
DC031A00F	D	C03	2	1	MANGANESE	Y	1	2000	518	UG/L	
DC033A00	D	C03	2	1	MANGANESE	N	3	2000	420	UG/L	
DC033A00F	D	C03	2	1	MANGANESE	Y	3	2000	416	UG/L	
DC03P21A00	D	C03P2	1	2	MANGANESE	N	1	2000	8.35	UG/L	U
DC03P21A00F	D	C03P2	1	2	MANGANESE	Y	1	2000	8.35	UG/L	U
DC03P23A00	D	C03P2	1	2	MANGANESE	N	3	2000	8.35	UG/L	U
DC03P23A00F	D	C03P2	1	2	MANGANESE	Y	3	2000	15.1	UG/L	
DC041A00	D	C04	3	1	MANGANESE	N	1	2000	187	UG/L	
DC041A00F	D	C04	3	1	MANGANESE	Y	1	2000	188	UG/L	
DC043A00	D	C04	3	1	MANGANESE	N	3	2000	172	UG/L	
DC043A00F	D	C04	3	1	MANGANESE	Y	3	2000	170	UG/L	
DC04P21A00	D	C04P2	2	2	MANGANESE	N	1	2000	73.1	UG/L	
DC04P21A00F	D	C04P2	2	2	MANGANESE	Y	1	2000	40.8	UG/L	
DC04P23A00	D	C04P2	2	2	MANGANESE	N	3	2000	57.5	UG/L	
DC04P23A00F	D	C04P2	2	2	MANGANESE	Y	3	2000	31.8	UG/L	
DC051A00	D	C05	4	1	MANGANESE	N	1	2000	8.35	UG/L	U
DC051A00F	D	C05	4	1	MANGANESE	Y	1	2000	8.35	UG/L	U
DC053B00	D	C05	4	1	MANGANESE	N	3	2000	8.35	UG/L	U
DC053B00F	D	C05	4	1	MANGANESE	Y	3	2000	7.5	UG/L	U
DC061A00	D	C06	5	1	MANGANESE	N	1	2000	69.3	UG/L	
DC061A00F	D	C06	5	1	MANGANESE	Y	1	2000	61.1	UG/L	
DC063A00	D	C06	5	1	MANGANESE	N	3	2000	42.4	UG/L	
DC063A00F	D	C06	5	1	MANGANESE	Y	3	2000	38	UG/L	
DC06P21A00	D	C06P2	3	2	MANGANESE	N	1	2000	8.35	UG/L	U
DC06P21A00F	D	C06P2	3	2	MANGANESE	Y	1	2000	8.35	UG/L	U
DC06P23A00	D	C06P2	3	2	MANGANESE	N	3	2000	8.35	UG/L	U
DC06P23A00F	D	C06P2	3	2	MANGANESE	Y	3	2000	7.5	UG/L	U
DC071A00	D	C07	6	1	MANGANESE	N	1	2000	8.35	UG/L	U
DC071A00F	D	C07	6	1	MANGANESE	Y	1	2000	8.35	UG/L	U
DC073A00	D	C07	6	1	MANGANESE	N	3	2000	8.35	UG/L	U
DC073A00F	D	C07	6	1	MANGANESE	Y	3	2000	7.5	UG/L	U
DC081A00	D	C08	7	1	MANGANESE	N	1	2000	8.35	UG/L	U
DC081A00F	D	C08	7	1	MANGANESE	Y	1	2000	8.35	UG/L	U
DC083A00	D	C08	7	1	MANGANESE	N	3	2000	8.35	UG/L	U
DC083A00F	D	C08	7	1	MANGANESE	Y	3	2000	7.5	UG/L	U

Table 7.20. Raw Data for Manganese. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC08P21A00	D	C08P2	4	2	MANGANESE	N	1	2000	613	UG/L	
DC08P21A00F	D	C08P2	4	2	MANGANESE	Y	1	2000	605	UG/L	
DC08P23A00	D	C08P2	4	2	MANGANESE	N	3	2000	475	UG/L	
DC08P23A00F	D	C08P2	4	2	MANGANESE	Y	3	2000	486	UG/L	
FD01310001	D	C06	5	1	MANGANESE	N	1	2000	62.8	UG/L	
FD01310001F	D	C06	5	1	MANGANESE	Y	1	2000	59.6	UG/L	
FD02140001	D	C03P2	1	2	MANGANESE	N	1	2000	8.35	UG/L	U
FD02140001F	D	C03P2	1	2	MANGANESE	Y	1	2000	8.35	UG/L	U
FD02230001	O	C11P2	1	2	MANGANESE	N	1	2000	151	UG/L	
FD02230001F	O	C11P2	1	2	MANGANESE	Y	1	2000	153	UG/L	
FD02280001	O	C13	4	1	MANGANESE	N	1	2000	552	UG/L	
FD02280001F	O	C13	4	1	MANGANESE	Y	1	2000	553	UG/L	
FD03140001	A	SPC	20	1	MANGANESE	N	1	2000	8.35	UG/L	U
FD03140001F	A	SPC	20	1	MANGANESE	Y	1	2000	8.35	UG/L	U
FD03250001	A	C09P2	8	1	MANGANESE	N	1	2000	23.1	UG/L	
FD03250001F	A	C09P2	8	1	MANGANESE	Y	1	2000	8.35	UG/L	U
FD03290001	A	SPA	19	1	MANGANESE	N	1	2000	8.35	UG/L	U
FD03290001F	A	SPA	19	1	MANGANESE	Y	1	2000	8.35	UG/L	U
FD04190001	O	C13P2	2	2	MANGANESE	N	2	2000	559	UG/L	
FD04190001F	O	C13P2	2	2	MANGANESE	Y	2	2000	557	UG/L	
FD05080001	O	C18	8	1	MANGANESE	N	2	2000	130	UG/L	
FD05080001F	O	C18	8	1	MANGANESE	Y	2	2000	129	UG/L	
FD06090001	A	CRA	21	1	MANGANESE	N	2	2000	8.35	UG/L	U
FD06090001F	A	CRA	21	1	MANGANESE	Y	2	2000	7.5	UG/L	U
FD06230001	A	C10	9	1	MANGANESE	N	2	2000	8.35	UG/L	U
FD06230001F	A	C10	9	1	MANGANESE	Y	2	2000	7.5	UG/L	U
FD06280001	A	SPC	20	1	MANGANESE	N	2	2000	8.35	UG/L	U
FD06280001F	A	SPC	20	1	MANGANESE	Y	2	2000	7.5	UG/L	U
FD07290001	D	C05	4	1	MANGANESE	N	3	2000	8.35	UG/L	U
FD07290001F	D	C05	4	1	MANGANESE	Y	3	2000	7.5	UG/L	U
FD08090001	D	C02	1	1	MANGANESE	N	3	2000	93.1	UG/L	
FD08090001F	D	C02	1	1	MANGANESE	Y	3	2000	92.2	UG/L	
FD08250001	O	C14	5	1	MANGANESE	N	3	2000	350	UG/L	
FD08250001F	O	C14	5	1	MANGANESE	Y	3	2000	345	UG/L	
FD08300001	O	C18P2	4	2	MANGANESE	N	3	2000	438	UG/L	
FD08300001F	O	C18P2	4	2	MANGANESE	Y	3	2000	458	UG/L	
FD09130001	A	C12	11	1	MANGANESE	N	3	2000	19.4	UG/L	
FD09130001F	A	C12	11	1	MANGANESE	Y	3	2000	7.5	UG/L	U
FD09200001	A	CRB	22	1	MANGANESE	N	3	2000	30.7	UG/L	
FD09200001F	A	CRB	22	1	MANGANESE	Y	3	2000	27.4	UG/L	
FD09290001	A	SPC	20	1	MANGANESE	N	3	2000	8.35	UG/L	U
FD09290001F	A	SPC	20	1	MANGANESE	Y	3	2000	7.5	UG/L	U
FD11190001	O	C14	5	1	MANGANESE	N	4	2000	283	UG/L	
FD11190001F	O	C14	5	1	MANGANESE	Y	4	2000	282	UG/L	
FD11200001	O	C13P2	2	2	MANGANESE	N	4	2000	437	UG/L	

Table 7.20. Raw Data for Manganese. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD11200001F	O	C13P2	2	2	MANGANESE	Y	4	2000	476	UG/L	
FD12010001	A	C09P2	8	1	MANGANESE	N	4	2000	8.35	UG/L	U
FD12010001F	A	C09P2	8	1	MANGANESE	Y	4	2000	7.5	UG/L	U
FD12120001	A	CRB	22	1	MANGANESE	N	4	2000	8.35	UG/L	U
FD12120001F	A	CRB	22	1	MANGANESE	Y	4	2000	7.5	UG/L	U
OC081A00	O	C08	1	1	MANGANESE	N	1	2000	8.35	UG/L	U
OC081A00F	O	C08	1	1	MANGANESE	Y	1	2000	8.35	UG/L	U
OC082A00	O	C08	1	1	MANGANESE	N	2	2000	8.35	UG/L	U
OC082A00F	O	C08	1	1	MANGANESE	Y	2	2000	8.35	UG/L	U
OC083A00	O	C08	1	1	MANGANESE	N	3	2000	8.35	UG/L	U
OC083A00F	O	C08	1	1	MANGANESE	Y	3	2000	7.5	UG/L	U
OC084A00	O	C08	1	1	MANGANESE	N	4	2000	8.35	UG/L	U
OC084A00F	O	C08	1	1	MANGANESE	Y	4	2000	7.5	UG/L	U
OC111A00	O	C11	2	1	MANGANESE	N	1	2000	26.4	UG/L	
OC111A00F	O	C11	2	1	MANGANESE	Y	1	2000	23.9	UG/L	
OC112A00	O	C11	2	1	MANGANESE	N	2	2000	41.8	UG/L	
OC112A00F	O	C11	2	1	MANGANESE	Y	2	2000	42.9	UG/L	
OC113A00	O	C11	2	1	MANGANESE	N	3	2000	66.1	UG/L	
OC113A00F	O	C11	2	1	MANGANESE	Y	3	2000	60.9	UG/L	
OC114A00	O	C11	2	1	MANGANESE	N	4	2000	75	UG/L	
OC114A00F	O	C11	2	1	MANGANESE	Y	4	2000	75.7	UG/L	
OC11P21A00	O	C11P2	1	2	MANGANESE	N	1	2000	153	UG/L	
OC11P21A00F	O	C11P2	1	2	MANGANESE	Y	1	2000	155	UG/L	
OC11P22A00	O	C11P2	1	2	MANGANESE	N	2	2000	91	UG/L	
OC11P22A00F	O	C11P2	1	2	MANGANESE	Y	2	2000	88.3	UG/L	
OC11P23A00	O	C11P2	1	2	MANGANESE	N	3	2000	101	UG/L	
OC11P23A00F	O	C11P2	1	2	MANGANESE	Y	3	2000	93.3	UG/L	
OC11P24A00	O	C11P2	1	2	MANGANESE	N	4	2000	95.3	UG/L	
OC11P24A00F	O	C11P2	1	2	MANGANESE	Y	4	2000	98.6	UG/L	
OC121A00	O	C12	3	1	MANGANESE	N	1	2000	400	UG/L	
OC121A00F	O	C12	3	1	MANGANESE	Y	1	2000	396	UG/L	
OC122A00	O	C12	3	1	MANGANESE	N	2	2000	419	UG/L	
OC122A00F	O	C12	3	1	MANGANESE	Y	2	2000	411	UG/L	
OC123A00	O	C12	3	1	MANGANESE	N	3	2000	362	UG/L	
OC123A00F	O	C12	3	1	MANGANESE	Y	3	2000	349	UG/L	
OC124A00	O	C12	3	1	MANGANESE	N	4	2000	307	UG/L	
OC124A00F	O	C12	3	1	MANGANESE	Y	4	2000	319	UG/L	
OC131A00	O	C13	4	1	MANGANESE	N	1	2000	473	UG/L	
OC131A00F	O	C13	4	1	MANGANESE	Y	1	2000	451	UG/L	
OC132A00	O	C13	4	1	MANGANESE	N	2	2000	477	UG/L	
OC132A00F	O	C13	4	1	MANGANESE	Y	2	2000	456	UG/L	
OC133A00	O	C13	4	1	MANGANESE	N	3	2000	441	UG/L	
OC133A00F	O	C13	4	1	MANGANESE	Y	3	2000	420	UG/L	
OC134A00	O	C13	4	1	MANGANESE	N	4	2000	399	UG/L	
OC134A00F	O	C13	4	1	MANGANESE	Y	4	2000	423	UG/L	

Table 7.20. Raw Data for Manganese. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC13P21A00	O	C13P2	2	2	MANGANESE	N	1	2000	470	UG/L	
OC13P21A00F	O	C13P2	2	2	MANGANESE	Y	1	2000	467	UG/L	
OC13P22A00	O	C13P2	2	2	MANGANESE	N	2	2000	551	UG/L	
OC13P22A00F	O	C13P2	2	2	MANGANESE	Y	2	2000	555	UG/L	
OC13P23A00	O	C13P2	2	2	MANGANESE	N	3	2000	503	UG/L	
OC13P23A00F	O	C13P2	2	2	MANGANESE	Y	3	2000	487	UG/L	
OC13P24A00	O	C13P2	2	2	MANGANESE	N	4	2000	454	UG/L	
OC13P24A00F	O	C13P2	2	2	MANGANESE	Y	4	2000	467	UG/L	
OC141A00	O	C14	5	1	MANGANESE	N	1	2000	486	UG/L	
OC141A00F	O	C14	5	1	MANGANESE	Y	1	2000	432	UG/L	
OC142A00	O	C14	5	1	MANGANESE	N	2	2000	442	UG/L	
OC142A00F	O	C14	5	1	MANGANESE	Y	2	2000	415	UG/L	
OC143A00	O	C14	5	1	MANGANESE	N	3	2000	354	UG/L	
OC143A00F	O	C14	5	1	MANGANESE	Y	3	2000	351	UG/L	
OC144A00	O	C14	5	1	MANGANESE	N	4	2000	273	UG/L	
OC144A00F	O	C14	5	1	MANGANESE	Y	4	2000	274	UG/L	
OC14P21A00	O	C14P2	3	2	MANGANESE	N	1	2000	8.35	UG/L	U
OC14P21A00F	O	C14P2	3	2	MANGANESE	Y	1	2000	8.35	UG/L	U
OC14P22A00	O	C14P2	3	2	MANGANESE	N	2	2000	8.35	UG/L	U
OC14P22A00F	O	C14P2	3	2	MANGANESE	Y	2	2000	8.35	UG/L	U
OC14P23A00	O	C14P2	3	2	MANGANESE	N	3	2000	8.35	UG/L	U
OC14P23A00F	O	C14P2	3	2	MANGANESE	Y	3	2000	7.5	UG/L	U
OC14P24A00	O	C14P2	3	2	MANGANESE	N	4	2000	8.35	UG/L	U
OC14P24A00F	O	C14P2	3	2	MANGANESE	Y	4	2000	7.5	UG/L	U
OC151A00	O	C15	6	1	MANGANESE	N	1	2000	32.1	UG/L	
OC151A00F	O	C15	6	1	MANGANESE	Y	1	2000	8.35	UG/L	U
OC152A00	O	C15	6	1	MANGANESE	N	2	2000	22.3	UG/L	
OC152A00F	O	C15	6	1	MANGANESE	Y	2	2000	8.35	UG/L	U
OC153A00	O	C15	6	1	MANGANESE	N	3	2000	19.4	UG/L	
OC153A00F	O	C15	6	1	MANGANESE	Y	3	2000	7.5	UG/L	U
OC154A00	O	C15	6	1	MANGANESE	N	4	2000	19	UG/L	
OC154A00F	O	C15	6	1	MANGANESE	Y	4	2000	7.5	UG/L	U
OC161A00	O	C16	7	1	MANGANESE	N	1	2000	8.35	UG/L	U
OC161A00F	O	C16	7	1	MANGANESE	Y	1	2000	8.35	UG/L	U
OC162A00	O	C16	7	1	MANGANESE	N	2	2000	8.35	UG/L	U
OC162A00F	O	C16	7	1	MANGANESE	Y	2	2000	8.35	UG/L	U
OC163A00	O	C16	7	1	MANGANESE	N	3	2000	8.35	UG/L	U
OC163A00F	O	C16	7	1	MANGANESE	Y	3	2000	7.5	UG/L	U
OC164A00	O	C16	7	1	MANGANESE	N	4	2000	8.35	UG/L	U
OC164A00F	O	C16	7	1	MANGANESE	Y	4	2000	7.5	UG/L	U
OC181A00	O	C18	8	1	MANGANESE	N	1	2000	144	UG/L	
OC181A00F	O	C18	8	1	MANGANESE	Y	1	2000	148	UG/L	
OC182A00	O	C18	8	1	MANGANESE	N	2	2000	130	UG/L	
OC182A00F	O	C18	8	1	MANGANESE	Y	2	2000	127	UG/L	
OC183A00	O	C18	8	1	MANGANESE	N	3	2000	127	UG/L	

Table 7.20. Raw Data for Manganese. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC183A00F	O	C18	8	1	MANGANESE	Y	3	2000	121	UG/L	
OC184A00	O	C18	8	1	MANGANESE	N	4	2000	117	UG/L	
OC184A00F	O	C18	8	1	MANGANESE	Y	4	2000	126	UG/L	
OC18P21A00	O	C18P2	4	2	MANGANESE	N	1	2000	556	UG/L	
OC18P21A00F	O	C18P2	4	2	MANGANESE	Y	1	2000	557	UG/L	
OC18P22A00	O	C18P2	4	2	MANGANESE	N	2	2000	608	UG/L	
OC18P22A00F	O	C18P2	4	2	MANGANESE	Y	2	2000	607	UG/L	
OC18P23A00	O	C18P2	4	2	MANGANESE	N	3	2000	427	UG/L	
OC18P23A00F	O	C18P2	4	2	MANGANESE	Y	3	2000	428	UG/L	
OC18P24A00	O	C18P2	4	2	MANGANESE	N	4	2000	444	UG/L	
OC18P24A00F	O	C18P2	4	2	MANGANESE	Y	4	2000	460	UG/L	
OC191A00	O	C19	9	1	MANGANESE	N	1	2000	240	UG/L	
OC191A00F	O	C19	9	1	MANGANESE	Y	1	2000	242	UG/L	
OC192A00	O	C19	9	1	MANGANESE	N	2	2000	240	UG/L	
OC192A00F	O	C19	9	1	MANGANESE	Y	2	2000	248	UG/L	
OC193A00	O	C19	9	1	MANGANESE	N	3	2000	231	UG/L	
OC193A00F	O	C19	9	1	MANGANESE	Y	3	2000	234	UG/L	
OC194A00	O	C19	9	1	MANGANESE	N	4	2000	207	UG/L	
OC194A00F	O	C19	9	1	MANGANESE	Y	4	2000	210	UG/L	
OC19P21A00	O	C19P2	5	2	MANGANESE	N	1	2000	121	UG/L	
OC19P21A00F	O	C19P2	5	2	MANGANESE	Y	1	2000	129	UG/L	
OC19P22100F	O	C19P2	5	2	MANGANESE	Y	2	2000	120	UG/L	
OC19P22A00	O	C19P2	5	2	MANGANESE	N	2	2000	116	UG/L	
OC19P23A00	O	C19P2	5	2	MANGANESE	N	3	2000	112	UG/L	
OC19P23A00F	O	C19P2	5	2	MANGANESE	Y	3	2000	113	UG/L	
OC19P24A00	O	C19P2	5	2	MANGANESE	N	4	2000	109	UG/L	
OC19P24A00F	O	C19P2	5	2	MANGANESE	Y	4	2000	112	UG/L	

Table 7.21. Raw Data for Potassium.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00F	A	B02	1	1	POTASSIUM	Y	1	2000	555	UG/L	U
AB022A00F	A	B02	1	1	POTASSIUM	Y	2	2000	1010	UG/L	
AB023A00F	A	B02	1	1	POTASSIUM	Y	3	2000	1080	UG/L	
AB041A00F	A	B04	2	1	POTASSIUM	Y	1	2000	555	UG/L	U
AB042A00F	A	B04	2	1	POTASSIUM	Y	2	2000	500	UG/L	U
AB043A00F	A	B04	2	1	POTASSIUM	Y	3	2000	500	UG/L	U
AC02P21A00F	A	C02P2	3	1	POTASSIUM	Y	1	2000	2950	UG/L	
AC02P22A00F	A	C02P2	3	1	POTASSIUM	Y	2	2000	3330	UG/L	
AC02P23A00F	A	C02P2	3	1	POTASSIUM	Y	3	2000	3660	UG/L	
AC031A00F	A	C03	4	1	POTASSIUM	Y	1	2000	555	UG/L	U
AC032A00F	A	C03	4	1	POTASSIUM	Y	2	2000	500	UG/L	U
AC033A00F	A	C03	4	1	POTASSIUM	Y	3	2000	1030	UG/L	
AC041A00F	A	C04	5	1	POTASSIUM	Y	1	2000	3060	UG/L	
AC042A00F	A	C04	5	1	POTASSIUM	Y	2	2000	2850	UG/L	

Table 7.21. Raw Data for Potassium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC043A00F	A	C04	5	1	POTASSIUM	Y	3	2000	2820	UG/L	
AC071A00F	A	C07	6	1	POTASSIUM	Y	1	2000	4500	UG/L	
AC072A00F	A	C07	6	1	POTASSIUM	Y	2	2000	2470	UG/L	
AC073A00F	A	C07	6	1	POTASSIUM	Y	3	2000	2840	UG/L	
AC08P21A00F	A	C08P2	7	1	POTASSIUM	Y	1	2000	13200	UG/L	
AC08P22A00F	A	C08P2	7	1	POTASSIUM	Y	2	2000	7920	UG/L	
AC08P23A00F	A	C08P2	7	1	POTASSIUM	Y	3	2000	7480	UG/L	J
AC09P21A00F	A	C09P2	8	1	POTASSIUM	Y	1	2000	1250	UG/L	
AC09P22A00F	A	C09P2	8	1	POTASSIUM	Y	2	2000	1200	UG/L	
AC09P23A00F	A	C09P2	8	1	POTASSIUM	Y	3	2000	1110	UG/L	
AC101A00F	A	C10	9	1	POTASSIUM	Y	1	2000	555	UG/L	U
AC102A00F	A	C10	9	1	POTASSIUM	Y	2	2000	500	UG/L	U
AC103A00F	A	C10	9	1	POTASSIUM	Y	3	2000	500	UG/L	U
AC111A00F	A	C11	10	1	POTASSIUM	Y	1	2000	3680	UG/L	
AC112A00F	A	C11	10	1	POTASSIUM	Y	2	2000	3570	UG/L	
AC113A00F	A	C11	10	1	POTASSIUM	Y	3	2000	3170	UG/L	
AC121A00F	A	C12	11	1	POTASSIUM	Y	1	2000	1790	UG/L	
AC122A00F	A	C12	11	1	POTASSIUM	Y	2	2000	2090	UG/L	
AC123A00F	A	C12	11	1	POTASSIUM	Y	3	2000	2410	UG/L	
AC151A00F	A	C15	12	1	POTASSIUM	Y	1	2000	1790	UG/L	
AC152A00F	A	C15	12	1	POTASSIUM	Y	2	2000	1910	UG/L	
AC153A00F	A	C15	12	1	POTASSIUM	Y	3	2000	1740	UG/L	
AC171A00F	A	C17	13	1	POTASSIUM	Y	1	2000	2780	UG/L	
AC172A00F	A	C17	13	1	POTASSIUM	Y	2	2000	2880	UG/L	
AC173A00F	A	C17	13	1	POTASSIUM	Y	3	2000	2700	UG/L	
AC201A00F	A	C20	14	1	POTASSIUM	Y	1	2000	1860	UG/L	
AC202A00F	A	C20	14	1	POTASSIUM	Y	2	2000	1810	UG/L	
AC203A00F	A	C20	14	1	POTASSIUM	Y	3	2000	1860	UG/L	
AC251A00F	A	C25	15	1	POTASSIUM	Y	1	2000	2430	UG/L	
AC252A00F	A	C25	15	1	POTASSIUM	Y	2	2000	2520	UG/L	
AC253A00F	A	C25	15	1	POTASSIUM	Y	3	2000	2390	UG/L	
AC261A00F	A	C26	16	1	POTASSIUM	Y	1	2000	1980	UG/L	
AC262A00F	A	C26	16	1	POTASSIUM	Y	2	2000	1900	UG/L	
AC263A00F	A	C26	16	1	POTASSIUM	Y	3	2000	1570	UG/L	
AC271A00F	A	C27	17	1	POTASSIUM	Y	1	2000	555	UG/L	U
AC272A00F	A	C27	17	1	POTASSIUM	Y	2	2000	1120	UG/L	
AC273A00F	A	C27	17	1	POTASSIUM	Y	3	2000	1070	UG/L	
AC301A00F	A	C30	18	1	POTASSIUM	Y	1	2000	2290	UG/L	
AC302A00F	A	C30	18	1	POTASSIUM	Y	2	2000	2250	UG/L	
AC303A00F	A	C30	18	1	POTASSIUM	Y	3	2000	2240	UG/L	
ACRA1A00F	A	CRA	21	1	POTASSIUM	Y	1	2000	1480	UG/L	
ACRA2A00F	A	CRA	21	1	POTASSIUM	Y	2	2000	3500	UG/L	
ACRA3A00F	A	CRA	21	1	POTASSIUM	Y	3	2000	3020	UG/L	
ACRB1A00F	A	CRB	22	1	POTASSIUM	Y	1	2000	1760	UG/L	
ACRB2A00F	A	CRB	22	1	POTASSIUM	Y	2	2000	3420	UG/L	

Table 7.21. Raw Data for Potassium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRB3A00F	A	CRB	22	1	POTASSIUM	Y	3	2000	2860	UG/L	
ASPA1A00F	A	SPA	19	1	POTASSIUM	Y	1	2000	2560	UG/L	
ASPA2A00F	A	SPA	19	1	POTASSIUM	Y	2	2000	5000	UG/L	
ASPA3A00F	A	SPA	19	1	POTASSIUM	Y	3	2000	2880	UG/L	
ASPC1A00F	A	SPC	20	1	POTASSIUM	Y	1	2000	555	UG/L	U
ASPC2A00F	A	SPC	20	1	POTASSIUM	Y	2	2000	1410	UG/L	
ASPC3A00F	A	SPC	20	1	POTASSIUM	Y	3	2000	1210	UG/L	
DC021A00F	D	C02	1	1	POTASSIUM	Y	1	2000	555	UG/L	U
DC041A00F	D	C04	3	1	POTASSIUM	Y	1	2000	1310	UG/L	
DC04P21A00F	D	C04P2	2	2	POTASSIUM	Y	1	2000	2890	UG/L	
DC051A00F	D	C05	4	1	POTASSIUM	Y	1	2000	555	UG/L	U
DC061A00F	D	C06	5	1	POTASSIUM	Y	1	2000	555	UG/L	U
DC06P21A00F	D	C06P2	3	2	POTASSIUM	Y	1	2000	555	UG/L	U
DC071A00	D	C07	6	1	POTASSIUM	N	1	2000	1880	UG/L	
DC071A00F	D	C07	6	1	POTASSIUM	Y	1	2000	1840	UG/L	
FD01310001F	D	C06	5	1	POTASSIUM	Y	1	2000	555	UG/L	U
FD02280001F	O	C13	4	1	POTASSIUM	Y	1	2000	555	UG/L	U
FD03140001F	A	SPC	20	1	POTASSIUM	Y	1	2000	1120	UG/L	
FD03250001F	A	C09P2	8	1	POTASSIUM	Y	1	2000	1250	UG/L	
FD03290001F	A	SPA	19	1	POTASSIUM	Y	1	2000	2620	UG/L	
FD06090001F	A	CRA	21	1	POTASSIUM	Y	2	2000	3440	UG/L	
FD06230001F	A	C10	9	1	POTASSIUM	Y	2	2000	500	UG/L	U
FD06280001F	A	SPC	20	1	POTASSIUM	Y	2	2000	1290	UG/L	
FD09130001F	A	C12	11	1	POTASSIUM	Y	3	2000	2410	UG/L	
FD09200001F	A	CRB	22	1	POTASSIUM	Y	3	2000	2940	UG/L	
FD09290001F	A	SPC	20	1	POTASSIUM	Y	3	2000	1230	UG/L	
OC081A00F	O	C08	1	1	POTASSIUM	Y	1	2000	555	UG/L	U
OC111A00F	O	C11	2	1	POTASSIUM	Y	1	2000	555	UG/L	U
OC121A00F	O	C12	3	1	POTASSIUM	Y	1	2000	555	UG/L	U
OC131A00F	O	C13	4	1	POTASSIUM	Y	1	2000	555	UG/L	U
OC13P21A00F	O	C13P2	2	2	POTASSIUM	Y	1	2000	555	UG/L	U
OC141A00F	O	C14	5	1	POTASSIUM	Y	1	2000	555	UG/L	U
OC14P21A00F	O	C14P2	3	2	POTASSIUM	Y	1	2000	555	UG/L	U
OC151A00F	O	C15	6	1	POTASSIUM	Y	1	2000	555	UG/L	U
OC191A00F	O	C19	9	1	POTASSIUM	Y	1	2000	555	UG/L	U

Table 7.22. Raw Data for Selenium.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	SELENIUM	N	1	2000	0.55	UG/L	U
AB021A00F	A	B02	1	1	SELENIUM	Y	1	2000	0.55	UG/L	U
AB022A00	A	B02	1	1	SELENIUM	N	2	2000	0.55	UG/L	U
AB022A00F	A	B02	1	1	SELENIUM	Y	2	2000	0.5	UG/L	U
AB023A00	A	B02	1	1	SELENIUM	N	3	2000	0.55	UG/L	U
AB023A00F	A	B02	1	1	SELENIUM	Y	3	2000	0.5	UG/L	U

Table 7.22. Raw Data for Selenium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB024A00	A	B02	1	1	SELENIUM	N	4	2000	0.55	UG/L	U
AB024A00F	A	B02	1	1	SELENIUM	Y	4	2000	1	UG/L	UN
AB041A00	A	B04	2	1	SELENIUM	N	1	2000	1.1	UG/L	
AB041A00F	A	B04	2	1	SELENIUM	Y	1	2000	0.55	UG/L	U
AB042A00	A	B04	2	1	SELENIUM	N	2	2000	0.55	UG/L	U
AB042A00F	A	B04	2	1	SELENIUM	Y	2	2000	0.5	UG/L	U
AB043A00	A	B04	2	1	SELENIUM	N	3	2000	0.55	UG/L	U
AB043A00F	A	B04	2	1	SELENIUM	Y	3	2000	0.5	UG/L	U
AB044A00	A	B04	2	1	SELENIUM	N	4	2000	0.55	UG/L	U
AB044A00F	A	B04	2	1	SELENIUM	Y	4	2000	1	UG/L	UN
AC02P21A00	A	C02P2	3	1	SELENIUM	N	1	2000	1.7	UG/L	
AC02P21A00F	A	C02P2	3	1	SELENIUM	Y	1	2000	1	UG/L	
AC02P22A00	A	C02P2	3	1	SELENIUM	N	2	2000	2	UG/L	
AC02P22A00F	A	C02P2	3	1	SELENIUM	Y	2	2000	1.4	UG/L	
AC02P23A00	A	C02P2	3	1	SELENIUM	N	3	2000	2.4	UG/L	
AC02P23A00F	A	C02P2	3	1	SELENIUM	Y	3	2000	1.6	UG/L	
AC02P24A00	A	C02P2	3	1	SELENIUM	N	4	2000	0.55	UG/L	U
AC02P24A00F	A	C02P2	3	1	SELENIUM	Y	4	2000	1	UG/L	UN
AC031A00	A	C03	4	1	SELENIUM	N	1	2000	0.55	UG/L	U
AC031A00F	A	C03	4	1	SELENIUM	Y	1	2000	0.55	UG/L	U
AC032A00	A	C03	4	1	SELENIUM	N	2	2000	0.55	UG/L	U
AC032A00F	A	C03	4	1	SELENIUM	Y	2	2000	0.5	UG/L	U
AC033A00	A	C03	4	1	SELENIUM	N	3	2000	0.55	UG/L	U
AC033A00F	A	C03	4	1	SELENIUM	Y	3	2000	0.5	UG/L	U
AC034A00	A	C03	4	1	SELENIUM	N	4	2000	0.55	UG/L	U
AC034A00F	A	C03	4	1	SELENIUM	Y	4	2000	1	UG/L	UN
AC041A00	A	C04	5	1	SELENIUM	N	1	2000	1.3	UG/L	
AC041A00F	A	C04	5	1	SELENIUM	Y	1	2000	0.5	UG/L	U
AC042A00	A	C04	5	1	SELENIUM	N	2	2000	1.7	UG/L	
AC042A00F	A	C04	5	1	SELENIUM	Y	2	2000	2.2	UG/L	
AC043A00	A	C04	5	1	SELENIUM	N	3	2000	0.55	UG/L	U
AC043A00F	A	C04	5	1	SELENIUM	Y	3	2000	2.4	UG/L	
AC044A00	A	C04	5	1	SELENIUM	N	4	2000	2.8	UG/L	
AC044A00F	A	C04	5	1	SELENIUM	Y	4	2000	2.3	UG/L	N
AC071A00	A	C07	6	1	SELENIUM	N	1	2000	1.9	UG/L	
AC071A00F	A	C07	6	1	SELENIUM	Y	1	2000	0.55	UG/L	U
AC072A00	A	C07	6	1	SELENIUM	N	2	2000	1.2	UG/L	
AC072A00F	A	C07	6	1	SELENIUM	Y	2	2000	1.6	UG/L	
AC073A00	A	C07	6	1	SELENIUM	N	3	2000	2.9	UG/L	
AC073A00F	A	C07	6	1	SELENIUM	Y	3	2000	1.6	UG/L	
AC074A00	A	C07	6	1	SELENIUM	N	4	2000	2.5	UG/L	
AC074A00F	A	C07	6	1	SELENIUM	Y	4	2000	1.8	UG/L	N
AC08P21A00	A	C08P2	7	1	SELENIUM	N	1	2000	0.55	UG/L	U
AC08P21A00F	A	C08P2	7	1	SELENIUM	Y	1	2000	1.3	UG/L	
AC08P22A00	A	C08P2	7	1	SELENIUM	N	2	2000	1.4	UG/L	

Table 7.22. Raw Data for Selenium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC08P22A00F	A	C08P2	7	1	SELENIUM	Y	2	2000	0.5	UG/L	U
AC08P23A00	A	C08P2	7	1	SELENIUM	N	3	2000	3	UG/L	
AC08P23A00F	A	C08P2	7	1	SELENIUM	Y	3	2000	0.5	UG/L	U
AC08P24A00	A	C08P2	7	1	SELENIUM	N	4	2000	1.6	UG/L	
AC08P24A00F	A	C08P2	7	1	SELENIUM	Y	4	2000	1	UG/L	UN
AC09P21A00	A	C09P2	8	1	SELENIUM	N	1	2000	1.3	UG/L	
AC09P21A00F	A	C09P2	8	1	SELENIUM	Y	1	2000	1.4	UG/L	
AC09P22A00	A	C09P2	8	1	SELENIUM	N	2	2000	1.6	UG/L	
AC09P22A00F	A	C09P2	8	1	SELENIUM	Y	2	2000	1.1	UG/L	
AC09P23A00	A	C09P2	8	1	SELENIUM	N	3	2000	2.7	UG/L	
AC09P23A00F	A	C09P2	8	1	SELENIUM	Y	3	2000	1.1	UG/L	
AC09P24A00	A	C09P2	8	1	SELENIUM	N	4	2000	1.6	UG/L	
AC09P24A00F	A	C09P2	8	1	SELENIUM	Y	4	2000	1.1	UG/L	N
AC101A00	A	C10	9	1	SELENIUM	N	1	2000	1.9	UG/L	
AC101A00F	A	C10	9	1	SELENIUM	Y	1	2000	1.8	UG/L	
AC102A00	A	C10	9	1	SELENIUM	N	2	2000	2.3	UG/L	
AC102A00F	A	C10	9	1	SELENIUM	Y	2	2000	1.3	UG/L	
AC103A00	A	C10	9	1	SELENIUM	N	3	2000	3.5	UG/L	
AC103A00F	A	C10	9	1	SELENIUM	Y	3	2000	1.4	UG/L	
AC104A00	A	C10	9	1	SELENIUM	N	4	2000	2.8	UG/L	
AC104A00F	A	C10	9	1	SELENIUM	Y	4	2000	1.3	UG/L	N
AC111A00	A	C11	10	1	SELENIUM	N	1	2000	3.2	UG/L	
AC111A00F	A	C11	10	1	SELENIUM	Y	1	2000	3	UG/L	
AC112A00	A	C11	10	1	SELENIUM	N	2	2000	4.9	UG/L	
AC112A00F	A	C11	10	1	SELENIUM	Y	2	2000	3	UG/L	
AC113A00	A	C11	10	1	SELENIUM	N	3	2000	6.2	UG/L	
AC113A00F	A	C11	10	1	SELENIUM	Y	3	2000	2.8	UG/L	
AC114A00	A	C11	10	1	SELENIUM	N	4	2000	4.4	UG/L	
AC114A00F	A	C11	10	1	SELENIUM	Y	4	2000	2.9	UG/L	N
AC121A00	A	C12	11	1	SELENIUM	N	1	2000	1.1	UG/L	
AC121A00F	A	C12	11	1	SELENIUM	Y	1	2000	1.2	UG/L	
AC122A00	A	C12	11	1	SELENIUM	N	2	2000	0.55	UG/L	U
AC122A00F	A	C12	11	1	SELENIUM	Y	2	2000	0.5	UG/L	U
AC123A00	A	C12	11	1	SELENIUM	N	3	2000	2.7	UG/L	
AC123A00F	A	C12	11	1	SELENIUM	Y	3	2000	0.5	UG/L	U
AC124A00	A	C12	11	1	SELENIUM	N	4	2000	1.3	UG/L	
AC124A00F	A	C12	11	1	SELENIUM	Y	4	2000	1	UG/L	UN
AC151A00	A	C15	12	1	SELENIUM	N	1	2000	0.55	UG/L	U
AC151A00F	A	C15	12	1	SELENIUM	Y	1	2000	0.55	UG/L	U
AC152A00	A	C15	12	1	SELENIUM	N	2	2000	1.4	UG/L	
AC152A00F	A	C15	12	1	SELENIUM	Y	2	2000	0.5	UG/L	U
AC153A00	A	C15	12	1	SELENIUM	N	3	2000	1.4	UG/L	
AC153A00F	A	C15	12	1	SELENIUM	Y	3	2000	0.5	UG/L	U
AC154A00	A	C15	12	1	SELENIUM	N	4	2000	1.5	UG/L	
AC154A00F	A	C15	12	1	SELENIUM	Y	4	2000	1	UG/L	UN

Table 7.22. Raw Data for Selenium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC171A00	A	C17	13	1	SELENIUM	N	1	2000	1.1	UG/L	
AC171A00F	A	C17	13	1	SELENIUM	Y	1	2000	1.1	UG/L	
AC172A00	A	C17	13	1	SELENIUM	N	2	2000	1.5	UG/L	
AC172A00F	A	C17	13	1	SELENIUM	Y	2	2000	1.2	UG/L	
AC173A00	A	C17	13	1	SELENIUM	N	3	2000	2	UG/L	
AC173A00F	A	C17	13	1	SELENIUM	Y	3	2000	1.5	UG/L	
AC174A00	A	C17	13	1	SELENIUM	N	4	2000	1.9	UG/L	
AC174A00F	A	C17	13	1	SELENIUM	Y	4	2000	1.9	UG/L	N
AC201A00	A	C20	14	1	SELENIUM	N	1	2000	0.55	UG/L	U
AC201A00F	A	C20	14	1	SELENIUM	Y	1	2000	0.55	UG/L	U
AC202A00	A	C20	14	1	SELENIUM	N	2	2000	0.55	UG/L	U
AC202A00F	A	C20	14	1	SELENIUM	Y	2	2000	0.5	UG/L	U
AC203A00	A	C20	14	1	SELENIUM	N	3	2000	1.4	UG/L	
AC203A00F	A	C20	14	1	SELENIUM	Y	3	2000	0.5	UG/L	U
AC204A00	A	C20	14	1	SELENIUM	N	4	2000	1.2	UG/L	
AC204A00F	A	C20	14	1	SELENIUM	Y	4	2000	1	UG/L	UN
AC251A00	A	C25	15	1	SELENIUM	N	1	2000	0.55	UG/L	U
AC251A00F	A	C25	15	1	SELENIUM	Y	1	2000	0.55	UG/L	U
AC252A00	A	C25	15	1	SELENIUM	N	2	2000	0.55	UG/L	U
AC252A00F	A	C25	15	1	SELENIUM	Y	2	2000	0.5	UG/L	U
AC253A00	A	C25	15	1	SELENIUM	N	3	2000	0.55	UG/L	U
AC253A00F	A	C25	15	1	SELENIUM	Y	3	2000	0.5	UG/L	U
AC254A00	A	C25	15	1	SELENIUM	N	4	2000	0.55	UG/L	U
AC254A00F	A	C25	15	1	SELENIUM	Y	4	2000	1	UG/L	UN
AC261A00	A	C26	16	1	SELENIUM	N	1	2000	0.55	UG/L	U
AC261A00F	A	C26	16	1	SELENIUM	Y	1	2000	0.55	UG/L	U
AC262A00	A	C26	16	1	SELENIUM	N	2	2000	0.55	UG/L	U
AC262A00F	A	C26	16	1	SELENIUM	Y	2	2000	0.5	UG/L	U
AC263A00	A	C26	16	1	SELENIUM	N	3	2000	2.4	UG/L	
AC263A00F	A	C26	16	1	SELENIUM	Y	3	2000	0.5	UG/L	U
AC264A00	A	C26	16	1	SELENIUM	N	4	2000	1.2	UG/L	
AC264A00F	A	C26	16	1	SELENIUM	Y	4	2000	1	UG/L	UN
AC271A00	A	C27	17	1	SELENIUM	N	1	2000	0.55	UG/L	U
AC271A00F	A	C27	17	1	SELENIUM	Y	1	2000	0.55	UG/L	U
AC272A00	A	C27	17	1	SELENIUM	N	2	2000	0.55	UG/L	U
AC272A00F	A	C27	17	1	SELENIUM	Y	2	2000	0.5	UG/L	U
AC273A00	A	C27	17	1	SELENIUM	N	3	2000	1.7	UG/L	
AC273A00F	A	C27	17	1	SELENIUM	Y	3	2000	1	UG/L	
AC274A00	A	C27	17	1	SELENIUM	N	4	2000	0.55	UG/L	U
AC274A00F	A	C27	17	1	SELENIUM	Y	4	2000	1	UG/L	UN
AC301A00	A	C30	18	1	SELENIUM	N	1	2000	0.55	UG/L	U
AC301A00F	A	C30	18	1	SELENIUM	Y	1	2000	0.55	UG/L	U
AC302A00	A	C30	18	1	SELENIUM	N	2	2000	0.55	UG/L	U
AC302A00F	A	C30	18	1	SELENIUM	Y	2	2000	0.5	UG/L	U
AC303A00	A	C30	18	1	SELENIUM	N	3	2000	0.55	UG/L	U

Table 7.22. Raw Data for Selenium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC303A00F	A	C30	18	1	SELENIUM	Y	3	2000	0.5	UG/L	U
AC304A00	A	C30	18	1	SELENIUM	N	4	2000	5.3	UG/L	
AC304A00F	A	C30	18	1	SELENIUM	Y	4	2000	1	UG/L	UN
ACRA1A00	A	CRA	21	1	SELENIUM	N	1	2000	0.55	UG/L	U
ACRA1A00F	A	CRA	21	1	SELENIUM	Y	1	2000	0.55	UG/L	U
ACRA2A00	A	CRA	21	1	SELENIUM	N	2	2000	0.55	UG/L	U
ACRA2A00F	A	CRA	21	1	SELENIUM	Y	2	2000	0.5	UG/L	U
ACRA3A00	A	CRA	21	1	SELENIUM	N	3	2000	0.55	UG/L	U
ACRA3A00F	A	CRA	21	1	SELENIUM	Y	3	2000	0.5	UG/L	U
ACRA4A00	A	CRA	21	1	SELENIUM	N	4	2000	0.55	UG/L	U
ACRA4A00F	A	CRA	21	1	SELENIUM	Y	4	2000	0.5	UG/L	UN
ACRB1A00	A	CRB	22	1	SELENIUM	N	1	2000	0.55	UG/L	U
ACRB1A00F	A	CRB	22	1	SELENIUM	Y	1	2000	0.55	UG/L	U
ACRB2A00	A	CRB	22	1	SELENIUM	N	2	2000	0.55	UG/L	U
ACRB2A00F	A	CRB	22	1	SELENIUM	Y	2	2000	0.5	UG/L	U
ACRB3A00	A	CRB	22	1	SELENIUM	N	3	2000	0.55	UG/L	U
ACRB3A00F	A	CRB	22	1	SELENIUM	Y	3	2000	0.5	UG/L	U
ACRB4A00	A	CRB	22	1	SELENIUM	N	4	2000	0.55	UG/L	U
ACRB4A00F	A	CRB	22	1	SELENIUM	Y	4	2000	0.5	UG/L	UN
ASPA1A00	A	SPA	19	1	SELENIUM	N	1	2000	0.55	UG/L	U
ASPA1A00F	A	SPA	19	1	SELENIUM	Y	1	2000	0.55	UG/L	U
ASPA2A00	A	SPA	19	1	SELENIUM	N	2	2000	0.55	UG/L	U
ASPA2A00F	A	SPA	19	1	SELENIUM	Y	2	2000	0.5	UG/L	U
ASPA3A00	A	SPA	19	1	SELENIUM	N	3	2000	0.55	UG/L	U
ASPA3A00F	A	SPA	19	1	SELENIUM	Y	3	2000	0.5	UG/L	U
ASPA4A00	A	SPA	19	1	SELENIUM	N	4	2000	0.55	UG/L	U
ASPA4A00F	A	SPA	19	1	SELENIUM	Y	4	2000	1	UG/L	UN
ASPC1A00	A	SPC	20	1	SELENIUM	N	1	2000	0.55	UG/L	U
ASPC1A00F	A	SPC	20	1	SELENIUM	Y	1	2000	0.55	UG/L	U
ASPC2A00	A	SPC	20	1	SELENIUM	N	2	2000	0.55	UG/L	U
ASPC2A00F	A	SPC	20	1	SELENIUM	Y	2	2000	0.5	UG/L	U
ASPC3A00	A	SPC	20	1	SELENIUM	N	3	2000	0.55	UG/L	U
ASPC3A00F	A	SPC	20	1	SELENIUM	Y	3	2000	0.5	UG/L	U
ASPC4A00	A	SPC	20	1	SELENIUM	N	4	2000	0.55	UG/L	U
ASPC4A00F	A	SPC	20	1	SELENIUM	Y	4	2000	1	UG/L	UN
DC021A00	D	C02	1	1	SELENIUM	N	1	2000	0.55	UG/L	U
DC021A00F	D	C02	1	1	SELENIUM	Y	1	2000	0.55	UG/L	U
DC023A00	D	C02	1	1	SELENIUM	N	3	2000	0.55	UG/L	U
DC023A00F	D	C02	1	1	SELENIUM	Y	3	2000	0.5	UG/L	U
DC031A00	D	C03	2	1	SELENIUM	N	1	2000	0.55	UG/L	U
DC031A00F	D	C03	2	1	SELENIUM	Y	1	2000	0.55	UG/L	U
DC033A00	D	C03	2	1	SELENIUM	N	3	2000	0.55	UG/L	U
DC033A00F	D	C03	2	1	SELENIUM	Y	3	2000	0.5	UG/L	U
DC03P21A00	D	C03P2	1	2	SELENIUM	N	1	2000	0.55	UG/L	U
DC03P21A00F	D	C03P2	1	2	SELENIUM	Y	1	2000	0.55	UG/L	U

Table 7.22. Raw Data for Selenium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC03P23A00	D	C03P2	1	2	SELENIUM	N	3	2000	0.55	UG/L	U
DC03P23A00F	D	C03P2	1	2	SELENIUM	Y	3	2000	0.5	UG/L	U
DC041A00	D	C04	3	1	SELENIUM	N	1	2000	1.3	UG/L	
DC041A00F	D	C04	3	1	SELENIUM	Y	1	2000	0.55	UG/L	U
DC043A00	D	C04	3	1	SELENIUM	N	3	2000	1.2	UG/L	
DC043A00F	D	C04	3	1	SELENIUM	Y	3	2000	0.5	UG/L	U
DC04P21A00	D	C04P2	2	2	SELENIUM	N	1	2000	0.55	UG/L	U
DC04P21A00F	D	C04P2	2	2	SELENIUM	Y	1	2000	0.55	UG/L	U
DC04P23A00	D	C04P2	2	2	SELENIUM	N	3	2000	1.2	UG/L	
DC04P23A00F	D	C04P2	2	2	SELENIUM	Y	3	2000	0.5	UG/L	U
DC051A00	D	C05	4	1	SELENIUM	N	1	2000	0.55	UG/L	U
DC051A00F	D	C05	4	1	SELENIUM	Y	1	2000	0.55	UG/L	U
DC053B00	D	C05	4	1	SELENIUM	N	3	2000	0.55	UG/L	U
DC053B00F	D	C05	4	1	SELENIUM	Y	3	2000	0.5	UG/L	U
DC061A00	D	C06	5	1	SELENIUM	N	1	2000	0.55	UG/L	U
DC061A00F	D	C06	5	1	SELENIUM	Y	1	2000	0.55	UG/L	U
DC063A00	D	C06	5	1	SELENIUM	N	3	2000	0.55	UG/L	U
DC063A00F	D	C06	5	1	SELENIUM	Y	3	2000	0.5	UG/L	U
DC06P21A00	D	C06P2	3	2	SELENIUM	N	1	2000	0.55	UG/L	U
DC06P21A00F	D	C06P2	3	2	SELENIUM	Y	1	2000	0.55	UG/L	U
DC06P23A00	D	C06P2	3	2	SELENIUM	N	3	2000	0.55	UG/L	U
DC06P23A00F	D	C06P2	3	2	SELENIUM	Y	3	2000	0.5	UG/L	U
DC071A00	D	C07	6	1	SELENIUM	N	1	2000	0.55	UG/L	U
DC071A00F	D	C07	6	1	SELENIUM	Y	1	2000	0.55	UG/L	U
DC073A00	D	C07	6	1	SELENIUM	N	3	2000	0.55	UG/L	U
DC073A00F	D	C07	6	1	SELENIUM	Y	3	2000	0.5	UG/L	U
DC081A00	D	C08	7	1	SELENIUM	N	1	2000	0.55	UG/L	U
DC081A00F	D	C08	7	1	SELENIUM	Y	1	2000	0.55	UG/L	U
DC083A00	D	C08	7	1	SELENIUM	N	3	2000	0.55	UG/L	U
DC083A00F	D	C08	7	1	SELENIUM	Y	3	2000	0.5	UG/L	U
DC08P21A00	D	C08P2	4	2	SELENIUM	N	1	2000	0.55	UG/L	U
DC08P21A00F	D	C08P2	4	2	SELENIUM	Y	1	2000	0.55	UG/L	U
DC08P23A00	D	C08P2	4	2	SELENIUM	N	3	2000	0.5	UG/L	U
DC08P23A00F	D	C08P2	4	2	SELENIUM	Y	3	2000	0.5	UG/L	U
FD01310001	D	C06	5	1	SELENIUM	N	1	2000	0.55	UG/L	U
FD01310001F	D	C06	5	1	SELENIUM	Y	1	2000	0.55	UG/L	U
FD02140001	D	C03P2	1	2	SELENIUM	N	1	2000	0.55	UG/L	U
FD02140001F	D	C03P2	1	2	SELENIUM	Y	1	2000	0.55	UG/L	U
FD02230001	O	C11P2	1	2	SELENIUM	N	1	2000	0.55	UG/L	U
FD02230001F	O	C11P2	1	2	SELENIUM	Y	1	2000	0.55	UG/L	U
FD02280001	O	C13	4	1	SELENIUM	N	1	2000	1.4	UG/L	
FD02280001F	O	C13	4	1	SELENIUM	Y	1	2000	1.1	UG/L	
FD03140001	A	SPC	20	1	SELENIUM	N	1	2000	0.55	UG/L	U
FD03140001F	A	SPC	20	1	SELENIUM	Y	1	2000	0.55	UG/L	U
FD03250001	A	C09P2	8	1	SELENIUM	N	1	2000	2	UG/L	

Table 7.22. Raw Data for Selenium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD03250001F	A	C09P2	8	1	SELENIUM	Y	1	2000	1.6	UG/L	
FD03290001	A	SPA	19	1	SELENIUM	N	1	2000	0.55	UG/L	U
FD03290001F	A	SPA	19	1	SELENIUM	Y	1	2000	0.55	UG/L	U
FD04190001	O	C13P2	2	2	SELENIUM	N	2	2000	2.2	UG/L	
FD04190001F	O	C13P2	2	2	SELENIUM	Y	2	2000	2.6	UG/L	
FD05080001	O	C18	8	1	SELENIUM	N	2	2000	0.55	UG/L	U
FD05080001F	O	C18	8	1	SELENIUM	Y	2	2000	0.55	UG/L	U
FD06090001	A	CRA	21	1	SELENIUM	N	2	2000	1.1	UG/L	
FD06090001F	A	CRA	21	1	SELENIUM	Y	2	2000	0.5	UG/L	U
FD06230001	A	C10	9	1	SELENIUM	N	2	2000	2.6	UG/L	
FD06230001F	A	C10	9	1	SELENIUM	Y	2	2000	1.4	UG/L	
FD06280001	A	SPC	20	1	SELENIUM	N	2	2000	0.55	UG/L	U
FD06280001F	A	SPC	20	1	SELENIUM	Y	2	2000	0.5	UG/L	U
FD07290001	D	C05	4	1	SELENIUM	N	3	2000	0.55	UG/L	U
FD07290001F	D	C05	4	1	SELENIUM	Y	3	2000	0.5	UG/L	U
FD08090001	D	C02	1	1	SELENIUM	N	3	2000	0.55	UG/L	U
FD08090001F	D	C02	1	1	SELENIUM	Y	3	2000	0.5	UG/L	U
FD08250001	O	C14	5	1	SELENIUM	N	3	2000	1.1	UG/L	
FD08250001F	O	C14	5	1	SELENIUM	Y	3	2000	0.5	UG/L	U
FD08300001	O	C18P2	4	2	SELENIUM	N	3	2000	2.5	UG/L	
FD08300001F	O	C18P2	4	2	SELENIUM	Y	3	2000	1.4	UG/L	
FD09130001	A	C12	11	1	SELENIUM	N	3	2000	2.1	UG/L	
FD09130001F	A	C12	11	1	SELENIUM	Y	3	2000	0.5	UG/L	U
FD09200001	A	CRB	22	1	SELENIUM	N	3	2000	0.55	UG/L	U
FD09200001F	A	CRB	22	1	SELENIUM	Y	3	2000	0.5	UG/L	U
FD09290001	A	SPC	20	1	SELENIUM	N	3	2000	0.55	UG/L	U
FD09290001F	A	SPC	20	1	SELENIUM	Y	3	2000	0.5	UG/L	U
FD11190001	O	C14	5	1	SELENIUM	N	4	2000	0.55	UG/L	U
FD11190001F	O	C14	5	1	SELENIUM	Y	4	2000	0.5	UG/L	U
FD11200001	O	C13P2	2	2	SELENIUM	N	4	2000	0.55	UG/L	U
FD11200001F	O	C13P2	2	2	SELENIUM	Y	4	2000	0.5	UG/L	U
FD12010001	A	C09P2	8	1	SELENIUM	N	4	2000	1.7	UG/L	
FD12010001F	A	C09P2	8	1	SELENIUM	Y	4	2000	1.1	UG/L	N
FD12120001	A	CRB	22	1	SELENIUM	N	4	2000	0.55	UG/L	U
FD12120001F	A	CRB	22	1	SELENIUM	Y	4	2000	0.5	UG/L	UN
OC081A00	O	C08	1	1	SELENIUM	N	1	2000	0.55	UG/L	U
OC081A00F	O	C08	1	1	SELENIUM	Y	1	2000	0.55	UG/L	U
OC082A00	O	C08	1	1	SELENIUM	N	2	2000	0.55	UG/L	U
OC082A00F	O	C08	1	1	SELENIUM	Y	2	2000	0.55	UG/L	U
OC083A00	O	C08	1	1	SELENIUM	N	3	2000	0.55	UG/L	U
OC083A00F	O	C08	1	1	SELENIUM	Y	3	2000	0.5	UG/L	U
OC084A00	O	C08	1	1	SELENIUM	N	4	2000	0.55	UG/L	U
OC084A00F	O	C08	1	1	SELENIUM	Y	4	2000	0.5	UG/L	U
OC111A00	O	C11	2	1	SELENIUM	N	1	2000	0.55	UG/L	U
OC111A00F	O	C11	2	1	SELENIUM	Y	1	2000	0.55	UG/L	U

Table 7.22. Raw Data for Selenium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC112A00	O	C11	2	1	SELENIUM	N	2	2000	0.55	UG/L	U
OC112A00F	O	C11	2	1	SELENIUM	Y	2	2000	0.55	UG/L	U
OC113A00	O	C11	2	1	SELENIUM	N	3	2000	0.55	UG/L	U
OC113A00F	O	C11	2	1	SELENIUM	Y	3	2000	0.5	UG/L	U
OC114A00	O	C11	2	1	SELENIUM	N	4	2000	0.55	UG/L	U
OC114A00F	O	C11	2	1	SELENIUM	Y	4	2000	1	UG/L	UN
OC11P21A00	O	C11P2	1	2	SELENIUM	N	1	2000	0.55	UG/L	U
OC11P21A00F	O	C11P2	1	2	SELENIUM	Y	1	2000	0.55	UG/L	U
OC11P22A00	O	C11P2	1	2	SELENIUM	N	2	2000	0.55	UG/L	U
OC11P22A00F	O	C11P2	1	2	SELENIUM	Y	2	2000	0.55	UG/L	U
OC11P23A00	O	C11P2	1	2	SELENIUM	N	3	2000	0.55	UG/L	U
OC11P23A00F	O	C11P2	1	2	SELENIUM	Y	3	2000	0.5	UG/L	U
OC11P24A00	O	C11P2	1	2	SELENIUM	N	4	2000	0.55	UG/L	U
OC11P24A00F	O	C11P2	1	2	SELENIUM	Y	4	2000	1	UG/L	UN
OC121A00	O	C12	3	1	SELENIUM	N	1	2000	0.55	UG/L	U
OC121A00F	O	C12	3	1	SELENIUM	Y	1	2000	0.55	UG/L	U
OC122A00	O	C12	3	1	SELENIUM	N	2	2000	0.55	UG/L	U
OC122A00F	O	C12	3	1	SELENIUM	Y	2	2000	0.55	UG/L	U
OC123A00	O	C12	3	1	SELENIUM	N	3	2000	0.55	UG/L	U
OC123A00F	O	C12	3	1	SELENIUM	Y	3	2000	0.5	UG/L	U
OC124A00	O	C12	3	1	SELENIUM	N	4	2000	0.55	UG/L	U
OC124A00F	O	C12	3	1	SELENIUM	Y	4	2000	0.5	UG/L	U
OC131A00	O	C13	4	1	SELENIUM	N	1	2000	1.4	UG/L	
OC131A00F	O	C13	4	1	SELENIUM	Y	1	2000	1.8	UG/L	
OC132A00	O	C13	4	1	SELENIUM	N	2	2000	2	UG/L	
OC132A00F	O	C13	4	1	SELENIUM	Y	2	2000	2.1	UG/L	
OC133A00	O	C13	4	1	SELENIUM	N	3	2000	1.9	UG/L	
OC133A00F	O	C13	4	1	SELENIUM	Y	3	2000	0.5	UG/L	U
OC134A00	O	C13	4	1	SELENIUM	N	4	2000	1.7	UG/L	
OC134A00F	O	C13	4	1	SELENIUM	Y	4	2000	0.5	UG/L	U
OC13P21A00	O	C13P2	2	2	SELENIUM	N	1	2000	0.55	UG/L	U
OC13P21A00F	O	C13P2	2	2	SELENIUM	Y	1	2000	0.55	UG/L	U
OC13P22A00	O	C13P2	2	2	SELENIUM	N	2	2000	1.7	UG/L	
OC13P22A00F	O	C13P2	2	2	SELENIUM	Y	2	2000	2	UG/L	
OC13P23A00	O	C13P2	2	2	SELENIUM	N	3	2000	1.6	UG/L	
OC13P23A00F	O	C13P2	2	2	SELENIUM	Y	3	2000	0.5	UG/L	U
OC13P24A00	O	C13P2	2	2	SELENIUM	N	4	2000	1.1	UG/L	
OC13P24A00F	O	C13P2	2	2	SELENIUM	Y	4	2000	0.5	UG/L	U
OC141A00	O	C14	5	1	SELENIUM	N	1	2000	0.55	UG/L	U
OC141A00F	O	C14	5	1	SELENIUM	Y	1	2000	0.55	UG/L	U
OC142A00	O	C14	5	1	SELENIUM	N	2	2000	1.8	UG/L	
OC142A00F	O	C14	5	1	SELENIUM	Y	2	2000	0.55	UG/L	U
OC143A00	O	C14	5	1	SELENIUM	N	3	2000	1.1	UG/L	
OC143A00F	O	C14	5	1	SELENIUM	Y	3	2000	0.5	UG/L	U
OC144A00	O	C14	5	1	SELENIUM	N	4	2000	0.55	UG/L	U

Table 7.22. Raw Data for Selenium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC144A00F	O	C14	5	1	SELENIUM	Y	4	2000	0.5	UG/L	U
OC14P21A00	O	C14P2	3	2	SELENIUM	N	1	2000	0.55	UG/L	U
OC14P21A00F	O	C14P2	3	2	SELENIUM	Y	1	2000	0.55	UG/L	U
OC14P22A00	O	C14P2	3	2	SELENIUM	N	2	2000	0.55	UG/L	U
OC14P22A00F	O	C14P2	3	2	SELENIUM	Y	2	2000	0.55	UG/L	U
OC14P23A00	O	C14P2	3	2	SELENIUM	N	3	2000	0.55	UG/L	U
OC14P23A00F	O	C14P2	3	2	SELENIUM	Y	3	2000	0.5	UG/L	U
OC14P24A00	O	C14P2	3	2	SELENIUM	N	4	2000	0.55	UG/L	U
OC14P24A00F	O	C14P2	3	2	SELENIUM	Y	4	2000	0.5	UG/L	U
OC151A00	O	C15	6	1	SELENIUM	N	1	2000	0.55	UG/L	U
OC151A00F	O	C15	6	1	SELENIUM	Y	1	2000	0.55	UG/L	U
OC152A00	O	C15	6	1	SELENIUM	N	2	2000	1.1	UG/L	
OC152A00F	O	C15	6	1	SELENIUM	Y	2	2000	0.55	UG/L	U
OC153A00	O	C15	6	1	SELENIUM	N	3	2000	1.2	UG/L	
OC153A00F	O	C15	6	1	SELENIUM	Y	3	2000	0.5	UG/L	U
OC154A00	O	C15	6	1	SELENIUM	N	4	2000	0.55	UG/L	U
OC154A00F	O	C15	6	1	SELENIUM	Y	4	2000	0.5	UG/L	U
OC161A00	O	C16	7	1	SELENIUM	N	1	2000	0.55	UG/L	U
OC161A00F	O	C16	7	1	SELENIUM	Y	1	2000	0.55	UG/L	U
OC162A00	O	C16	7	1	SELENIUM	N	2	2000	0.55	UG/L	U
OC162A00F	O	C16	7	1	SELENIUM	Y	2	2000	0.55	UG/L	U
OC163A00	O	C16	7	1	SELENIUM	N	3	2000	0.55	UG/L	U
OC163A00F	O	C16	7	1	SELENIUM	Y	3	2000	0.5	UG/L	U
OC164A00	O	C16	7	1	SELENIUM	N	4	2000	0.55	UG/L	U
OC164A00F	O	C16	7	1	SELENIUM	Y	4	2000	0.5	UG/L	U
OC181A00	O	C18	8	1	SELENIUM	N	1	2000	0.55	UG/L	U
OC181A00F	O	C18	8	1	SELENIUM	Y	1	2000	0.55	UG/L	U
OC182A00	O	C18	8	1	SELENIUM	N	2	2000	0.55	UG/L	U
OC182A00F	O	C18	8	1	SELENIUM	Y	2	2000	0.55	UG/L	U
OC183A00	O	C18	8	1	SELENIUM	N	3	2000	1.1	UG/L	
OC183A00F	O	C18	8	1	SELENIUM	Y	3	2000	0.5	UG/L	U
OC184A00	O	C18	8	1	SELENIUM	N	4	2000	0.55	UG/L	U
OC184A00F	O	C18	8	1	SELENIUM	Y	4	2000	0.5	UG/L	U
OC18P21A00	O	C18P2	4	2	SELENIUM	N	1	2000	1.3	UG/L	
OC18P21A00F	O	C18P2	4	2	SELENIUM	Y	1	2000	1.1	UG/L	
OC18P22A00	O	C18P2	4	2	SELENIUM	N	2	2000	2.6	UG/L	
OC18P22A00F	O	C18P2	4	2	SELENIUM	Y	2	2000	2.4	UG/L	
OC18P23A00	O	C18P2	4	2	SELENIUM	N	3	2000	2.9	UG/L	
OC18P23A00F	O	C18P2	4	2	SELENIUM	Y	3	2000	1.7	UG/L	
OC18P24A00	O	C18P2	4	2	SELENIUM	N	4	2000	1.8	UG/L	
OC18P24A00F	O	C18P2	4	2	SELENIUM	Y	4	2000	1.5	UG/L	
OC191A00	O	C19	9	1	SELENIUM	N	1	2000	0.55	UG/L	U
OC191A00F	O	C19	9	1	SELENIUM	Y	1	2000	0.55	UG/L	U
OC192A00	O	C19	9	1	SELENIUM	N	2	2000	0.55	UG/L	U
OC192A00F	O	C19	9	1	SELENIUM	Y	2	2000	0.5	UG/L	U

Table 7.22. Raw Data for Selenium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC193A00	O	C19	9	1	SELENIUM	N	3	2000	0.55	UG/L	U
OC193A00F	O	C19	9	1	SELENIUM	Y	3	2000	0.5	UG/L	U
OC194A00	O	C19	9	1	SELENIUM	N	4	2000	0.55	UG/L	U
OC194A00F	O	C19	9	1	SELENIUM	Y	4	2000	0.5	UG/L	U
OC19P21A00	O	C19P2	5	2	SELENIUM	N	1	2000	0.55	UG/L	U
OC19P21A00F	O	C19P2	5	2	SELENIUM	Y	1	2000	0.55	UG/L	U
OC19P22100F	O	C19P2	5	2	SELENIUM	Y	2	2000	0.5	UG/L	U
OC19P22A00	O	C19P2	5	2	SELENIUM	N	2	2000	0.55	UG/L	U
OC19P23A00	O	C19P2	5	2	SELENIUM	N	3	2000	0.55	UG/L	U
OC19P23A00F	O	C19P2	5	2	SELENIUM	Y	3	2000	0.5	UG/L	U
OC19P24A00	O	C19P2	5	2	SELENIUM	N	4	2000	0.55	UG/L	U
OC19P24A00F	O	C19P2	5	2	SELENIUM	Y	4	2000	0.5	UG/L	U

Table 7.23. Raw Data for Sodium.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00F	A	B02	1	1	SODIUM	Y	1	2000	8040	UG/L	N
AB022A00F	A	B02	1	1	SODIUM	Y	2	2000	8200	UG/L	
AB023A00F	A	B02	1	1	SODIUM	Y	3	2000	8020	UG/L	
AB041A00F	A	B04	2	1	SODIUM	Y	1	2000	5790	UG/L	
AB042A00F	A	B04	2	1	SODIUM	Y	2	2000	5980	UG/L	
AB043A00F	A	B04	2	1	SODIUM	Y	3	2000	5790	UG/L	
AC02P21A00F	A	C02P2	3	1	SODIUM	Y	1	2000	29200	UG/L	
AC02P22A00F	A	C02P2	3	1	SODIUM	Y	2	2000	34500	UG/L	
AC02P23A00F	A	C02P2	3	1	SODIUM	Y	3	2000	34900	UG/L	J
AC031A00F	A	C03	4	1	SODIUM	Y	1	2000	214000	UG/L	N
AC032A00F	A	C03	4	1	SODIUM	Y	2	2000	218000	UG/L	
AC033A00F	A	C03	4	1	SODIUM	Y	3	2000	221000	UG/L	J
AC041A00F	A	C04	5	1	SODIUM	Y	1	2000	60100	UG/L	
AC042A00F	A	C04	5	1	SODIUM	Y	2	2000	50600	UG/L	
AC043A00F	A	C04	5	1	SODIUM	Y	3	2000	50100	UG/L	J
AC071A00F	A	C07	6	1	SODIUM	Y	1	2000	23000	UG/L	
AC072A00F	A	C07	6	1	SODIUM	Y	2	2000	21900	UG/L	
AC073A00F	A	C07	6	1	SODIUM	Y	3	2000	20700	UG/L	J
AC08P21A00F	A	C08P2	7	1	SODIUM	Y	1	2000	14400	UG/L	N
AC08P22A00F	A	C08P2	7	1	SODIUM	Y	2	2000	13000	UG/L	
AC08P23A00F	A	C08P2	7	1	SODIUM	Y	3	2000	12400	UG/L	J
AC09P21A00F	A	C09P2	8	1	SODIUM	Y	1	2000	4370	UG/L	
AC09P22A00F	A	C09P2	8	1	SODIUM	Y	2	2000	4380	UG/L	
AC09P23A00F	A	C09P2	8	1	SODIUM	Y	3	2000	4140	UG/L	
AC101A00F	A	C10	9	1	SODIUM	Y	1	2000	6820	UG/L	N
AC102A00F	A	C10	9	1	SODIUM	Y	2	2000	7080	UG/L	
AC103A00F	A	C10	9	1	SODIUM	Y	3	2000	6600	UG/L	
AC111A00F	A	C11	10	1	SODIUM	Y	1	2000	84400	UG/L	
AC112A00F	A	C11	10	1	SODIUM	Y	2	2000	79200	UG/L	

Table 7.23. Raw Data for Sodium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC113A00F	A	C11	10	1	SODIUM	Y	3	2000	82600	UG/L	J
AC121A00F	A	C12	11	1	SODIUM	Y	1	2000	10500	UG/L	
AC122A00F	A	C12	11	1	SODIUM	Y	2	2000	13600	UG/L	
AC123A00F	A	C12	11	1	SODIUM	Y	3	2000	23000	UG/L	J
AC151A00F	A	C15	12	1	SODIUM	Y	1	2000	25700	UG/L	
AC152A00F	A	C15	12	1	SODIUM	Y	2	2000	26200	UG/L	
AC153A00F	A	C15	12	1	SODIUM	Y	3	2000	24900	UG/L	J
AC171A00F	A	C17	13	1	SODIUM	Y	1	2000	103000	UG/L	N
AC172A00F	A	C17	13	1	SODIUM	Y	2	2000	103000	UG/L	
AC173A00F	A	C17	13	1	SODIUM	Y	3	2000	107000	UG/L	J
AC201A00F	A	C20	14	1	SODIUM	Y	1	2000	12000	UG/L	
AC202A00F	A	C20	14	1	SODIUM	Y	2	2000	11900	UG/L	
AC203A00F	A	C20	14	1	SODIUM	Y	3	2000	11600	UG/L	
AC251A00F	A	C25	15	1	SODIUM	Y	1	2000	62000	UG/L	
AC252A00F	A	C25	15	1	SODIUM	Y	2	2000	60500	UG/L	
AC253A00F	A	C25	15	1	SODIUM	Y	3	2000	64000	UG/L	J
AC261A00F	A	C26	16	1	SODIUM	Y	1	2000	15400	UG/L	N
AC262A00F	A	C26	16	1	SODIUM	Y	2	2000	15500	UG/L	
AC263A00F	A	C26	16	1	SODIUM	Y	3	2000	15800	UG/L	J
AC271A00F	A	C27	17	1	SODIUM	Y	1	2000	5440	UG/L	N
AC272A00F	A	C27	17	1	SODIUM	Y	2	2000	5610	UG/L	
AC273A00F	A	C27	17	1	SODIUM	Y	3	2000	5420	UG/L	
AC301A00F	A	C30	18	1	SODIUM	Y	1	2000	69600	UG/L	
AC302A00F	A	C30	18	1	SODIUM	Y	2	2000	56600	UG/L	
AC303A00F	A	C30	18	1	SODIUM	Y	3	2000	62300	UG/L	J
ACRA1A00F	A	CRA	21	1	SODIUM	Y	1	2000	3090	UG/L	
ACRA2A00F	A	CRA	21	1	SODIUM	Y	2	2000	4750	UG/L	
ACRA3A00F	A	CRA	21	1	SODIUM	Y	3	2000	4050	UG/L	
ACRB1A00F	A	CRB	22	1	SODIUM	Y	1	2000	3160	UG/L	
ACRB2A00F	A	CRB	22	1	SODIUM	Y	2	2000	4030	UG/L	
ACRB3A00F	A	CRB	22	1	SODIUM	Y	3	2000	3520	UG/L	
ASPA1A00F	A	SPA	19	1	SODIUM	Y	1	2000	3480	UG/L	N
ASPA2A00F	A	SPA	19	1	SODIUM	Y	2	2000	3540	UG/L	
ASPA3A00F	A	SPA	19	1	SODIUM	Y	3	2000	3420	UG/L	
ASPC1A00F	A	SPC	20	1	SODIUM	Y	1	2000	3290	UG/L	
ASPC2A00F	A	SPC	20	1	SODIUM	Y	2	2000	3090	UG/L	
ASPC3A00F	A	SPC	20	1	SODIUM	Y	3	2000	2920	UG/L	
DC021A00F	D	C02	1	1	SODIUM	Y	1	2000	18200	UG/L	
DC041A00F	D	C04	3	1	SODIUM	Y	1	2000	39400	UG/L	
DC04P21A00F	D	C04P2	2	2	SODIUM	Y	1	2000	117000	UG/L	
DC051A00F	D	C05	4	1	SODIUM	Y	1	2000	153000	UG/L	
DC061A00F	D	C06	5	1	SODIUM	Y	1	2000	167000	UG/L	
DC06P21A00F	D	C06P2	3	2	SODIUM	Y	1	2000	11500	UG/L	
DC071A00	D	C07	6	1	SODIUM	N	1	2000	133000	UG/L	
DC071A00F	D	C07	6	1	SODIUM	Y	1	2000	131000	UG/L	

Table 7.23. Raw Data for Sodium. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD01310001F	D	C06	5	1	SODIUM	Y	1	2000	169000	UG/L	
FD02280001F	O	C13	4	1	SODIUM	Y	1	2000	32100	UG/L	
FD03140001F	A	SPC	20	1	SODIUM	Y	1	2000	3290	UG/L	
FD03250001F	A	C09P2	8	1	SODIUM	Y	1	2000	4330	UG/L	
FD03290001F	A	SPA	19	1	SODIUM	Y	1	2000	3540	UG/L	N
FD06090001F	A	CRA	21	1	SODIUM	Y	2	2000	4770	UG/L	
FD06230001F	A	C10	9	1	SODIUM	Y	2	2000	7070	UG/L	
FD06280001F	A	SPC	20	1	SODIUM	Y	2	2000	3080	UG/L	
FD09130001F	A	C12	11	1	SODIUM	Y	3	2000	22100	UG/L	J
FD09200001F	A	CRB	22	1	SODIUM	Y	3	2000	3580	UG/L	
FD09290001F	A	SPC	20	1	SODIUM	Y	3	2000	2940	UG/L	
OC081A00F	O	C08	1	1	SODIUM	Y	1	2000	207000	UG/L	
OC111A00F	O	C11	2	1	SODIUM	Y	1	2000	159000	UG/L	
OC121A00F	O	C12	3	1	SODIUM	Y	1	2000	4990	UG/L	
OC131A00F	O	C13	4	1	SODIUM	Y	1	2000	30500	UG/L	
OC13P21A00F	O	C13P2	2	2	SODIUM	Y	1	2000	30800	UG/L	
OC141A00F	O	C14	5	1	SODIUM	Y	1	2000	10200	UG/L	
OC14P21A00F	O	C14P2	3	2	SODIUM	Y	1	2000	6060	UG/L	
OC151A00F	O	C15	6	1	SODIUM	Y	1	2000	8870	UG/L	
OC191A00F	O	C19	9	1	SODIUM	Y	1	2000	24300	UG/L	

Table 7.24. Raw Data for Zinc.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	ZINC	N	1	2000	49.7	UG/L	
AB021A00F	A	B02	1	1	ZINC	Y	1	2000	5.55	UG/L	U
AB022A00	A	B02	1	1	ZINC	N	2	2000	14.3	UG/L	
AB022A00F	A	B02	1	1	ZINC	Y	2	2000	51.1	UG/L	
AB023A00	A	B02	1	1	ZINC	N	3	2000	5.55	UG/L	U
AB023A00F	A	B02	1	1	ZINC	Y	3	2000	5	UG/L	U
AB024A00	A	B02	1	1	ZINC	N	4	2000	5.55	UG/L	U
AB024A00F	A	B02	1	1	ZINC	Y	4	2000	5	UG/L	U
AB041A00	A	B04	2	1	ZINC	N	1	2000	15.1	UG/L	
AB041A00F	A	B04	2	1	ZINC	Y	1	2000	27.2	UG/L	
AB042A00	A	B04	2	1	ZINC	N	2	2000	5.55	UG/L	U
AB042A00F	A	B04	2	1	ZINC	Y	2	2000	5	UG/L	U
AB043A00	A	B04	2	1	ZINC	N	3	2000	5.55	UG/L	U
AB043A00F	A	B04	2	1	ZINC	Y	3	2000	5	UG/L	U
AB044A00	A	B04	2	1	ZINC	N	4	2000	5.55	UG/L	U
AB044A00F	A	B04	2	1	ZINC	Y	4	2000	5	UG/L	U
AC02P21A00	A	C02P2	3	1	ZINC	N	1	2000	5.55	UG/L	U
AC02P21A00F	A	C02P2	3	1	ZINC	Y	1	2000	5.5	UG/L	U
AC02P22A00	A	C02P2	3	1	ZINC	N	2	2000	5.55	UG/L	U
AC02P22A00F	A	C02P2	3	1	ZINC	Y	2	2000	5	UG/L	U
AC02P23A00	A	C02P2	3	1	ZINC	N	3	2000	5.55	UG/L	U

Table 7.24. Raw Data for Zinc. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC02P23A00F	A	C02P2	3	1	ZINC	Y	3	2000	5	UG/L	U
AC02P24A00	A	C02P2	3	1	ZINC	N	4	2000	5.55	UG/L	U
AC02P24A00F	A	C02P2	3	1	ZINC	Y	4	2000	5	UG/L	U
AC031A00	A	C03	4	1	ZINC	N	1	2000	5.55	UG/L	U
AC031A00F	A	C03	4	1	ZINC	Y	1	2000	103	UG/L	
AC032A00	A	C03	4	1	ZINC	N	2	2000	5.55	UG/L	U
AC032A00F	A	C03	4	1	ZINC	Y	2	2000	5	UG/L	U
AC033A00	A	C03	4	1	ZINC	N	3	2000	5.55	UG/L	U
AC033A00F	A	C03	4	1	ZINC	Y	3	2000	5	UG/L	U
AC034A00	A	C03	4	1	ZINC	N	4	2000	21.6	UG/L	
AC034A00F	A	C03	4	1	ZINC	Y	4	2000	5	UG/L	U
AC041A00	A	C04	5	1	ZINC	N	1	2000	41.3	UG/L	
AC041A00F	A	C04	5	1	ZINC	Y	1	2000	11	UG/L	
AC042A00	A	C04	5	1	ZINC	N	2	2000	15.1	UG/L	
AC042A00F	A	C04	5	1	ZINC	Y	2	2000	11.4	UG/L	
AC043A00	A	C04	5	1	ZINC	N	3	2000	12.9	UG/L	
AC043A00F	A	C04	5	1	ZINC	Y	3	2000	5	UG/L	U
AC044A00	A	C04	5	1	ZINC	N	4	2000	5.55	UG/L	U
AC044A00F	A	C04	5	1	ZINC	Y	4	2000	5	UG/L	U
AC071A00	A	C07	6	1	ZINC	N	1	2000	5.55	UG/L	U
AC071A00F	A	C07	6	1	ZINC	Y	1	2000	232	UG/L	
AC072A00	A	C07	6	1	ZINC	N	2	2000	13.8	UG/L	
AC072A00F	A	C07	6	1	ZINC	Y	2	2000	5	UG/L	U
AC073A00	A	C07	6	1	ZINC	N	3	2000	5.55	UG/L	U
AC073A00F	A	C07	6	1	ZINC	Y	3	2000	5	UG/L	U
AC074A00	A	C07	6	1	ZINC	N	4	2000	5.55	UG/L	U
AC074A00F	A	C07	6	1	ZINC	Y	4	2000	5	UG/L	U
AC08P21A00	A	C08P2	7	1	ZINC	N	1	2000	5.55	UG/L	U
AC08P21A00F	A	C08P2	7	1	ZINC	Y	1	2000	16.3	UG/L	
AC08P22A00	A	C08P2	7	1	ZINC	N	2	2000	18.4	UG/L	
AC08P22A00F	A	C08P2	7	1	ZINC	Y	2	2000	5	UG/L	U
AC08P23A00	A	C08P2	7	1	ZINC	N	3	2000	5.55	UG/L	U
AC08P23A00F	A	C08P2	7	1	ZINC	Y	3	2000	5	UG/L	U
AC08P24A00	A	C08P2	7	1	ZINC	N	4	2000	5.55	UG/L	U
AC08P24A00F	A	C08P2	7	1	ZINC	Y	4	2000	5	UG/L	U
AC09P21A00	A	C09P2	8	1	ZINC	N	1	2000	5.55	UG/L	U
AC09P21A00F	A	C09P2	8	1	ZINC	Y	1	2000	5.55	UG/L	U
AC09P22A00	A	C09P2	8	1	ZINC	N	2	2000	5.55	UG/L	U
AC09P22A00F	A	C09P2	8	1	ZINC	Y	2	2000	5	UG/L	U
AC09P23A00	A	C09P2	8	1	ZINC	N	3	2000	24.8	UG/L	
AC09P23A00F	A	C09P2	8	1	ZINC	Y	3	2000	5	UG/L	U
AC09P24A00	A	C09P2	8	1	ZINC	N	4	2000	5.55	UG/L	U
AC09P24A00F	A	C09P2	8	1	ZINC	Y	4	2000	5	UG/L	U
AC101A00	A	C10	9	1	ZINC	N	1	2000	5.55	UG/L	U
AC101A00F	A	C10	9	1	ZINC	Y	1	2000	5.55	UG/L	U

Table 7.24. Raw Data for Zinc. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC102A00	A	C10	9	1	ZINC	N	2	2000	5.55	UG/L	U
AC102A00F	A	C10	9	1	ZINC	Y	2	2000	5	UG/L	U
AC103A00	A	C10	9	1	ZINC	N	3	2000	5.55	UG/L	U
AC103A00F	A	C10	9	1	ZINC	Y	3	2000	5	UG/L	U
AC104A00	A	C10	9	1	ZINC	N	4	2000	5.55	UG/L	U
AC104A00F	A	C10	9	1	ZINC	Y	4	2000	5	UG/L	U
AC111A00	A	C11	10	1	ZINC	N	1	2000	5.55	UG/L	U
AC111A00F	A	C11	10	1	ZINC	Y	1	2000	11.2	UG/L	
AC112A00	A	C11	10	1	ZINC	N	2	2000	35.3	UG/L	
AC112A00F	A	C11	10	1	ZINC	Y	2	2000	5	UG/L	U
AC113A00	A	C11	10	1	ZINC	N	3	2000	5.55	UG/L	U
AC113A00F	A	C11	10	1	ZINC	Y	3	2000	5	UG/L	U
AC114A00	A	C11	10	1	ZINC	N	4	2000	39.3	UG/L	
AC114A00F	A	C11	10	1	ZINC	Y	4	2000	5	UG/L	U
AC121A00	A	C12	11	1	ZINC	N	1	2000	5.55	UG/L	U
AC121A00F	A	C12	11	1	ZINC	Y	1	2000	5.55	UG/L	U
AC122A00	A	C12	11	1	ZINC	N	2	2000	16.7	UG/L	
AC122A00F	A	C12	11	1	ZINC	Y	2	2000	5	UG/L	U
AC123A00	A	C12	11	1	ZINC	N	3	2000	5.55	UG/L	U
AC123A00F	A	C12	11	1	ZINC	Y	3	2000	5	UG/L	U
AC124A00	A	C12	11	1	ZINC	N	4	2000	5.55	UG/L	U
AC124A00F	A	C12	11	1	ZINC	Y	4	2000	5	UG/L	U
AC151A00	A	C15	12	1	ZINC	N	1	2000	5.55	UG/L	U
AC151A00F	A	C15	12	1	ZINC	Y	1	2000	286	UG/L	
AC152A00	A	C15	12	1	ZINC	N	2	2000	5.55	UG/L	U
AC152A00F	A	C15	12	1	ZINC	Y	2	2000	5	UG/L	U
AC153A00	A	C15	12	1	ZINC	N	3	2000	5.55	UG/L	U
AC153A00F	A	C15	12	1	ZINC	Y	3	2000	5	UG/L	U
AC154A00	A	C15	12	1	ZINC	N	4	2000	5.55	UG/L	U
AC154A00F	A	C15	12	1	ZINC	Y	4	2000	5	UG/L	U
AC171A00	A	C17	13	1	ZINC	N	1	2000	12.4	UG/L	
AC171A00F	A	C17	13	1	ZINC	Y	1	2000	5.55	UG/L	U
AC172A00	A	C17	13	1	ZINC	N	2	2000	5.55	UG/L	U
AC172A00F	A	C17	13	1	ZINC	Y	2	2000	5	UG/L	U
AC173A00	A	C17	13	1	ZINC	N	3	2000	19.9	UG/L	
AC173A00F	A	C17	13	1	ZINC	Y	3	2000	5	UG/L	U
AC174A00	A	C17	13	1	ZINC	N	4	2000	5.55	UG/L	U
AC174A00F	A	C17	13	1	ZINC	Y	4	2000	5	UG/L	U
AC201A00	A	C20	14	1	ZINC	N	1	2000	5.55	UG/L	U
AC201A00F	A	C20	14	1	ZINC	Y	1	2000	57.7	UG/L	
AC202A00	A	C20	14	1	ZINC	N	2	2000	5.55	UG/L	U
AC202A00F	A	C20	14	1	ZINC	Y	2	2000	5	UG/L	U
AC203A00	A	C20	14	1	ZINC	N	3	2000	5.55	UG/L	U
AC203A00F	A	C20	14	1	ZINC	Y	3	2000	5	UG/L	U
AC204A00	A	C20	14	1	ZINC	N	4	2000	39.8	UG/L	

Table 7.24. Raw Data for Zinc. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC204A00F	A	C20	14	1	ZINC	Y	4	2000	5	UG/L	U
AC251A00	A	C25	15	1	ZINC	N	1	2000	5.55	UG/L	U
AC251A00F	A	C25	15	1	ZINC	Y	1	2000	5.55	UG/L	U
AC252A00	A	C25	15	1	ZINC	N	2	2000	5.55	UG/L	U
AC252A00F	A	C25	15	1	ZINC	Y	2	2000	5	UG/L	U
AC253A00	A	C25	15	1	ZINC	N	3	2000	5.55	UG/L	U
AC253A00F	A	C25	15	1	ZINC	Y	3	2000	5	UG/L	U
AC254A00	A	C25	15	1	ZINC	N	4	2000	5.55	UG/L	U
AC254A00F	A	C25	15	1	ZINC	Y	4	2000	5	UG/L	U
AC261A00	A	C26	16	1	ZINC	N	1	2000	37.8	UG/L	
AC261A00F	A	C26	16	1	ZINC	Y	1	2000	5.55	UG/L	U
AC262A00	A	C26	16	1	ZINC	N	2	2000	5.55	UG/L	U
AC262A00F	A	C26	16	1	ZINC	Y	2	2000	5	UG/L	U
AC263A00	A	C26	16	1	ZINC	N	3	2000	5.55	UG/L	U
AC263A00F	A	C26	16	1	ZINC	Y	3	2000	5	UG/L	U
AC264A00	A	C26	16	1	ZINC	N	4	2000	5.55	UG/L	U
AC264A00F	A	C26	16	1	ZINC	Y	4	2000	5	UG/L	U
AC271A00	A	C27	17	1	ZINC	N	1	2000	41.3	UG/L	
AC271A00F	A	C27	17	1	ZINC	Y	1	2000	5.55	UG/L	U
AC272A00	A	C27	17	1	ZINC	N	2	2000	37.7	UG/L	
AC272A00F	A	C27	17	1	ZINC	Y	2	2000	5	UG/L	U
AC273A00	A	C27	17	1	ZINC	N	3	2000	5.55	UG/L	U
AC273A00F	A	C27	17	1	ZINC	Y	3	2000	5	UG/L	U
AC274A00	A	C27	17	1	ZINC	N	4	2000	5.55	UG/L	U
AC274A00F	A	C27	17	1	ZINC	Y	4	2000	5	UG/L	U
AC301A00	A	C30	18	1	ZINC	N	1	2000	5.55	UG/L	U
AC301A00F	A	C30	18	1	ZINC	Y	1	2000	49.2	UG/L	
AC302A00	A	C30	18	1	ZINC	N	2	2000	5.55	UG/L	U
AC302A00F	A	C30	18	1	ZINC	Y	2	2000	5	UG/L	U
AC303A00	A	C30	18	1	ZINC	N	3	2000	11.1	UG/L	UN
AC303A00F	A	C30	18	1	ZINC	Y	3	2000	5	UG/L	U
AC304A00	A	C30	18	1	ZINC	N	4	2000	5.55	UG/L	U
AC304A00F	A	C30	18	1	ZINC	Y	4	2000	5	UG/L	U
ACRA1A00	A	CRA	21	1	ZINC	N	1	2000	5.55	UG/L	U
ACRA1A00F	A	CRA	21	1	ZINC	Y	1	2000	15.3	UG/L	
ACRA2A00	A	CRA	21	1	ZINC	N	2	2000	5.55	UG/L	U
ACRA2A00F	A	CRA	21	1	ZINC	Y	2	2000	10.1	UG/L	
ACRA3A00	A	CRA	21	1	ZINC	N	3	2000	5.55	UG/L	UN
ACRA3A00F	A	CRA	21	1	ZINC	Y	3	2000	5	UG/L	U
ACRA4A00	A	CRA	21	1	ZINC	N	4	2000	5.55	UG/L	U
ACRA4A00F	A	CRA	21	1	ZINC	Y	4	2000	5	UG/L	U
ACRB1A00	A	CRB	22	1	ZINC	N	1	2000	5.55	UG/L	U
ACRB1A00F	A	CRB	22	1	ZINC	Y	1	2000	113	UG/L	
ACRB2A00	A	CRB	22	1	ZINC	N	2	2000	5.55	UG/L	U
ACRB2A00F	A	CRB	22	1	ZINC	Y	2	2000	5	UG/L	U

Table 7.24. Raw Data for Zinc. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRB3A00	A	CRB	22	1	ZINC	N	3	2000	12.3	UG/L	N
ACRB3A00F	A	CRB	22	1	ZINC	Y	3	2000	5	UG/L	U
ACRB4A00	A	CRB	22	1	ZINC	N	4	2000	5.55	UG/L	U
ACRB4A00F	A	CRB	22	1	ZINC	Y	4	2000	5	UG/L	U
ASPA1A00	A	SPA	19	1	ZINC	N	1	2000	35.1	UG/L	
ASPA1A00F	A	SPA	19	1	ZINC	Y	1	2000	5.55	UG/L	U
ASPA2A00	A	SPA	19	1	ZINC	N	2	2000	15.4	UG/L	
ASPA2A00F	A	SPA	19	1	ZINC	Y	2	2000	5	UG/L	U
ASPA3A00	A	SPA	19	1	ZINC	N	3	2000	15.7	UG/L	N
ASPA3A00F	A	SPA	19	1	ZINC	Y	3	2000	5	UG/L	U
ASPA4A00	A	SPA	19	1	ZINC	N	4	2000	5.55	UG/L	U
ASPA4A00F	A	SPA	19	1	ZINC	Y	4	2000	5	UG/L	U
ASPC1A00	A	SPC	20	1	ZINC	N	1	2000	77.6	UG/L	
ASPC1A00F	A	SPC	20	1	ZINC	Y	1	2000	5.55	UG/L	U
ASPC2A00	A	SPC	20	1	ZINC	N	2	2000	5.55	UG/L	U
ASPC2A00F	A	SPC	20	1	ZINC	Y	2	2000	5	UG/L	U
ASPC3A00	A	SPC	20	1	ZINC	N	3	2000	12.4	UG/L	N
ASPC3A00F	A	SPC	20	1	ZINC	Y	3	2000	30.2	UG/L	
ASPC4A00	A	SPC	20	1	ZINC	N	4	2000	5.55	UG/L	U
ASPC4A00F	A	SPC	20	1	ZINC	Y	4	2000	5	UG/L	U
DC021A00	D	C02	1	1	ZINC	N	1	2000	5.55	UG/L	U
DC021A00F	D	C02	1	1	ZINC	Y	1	2000	5.55	UG/L	U
DC023A00	D	C02	1	1	ZINC	N	3	2000	40.5	UG/L	
DC023A00F	D	C02	1	1	ZINC	Y	3	2000	5	UG/L	U
DC031A00	D	C03	2	1	ZINC	N	1	2000	5.55	UG/L	U
DC031A00F	D	C03	2	1	ZINC	Y	1	2000	5.55	UG/L	U
DC033A00	D	C03	2	1	ZINC	N	3	2000	5.55	UG/L	U
DC033A00F	D	C03	2	1	ZINC	Y	3	2000	5	UG/L	U
DC03P21A00	D	C03P2	1	2	ZINC	N	1	2000	5.55	UG/L	U
DC03P21A00F	D	C03P2	1	2	ZINC	Y	1	2000	5.55	UG/L	U
DC03P23A00	D	C03P2	1	2	ZINC	N	3	2000	5.55	UG/L	U
DC03P23A00F	D	C03P2	1	2	ZINC	Y	3	2000	5	UG/L	U
DC041A00	D	C04	3	1	ZINC	N	1	2000	13.2	UG/L	
DC041A00F	D	C04	3	1	ZINC	Y	1	2000	5.55	UG/L	U
DC043A00	D	C04	3	1	ZINC	N	3	2000	5.55	UG/L	U
DC043A00F	D	C04	3	1	ZINC	Y	3	2000	5	UG/L	U
DC04P21A00	D	C04P2	2	2	ZINC	N	1	2000	5.55	UG/L	U
DC04P21A00F	D	C04P2	2	2	ZINC	Y	1	2000	5.55	UG/L	U
DC04P23A00	D	C04P2	2	2	ZINC	N	3	2000	55.7	UG/L	
DC04P23A00F	D	C04P2	2	2	ZINC	Y	3	2000	5	UG/L	U
DC051A00	D	C05	4	1	ZINC	N	1	2000	5.55	UG/L	U
DC051A00F	D	C05	4	1	ZINC	Y	1	2000	5.55	UG/L	U
DC053B00	D	C05	4	1	ZINC	N	3	2000	5.55	UG/L	U
DC053B00F	D	C05	4	1	ZINC	Y	3	2000	5	UG/L	U
DC061A00	D	C06	5	1	ZINC	N	1	2000	5.55	UG/L	U

Table 7.24. Raw Data for Zinc. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC061A00F	D	C06	5	1	ZINC	Y	1	2000	5.55	UG/L	U
DC063A00	D	C06	5	1	ZINC	N	3	2000	79.5	UG/L	
DC063A00F	D	C06	5	1	ZINC	Y	3	2000	5	UG/L	U
DC06P21A00	D	C06P2	3	2	ZINC	N	1	2000	5.55	UG/L	U
DC06P21A00F	D	C06P2	3	2	ZINC	Y	1	2000	18.2	UG/L	
DC06P23A00	D	C06P2	3	2	ZINC	N	3	2000	5.55	UG/L	U
DC06P23A00F	D	C06P2	3	2	ZINC	Y	3	2000	5	UG/L	U
DC071A00	D	C07	6	1	ZINC	N	1	2000	5.55	UG/L	U
DC071A00F	D	C07	6	1	ZINC	Y	1	2000	5.55	UG/L	U
DC073A00	D	C07	6	1	ZINC	N	3	2000	49.9	UG/L	
DC073A00F	D	C07	6	1	ZINC	Y	3	2000	5	UG/L	U
DC081A00	D	C08	7	1	ZINC	N	1	2000	35.8	UG/L	
DC081A00F	D	C08	7	1	ZINC	Y	1	2000	5.55	UG/L	U
DC083A00	D	C08	7	1	ZINC	N	3	2000	142	UG/L	
DC083A00F	D	C08	7	1	ZINC	Y	3	2000	5	UG/L	U
DC08P21A00	D	C08P2	4	2	ZINC	N	1	2000	32.7	UG/L	
DC08P21A00F	D	C08P2	4	2	ZINC	Y	1	2000	33.4	UG/L	
DC08P23A00	D	C08P2	4	2	ZINC	N	3	2000	34	UG/L	
DC08P23A00F	D	C08P2	4	2	ZINC	Y	3	2000	36	UG/L	
FD01310001	D	C06	5	1	ZINC	N	1	2000	5.55	UG/L	U
FD01310001F	D	C06	5	1	ZINC	Y	1	2000	5.55	UG/L	U
FD02140001	D	C03P2	1	2	ZINC	N	1	2000	5.55	UG/L	U
FD02140001F	D	C03P2	1	2	ZINC	Y	1	2000	5.55	UG/L	U
FD02230001	O	C11P2	1	2	ZINC	N	1	2000	5.55	UG/L	U
FD02230001F	O	C11P2	1	2	ZINC	Y	1	2000	5.55	UG/L	U
FD02280001	O	C13	4	1	ZINC	N	1	2000	5.55	UG/L	U
FD02280001F	O	C13	4	1	ZINC	Y	1	2000	91.6	UG/L	
FD03140001	A	SPC	20	1	ZINC	N	1	2000	5.55	UG/L	U
FD03140001F	A	SPC	20	1	ZINC	Y	1	2000	13.1	UG/L	
FD03250001	A	C09P2	8	1	ZINC	N	1	2000	43.7	UG/L	
FD03250001F	A	C09P2	8	1	ZINC	Y	1	2000	183	UG/L	
FD03290001	A	SPA	19	1	ZINC	N	1	2000	5.55	UG/L	U
FD03290001F	A	SPA	19	1	ZINC	Y	1	2000	287	UG/L	
FD04190001	O	C13P2	2	2	ZINC	N	2	2000	23	UG/L	
FD04190001F	O	C13P2	2	2	ZINC	Y	2	2000	165	UG/L	
FD05080001	O	C18	8	1	ZINC	N	2	2000	5.55	UG/L	U
FD05080001F	O	C18	8	1	ZINC	Y	2	2000	5.55	UG/L	U
FD06090001	A	CRA	21	1	ZINC	N	2	2000	5.55	UG/L	U
FD06090001F	A	CRA	21	1	ZINC	Y	2	2000	12	UG/L	
FD06230001	A	C10	9	1	ZINC	N	2	2000	14.4	UG/L	
FD06230001F	A	C10	9	1	ZINC	Y	2	2000	5	UG/L	U
FD06280001	A	SPC	20	1	ZINC	N	2	2000	5.55	UG/L	U
FD06280001F	A	SPC	20	1	ZINC	Y	2	2000	5	UG/L	U
FD07290001	D	C05	4	1	ZINC	N	3	2000	5.55	UG/L	U
FD07290001F	D	C05	4	1	ZINC	Y	3	2000	5	UG/L	U

Table 7.24. Raw Data for Zinc. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD08090001	D	C02	1	1	ZINC	N	3	2000	5.55	UG/L	U
FD08090001F	D	C02	1	1	ZINC	Y	3	2000	5	UG/L	U
FD08250001	O	C14	5	1	ZINC	N	3	2000	31.4	UG/L	
FD08250001F	O	C14	5	1	ZINC	Y	3	2000	18.1	UG/L	
FD08300001	O	C18P2	4	2	ZINC	N	3	2000	46.9	UG/L	
FD08300001F	O	C18P2	4	2	ZINC	Y	3	2000	5	UG/L	U
FD09130001	A	C12	11	1	ZINC	N	3	2000	5.55	UG/L	U
FD09130001F	A	C12	11	1	ZINC	Y	3	2000	5	UG/L	U
FD09200001	A	CRB	22	1	ZINC	N	3	2000	60.8	UG/L	N
FD09200001F	A	CRB	22	1	ZINC	Y	3	2000	5	UG/L	U
FD09290001	A	SPC	20	1	ZINC	N	3	2000	11.1	UG/L	UN
FD09290001F	A	SPC	20	1	ZINC	Y	3	2000	5	UG/L	U
FD11190001	O	C14	5	1	ZINC	N	4	2000	36.2	UG/L	
FD11190001F	O	C14	5	1	ZINC	Y	4	2000	5	UG/L	U
FD11200001	O	C13P2	2	2	ZINC	N	4	2000	5.55	UG/L	U
FD11200001F	O	C13P2	2	2	ZINC	Y	4	2000	5	UG/L	U
FD12010001	A	C09P2	8	1	ZINC	N	4	2000	5.55	UG/L	U
FD12010001F	A	C09P2	8	1	ZINC	Y	4	2000	5	UG/L	U
FD12120001	A	CRB	22	1	ZINC	N	4	2000	5.55	UG/L	U
FD12120001F	A	CRB	22	1	ZINC	Y	4	2000	5	UG/L	U
OC081A00	O	C08	1	1	ZINC	N	1	2000	13	UG/L	
OC081A00F	O	C08	1	1	ZINC	Y	1	2000	5.55	UG/L	U
OC082A00	O	C08	1	1	ZINC	N	2	2000	43.4	UG/L	
OC082A00F	O	C08	1	1	ZINC	Y	2	2000	19.5	UG/L	
OC083A00	O	C08	1	1	ZINC	N	3	2000	13.9	UG/L	
OC083A00F	O	C08	1	1	ZINC	Y	3	2000	5	UG/L	U
OC084A00	O	C08	1	1	ZINC	N	4	2000	5.55	UG/L	U
OC084A00F	O	C08	1	1	ZINC	Y	4	2000	5	UG/L	U
OC111A00	O	C11	2	1	ZINC	N	1	2000	5.55	UG/L	U
OC111A00F	O	C11	2	1	ZINC	Y	1	2000	5.55	UG/L	U
OC112A00	O	C11	2	1	ZINC	N	2	2000	5.55	UG/L	U
OC112A00F	O	C11	2	1	ZINC	Y	2	2000	15.5	UG/L	
OC113A00	O	C11	2	1	ZINC	N	3	2000	5.55	UG/L	U
OC113A00F	O	C11	2	1	ZINC	Y	3	2000	5	UG/L	U
OC114A00	O	C11	2	1	ZINC	N	4	2000	5.55	UG/L	U
OC114A00F	O	C11	2	1	ZINC	Y	4	2000	5	UG/L	U
OC11P21A00	O	C11P2	1	2	ZINC	N	1	2000	5.55	UG/L	U
OC11P21A00F	O	C11P2	1	2	ZINC	Y	1	2000	5.55	UG/L	U
OC11P22A00	O	C11P2	1	2	ZINC	N	2	2000	5.55	UG/L	U
OC11P22A00F	O	C11P2	1	2	ZINC	Y	2	2000	5.55	UG/L	U
OC11P23A00	O	C11P2	1	2	ZINC	N	3	2000	28.4	UG/L	
OC11P23A00F	O	C11P2	1	2	ZINC	Y	3	2000	5	UG/L	U
OC11P24A00	O	C11P2	1	2	ZINC	N	4	2000	5.55	UG/L	U
OC11P24A00F	O	C11P2	1	2	ZINC	Y	4	2000	5	UG/L	U
OC121A00	O	C12	3	1	ZINC	N	1	2000	5.55	UG/L	U

Table 7.24. Raw Data for Zinc. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC121A00F	O	C12	3	1	ZINC	Y	1	2000	5.55	UG/L	U
OC122A00	O	C12	3	1	ZINC	N	2	2000	5.55	UG/L	U
OC122A00F	O	C12	3	1	ZINC	Y	2	2000	5.55	UG/L	U
OC123A00	O	C12	3	1	ZINC	N	3	2000	5.55	UG/L	U
OC123A00F	O	C12	3	1	ZINC	Y	3	2000	5	UG/L	U
OC124A00	O	C12	3	1	ZINC	N	4	2000	17.4	UG/L	
OC124A00F	O	C12	3	1	ZINC	Y	4	2000	5	UG/L	U
OC131A00	O	C13	4	1	ZINC	N	1	2000	5.55	UG/L	U
OC131A00F	O	C13	4	1	ZINC	Y	1	2000	5.55	UG/L	U
OC132A00	O	C13	4	1	ZINC	N	2	2000	5.55	UG/L	U
OC132A00F	O	C13	4	1	ZINC	Y	2	2000	5.55	UG/L	U
OC133A00	O	C13	4	1	ZINC	N	3	2000	5.55	UG/L	U
OC133A00F	O	C13	4	1	ZINC	Y	3	2000	5	UG/L	U
OC134A00	O	C13	4	1	ZINC	N	4	2000	5.55	UG/L	U
OC134A00F	O	C13	4	1	ZINC	Y	4	2000	5	UG/L	U
OC13P21A00	O	C13P2	2	2	ZINC	N	1	2000	5.55	UG/L	U
OC13P21A00F	O	C13P2	2	2	ZINC	Y	1	2000	5.55	UG/L	U
OC13P22A00	O	C13P2	2	2	ZINC	N	2	2000	5.55	UG/L	U
OC13P22A00F	O	C13P2	2	2	ZINC	Y	2	2000	347	UG/L	
OC13P23A00	O	C13P2	2	2	ZINC	N	3	2000	5.55	UG/L	U
OC13P23A00F	O	C13P2	2	2	ZINC	Y	3	2000	5	UG/L	U
OC13P24A00	O	C13P2	2	2	ZINC	N	4	2000	5.55	UG/L	U
OC13P24A00F	O	C13P2	2	2	ZINC	Y	4	2000	5	UG/L	U
OC141A00	O	C14	5	1	ZINC	N	1	2000	23.7	UG/L	
OC141A00F	O	C14	5	1	ZINC	Y	1	2000	5.55	UG/L	U
OC142A00	O	C14	5	1	ZINC	N	2	2000	27.4	UG/L	
OC142A00F	O	C14	5	1	ZINC	Y	2	2000	11.2	UG/L	
OC143A00	O	C14	5	1	ZINC	N	3	2000	34.1	UG/L	
OC143A00F	O	C14	5	1	ZINC	Y	3	2000	5	UG/L	U
OC144A00	O	C14	5	1	ZINC	N	4	2000	207	UG/L	
OC144A00F	O	C14	5	1	ZINC	Y	4	2000	5	UG/L	U
OC14P21A00	O	C14P2	3	2	ZINC	N	1	2000	12.1	UG/L	
OC14P21A00F	O	C14P2	3	2	ZINC	Y	1	2000	5.55	UG/L	U
OC14P22A00	O	C14P2	3	2	ZINC	N	2	2000	5.55	UG/L	U
OC14P22A00F	O	C14P2	3	2	ZINC	Y	2	2000	5.55	UG/L	U
OC14P23A00	O	C14P2	3	2	ZINC	N	3	2000	22.8	UG/L	
OC14P23A00F	O	C14P2	3	2	ZINC	Y	3	2000	5	UG/L	U
OC14P24A00	O	C14P2	3	2	ZINC	N	4	2000	5.55	UG/L	U
OC14P24A00F	O	C14P2	3	2	ZINC	Y	4	2000	5	UG/L	U
OC151A00	O	C15	6	1	ZINC	N	1	2000	16.7	UG/L	
OC151A00F	O	C15	6	1	ZINC	Y	1	2000	29	UG/L	
OC152A00	O	C15	6	1	ZINC	N	2	2000	24.8	UG/L	
OC152A00F	O	C15	6	1	ZINC	Y	2	2000	5.55	UG/L	U
OC153A00	O	C15	6	1	ZINC	N	3	2000	5.55	UG/L	U
OC153A00F	O	C15	6	1	ZINC	Y	3	2000	5	UG/L	U

Table 7.24. Raw Data for Zinc. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC154A00	O	C15	6	1	ZINC	N	4	2000	104	UG/L	
OC154A00F	O	C15	6	1	ZINC	Y	4	2000	5	UG/L	U
OC161A00	O	C16	7	1	ZINC	N	1	2000	5.55	UG/L	U
OC161A00F	O	C16	7	1	ZINC	Y	1	2000	5.55	UG/L	U
OC162A00	O	C16	7	1	ZINC	N	2	2000	5.55	UG/L	U
OC162A00F	O	C16	7	1	ZINC	Y	2	2000	13.4	UG/L	
OC163A00	O	C16	7	1	ZINC	N	3	2000	5.55	UG/L	U
OC163A00F	O	C16	7	1	ZINC	Y	3	2000	5	UG/L	U
OC164A00	O	C16	7	1	ZINC	N	4	2000	5.55	UG/L	U
OC164A00F	O	C16	7	1	ZINC	Y	4	2000	5	UG/L	U
OC181A00	O	C18	8	1	ZINC	N	1	2000	5.55	UG/L	U
OC181A00F	O	C18	8	1	ZINC	Y	1	2000	5.55	UG/L	U
OC182A00	O	C18	8	1	ZINC	N	2	2000	54.2	UG/L	
OC182A00F	O	C18	8	1	ZINC	Y	2	2000	5.55	UG/L	U
OC183A00	O	C18	8	1	ZINC	N	3	2000	91.5	UG/L	
OC183A00F	O	C18	8	1	ZINC	Y	3	2000	5	UG/L	U
OC184A00	O	C18	8	1	ZINC	N	4	2000	5.55	UG/L	U
OC184A00F	O	C18	8	1	ZINC	Y	4	2000	5	UG/L	U
OC18P21A00	O	C18P2	4	2	ZINC	N	1	2000	5.55	UG/L	U
OC18P21A00F	O	C18P2	4	2	ZINC	Y	1	2000	5.55	UG/L	U
OC18P22A00	O	C18P2	4	2	ZINC	N	2	2000	5.55	UG/L	U
OC18P22A00F	O	C18P2	4	2	ZINC	Y	2	2000	30.9	UG/L	
OC18P23A00	O	C18P2	4	2	ZINC	N	3	2000	5.55	UG/L	U
OC18P23A00F	O	C18P2	4	2	ZINC	Y	3	2000	5	UG/L	U
OC18P24A00	O	C18P2	4	2	ZINC	N	4	2000	5.55	UG/L	U
OC18P24A00F	O	C18P2	4	2	ZINC	Y	4	2000	5	UG/L	U
OC191A00	O	C19	9	1	ZINC	N	1	2000	5.55	UG/L	U
OC191A00F	O	C19	9	1	ZINC	Y	1	2000	5.55	UG/L	U
OC192A00	O	C19	9	1	ZINC	N	2	2000	5.55	UG/L	U
OC192A00F	O	C19	9	1	ZINC	Y	2	2000	5	UG/L	U
OC193A00	O	C19	9	1	ZINC	N	3	2000	28.7	UG/L	
OC193A00F	O	C19	9	1	ZINC	Y	3	2000	5	UG/L	U
OC194A00	O	C19	9	1	ZINC	N	4	2000	5.55	UG/L	U
OC194A00F	O	C19	9	1	ZINC	Y	4	2000	5	UG/L	U
OC19P21A00	O	C19P2	5	2	ZINC	N	1	2000	5.55	UG/L	U
OC19P21A00F	O	C19P2	5	2	ZINC	Y	1	2000	5.55	UG/L	U
OC19P22100F	O	C19P2	5	2	ZINC	Y	2	2000	5	UG/L	U
OC19P22A00	O	C19P2	5	2	ZINC	N	2	2000	5.55	UG/L	U
OC19P23A00	O	C19P2	5	2	ZINC	N	3	2000	5.55	UG/L	U
OC19P23A00F	O	C19P2	5	2	ZINC	Y	3	2000	5	UG/L	U
OC19P24A00	O	C19P2	5	2	ZINC	N	4	2000	5.55	UG/L	U
OC19P24A00F	O	C19P2	5	2	ZINC	Y	4	2000	5	UG/L	U

Table 7.25. Raw Data for 1,2-Dichloroethane.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
AB022A00	A	B02	1	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AB023A00	A	B02	1	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
AB024A00	A	B02	1	1	1,2-DICHLOROETHANE	N	4	2000	0.25	UG/L	U
AB041A00	A	B04	2	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
AB042A00	A	B04	2	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AB043A00	A	B04	2	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
AB044A00	A	B04	2	1	1,2-DICHLOROETHANE	N	4	2000	0.25	UG/L	U
AC02P22A00	A	C02P2	3	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC031A00	A	C03	4	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
AC032A00	A	C03	4	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC033A00	A	C03	4	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
AC041A00	A	C04	5	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
AC042A00	A	C04	5	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC043A00	A	C04	5	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
AC044A00	A	C04	5	1	1,2-DICHLOROETHANE	N	4	2000	0.25	UG/L	U
AC071A00	A	C07	6	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
AC072A00	A	C07	6	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC08P22A00	A	C08P2	7	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC09P22A00	A	C09P2	8	1	1,2-DICHLOROETHANE	N	2	2000	9	UG/L	
AC101A00	A	C10	9	1	1,2-DICHLOROETHANE	N	1	2000	26	UG/L	
AC102A00	A	C10	9	1	1,2-DICHLOROETHANE	N	2	2000	25	UG/L	
AC103A00	A	C10	9	1	1,2-DICHLOROETHANE	N	3	2000	27	UG/L	
AC104A00	A	C10	9	1	1,2-DICHLOROETHANE	N	4	2000	26	UG/L	
AC111A00	A	C11	10	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
AC112A00	A	C11	10	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC113A00	A	C11	10	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
AC114A00	A	C11	10	1	1,2-DICHLOROETHANE	N	4	2000	0.25	UG/L	U
AC121A00	A	C12	11	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
AC122A00	A	C12	11	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC123A00	A	C12	11	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
AC124A00	A	C12	11	1	1,2-DICHLOROETHANE	N	4	2000	0.25	UG/L	U
AC152A00	A	C15	12	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC172A00	A	C17	13	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC202A00	A	C20	14	1	1,2-DICHLOROETHANE	N	2	2000	0.91	UG/L	
AC251A00	A	C25	15	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
AC252A00	A	C25	15	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC253A00	A	C25	15	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
AC254A00	A	C25	15	1	1,2-DICHLOROETHANE	N	4	2000	0.25	UG/L	U
AC262A00	A	C26	16	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC272A00	A	C27	17	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
AC302A00	A	C30	18	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
ACRA1A00	A	CRA	21	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U

Table 7.25. Raw Data for 1,2-Dichloroethane. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRA2A00	A	CRA	21	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
ACRA3A00	A	CRA	21	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
ACRA4A00	A	CRA	21	1	1,2-DICHLOROETHANE	N	4	2000	0.25	UG/L	U
ACRB1A00	A	CRB	22	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
ACRB2A00	A	CRB	22	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
ACRB3A00	A	CRB	22	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
ACRB4A00	A	CRB	22	1	1,2-DICHLOROETHANE	N	4	2000	0.25	UG/L	U
ASPA1A00	A	SPA	19	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
ASPA2A00	A	SPA	19	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
ASPA3A00	A	SPA	19	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
ASPA4A00	A	SPA	19	1	1,2-DICHLOROETHANE	N	4	2000	0.25	UG/L	U
ASPC1A00	A	SPC	20	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
ASPC2A00	A	SPC	20	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
ASPC3A00	A	SPC	20	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
ASPC4A00	A	SPC	20	1	1,2-DICHLOROETHANE	N	4	2000	0.25	UG/L	U
FD03140001	A	SPC	20	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
FD03290001	A	SPA	19	1	1,2-DICHLOROETHANE	N	1	2000	0.25	UG/L	U
FD04190001	O	C13P2	2	2	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
FD05080001	O	C18	8	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
FD06090001	A	CRA		1	1,2-DICHLOROETHANE	N	2	2000	0.5	UG/L	U
FD06230001	A	C10	9	1	1,2-DICHLOROETHANE	N	2	2000	26	UG/L	
FD06280001	A	SPC	20	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
FD09130001	A	C12	11	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
FD09200001	A	CRB		1	1,2-DICHLOROETHANE	N	3	2000	0.5	UG/L	U
FD09290001	A	SPC	20	1	1,2-DICHLOROETHANE	N	3	2000	0.25	UG/L	U
FD12120001	A	CRB		1	1,2-DICHLOROETHANE	N	4	2000	0.5	UG/L	U
OC082A00	O	C08	1	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC112A00	O	C11	2	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC11P22A00	O	C11P2	1	2	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC122A00	O	C12	3	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC132A00	O	C13	4	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC13P22A00	O	C13P2	2	2	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC142A00	O	C14	5	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC14P22A00	O	C14P2	3	2	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC152A00	O	C15	6	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC162A00	O	C16	7	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC182A00	O	C18	8	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC18P22A00	O	C18P2	4	2	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC192A00	O	C19	9	1	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U
OC19P22A00	O	C19P2	5	2	1,2-DICHLOROETHANE	N	2	2000	0.25	UG/L	U

Table 7.26. Raw Data for Carbon Tetrachloride.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
AB022A00	A	B02	1	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AB023A00	A	B02	1	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
AB024A00	A	B02	1	1	CARBON TETRACHLORIDE	N	4	2000	0.15	UG/L	U
AB041A00	A	B04	2	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
AB042A00	A	B04	2	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AB043A00	A	B04	2	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
AB044A00	A	B04	2	1	CARBON TETRACHLORIDE	N	4	2000	0.15	UG/L	U
AC02P22A00	A	C02P2	3	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC031A00	A	C03	4	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
AC032A00	A	C03	4	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC033A00	A	C03	4	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
AC041A00	A	C04	5	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
AC042A00	A	C04	5	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC043A00	A	C04	5	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
AC044A00	A	C04	5	1	CARBON TETRACHLORIDE	N	4	2000	0.15	UG/L	U
AC071A00	A	C07	6	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
AC072A00	A	C07	6	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC08P22A00	A	C08P2	7	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC09P22A00	A	C09P2	8	1	CARBON TETRACHLORIDE	N	2	2000	0.6	UG/L	
AC101A00	A	C10	9	1	CARBON TETRACHLORIDE	N	1	2000	1.6	UG/L	
AC102A00	A	C10	9	1	CARBON TETRACHLORIDE	N	2	2000	1.2	UG/L	
AC103A00	A	C10	9	1	CARBON TETRACHLORIDE	N	3	2000	1.1	UG/L	
AC104A00	A	C10	9	1	CARBON TETRACHLORIDE	N	4	2000	1.2	UG/L	
AC111A00	A	C11	10	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
AC112A00	A	C11	10	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC113A00	A	C11	10	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
AC114A00	A	C11	10	1	CARBON TETRACHLORIDE	N	4	2000	0.15	UG/L	U
AC121A00	A	C12	11	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
AC122A00	A	C12	11	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC123A00	A	C12	11	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
AC124A00	A	C12	11	1	CARBON TETRACHLORIDE	N	4	2000	0.15	UG/L	U
AC152A00	A	C15	12	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC172A00	A	C17	13	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC202A00	A	C20	14	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC251A00	A	C25	15	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
AC252A00	A	C25	15	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC253A00	A	C25	15	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
AC254A00	A	C25	15	1	CARBON TETRACHLORIDE	N	4	2000	0.15	UG/L	U
AC262A00	A	C26	16	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC272A00	A	C27	17	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
AC302A00	A	C30	18	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
ACRA1A00	A	CRA	21	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
ACRA2A00	A	CRA	21	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U

Table 7.26. Raw Data for Carbon Tetrachloride. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRA3A00	A	CRA	21	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
ACRA4A00	A	CRA	21	1	CARBON TETRACHLORIDE	N	4	2000	0.15	UG/L	U
ACRB1A00	A	CRB	22	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
ACRB2A00	A	CRB	22	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
ACRB3A00	A	CRB	22	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
ACRB4A00	A	CRB	22	1	CARBON TETRACHLORIDE	N	4	2000	0.15	UG/L	U
ASPA1A00	A	SPA	19	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
ASPA2A00	A	SPA	19	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
ASPA3A00	A	SPA	19	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
ASPA4A00	A	SPA	19	1	CARBON TETRACHLORIDE	N	4	2000	0.15	UG/L	U
ASPC1A00	A	SPC	20	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
ASPC2A00	A	SPC	20	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
ASPC3A00	A	SPC	20	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
ASPC4A00	A	SPC	20	1	CARBON TETRACHLORIDE	N	4	2000	0.15	UG/L	U
FD03140001	A	SPC	20	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
FD03290001	A	SPA	19	1	CARBON TETRACHLORIDE	N	1	2000	0.15	UG/L	U
FD04190001	O	C13P2	2	2	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
FD05080001	O	C18	8	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
FD06090001	A	CRA		1	CARBON TETRACHLORIDE	N	2	2000	0.3	UG/L	U
FD06230001	A	C10	9	1	CARBON TETRACHLORIDE	N	2	2000	1.2	UG/L	
FD06280001	A	SPC	20	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
FD09130001	A	C12	11	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
FD09200001	A	CRB		1	CARBON TETRACHLORIDE	N	3	2000	0.3	UG/L	U
FD09290001	A	SPC	20	1	CARBON TETRACHLORIDE	N	3	2000	0.15	UG/L	U
FD12120001	A	CRB		1	CARBON TETRACHLORIDE	N	4	2000	0.3	UG/L	U
OC082A00	O	C08	1	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC112A00	O	C11	2	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC11P22A00	O	C11P2	1	2	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC122A00	O	C12	3	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC132A00	O	C13	4	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC13P22A00	O	C13P2	2	2	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC142A00	O	C14	5	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC14P22A00	O	C14P2	3	2	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC152A00	O	C15	6	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC162A00	O	C16	7	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC182A00	O	C18	8	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC18P22A00	O	C18P2	4	2	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC192A00	O	C19	9	1	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U
OC19P22100	O	C19P2	5	2	CARBON TETRACHLORIDE	N	2	2000	0.15	UG/L	U

Table 7.27. Raw Data for Chloroform.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
AB022A00	A	B02	1	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AB023A00	A	B02	1	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
AB024A00	A	B02	1	1	CHLOROFORM	N	4	2000	0.15	UG/L	U
AB041A00	A	B04	2	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
AB042A00	A	B04	2	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AB043A00	A	B04	2	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
AB044A00	A	B04	2	1	CHLOROFORM	N	4	2000	0.15	UG/L	U
AC02P22A00	A	C02P2	3	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AC031A00	A	C03	4	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
AC032A00	A	C03	4	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AC033A00	A	C03	4	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
AC041A00	A	C04	5	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
AC042A00	A	C04	5	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AC043A00	A	C04	5	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
AC044A00	A	C04	5	1	CHLOROFORM	N	4	2000	0.15	UG/L	U
AC071A00	A	C07	6	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
AC072A00	A	C07	6	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AC08P22A00	A	C08P2	7	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AC09P22A00	A	C09P2	8	1	CHLOROFORM	N	2	2000	0.69999	UG/L	
AC101A00	A	C10	9	1	CHLOROFORM	N	1	2000	2.3	UG/L	
AC102A00	A	C10	9	1	CHLOROFORM	N	2	2000	2.1	UG/L	
AC103A00	A	C10	9	1	CHLOROFORM	N	3	2000	2	UG/L	
AC104A00	A	C10	9	1	CHLOROFORM	N	4	2000	2.3	UG/L	
AC111A00	A	C11	10	1	CHLOROFORM	N	1	2000	2.2	UG/L	
AC112A00	A	C11	10	1	CHLOROFORM	N	2	2000	2.4	UG/L	
AC113A00	A	C11	10	1	CHLOROFORM	N	3	2000	2.3	UG/L	
AC114A00	A	C11	10	1	CHLOROFORM	N	4	2000	2.5	UG/L	
AC121A00	A	C12	11	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
AC122A00	A	C12	11	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AC123A00	A	C12	11	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
AC124A00	A	C12	11	1	CHLOROFORM	N	4	2000	0.15	UG/L	U
AC152A00	A	C15	12	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AC172A00	A	C17	13	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AC202A00	A	C20	14	1	CHLOROFORM	N	2	2000	0.89999	UG/L	
AC251A00	A	C25	15	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
AC252A00	A	C25	15	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AC253A00	A	C25	15	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
AC254A00	A	C25	15	1	CHLOROFORM	N	4	2000	0.15	UG/L	U
AC262A00	A	C26	16	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AC272A00	A	C27	17	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
AC302A00	A	C30	18	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
ACRA1A00	A	CRA	21	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
ACRA2A00	A	CRA	21	1	CHLOROFORM	N	2	2000	0.15	UG/L	U

Table 7.27. Raw Data for Chloroform. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRA3A00	A	CRA	21	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
ACRA4A00	A	CRA	21	1	CHLOROFORM	N	4	2000	0.15	UG/L	U
ACRB1A00	A	CRB	22	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
ACRB2A00	A	CRB	22	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
ACRB3A00	A	CRB	22	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
ACRB4A00	A	CRB	22	1	CHLOROFORM	N	4	2000	0.15	UG/L	U
ASPA1A00	A	SPA	19	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
ASPA2A00	A	SPA	19	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
ASPA3A00	A	SPA	19	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
ASPA4A00	A	SPA	19	1	CHLOROFORM	N	4	2000	0.15	UG/L	U
ASPC1A00	A	SPC	20	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
ASPC2A00	A	SPC	20	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
ASPC3A00	A	SPC	20	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
ASPC4A00	A	SPC	20	1	CHLOROFORM	N	4	2000	0.15	UG/L	U
FD03140001	A	SPC	20	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
FD03290001	A	SPA	19	1	CHLOROFORM	N	1	2000	0.15	UG/L	U
FD04190001	O	C13P2	2	2	CHLOROFORM	N	2	2000	0.15	UG/L	U
FD05080001	O	C18	8	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
FD06090001	A	CRA		1	CHLOROFORM	N	2	2000	0.3	UG/L	U
FD06230001	A	C10	9	1	CHLOROFORM	N	2	2000	2.2	UG/L	
FD06280001	A	SPC	20	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
FD09130001	A	C12	11	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
FD09200001	A	CRB		1	CHLOROFORM	N	3	2000	0.3	UG/L	U
FD09290001	A	SPC	20	1	CHLOROFORM	N	3	2000	0.15	UG/L	U
FD12120001	A	CRB		1	CHLOROFORM	N	4	2000	0.3	UG/L	U
OC082A00	O	C08	1	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC112A00	O	C11	2	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC11P22A00	O	C11P2	1	2	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC122A00	O	C12	3	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC132A00	O	C13	4	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC13P22A00	O	C13P2	2	2	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC142A00	O	C14	5	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC14P22A00	O	C14P2	3	2	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC152A00	O	C15	6	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC162A00	O	C16	7	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC182A00	O	C18	8	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC18P22A00	O	C18P2	4	2	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC192A00	O	C19	9	1	CHLOROFORM	N	2	2000	0.15	UG/L	U
OC19P22A00	O	C19P2	5	2	CHLOROFORM	N	2	2000	0.15	UG/L	U

Table 7.28. Raw Data for cis-1,2-Dichloroethene.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AB022A00	A	B02	1	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AB023A00	A	B02	1	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AB024A00	A	B02	1	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AB041A00	A	B04	2	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AB042A00	A	B04	2	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AB043A00	A	B04	2	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AB044A00	A	B04	2	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC02P21A00	A	C02P2	3	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.5	UG/L	
AC02P22A00	A	C02P2	3	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC02P23A00	A	C02P2	3	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC02P24A00	A	C02P2	3	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC031A00	A	C03	4	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC032A00	A	C03	4	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC033A00	A	C03	4	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC041A00	A	C04	5	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC042A00	A	C04	5	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC043A00	A	C04	5	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC044A00	A	C04	5	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC071A00	A	C07	6	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC072A00	A	C07	6	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC073A00	A	C07	6	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC074A00	A	C07	6	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC08P21A00	A	C08P2	7	1	CIS-1,2-DICHLOROETHENE	N	1	2000	15	UG/L	
AC08P22A00	A	C08P2	7	1	CIS-1,2-DICHLOROETHENE	N	2	2000	19	UG/L	
AC08P23A00	A	C08P2	7	1	CIS-1,2-DICHLOROETHENE	N	3	2000	16	UG/L	
AC08P24A00	A	C08P2	7	1	CIS-1,2-DICHLOROETHENE	N	4	2000	19	UG/L	
AC09P21A00	A	C09P2	8	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC09P22A00	A	C09P2	8	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC09P23A00	A	C09P2	8	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC09P24A00	A	C09P2	8	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC101A00	A	C10	9	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC102A00	A	C10	9	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC103A00	A	C10	9	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC104A00	A	C10	9	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC111A00	A	C11	10	1	CIS-1,2-DICHLOROETHENE	N	1	2000	8.1	UG/L	
AC112A00	A	C11	10	1	CIS-1,2-DICHLOROETHENE	N	2	2000	8.5	UG/L	
AC113A00	A	C11	10	1	CIS-1,2-DICHLOROETHENE	N	3	2000	7.2	UG/L	
AC114A00	A	C11	10	1	CIS-1,2-DICHLOROETHENE	N	4	2000	8.4	UG/L	
AC121A00	A	C12	11	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.6	UG/L	
AC122A00	A	C12	11	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.5	UG/L	
AC123A00	A	C12	11	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.6	UG/L	
AC124A00	A	C12	11	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.89999	UG/L	
AC151A00	A	C15	12	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U

Table 7.28. Raw Data for cis-1,2-Dichloroethene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC152A00	A	C15	12	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC153A00	A	C15	12	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC154A00	A	C15	12	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC171A00	A	C17	13	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC172A00	A	C17	13	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC173A00	A	C17	13	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC174A00	A	C17	13	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC201A00DL	A	C20	14	1	CIS-1,2-DICHLOROETHENE	N	1	2000	66	UG/L	D
AC202A00	A	C20	14	1	CIS-1,2-DICHLOROETHENE	N	2	2000	70	UG/L	D
AC203A00	A	C20	14	1	CIS-1,2-DICHLOROETHENE	N	3	2000	100	UG/L	
AC204A00DL	A	C20	14	1	CIS-1,2-DICHLOROETHENE	N	4	2000	76	UG/L	D
AC251A00	A	C25	15	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC252A00	A	C25	15	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC253A00	A	C25	15	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC254A00	A	C25	15	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC261A00	A	C26	16	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC262A00	A	C26	16	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC263A00	A	C26	16	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC264A00	A	C26	16	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC271A00	A	C27	17	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC272A00	A	C27	17	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC273A00	A	C27	17	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC274A00	A	C27	17	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC301A00	A	C30	18	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC302A00	A	C30	18	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC303A00	A	C30	18	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC304A00	A	C30	18	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
ACRA1A00	A	CRA	21	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
ACRA2A00	A	CRA	21	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
ACRA3A00	A	CRA	21	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
ACRA4A00	A	CRA	21	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
ACRB1A00	A	CRB	22	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
ACRB2A00	A	CRB	22	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
ACRB3A00	A	CRB	22	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
ACRB4A00	A	CRB	22	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
ASPA1A00	A	SPA	19	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
ASPA2A00	A	SPA	19	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
ASPA3A00	A	SPA	19	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
ASPA4A00	A	SPA	19	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
ASPC1A00	A	SPC	20	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
ASPC2A00	A	SPC	20	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
ASPC3A00	A	SPC	20	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
ASPC4A00	A	SPC	20	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
FD03140001	A	SPC	20	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
FD03250001	A	C09P2	8	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U

Table 7.28. Raw Data for cis-1,2-Dichloroethene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD03290001	A	SPA	19	1	CIS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
FD04190001	O	C13P2	2	2	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
FD05080001	O	C18	8	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
FD06090001	A	CRA		1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.5	UG/L	U
FD06230001	A	C10	9	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
FD06280001	A	SPC	20	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
FD09130001	A	C12	11	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.69999	UG/L	
FD09200001	A	CRB		1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.5	UG/L	U
FD09290001	A	SPC	20	1	CIS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
FD12010001	A	C09P2	8	1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
FD12120001	A	CRB		1	CIS-1,2-DICHLOROETHENE	N	4	2000	0.5	UG/L	U
OC082A00	O	C08	1	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC112A00	O	C11	2	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC11P22A00	O	C11P2	1	2	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC122A00	O	C12	3	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC132A00	O	C13	4	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC13P22A00	O	C13P2	2	2	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC142A00	O	C14	5	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC14P22A00	O	C14P2	3	2	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC152A00	O	C15	6	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC162A00	O	C16	7	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC182A00	O	C18	8	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC18P22A00	O	C18P2	4	2	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC192A00	O	C19	9	1	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC19P22A00	O	C19P2	5	2	CIS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U

Table 7.29. Raw Data for trans-1,2-Dichloroethene.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AB022A00	A	B02	1	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AB023A00	A	B02	1	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AB024A00	A	B02	1	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AB041A00	A	B04	2	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AB042A00	A	B04	2	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AB043A00	A	B04	2	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AB044A00	A	B04	2	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC02P21A00	A	C02P2	3	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC02P22A00	A	C02P2	3	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC02P23A00	A	C02P2	3	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC02P24A00	A	C02P2	3	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC031A00	A	C03	4	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC032A00	A	C03	4	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC033A00	A	C03	4	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC041A00	A	C04	5	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U

Table 7.29. Raw Data for trans-1,2-Dichloroethene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC042A00	A	C04	5	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC043A00	A	C04	5	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC044A00	A	C04	5	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC071A00	A	C07	6	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC072A00	A	C07	6	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC073A00	A	C07	6	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC074A00	A	C07	6	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC08P21A00	A	C08P2	7	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC08P22A00	A	C08P2	7	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	1.2	UG/L	
AC08P23A00	A	C08P2	7	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC08P24A00	A	C08P2	7	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC09P21A00	A	C09P2	8	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC09P22A00	A	C09P2	8	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC09P23A00	A	C09P2	8	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC09P24A00	A	C09P2	8	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC101A00	A	C10	9	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC102A00	A	C10	9	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC103A00	A	C10	9	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC104A00	A	C10	9	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC111A00	A	C11	10	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC112A00	A	C11	10	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC113A00	A	C11	10	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC114A00	A	C11	10	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC121A00	A	C12	11	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC122A00	A	C12	11	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC123A00	A	C12	11	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC124A00	A	C12	11	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC151A00	A	C15	12	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC152A00	A	C15	12	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC153A00	A	C15	12	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC154A00	A	C15	12	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC171A00	A	C17	13	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC172A00	A	C17	13	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC173A00	A	C17	13	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC174A00	A	C17	13	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC201A00	A	C20	14	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	7.2	UG/L	
AC202A00	A	C20	14	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	8.1	UG/L	
AC203A00	A	C20	14	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	7.1	UG/L	
AC204A00	A	C20	14	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	9.4	UG/L	
AC251A00	A	C25	15	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC252A00	A	C25	15	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC253A00	A	C25	15	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC254A00	A	C25	15	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC261A00	A	C26	16	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC262A00	A	C26	16	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U

Table 7.29. Raw Data for trans-1,2-Dichloroethene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC263A00	A	C26	16	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC264A00	A	C26	16	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC271A00	A	C27	17	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC272A00	A	C27	17	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC273A00	A	C27	17	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC274A00	A	C27	17	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC301A00	A	C30	18	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC302A00	A	C30	18	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC303A00	A	C30	18	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC304A00	A	C30	18	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
ACRA1A00	A	CRA	21	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
ACRA2A00	A	CRA	21	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
ACRA3A00	A	CRA	21	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
ACRA4A00	A	CRA	21	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
ACRB1A00	A	CRB	22	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
ACRB2A00	A	CRB	22	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
ACRB3A00	A	CRB	22	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
ACRB4A00	A	CRB	22	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
ASPA1A00	A	SPA	19	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
ASPA2A00	A	SPA	19	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
ASPA3A00	A	SPA	19	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
ASPA4A00	A	SPA	19	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
ASPC1A00	A	SPC	20	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
ASPC2A00	A	SPC	20	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
ASPC3A00	A	SPC	20	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
ASPC4A00	A	SPC	20	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
FD03140001	A	SPC	20	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
FD03250001	A	C09P2	8	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
FD03290001	A	SPA	19	1	TRANS-1,2-DICHLOROETHENE	N	1	2000	0.25	UG/L	U
FD04190001	O	C13P2	2	2	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
FD05080001	O	C18	8	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
FD06090001	A	CRA		1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.5	UG/L	U
FD06230001	A	C10	9	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
FD06280001	A	SPC	20	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
FD09130001	A	C12	11	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
FD09200001	A	CRB		1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.5	UG/L	U
FD09290001	A	SPC	20	1	TRANS-1,2-DICHLOROETHENE	N	3	2000	0.25	UG/L	U
FD12010001	A	C09P2	8	1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.25	UG/L	U
FD12120001	A	CRB		1	TRANS-1,2-DICHLOROETHENE	N	4	2000	0.5	UG/L	U
OC082A00	O	C08	1	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC112A00	O	C11	2	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC11P22A00	O	C11P2	1	2	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC122A00	O	C12	3	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC132A00	O	C13	4	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC13P22A00	O	C13P2	2	2	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U

Table 7.29. Raw Data for trans-1,2-Dichloroethene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC142A00	O	C14	5	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC14P22A00	O	C14P2	3	2	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC152A00	O	C15	6	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC162A00	O	C16	7	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC182A00	O	C18	8	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC18P22A00	O	C18P2	4	2	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC192A00	O	C19	9	1	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC19P22100	O	C19P2	5	2	TRANS-1,2-DICHLOROETHENE	N	2	2000	0.25	UG/L	U

Table 7.30. Raw Data for Trichloroethene.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
AB022A00	A	B02	1	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
AB023A00	A	B02	1	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
AB024A00	A	B02	1	1	TRICHLOROETHENE	N	4	2000	0.25	UG/L	U
AB041A00	A	B04	2	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
AB042A00	A	B04	2	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
AB043A00	A	B04	2	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
AB044A00	A	B04	2	1	TRICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC02P21A00	A	C02P2	3	1	TRICHLOROETHENE	N	1	2000	12	UG/L	
AC02P22A00	A	C02P2	3	1	TRICHLOROETHENE	N	2	2000	9.2	UG/L	
AC02P23A00	A	C02P2	3	1	TRICHLOROETHENE	N	3	2000	11	UG/L	
AC02P24A00	A	C02P2	3	1	TRICHLOROETHENE	N	4	2000	2.9	UG/L	
AC031A00	A	C03	4	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC032A00	A	C03	4	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC033A00	A	C03	4	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC041A00	A	C04	5	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC042A00	A	C04	5	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC043A00	A	C04	5	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC044A00	A	C04	5	1	TRICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC071A00	A	C07	6	1	TRICHLOROETHENE	N	1	2000	4.5	UG/L	
AC072A00	A	C07	6	1	TRICHLOROETHENE	N	2	2000	2.9	UG/L	
AC073A00	A	C07	6	1	TRICHLOROETHENE	N	3	2000	4.6	UG/L	
AC074A00	A	C07	6	1	TRICHLOROETHENE	N	4	2000	5.9	UG/L	
AC08P21A00DL	A	C08P2	7	1	TRICHLOROETHENE	N	1	2000	63	UG/L	D
AC08P22A00	A	C08P2	7	1	TRICHLOROETHENE	N	2	2000	77	UG/L	D
AC08P23A00DL	A	C08P2	7	1	TRICHLOROETHENE	N	3	2000	66	UG/L	D
AC08P24A00DL	A	C08P2	7	1	TRICHLOROETHENE	N	4	2000	67	UG/L	D
AC09P21A00DL	A	C09P2	8	1	TRICHLOROETHENE	N	1	2000	120	UG/L	D
AC09P22A00	A	C09P2	8	1	TRICHLOROETHENE	N	2	2000	110	UG/L	D
AC09P23A00DL	A	C09P2	8	1	TRICHLOROETHENE	N	3	2000	120	UG/L	D
AC09P24A00DL	A	C09P2	8	1	TRICHLOROETHENE	N	4	2000	130	UG/L	D
AC101A00DL	A	C10	9	1	TRICHLOROETHENE	N	1	2000	54	UG/L	D
AC102A00	A	C10	9	1	TRICHLOROETHENE	N	2	2000	72	UG/L	D

Table 7.30. Raw Data for Trichloroethene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC103A00DL	A	C10	9	1	TRICHLOROETHENE	N	3	2000	68	UG/L	D
AC104A00DL	A	C10	9	1	TRICHLOROETHENE	N	4	2000	68	UG/L	D
AC111A00DL	A	C11	10	1	TRICHLOROETHENE	N	1	2000	2200	UG/L	D
AC112A00	A	C11	10	1	TRICHLOROETHENE	N	2	2000	2500	UG/L	D
AC113A00DL	A	C11	10	1	TRICHLOROETHENE	N	3	2000	2300	UG/L	D
AC114A00DL	A	C11	10	1	TRICHLOROETHENE	N	4	2000	2300	UG/L	D
AC121A00	A	C12	11	1	TRICHLOROETHENE	N	1	2000	21	UG/L	
AC122A00	A	C12	11	1	TRICHLOROETHENE	N	2	2000	20	UG/L	
AC123A00	A	C12	11	1	TRICHLOROETHENE	N	3	2000	20	UG/L	
AC124A00	A	C12	11	1	TRICHLOROETHENE	N	4	2000	25	UG/L	
AC151A00	A	C15	12	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC152A00	A	C15	12	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC153A00	A	C15	12	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC154A00	A	C15	12	1	TRICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC171A00	A	C17	13	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC172A00	A	C17	13	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC173A00	A	C17	13	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC174A00	A	C17	13	1	TRICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC201A00DL2	A	C20	14	1	TRICHLOROETHENE	N	1	2000	3300	UG/L	D
AC202A00	A	C20	14	1	TRICHLOROETHENE	N	2	2000	3300	UG/L	D
AC203A00DL	A	C20	14	1	TRICHLOROETHENE	N	3	2000	4500	UG/L	D
AC204A00DL2	A	C20	14	1	TRICHLOROETHENE	N	4	2000	3500	UG/L	D
AC251A00	A	C25	15	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC252A00	A	C25	15	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC253A00	A	C25	15	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC254A00	A	C25	15	1	TRICHLOROETHENE	N	4	2000	0.25	UG/L	U
AC261A00	A	C26	16	1	TRICHLOROETHENE	N	1	2000	10	UG/L	
AC262A00	A	C26	16	1	TRICHLOROETHENE	N	2	2000	10	UG/L	
AC263A00	A	C26	16	1	TRICHLOROETHENE	N	3	2000	8.2	UG/L	
AC264A00	A	C26	16	1	TRICHLOROETHENE	N	4	2000	9.6	UG/L	
AC271A00	A	C27	17	1	TRICHLOROETHENE	N	1	2000	4.2	UG/L	
AC272A00	A	C27	17	1	TRICHLOROETHENE	N	2	2000	4.4	UG/L	
AC273A00	A	C27	17	1	TRICHLOROETHENE	N	3	2000	3.8	UG/L	
AC274A00	A	C27	17	1	TRICHLOROETHENE	N	4	2000	3.8	UG/L	
AC301A00	A	C30	18	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
AC302A00	A	C30	18	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
AC303A00	A	C30	18	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
AC304A00	A	C30	18	1	TRICHLOROETHENE	N	4	2000	0.25	UG/L	U
ACRA1A00	A	CRA	21	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
ACRA2A00	A	CRA	21	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
ACRA3A00	A	CRA	21	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
ACRA4A00	A	CRA	21	1	TRICHLOROETHENE	N	4	2000	0.25	UG/L	U
ACRB1A00	A	CRB	22	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
ACRB2A00	A	CRB	22	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
ACRB3A00	A	CRB	22	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U

Table 7.30. Raw Data for Trichloroethene. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRB4A00	A	CRB	22	1	TRICHLOROETHENE	N	4	2000	0.25	UG/L	U
ASPA1A00	A	SPA	19	1	TRICHLOROETHENE	N	1	2000	0.3	UG/L	J
ASPA2A00	A	SPA	19	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
ASPA3A00	A	SPA	19	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
ASPA4A00	A	SPA	19	1	TRICHLOROETHENE	N	4	2000	0.25	UG/L	U
ASPC1A00	A	SPC	20	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
ASPC2A00	A	SPC	20	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
ASPC3A00	A	SPC	20	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
ASPC4A00	A	SPC	20	1	TRICHLOROETHENE	N	4	2000	0.25	UG/L	U
FD03140001	A	SPC	20	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
FD03250001DL	A	C09P2	8	1	TRICHLOROETHENE	N	1	2000	120	UG/L	D
FD03290001	A	SPA	19	1	TRICHLOROETHENE	N	1	2000	0.25	UG/L	U
FD04190001	O	C13P2	2	2	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
FD05080001	O	C18	8	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
FD06090001	A	CRA		1	TRICHLOROETHENE	N	2	2000	0.5	UG/L	U
FD06230001	A	C10	9	1	TRICHLOROETHENE	N	2	2000	70	UG/L	D
FD06280001	A	SPC	20	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
FD09130001	A	C12	11	1	TRICHLOROETHENE	N	3	2000	20	UG/L	
FD09200001	A	CRB		1	TRICHLOROETHENE	N	3	2000	0.5	UG/L	U
FD09290001	A	SPC	20	1	TRICHLOROETHENE	N	3	2000	0.25	UG/L	U
FD12010001DL	A	C09P2	8	1	TRICHLOROETHENE	N	4	2000	130	UG/L	D
FD12120001	A	CRB		1	TRICHLOROETHENE	N	4	2000	0.5	UG/L	U
OC082A00	O	C08	1	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC112A00	O	C11	2	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC11P22A00	O	C11P2	1	2	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC122A00	O	C12	3	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC132A00	O	C13	4	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC13P22A00	O	C13P2	2	2	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC142A00	O	C14	5	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC14P22A00	O	C14P2	3	2	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC152A00	O	C15	6	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC162A00	O	C16	7	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC182A00	O	C18	8	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC18P22A00	O	C18P2	4	2	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC192A00	O	C19	9	1	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U
OC19P22A00	O	C19P2	5	2	TRICHLOROETHENE	N	2	2000	0.25	UG/L	U

Table 7.31. Raw Data for Ammonia.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD02230001	O	C11P2	1	2	AMMONIA AS N (EPA 350.1)	N	1	2000	0.05	MG/L	
FD02280001	O	C13	4	1	AMMONIA AS N (EPA 350.1)	N	1	2000	0.31999	MG/L	
FD04190001	O	C13P2	2	2	AMMONIA AS N (EPA 350.1)	N	2	2000	0.31	MG/L	
FD05080001	O	C18	8	1	AMMONIA AS N (EPA 350.1)	N	2	2000	0.18999	MG/L	
FD08250001	O	C14	5	1	AMMONIA AS N (EPA 350.1)	N	3	2000	0.004995	MG/L	U
FD08300001	O	C18P2	4	2	AMMONIA AS N (EPA 350.1)	N	3	2000	0.87	MG/L	
FD11190001	O	C14	5	1	AMMONIA AS N (EPA 350.1)	N	4	2000	0.004995	MG/L	U
FD11200001	O	C13P2	2	2	AMMONIA AS N (EPA 350.1)	N	4	2000	0.34	MG/L	
OC081A00	O	C08	1	1	AMMONIA AS N (EPA 350.1)	N	1	2000	0.09	MG/L	
OC082A00	O	C08	1	1	AMMONIA AS N (EPA 350.1)	N	2	2000	0.09	MG/L	
OC083A00	O	C08	1	1	AMMONIA AS N (EPA 350.1)	N	3	2000	0.07999	MG/L	
OC084A00	O	C08	1	1	AMMONIA AS N (EPA 350.1)	N	4	2000	0.03999	MG/L	
OC111A00	O	C11	2	1	AMMONIA AS N (EPA 350.1)	N	1	2000	0.18999	MG/L	
OC112A00	O	C11	2	1	AMMONIA AS N (EPA 350.1)	N	2	2000	0.14	MG/L	
OC113A00	O	C11	2	1	AMMONIA AS N (EPA 350.1)	N	3	2000	0.11999	MG/L	
OC114A00	O	C11	2	1	AMMONIA AS N (EPA 350.1)	N	4	2000	0.07999	MG/L	
OC11P21A00	O	C11P2	1	2	AMMONIA AS N (EPA 350.1)	N	1	2000	0.05999	MG/L	
OC11P22A00	O	C11P2	1	2	AMMONIA AS N (EPA 350.1)	N	2	2000	0.02999	MG/L	
OC11P23A00	O	C11P2	1	2	AMMONIA AS N (EPA 350.1)	N	3	2000	0.15	MG/L	
OC11P24A00	O	C11P2	1	2	AMMONIA AS N (EPA 350.1)	N	4	2000	0.004995	MG/L	U
OC121A00	O	C12	3	1	AMMONIA AS N (EPA 350.1)	N	1	2000	0.15999	MG/L	
OC122A00	O	C12	3	1	AMMONIA AS N (EPA 350.1)	N	2	2000	0.10999	MG/L	
OC123A00	O	C12	3	1	AMMONIA AS N (EPA 350.1)	N	3	2000	0.14	MG/L	
OC124A00	O	C12	3	1	AMMONIA AS N (EPA 350.1)	N	4	2000	0.11999	MG/L	
OC131A00	O	C13	4	1	AMMONIA AS N (EPA 350.1)	N	1	2000	0.31	MG/L	
OC132A00	O	C13	4	1	AMMONIA AS N (EPA 350.1)	N	2	2000	0.28999	MG/L	
OC133A00	O	C13	4	1	AMMONIA AS N (EPA 350.1)	N	3	2000	0.28999	MG/L	
OC134A00	O	C13	4	1	AMMONIA AS N (EPA 350.1)	N	4	2000	0.3	MG/L	
OC13P21A00	O	C13P2	2	2	AMMONIA AS N (EPA 350.1)	N	1	2000	0.28	MG/L	
OC13P22A00	O	C13P2	2	2	AMMONIA AS N (EPA 350.1)	N	2	2000	0.31	MG/L	
OC13P23A00	O	C13P2	2	2	AMMONIA AS N (EPA 350.1)	N	3	2000	0.3	MG/L	
OC13P24A00	O	C13P2	2	2	AMMONIA AS N (EPA 350.1)	N	4	2000	0.3	MG/L	
OC141A00	O	C14	5	1	AMMONIA AS N (EPA 350.1)	N	1	2000	0.03999	MG/L	J
OC142A00	O	C14	5	1	AMMONIA AS N (EPA 350.1)	N	2	2000	0.004995	MG/L	U
OC143A00	O	C14	5	1	AMMONIA AS N (EPA 350.1)	N	3	2000	0.15	MG/L	
OC144A00	O	C14	5	1	AMMONIA AS N (EPA 350.1)	N	4	2000	0.01999	MG/L	
OC14P21A00	O	C14P2	3	2	AMMONIA AS N (EPA 350.1)	N	1	2000	0.004995	MG/L	U
OC14P22A00	O	C14P2	3	2	AMMONIA AS N (EPA 350.1)	N	2	2000	0.004995	MG/L	U
OC14P23A00	O	C14P2	3	2	AMMONIA AS N (EPA 350.1)	N	3	2000	0.004995	MG/L	U
OC14P24A00	O	C14P2	3	2	AMMONIA AS N (EPA 350.1)	N	4	2000	0.12999	MG/L	
OC151A00	O	C15	6	1	AMMONIA AS N (EPA 350.1)	N	1	2000	0.004995	MG/L	U
OC152A00	O	C15	6	1	AMMONIA AS N (EPA 350.1)	N	2	2000	0.004995	MG/L	U
OC153A00	O	C15	6	1	AMMONIA AS N (EPA 350.1)	N	3	2000	0.004995	MG/L	U

Table 7.31. Raw Data for Ammonia. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC154A00	O	C15	6	1	AMMONIA AS N (EPA 350.1)	N	4	2000	0.004995	MG/L	U
OC161A00	O	C16	7	1	AMMONIA AS N (EPA 350.1)	N	1	2000	0.3	MG/L	
OC162A00	O	C16	7	1	AMMONIA AS N (EPA 350.1)	N	2	2000	0.3	MG/L	
OC163A00	O	C16	7	1	AMMONIA AS N (EPA 350.1)	N	3	2000	0.27	MG/L	
OC164A00	O	C16	7	1	AMMONIA AS N (EPA 350.1)	N	4	2000	0.28	MG/L	
OC181A00	O	C18	8	1	AMMONIA AS N (EPA 350.1)	N	1	2000	0.18999	MG/L	
OC182A00	O	C18	8	1	AMMONIA AS N (EPA 350.1)	N	2	2000	0.18999	MG/L	
OC183A00	O	C18	8	1	AMMONIA AS N (EPA 350.1)	N	3	2000	0.15999	MG/L	
OC184A00	O	C18	8	1	AMMONIA AS N (EPA 350.1)	N	4	2000	0.17	MG/L	
OC18P21A00	O	C18P2	4	2	AMMONIA AS N (EPA 350.1)	N	1	2000	1	MG/L	
OC18P22A00	O	C18P2	4	2	AMMONIA AS N (EPA 350.1)	N	2	2000	0.99	MG/L	
OC18P23A00	O	C18P2	4	2	AMMONIA AS N (EPA 350.1)	N	3	2000	0.82999	MG/L	
OC18P24A00	O	C18P2	4	2	AMMONIA AS N (EPA 350.1)	N	4	2000	0.98	MG/L	
OC191A00	O	C19	9	1	AMMONIA AS N (EPA 350.1)	N	1	2000	0.03999	MG/L	J
OC192A00	O	C19	9	1	AMMONIA AS N (EPA 350.1)	N	2	2000	0.00999	MG/L	
OC193A00	O	C19	9	1	AMMONIA AS N (EPA 350.1)	N	3	2000	0.03999	MG/L	
OC194A00	O	C19	9	1	AMMONIA AS N (EPA 350.1)	N	4	2000	0.01999	MG/L	
OC19P21A00	O	C19P2	5	2	AMMONIA AS N (EPA 350.1)	N	1	2000	0.05999	MG/L	
OC19P22A00	O	C19P2	5	2	AMMONIA AS N (EPA 350.1)	N	2	2000	0.05999	MG/L	
OC19P23A00	O	C19P2	5	2	AMMONIA AS N (EPA 350.1)	N	3	2000	0.05	MG/L	
OC19P24A00	O	C19P2	5	2	AMMONIA AS N (EPA 350.1)	N	4	2000	0.03999	MG/L	

Table 7.32. Raw Data for Chloride.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	CHLORIDE (CL) EPA 9056	N	1	2000	3.4	MG/L	
AB022A00	A	B02	1	1	CHLORIDE (CL) EPA 9056	N	2	2000	3	MG/L	
AB023A00	A	B02	1	1	CHLORIDE (CL) EPA 9056	N	3	2000	3.3	MG/L	
AB024A00	A	B02	1	1	CHLORIDE (CL) EPA 9056	N	4	2000	3	MG/L	
AB041A00	A	B04	2	1	CHLORIDE (CL) EPA 9056	N	1	2000	1.6	MG/L	
AB042A00	A	B04	2	1	CHLORIDE (CL) EPA 9056	N	2	2000	1	MG/L	
AB043A00	A	B04	2	1	CHLORIDE (CL) EPA 9056	N	3	2000	1.4	MG/L	
AB044A00	A	B04	2	1	CHLORIDE (CL) EPA 9056	N	4	2000	1	MG/L	
AC02P21A00	A	C02P2	3	1	CHLORIDE (CL) EPA 9056	N	1	2000	67	MG/L	
AC02P22A00	A	C02P2	3	1	CHLORIDE (CL) EPA 9056	N	2	2000	80	MG/L	
AC02P23A00	A	C02P2	3	1	CHLORIDE (CL) EPA 9056	N	3	2000	80	MG/L	
AC02P24A00	A	C02P2	3	1	CHLORIDE (CL) EPA 9056	N	4	2000	22	MG/L	
AC031A00	A	C03	4	1	CHLORIDE (CL) EPA 9056	N	1	2000	1.4	MG/L	
AC032A00	A	C03	4	1	CHLORIDE (CL) EPA 9056	N	2	2000	2	MG/L	
AC033A00	A	C03	4	1	CHLORIDE (CL) EPA 9056	N	3	2000	1.4	MG/L	
AC034A00	A	C03	4	1	CHLORIDE (CL) EPA 9056	N	4	2000	2	MG/L	
AC041A00	A	C04	5	1	CHLORIDE (CL) EPA 9056	N	1	2000	7	MG/L	
AC042A00	A	C04	5	1	CHLORIDE (CL) EPA 9056	N	2	2000	2	MG/L	
AC043A00	A	C04	5	1	CHLORIDE (CL) EPA 9056	N	3	2000	7.2	MG/L	
AC044A00	A	C04	5	1	CHLORIDE (CL) EPA 9056	N	4	2000	6	MG/L	

Table 7.32. Raw Data for Chloride. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC071A00	A	C07	6	1	CHLORIDE (CL) EPA 9056	N	1	2000	8.6	MG/L	
AC072A00	A	C07	6	1	CHLORIDE (CL) EPA 9056	N	2	2000	10	MG/L	
AC073A00	A	C07	6	1	CHLORIDE (CL) EPA 9056	N	3	2000	8.6	MG/L	
AC074A00	A	C07	6	1	CHLORIDE (CL) EPA 9056	N	4	2000	6	MG/L	
AC08P21A00	A	C08P2	7	1	CHLORIDE (CL) EPA 9056	N	1	2000	12	MG/L	
AC08P22A00	A	C08P2	7	1	CHLORIDE (CL) EPA 9056	N	2	2000	10	MG/L	
AC08P23A00	A	C08P2	7	1	CHLORIDE (CL) EPA 9056	N	3	2000	11	MG/L	
AC08P24A00	A	C08P2	7	1	CHLORIDE (CL) EPA 9056	N	4	2000	14	MG/L	
AC09P21A00	A	C09P2	8	1	CHLORIDE (CL) EPA 9056	N	1	2000	5.1	MG/L	
AC09P22A00	A	C09P2	8	1	CHLORIDE (CL) EPA 9056	N	2	2000	4.5	MG/L	
AC09P23A00	A	C09P2	8	1	CHLORIDE (CL) EPA 9056	N	3	2000	4.9	MG/L	
AC09P24A00	A	C09P2	8	1	CHLORIDE (CL) EPA 9056	N	4	2000	5	MG/L	
AC101A00	A	C10	9	1	CHLORIDE (CL) EPA 9056	N	1	2000	9.4	MG/L	
AC102A00	A	C10	9	1	CHLORIDE (CL) EPA 9056	N	2	2000	9	MG/L	
AC103A00	A	C10	9	1	CHLORIDE (CL) EPA 9056	N	3	2000	9.2	MG/L	
AC104A00	A	C10	9	1	CHLORIDE (CL) EPA 9056	N	4	2000	9	MG/L	
AC111A00	A	C11	10	1	CHLORIDE (CL) EPA 9056	N	1	2000	54	MG/L	
AC112A00	A	C11	10	1	CHLORIDE (CL) EPA 9056	N	2	2000	53	MG/L	
AC113A00	A	C11	10	1	CHLORIDE (CL) EPA 9056	N	3	2000	56	MG/L	
AC114A00	A	C11	10	1	CHLORIDE (CL) EPA 9056	N	4	2000	52	MG/L	
AC121A00	A	C12	11	1	CHLORIDE (CL) EPA 9056	N	1	2000	30	MG/L	
AC122A00	A	C12	11	1	CHLORIDE (CL) EPA 9056	N	2	2000	39	MG/L	
AC123A00	A	C12	11	1	CHLORIDE (CL) EPA 9056	N	3	2000	68	MG/L	
AC124A00	A	C12	11	1	CHLORIDE (CL) EPA 9056	N	4	2000	45	MG/L	
AC151A00	A	C15	12	1	CHLORIDE (CL) EPA 9056	N	1	2000	4.2	MG/L	
AC152A00	A	C15	12	1	CHLORIDE (CL) EPA 9056	N	2	2000	4.1	MG/L	
AC153A00	A	C15	12	1	CHLORIDE (CL) EPA 9056	N	3	2000	4.4	MG/L	
AC154A00	A	C15	12	1	CHLORIDE (CL) EPA 9056	N	4	2000	5	MG/L	
AC171A00	A	C17	13	1	CHLORIDE (CL) EPA 9056	N	1	2000	3.4	MG/L	
AC172A00	A	C17	13	1	CHLORIDE (CL) EPA 9056	N	2	2000	3.1	MG/L	
AC173A00	A	C17	13	1	CHLORIDE (CL) EPA 9056	N	3	2000	3.1	MG/L	
AC174A00	A	C17	13	1	CHLORIDE (CL) EPA 9056	N	4	2000	3	MG/L	
AC201A00	A	C20	14	1	CHLORIDE (CL) EPA 9056	N	1	2000	6.3	MG/L	
AC202A00	A	C20	14	1	CHLORIDE (CL) EPA 9056	N	2	2000	5.2	MG/L	
AC203A00	A	C20	14	1	CHLORIDE (CL) EPA 9056	N	3	2000	6	MG/L	
AC204A00	A	C20	14	1	CHLORIDE (CL) EPA 9056	N	4	2000	6	MG/L	
AC251A00	A	C25	15	1	CHLORIDE (CL) EPA 9056	N	1	2000	2	MG/L	
AC252A00	A	C25	15	1	CHLORIDE (CL) EPA 9056	N	2	2000	1.8	MG/L	
AC253A00	A	C25	15	1	CHLORIDE (CL) EPA 9056	N	3	2000	1.8	MG/L	
AC254A00	A	C25	15	1	CHLORIDE (CL) EPA 9056	N	4	2000	2	MG/L	
AC261A00	A	C26	16	1	CHLORIDE (CL) EPA 9056	N	1	2000	3.9	MG/L	
AC262A00	A	C26	16	1	CHLORIDE (CL) EPA 9056	N	2	2000	4	MG/L	
AC263A00	A	C26	16	1	CHLORIDE (CL) EPA 9056	N	3	2000	3.6	MG/L	
AC264A00	A	C26	16	1	CHLORIDE (CL) EPA 9056	N	4	2000	4	MG/L	
AC271A00	A	C27	17	1	CHLORIDE (CL) EPA 9056	N	1	2000	3.2	MG/L	

Table 7.32. Raw Data for Chloride. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC272A00	A	C27	17	1	CHLORIDE (CL) EPA 9056	N	2	2000	3	MG/L	
AC273A00	A	C27	17	1	CHLORIDE (CL) EPA 9056	N	3	2000	3	MG/L	
AC274A00	A	C27	17	1	CHLORIDE (CL) EPA 9056	N	4	2000	3	MG/L	
AC301A00	A	C30	18	1	CHLORIDE (CL) EPA 9056	N	1	2000	2	MG/L	
AC302A00	A	C30	18	1	CHLORIDE (CL) EPA 9056	N	2	2000	2	MG/L	
AC303A00	A	C30	18	1	CHLORIDE (CL) EPA 9056	N	3	2000	1.9	MG/L	
AC304A00	A	C30	18	1	CHLORIDE (CL) EPA 9056	N	4	2000	2	MG/L	
ACRA1A00	A	CRA	21	1	CHLORIDE (CL) EPA 9056	N	1	2000	3.6	MG/L	
ACRA2A00	A	CRA	21	1	CHLORIDE (CL) EPA 9056	N	2	2000	4.3	MG/L	
ACRA3A00	A	CRA	21	1	CHLORIDE (CL) EPA 9056	N	3	2000	3.6	MG/L	
ACRA4A00	A	CRA	21	1	CHLORIDE (CL) EPA 9056	N	4	2000	2	MG/L	
ACRB1A00	A	CRB	22	1	CHLORIDE (CL) EPA 9056	N	1	2000	3.4	MG/L	
ACRB2A00	A	CRB	22	1	CHLORIDE (CL) EPA 9056	N	2	2000	3.3	MG/L	
ACRB3A00	A	CRB	22	1	CHLORIDE (CL) EPA 9056	N	3	2000	3.3	MG/L	
ACRB4A00	A	CRB	22	1	CHLORIDE (CL) EPA 9056	N	4	2000	2	MG/L	
ASPA1A00	A	SPA	19	1	CHLORIDE (CL) EPA 9056	N	1	2000	3.6	MG/L	
ASPA2A00	A	SPA	19	1	CHLORIDE (CL) EPA 9056	N	2	2000	3	MG/L	
ASPA3A00	A	SPA	19	1	CHLORIDE (CL) EPA 9056	N	3	2000	2.7	MG/L	
ASPA4A00	A	SPA	19	1	CHLORIDE (CL) EPA 9056	N	4	2000	2	MG/L	
ASPC1A00	A	SPC	20	1	CHLORIDE (CL) EPA 9056	N	1	2000	4.3	MG/L	
ASPC2A00	A	SPC	20	1	CHLORIDE (CL) EPA 9056	N	2	2000	3	MG/L	
ASPC3A00	A	SPC	20	1	CHLORIDE (CL) EPA 9056	N	3	2000	2.6	MG/L	
ASPC4A00	A	SPC	20	1	CHLORIDE (CL) EPA 9056	N	4	2000	2	MG/L	
FD03140001	A	SPC	20	1	CHLORIDE (CL) EPA 9056	N	1	2000	4.3	MG/L	
FD03250001	A	C09P2	8	1	CHLORIDE (CL) EPA 9056	N	1	2000	4.9	MG/L	
FD03290001	A	SPA	19	1	CHLORIDE (CL) EPA 9056	N	1	2000	3.6	MG/L	
FD06090001	A	CRA		1	CHLORIDE (CL) EPA 9056	N	2	2000	4.5	MG/L	
FD06230001	A	C10	9	1	CHLORIDE (CL) EPA 9056	N	2	2000	9	MG/L	
FD06280001	A	SPC	20	1	CHLORIDE (CL) EPA 9056	N	2	2000	3	MG/L	
FD09130001	A	C12	11	1	CHLORIDE (CL) EPA 9056	N	3	2000	75	MG/L	
FD09200001	A	CRB		1	CHLORIDE (CL) EPA 9056	N	3	2000	3.3	MG/L	
FD09290001	A	SPC	20	1	CHLORIDE (CL) EPA 9056	N	3	2000	2.4	MG/L	
FD12010001	A	C09P2	8	1	CHLORIDE (CL) EPA 9056	N	4	2000	5	MG/L	
FD12120001	A	CRB		1	CHLORIDE (CL) EPA 9056	N	4	2000	1	MG/L	

Table 7.33. Raw Data for Total Dissolved Phosphorus.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00F	A	B02	1	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AB022A00F	A	B02	1	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
AB023A00F	A	B02	1	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AB024A00F	A	B02	1	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.009995	MG/L	U
AB041A00F	A	B04	2	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AB042A00F	A	B04	2	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
AB043A00F	A	B04	2	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U

Table 7.33. Raw Data for Total Dissolved Phosphorus. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB044A00F	A	B04	2	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.02999	MG/L	
AC02P21A00F	A	C02P2	3	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.15999	MG/L	
AC02P22A00F	A	C02P2	3	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0.05	MG/L	
AC02P23A00F	A	C02P2	3	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC02P24A00F	A	C02P2	3	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.009995	MG/L	U
AC031A00F	A	C03	4	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC032A00F	A	C03	4	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
AC033A00F	A	C03	4	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC034A00F	A	C03	4	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.009995	MG/L	U
AC041A00F	A	C04	5	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC042A00F	A	C04	5	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
AC043A00F	A	C04	5	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC044A00F	A	C04	5	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.009995	MG/L	U
AC071A00F	A	C07	6	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC072A00F	A	C07	6	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
AC073A00F	A	C07	6	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC074A00F	A	C07	6	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.05	MG/L	U
AC08P21A00F	A	C08P2	7	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC08P22A00F	A	C08P2	7	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
AC08P23A00F	A	C08P2	7	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC08P24A00F	A	C08P2	7	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.05	MG/L	U
AC09P21A00F	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC09P22A00F	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0.05	MG/L	
AC09P23A00F	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.18	MG/L	
AC09P24A00F	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.02999	MG/L	
AC101A00F	A	C10	9	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC102A00F	A	C10	9	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
AC103A00F	A	C10	9	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC104A00F	A	C10	9	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.009995	MG/L	U
AC111A00F	A	C11	10	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC112A00F	A	C11	10	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0.01999	MG/L	
AC113A00F	A	C11	10	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.23	MG/L	
AC114A00F	A	C11	10	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.01999	MG/L	
AC121A00F	A	C12	11	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.10999	MG/L	
AC122A00F	A	C12	11	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0.07999	MG/L	
AC123A00F	A	C12	11	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC124A00F	A	C12	11	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.82999	MG/L	
AC151A00F	A	C15	12	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC152A00F	A	C15	12	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0.01999	MG/L	
AC153A00F	A	C15	12	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC154A00F	A	C15	12	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.05	MG/L	U
AC171A00F	A	C17	13	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC172A00F	A	C17	13	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0.03999	MG/L	
AC173A00F	A	C17	13	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC174A00F	A	C17	13	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.11999	MG/L	

Table 7.33. Raw Data for Total Dissolved Phosphorus. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC201A00F	A	C20	14	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC202A00F	A	C20	14	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0.01999	MG/L	
AC203A00F	A	C20	14	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.20999	MG/L	
AC204A00F	A	C20	14	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.11999	MG/L	
AC251A00F	A	C25	15	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC252A00F	A	C25	15	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0.09	MG/L	
AC253A00F	A	C25	15	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC254A00F	A	C25	15	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.019995	MG/L	U
AC261A00F	A	C26	16	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.15	MG/L	
AC262A00F	A	C26	16	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
AC263A00F	A	C26	16	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC264A00F	A	C26	16	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.05	MG/L	U
AC271A00F	A	C27	17	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC272A00F	A	C27	17	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
AC273A00F	A	C27	17	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
AC274A00F	A	C27	17	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.02999	MG/L	
AC301A00F	A	C30	18	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
AC302A00F	A	C30	18	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
AC303A00F	A	C30	18	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.1	MG/L	UJ
AC304A00F	A	C30	18	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.009995	MG/L	U
ACRA1A00F	A	CRA	21	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.1	MG/L	J
ACRA2A00F	A	CRA	21	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0.05	MG/L	
ACRA3A00F	A	CRA	21	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
ACRA4A00F	A	CRA	21	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.05	MG/L	U
ACRB1A00F	A	CRB	22	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.1	MG/L	J
ACRB2A00F	A	CRB	22	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0.05	MG/L	
ACRB3A00F	A	CRB	22	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
ACRB4A00F	A	CRB	22	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.05999	MG/L	
ASPA1A00F	A	SPA	19	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
ASPA2A00F	A	SPA	19	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
ASPA3A00F	A	SPA	19	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
ASPA4A00F	A	SPA	19	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.05	MG/L	U
ASPC1A00F	A	SPC	20	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
ASPC2A00F	A	SPC	20	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
ASPC3A00F	A	SPC	20	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
ASPC4A00F	A	SPC	20	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.17	MG/L	
FD03140001F	A	SPC	20	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
FD03250001F	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.05	MG/L	U
FD03290001F	A	SPA	19	1	TOTAL PHOSPHORUS AS P	Y	1	2000	0.11999	MG/L	
FD06230001F	A	C10	9	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
FD06280001F	A	SPC	20	1	TOTAL PHOSPHORUS AS P	Y	2	2000	0	MG/L	U
FD09130001F	A	C12	11	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
FD09290001F	A	SPC	20	1	TOTAL PHOSPHORUS AS P	Y	3	2000	0.05	MG/L	U
FD12010001F	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.02999	MG/L	
FD12120001	A	CRB		1	TOTAL PHOSPHORUS AS P	Y	4	2000	0.01999	MG/L	

Table 7.34. Raw Data for Total Phosphorus.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AB022A00	A	B02	1	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
AB023A00	A	B02	1	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.11999	MG/L	
AB024A00	A	B02	1	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.019995	MG/L	U
AB041A00	A	B04	2	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AB042A00	A	B04	2	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
AB043A00	A	B04	2	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
AB044A00	A	B04	2	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.02999	MG/L	
AC02P21A00	A	C02P2	3	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.10999	MG/L	
AC02P22A00	A	C02P2	3	1	TOTAL PHOSPHORUS AS P	N	2	2000	0.03999	MG/L	
AC02P23A00	A	C02P2	3	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.10999	MG/L	
AC02P24A00	A	C02P2	3	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05999	MG/L	
AC031A00	A	C03	4	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC032A00	A	C03	4	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
AC033A00	A	C03	4	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
AC034A00	A	C03	4	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.76999	MG/L	
AC041A00	A	C04	5	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC042A00	A	C04	5	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
AC043A00	A	C04	5	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.15999	MG/L	
AC044A00	A	C04	5	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05	MG/L	
AC071A00	A	C07	6	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC072A00	A	C07	6	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
AC073A00	A	C07	6	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
AC074A00	A	C07	6	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05	MG/L	U
AC08P21A00	A	C08P2	7	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC08P22A00	A	C08P2	7	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
AC08P23A00	A	C08P2	7	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
AC08P24A00	A	C08P2	7	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05	MG/L	U
AC09P21A00	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC09P22A00	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	N	2	2000	0.05	MG/L	
AC09P23A00	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.15	MG/L	
AC09P24A00	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.03999	MG/L	
AC101A00	A	C10	9	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC102A00	A	C10	9	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
AC103A00	A	C10	9	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
AC104A00	A	C10	9	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05999	MG/L	
AC111A00	A	C11	10	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC112A00	A	C11	10	1	TOTAL PHOSPHORUS AS P	N	2	2000	0.03999	MG/L	
AC113A00	A	C11	10	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
AC114A00	A	C11	10	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.009995	MG/L	U
AC121A00	A	C12	11	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.14	MG/L	
AC122A00	A	C12	11	1	TOTAL PHOSPHORUS AS P	N	2	2000	0.02999	MG/L	
AC123A00	A	C12	11	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.11999	MG/L	
AC124A00	A	C12	11	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.5	MG/L	U

Table 7.34. Raw Data for Total Phosphorus. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC151A00	A	C15	12	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC152A00	A	C15	12	1	TOTAL PHOSPHORUS AS P	N	2	2000	0.01999	MG/L	
AC153A00	A	C15	12	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
AC154A00	A	C15	12	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05	MG/L	U
AC171A00	A	C17	13	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC172A00	A	C17	13	1	TOTAL PHOSPHORUS AS P	N	2	2000	0.17	MG/L	
AC173A00	A	C17	13	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
AC174A00	A	C17	13	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.009995	MG/L	U
AC201A00	A	C20	14	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC202A00	A	C20	14	1	TOTAL PHOSPHORUS AS P	N	2	2000	0.05999	MG/L	
AC203A00	A	C20	14	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.11999	MG/L	
AC204A00	A	C20	14	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05	MG/L	U
AC251A00	A	C25	15	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC252A00	A	C25	15	1	TOTAL PHOSPHORUS AS P	N	2	2000	0.01999	MG/L	
AC253A00	A	C25	15	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
AC254A00	A	C25	15	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.34999	MG/L	
AC261A00	A	C26	16	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC262A00	A	C26	16	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
AC263A00	A	C26	16	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
AC264A00	A	C26	16	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05	MG/L	U
AC271A00	A	C27	17	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
AC272A00	A	C27	17	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
AC273A00	A	C27	17	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
AC274A00	A	C27	17	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.02999	MG/L	
AC301A00	A	C30	18	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.15999	MG/L	
AC302A00	A	C30	18	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
AC303A00	A	C30	18	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.1	MG/L	UJ
AC304A00	A	C30	18	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.34	MG/L	
ACRA1A00	A	CRA	21	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.10999	MG/L	
ACRA2A00	A	CRA	21	1	TOTAL PHOSPHORUS AS P	N	2	2000	0.03999	MG/L	
ACRA3A00	A	CRA	21	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
ACRA4A00	A	CRA	21	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05	MG/L	U
ACRB1A00	A	CRB	22	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.1	MG/L	J
ACRB2A00	A	CRB	22	1	TOTAL PHOSPHORUS AS P	N	2	2000	0.12999	MG/L	
ACRB3A00	A	CRB	22	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
ACRB4A00	A	CRB	22	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.03999	MG/L	
ASPA1A00	A	SPA	19	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.11999	MG/L	
ASPA2A00	A	SPA	19	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
ASPA3A00	A	SPA	19	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
ASPA4A00	A	SPA	19	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05	MG/L	U
ASPC1A00	A	SPC	20	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
ASPC2A00	A	SPC	20	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
ASPC3A00	A	SPC	20	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
ASPC4A00	A	SPC	20	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05	MG/L	U
FD03140001	A	SPC	20	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U

Table 7.34. Raw Data for Total Phosphorus. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
FD03250001	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.05	MG/L	U
FD03290001	A	SPA	19	1	TOTAL PHOSPHORUS AS P	N	1	2000	0.23999	MG/L	
FD06090001	A	CRA		1	TOTAL PHOSPHORUS AS P	N	2	2000	0.05	MG/L	
FD06230001	A	C10	9	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
FD06280001	A	SPC	20	1	TOTAL PHOSPHORUS AS P	N	2	2000	0	MG/L	U
FD09130001	A	C12	11	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.18	MG/L	
FD09200001	A	CRB		1	TOTAL PHOSPHORUS AS P	N	3	2000	0.1	MG/L	U
FD09290001	A	SPC	20	1	TOTAL PHOSPHORUS AS P	N	3	2000	0.05	MG/L	U
FD12010001	A	C09P2	8	1	TOTAL PHOSPHORUS AS P	N	4	2000	0.05	MG/L	
FD12120001	A	CRB		1	TOTAL PHOSPHORUS AS P	N	4	2000	0.14	MG/L	

Table 7.35. Raw Data for Sulfate.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	SULFATE (SO4) EPA 9056	N	1	2000	28	MG/L	
AB022A00	A	B02	1	1	SULFATE (SO4) EPA 9056	N	2	2000	28	MG/L	
AB023A00	A	B02	1	1	SULFATE (SO4) EPA 9056	N	3	2000	25	MG/L	
AB024A00	A	B02	1	1	SULFATE (SO4) EPA 9056	N	4	2000	25	MG/L	
AB041A00	A	B04	2	1	SULFATE (SO4) EPA 9056	N	1	2000	19	MG/L	
AB042A00	A	B04	2	1	SULFATE (SO4) EPA 9056	N	2	2000	16	MG/L	
AB043A00	A	B04	2	1	SULFATE (SO4) EPA 9056	N	3	2000	19	MG/L	
AB044A00	A	B04	2	1	SULFATE (SO4) EPA 9056	N	4	2000	17	MG/L	
AC02P21A00	A	C02P2	3	1	SULFATE (SO4) EPA 9056	N	1	2000	60	MG/L	
AC02P22A00	A	C02P2	3	1	SULFATE (SO4) EPA 9056	N	2	2000	65	MG/L	
AC02P23A00	A	C02P2	3	1	SULFATE (SO4) EPA 9056	N	3	2000	68	MG/L	
AC02P24A00	A	C02P2	3	1	SULFATE (SO4) EPA 9056	N	4	2000	35	MG/L	
AC031A00	A	C03	4	1	SULFATE (SO4) EPA 9056	N	1	2000	84	MG/L	
AC032A00	A	C03	4	1	SULFATE (SO4) EPA 9056	N	2	2000	83	MG/L	
AC033A00	A	C03	4	1	SULFATE (SO4) EPA 9056	N	3	2000	84	MG/L	
AC034A00	A	C03	4	1	SULFATE (SO4) EPA 9056	N	4	2000	82	MG/L	
AC041A00	A	C04	5	1	SULFATE (SO4) EPA 9056	N	1	2000	820	MG/L	
AC042A00	A	C04	5	1	SULFATE (SO4) EPA 9056	N	2	2000	30	MG/L	
AC043A00	A	C04	5	1	SULFATE (SO4) EPA 9056	N	3	2000	780	MG/L	
AC044A00	A	C04	5	1	SULFATE (SO4) EPA 9056	N	4	2000	920	MG/L	
AC071A00	A	C07	6	1	SULFATE (SO4) EPA 9056	N	1	2000	86	MG/L	
AC072A00	A	C07	6	1	SULFATE (SO4) EPA 9056	N	2	2000	95	MG/L	
AC073A00	A	C07	6	1	SULFATE (SO4) EPA 9056	N	3	2000	89	MG/L	
AC074A00	A	C07	6	1	SULFATE (SO4) EPA 9056	N	4	2000	140	MG/L	
AC08P21A00	A	C08P2	7	1	SULFATE (SO4) EPA 9056	N	1	2000	140	MG/L	
AC08P22A00	A	C08P2	7	1	SULFATE (SO4) EPA 9056	N	2	2000	130	MG/L	
AC08P23A00	A	C08P2	7	1	SULFATE (SO4) EPA 9056	N	3	2000	130	MG/L	
AC08P24A00	A	C08P2	7	1	SULFATE (SO4) EPA 9056	N	4	2000	150	MG/L	
AC09P21A00	A	C09P2	8	1	SULFATE (SO4) EPA 9056	N	1	2000	50	MG/L	
AC09P22A00	A	C09P2	8	1	SULFATE (SO4) EPA 9056	N	2	2000	47	MG/L	
AC09P23A00	A	C09P2	8	1	SULFATE (SO4) EPA 9056	N	3	2000	62	MG/L	

Table 7.35. Raw Data for Sulfate. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC09P24A00	A	C09P2	8	1	SULFATE (SO4) EPA 9056	N	4	2000	52	MG/L	
AC101A00	A	C10	9	1	SULFATE (SO4) EPA 9056	N	1	2000	62	MG/L	
AC102A00	A	C10	9	1	SULFATE (SO4) EPA 9056	N	2	2000	63	MG/L	
AC103A00	A	C10	9	1	SULFATE (SO4) EPA 9056	N	3	2000	59	MG/L	
AC104A00	A	C10	9	1	SULFATE (SO4) EPA 9056	N	4	2000	58	MG/L	J
AC111A00	A	C11	10	1	SULFATE (SO4) EPA 9056	N	1	2000	830	MG/L	
AC112A00	A	C11	10	1	SULFATE (SO4) EPA 9056	N	2	2000	820	MG/L	
AC113A00	A	C11	10	1	SULFATE (SO4) EPA 9056	N	3	2000	780	MG/L	
AC114A00	A	C11	10	1	SULFATE (SO4) EPA 9056	N	4	2000	640	MG/L	
AC121A00	A	C12	11	1	SULFATE (SO4) EPA 9056	N	1	2000	68	MG/L	
AC122A00	A	C12	11	1	SULFATE (SO4) EPA 9056	N	2	2000	54	MG/L	
AC123A00	A	C12	11	1	SULFATE (SO4) EPA 9056	N	3	2000	59	MG/L	
AC124A00	A	C12	11	1	SULFATE (SO4) EPA 9056	N	4	2000	57	MG/L	
AC151A00	A	C15	12	1	SULFATE (SO4) EPA 9056	N	1	2000	190	MG/L	
AC152A00	A	C15	12	1	SULFATE (SO4) EPA 9056	N	2	2000	180	MG/L	
AC153A00	A	C15	12	1	SULFATE (SO4) EPA 9056	N	3	2000	200	MG/L	
AC154A00	A	C15	12	1	SULFATE (SO4) EPA 9056	N	4	2000	180	MG/L	
AC171A00	A	C17	13	1	SULFATE (SO4) EPA 9056	N	1	2000	1000	MG/L	
AC172A00	A	C17	13	1	SULFATE (SO4) EPA 9056	N	2	2000	950	MG/L	
AC173A00	A	C17	13	1	SULFATE (SO4) EPA 9056	N	3	2000	970	MG/L	
AC174A00	A	C17	13	1	SULFATE (SO4) EPA 9056	N	4	2000	1000	MG/L	
AC201A00	A	C20	14	1	SULFATE (SO4) EPA 9056	N	1	2000	120	MG/L	
AC202A00	A	C20	14	1	SULFATE (SO4) EPA 9056	N	2	2000	120	MG/L	
AC203A00	A	C20	14	1	SULFATE (SO4) EPA 9056	N	3	2000	110	MG/L	
AC204A00	A	C20	14	1	SULFATE (SO4) EPA 9056	N	4	2000	130	MG/L	
AC251A00	A	C25	15	1	SULFATE (SO4) EPA 9056	N	1	2000	270	MG/L	
AC252A00	A	C25	15	1	SULFATE (SO4) EPA 9056	N	2	2000	240	MG/L	
AC253A00	A	C25	15	1	SULFATE (SO4) EPA 9056	N	3	2000	270	MG/L	
AC254A00	A	C25	15	1	SULFATE (SO4) EPA 9056	N	4	2000	190	MG/L	
AC261A00	A	C26	16	1	SULFATE (SO4) EPA 9056	N	1	2000	110	MG/L	
AC262A00	A	C26	16	1	SULFATE (SO4) EPA 9056	N	2	2000	110	MG/L	
AC263A00	A	C26	16	1	SULFATE (SO4) EPA 9056	N	3	2000	120	MG/L	
AC264A00	A	C26	16	1	SULFATE (SO4) EPA 9056	N	4	2000	110	MG/L	
AC271A00	A	C27	17	1	SULFATE (SO4) EPA 9056	N	1	2000	11	MG/L	
AC272A00	A	C27	17	1	SULFATE (SO4) EPA 9056	N	2	2000	13	MG/L	
AC273A00	A	C27	17	1	SULFATE (SO4) EPA 9056	N	3	2000	10	MG/L	
AC274A00	A	C27	17	1	SULFATE (SO4) EPA 9056	N	4	2000	8	MG/L	
AC301A00	A	C30	18	1	SULFATE (SO4) EPA 9056	N	1	2000	120	MG/L	
AC302A00	A	C30	18	1	SULFATE (SO4) EPA 9056	N	2	2000	130	MG/L	
AC303A00	A	C30	18	1	SULFATE (SO4) EPA 9056	N	3	2000	120	MG/L	
AC304A00	A	C30	18	1	SULFATE (SO4) EPA 9056	N	4	2000	140	MG/L	
ACRA1A00	A	CRA	21	1	SULFATE (SO4) EPA 9056	N	1	2000	30	MG/L	
ACRA2A00	A	CRA	21	1	SULFATE (SO4) EPA 9056	N	2	2000	37	MG/L	
ACRA3A00	A	CRA	21	1	SULFATE (SO4) EPA 9056	N	3	2000	32	MG/L	
ACRA4A00	A	CRA	21	1	SULFATE (SO4) EPA 9056	N	4	2000	22	MG/L	

Table 7.35. Raw Data for Sulfate. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
ACRB1A00	A	CRB	22	1	SULFATE (SO4) EPA 9056	N	1	2000	33	MG/L	
ACRB2A00	A	CRB	22	1	SULFATE (SO4) EPA 9056	N	2	2000	32	MG/L	
ACRB3A00	A	CRB	22	1	SULFATE (SO4) EPA 9056	N	3	2000	31	MG/L	
ACRB4A00	A	CRB	22	1	SULFATE (SO4) EPA 9056	N	4	2000	20	MG/L	
ASPA1A00	A	SPA	19	1	SULFATE (SO4) EPA 9056	N	1	2000	35	MG/L	
ASPA2A00	A	SPA	19	1	SULFATE (SO4) EPA 9056	N	2	2000	30	MG/L	
ASPA3A00	A	SPA	19	1	SULFATE (SO4) EPA 9056	N	3	2000	27	MG/L	
ASPA4A00	A	SPA	19	1	SULFATE (SO4) EPA 9056	N	4	2000	28	MG/L	
ASPC1A00	A	SPC	20	1	SULFATE (SO4) EPA 9056	N	1	2000	30	MG/L	
ASPC2A00	A	SPC	20	1	SULFATE (SO4) EPA 9056	N	2	2000	26	MG/L	
ASPC3A00	A	SPC	20	1	SULFATE (SO4) EPA 9056	N	3	2000	23	MG/L	
ASPC4A00	A	SPC	20	1	SULFATE (SO4) EPA 9056	N	4	2000	23	MG/L	
FD03140001	A	SPC	20	1	SULFATE (SO4) EPA 9056	N	1	2000	30	MG/L	
FD03250001	A	C09P2	8	1	SULFATE (SO4) EPA 9056	N	1	2000	59	MG/L	
FD03290001	A	SPA	19	1	SULFATE (SO4) EPA 9056	N	1	2000	35	MG/L	
FD06090001	A	CRA		1	SULFATE (SO4) EPA 9056	N	2	2000	37	MG/L	
FD06230001	A	C10	9	1	SULFATE (SO4) EPA 9056	N	2	2000	64	MG/L	
FD06280001	A	SPC	20	1	SULFATE (SO4) EPA 9056	N	2	2000	25	MG/L	
FD09130001	A	C12	11	1	SULFATE (SO4) EPA 9056	N	3	2000	64	MG/L	
FD09200001	A	CRB		1	SULFATE (SO4) EPA 9056	N	3	2000	1.4	MG/L	
FD09290001	A	SPC	20	1	SULFATE (SO4) EPA 9056	N	3	2000	22	MG/L	
FD12010001	A	C09P2	8	1	SULFATE (SO4) EPA 9056	N	4	2000	53	MG/L	
FD12120001	A	CRB		1	SULFATE (SO4) EPA 9056	N	4	2000	20	MG/L	

Table 7.36. Raw Data for Total Organic Carbon.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AB022A00	A	B02	1	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AB023A00	A	B02	1	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AB024A00	A	B02	1	1	TOTAL ORGANIC CARBON	N	4	2000	1.6	MG/L	
AB041A00	A	B04	2	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AB042A00	A	B04	2	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AB043A00	A	B04	2	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AB044A00	A	B04	2	1	TOTAL ORGANIC CARBON	N	4	2000	1.5	MG/L	
AC02P21A00	A	C02P2	3	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC02P22A00	A	C02P2	3	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC02P23A00	A	C02P2	3	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC02P24A00	A	C02P2	3	1	TOTAL ORGANIC CARBON	N	4	2000	1.1	MG/L	
AC031A00	A	C03	4	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC032A00	A	C03	4	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC033A00	A	C03	4	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC034A00	A	C03	4	1	TOTAL ORGANIC CARBON	N	4	2000	1.1	MG/L	
AC041A00	A	C04	5	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC042A00	A	C04	5	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U

Table 7.36. Raw Data for Total Organic Carbon. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC043A00	A	C04	5	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC071A00	A	C07	6	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC072A00	A	C07	6	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC073A00	A	C07	6	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC074A00	A	C07	6	1	TOTAL ORGANIC CARBON	N	4	2000	1.4	MG/L	
AC08P21A00	A	C08P2	7	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC08P22A00	A	C08P2	7	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC08P23A00	A	C08P2	7	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC08P24A00	A	C08P2	7	1	TOTAL ORGANIC CARBON	N	4	2000	1.3	MG/L	
AC09P21A00	A	C09P2	8	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC09P22A00	A	C09P2	8	1	TOTAL ORGANIC CARBON	N	2	2000	1	MG/L	
AC09P23A00	A	C09P2	8	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC09P24A00	A	C09P2	8	1	TOTAL ORGANIC CARBON	N	4	2000	1.2	MG/L	
AC101A00	A	C10	9	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC102A00	A	C10	9	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC103A00	A	C10	9	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC104A00	A	C10	9	1	TOTAL ORGANIC CARBON	N	4	2000	1.3	MG/L	
AC111A00	A	C11	10	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC112A00	A	C11	10	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC113A00	A	C11	10	1	TOTAL ORGANIC CARBON	N	3	2000	1.1	MG/L	
AC114A00	A	C11	10	1	TOTAL ORGANIC CARBON	N	4	2000	2	MG/L	
AC121A00	A	C12	11	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC122A00	A	C12	11	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC123A00	A	C12	11	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC124A00	A	C12	11	1	TOTAL ORGANIC CARBON	N	4	2000	1.6	MG/L	
AC151A00	A	C15	12	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC152A00	A	C15	12	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC153A00	A	C15	12	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC154A00	A	C15	12	1	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
AC171A00	A	C17	13	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC172A00	A	C17	13	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC173A00	A	C17	13	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC174A00	A	C17	13	1	TOTAL ORGANIC CARBON	N	4	2000	1.4	MG/L	
AC201A00	A	C20	14	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC202A00	A	C20	14	1	TOTAL ORGANIC CARBON	N	2	2000	1.7	MG/L	
AC203A00	A	C20	14	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC204A00	A	C20	14	1	TOTAL ORGANIC CARBON	N	4	2000	1.7	MG/L	
AC251A00	A	C25	15	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC252A00	A	C25	15	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC253A00	A	C25	15	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC254A00	A	C25	15	1	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
AC261A00	A	C26	16	1	TOTAL ORGANIC CARBON	N	1	2000	1.1	MG/L	
AC262A00	A	C26	16	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC263A00	A	C26	16	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC264A00	A	C26	16	1	TOTAL ORGANIC CARBON	N	4	2000	1.1	MG/L	

Table 7.36. Raw Data for Total Organic Carbon. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC271A00	A	C27	17	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC272A00	A	C27	17	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC273A00	A	C27	17	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC274A00	A	C27	17	1	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
AC301A00	A	C30	18	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
AC302A00	A	C30	18	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
AC303A00	A	C30	18	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
AC304A00	A	C30	18	1	TOTAL ORGANIC CARBON	N	4	2000	1.5	MG/L	
ACRA1A00	A	CRA	21	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
ACRA2A00	A	CRA	21	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
ACRA3A00	A	CRA	21	1	TOTAL ORGANIC CARBON	N	3	2000	1.1	MG/L	
ACRA4A00	A	CRA	21	1	TOTAL ORGANIC CARBON	N	4	2000	1.9	MG/L	
ACRB1A00	A	CRB	22	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
ACRB2A00	A	CRB	22	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
ACRB3A00	A	CRB	22	1	TOTAL ORGANIC CARBON	N	3	2000	1.2	MG/L	
ACRB4A00	A	CRB	22	1	TOTAL ORGANIC CARBON	N	4	2000	2.9	MG/L	
ASPA1A00	A	SPA	19	1	TOTAL ORGANIC CARBON	N	1	2000	1.1	MG/L	
ASPA2A00	A	SPA	19	1	TOTAL ORGANIC CARBON	N	2	2000	1	MG/L	
ASPA3A00	A	SPA	19	1	TOTAL ORGANIC CARBON	N	3	2000	1.6	MG/L	
ASPA4A00	A	SPA	19	1	TOTAL ORGANIC CARBON	N	4	2000	2	MG/L	
ASPC1A00	A	SPC	20	1	TOTAL ORGANIC CARBON	N	1	2000	1.4	MG/L	
ASPC2A00	A	SPC	20	1	TOTAL ORGANIC CARBON	N	2	2000	1	MG/L	
ASPC3A00	A	SPC	20	1	TOTAL ORGANIC CARBON	N	3	2000	1.3	MG/L	
ASPC4A00	A	SPC	20	1	TOTAL ORGANIC CARBON	N	4	2000	1.5	MG/L	
DC021A00	D	C02	1	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
DC023A00	D	C02	1	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
DC031A00	D	C03	2	1	TOTAL ORGANIC CARBON	N	1	2000	2	MG/L	
DC033A00	D	C03	2	1	TOTAL ORGANIC CARBON	N	3	2000	2	MG/L	
DC03P21A00	D	C03P2	1	2	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
DC03P23A00	D	C03P2	1	2	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
DC041A00	D	C04	3	1	TOTAL ORGANIC CARBON	N	1	2000	1.4	MG/L	
DC043A00	D	C04	3	1	TOTAL ORGANIC CARBON	N	3	2000	1.1	MG/L	
DC04P21A00	D	C04P2	2	2	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
DC04P23A00	D	C04P2	2	2	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
DC051A00	D	C05	4	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
DC053B00	D	C05	4	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
DC061A00	D	C06	5	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
DC063A00	D	C06	5	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
DC06P21A00	D	C06P2	3	2	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
DC06P23A00	D	C06P2	3	2	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
DC071A00	D	C07	6	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
DC073A00	D	C07	6	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
DC081A00	D	C08	7	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
DC083A00	D	C08	7	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
DC08P21A00	D	C08P2	4	2	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U

Table 7.36. Raw Data for Total Organic Carbon. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC08P23A00	D	C08P2	4	2	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
FD01310001	D	C06	5	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
FD02140001	D	C03P2	1	2	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
FD02230001	O	C11P2	1	2	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
FD02280001	O	C13	4	1	TOTAL ORGANIC CARBON	N	1	2000	1.3	MG/L	
FD03140001	A	SPC	20	1	TOTAL ORGANIC CARBON	N	1	2000	1.1	MG/L	
FD03250001	A	C09P2	8	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
FD03290001	A	SPA	19	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
FD04190001	O	C13P2	2	2	TOTAL ORGANIC CARBON	N	2	2000	1.4	MG/L	
FD05080001	O	C18	8	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
FD06090001	A	CRA		1	TOTAL ORGANIC CARBON	N	2	2000	1	MG/L	U
FD06230001	A	C10	9	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
FD06280001	A	SPC	20	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
FD07290001	D	C05	4	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
FD08090001	D	C02	1	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
FD08250001	O	C14	5	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
FD08300001	O	C18P2	4	2	TOTAL ORGANIC CARBON	N	3	2000	2.8	MG/L	
FD09130001	A	C12	11	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
FD09200001	A	CRB		1	TOTAL ORGANIC CARBON	N	3	2000	1.4	MG/L	
FD09290001	A	SPC	20	1	TOTAL ORGANIC CARBON	N	3	2000	1.8	MG/L	
FD11190001	O	C14	5	1	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
FD11200001	O	C13P2	2	2	TOTAL ORGANIC CARBON	N	4	2000	1.3	MG/L	
FD12010001	A	C09P2	8	1	TOTAL ORGANIC CARBON	N	4	2000	1.1	MG/L	
FD12120001	A	CRB		1	TOTAL ORGANIC CARBON	N	4	2000	2.4	MG/L	
OC081A00	O	C08	1	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
OC082A00	O	C08	1	1	TOTAL ORGANIC CARBON	N	2	2000	1.6	MG/L	
OC083A00	O	C08	1	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
OC084A00	O	C08	1	1	TOTAL ORGANIC CARBON	N	4	2000	1.4	MG/L	
OC111A00	O	C11	2	1	TOTAL ORGANIC CARBON	N	1	2000	1.1	MG/L	
OC112A00	O	C11	2	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
OC113A00	O	C11	2	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
OC114A00	O	C11	2	1	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
OC11P21A00	O	C11P2	1	2	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
OC11P22A00	O	C11P2	1	2	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
OC11P23A00	O	C11P2	1	2	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
OC11P24A00	O	C11P2	1	2	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
OC121A00	O	C12	3	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
OC122A00	O	C12	3	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
OC123A00	O	C12	3	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
OC124A00	O	C12	3	1	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
OC131A00	O	C13	4	1	TOTAL ORGANIC CARBON	N	1	2000	1.1	MG/L	
OC132A00	O	C13	4	1	TOTAL ORGANIC CARBON	N	2	2000	1.2	MG/L	
OC133A00	O	C13	4	1	TOTAL ORGANIC CARBON	N	3	2000	1.3	MG/L	
OC134A00	O	C13	4	1	TOTAL ORGANIC CARBON	N	4	2000	2.6	MG/L	
OC13P21A00	O	C13P2	2	2	TOTAL ORGANIC CARBON	N	1	2000	1.1	MG/L	

Table 7.36. Raw Data for Total Organic Carbon. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC13P22A00	O	C13P2	2	2	TOTAL ORGANIC CARBON	N	2	2000	1.2	MG/L	
OC13P23A00	O	C13P2	2	2	TOTAL ORGANIC CARBON	N	3	2000	1.2	MG/L	
OC13P24A00	O	C13P2	2	2	TOTAL ORGANIC CARBON	N	4	2000	1.4	MG/L	
OC141A00	O	C14	5	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
OC142A00	O	C14	5	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
OC143A00	O	C14	5	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
OC144A00	O	C14	5	1	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
OC14P21A00	O	C14P2	3	2	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
OC14P22A00	O	C14P2	3	2	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
OC14P23A00	O	C14P2	3	2	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
OC14P24A00	O	C14P2	3	2	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
OC151A00	O	C15	6	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
OC152A00	O	C15	6	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
OC153A00	O	C15	6	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
OC154A00	O	C15	6	1	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
OC161A00	O	C16	7	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
OC162A00	O	C16	7	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
OC163A00	O	C16	7	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
OC164A00	O	C16	7	1	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
OC181A00	O	C18	8	1	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
OC182A00	O	C18	8	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
OC183A00	O	C18	8	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
OC184A00	O	C18	8	1	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U
OC18P21A00	O	C18P2	4	2	TOTAL ORGANIC CARBON	N	1	2000	2.7	MG/L	
OC18P22A00	O	C18P2	4	2	TOTAL ORGANIC CARBON	N	2	2000	2.3	MG/L	
OC18P23A00	O	C18P2	4	2	TOTAL ORGANIC CARBON	N	3	2000	2.4	MG/L	
OC18P24A00	O	C18P2	4	2	TOTAL ORGANIC CARBON	N	4	2000	4.4	MG/L	
OC191A00	O	C19	9	1	TOTAL ORGANIC CARBON	N	1	2000	1.4	MG/L	
OC192A00	O	C19	9	1	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
OC193A00	O	C19	9	1	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
OC194A00	O	C19	9	1	TOTAL ORGANIC CARBON	N	4	2000	1.2	MG/L	J
OC19P21A00	O	C19P2	5	2	TOTAL ORGANIC CARBON	N	1	2000	0.5	MG/L	U
OC19P22A00	O	C19P2	5	2	TOTAL ORGANIC CARBON	N	2	2000	0.5	MG/L	U
OC19P23A00	O	C19P2	5	2	TOTAL ORGANIC CARBON	N	3	2000	0.5	MG/L	U
OC19P24A00	O	C19P2	5	2	TOTAL ORGANIC CARBON	N	4	2000	0.5	MG/L	U

Table 7.37. Raw Data for Total Organic Halogens.

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB021A00	A	B02	1	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AB022A00	A	B02	1	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	U
AB023A00	A	B02	1	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
AB024A00	A	B02	1	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AB041A00	A	B04	2	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AB042A00	A	B04	2	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	U

Table 7.37. Raw Data for Total Organic Halogens. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AB043A00	A	B04	2	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
AB044A00	A	B04	2	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AC02P21A00	A	C02P2	3	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AC02P22A00	A	C02P2	3	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
AC02P23A00	A	C02P2	3	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
AC02P24A00	A	C02P2	3	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AC031A00	A	C03	4	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AC032A00	A	C03	4	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	U
AC033A00	A	C03	4	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
AC034A00	A	C03	4	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AC041A00	A	C04	5	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AC042A00	A	C04	5	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	U
AC043A00	A	C04	5	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
AC044A00	A	C04	5	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AC071A00	A	C07	6	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AC072A00	A	C07	6	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	U
AC073A00	A	C07	6	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
AC074A00	A	C07	6	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AC08P21A00	A	C08P2	7	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.02999	MG/L	
AC08P22A00	A	C08P2	7	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	
AC08P23A00	A	C08P2	7	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.07	MG/L	
AC08P24A00	A	C08P2	7	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.09	MG/L	
AC09P21A00	A	C09P2	8	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.07	MG/L	
AC09P22A00	A	C09P2	8	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.18999	MG/L	
AC09P23A00	A	C09P2	8	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.10999	MG/L	J
AC09P24A00	A	C09P2	8	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.09	MG/L	
AC101A00	A	C10	9	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.03999	MG/L	
AC102A00	A	C10	9	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	
AC103A00	A	C10	9	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.07999	MG/L	
AC104A00	A	C10	9	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.1	MG/L	
AC111A00	A	C11	10	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.85	MG/L	
AC112A00	A	C11	10	1	TOTAL ORGANIC HALOGENS	N	2	2000	1.2	MG/L	
AC113A00	A	C11	10	1	TOTAL ORGANIC HALOGENS	N	3	2000	1.2	MG/L	J
AC114A00	A	C11	10	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.81	MG/L	
AC121A00	A	C12	11	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AC122A00	A	C12	11	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.03999	MG/L	
AC123A00	A	C12	11	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.09	MG/L	J
AC124A00	A	C12	11	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AC151A00	A	C15	12	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.05	MG/L	
AC152A00	A	C15	12	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.01999	MG/L	
AC153A00	A	C15	12	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
AC154A00	A	C15	12	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AC171A00	A	C17	13	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AC172A00	A	C17	13	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
AC173A00	A	C17	13	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.01999	MG/L	UJ

Table 7.37. Raw Data for Total Organic Halogens. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
AC174A00	A	C17	13	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AC201A00	A	C20	14	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AC202A00	A	C20	14	1	TOTAL ORGANIC HALOGENS	N	2	2000	1.4	MG/L	
AC203A00	A	C20	14	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.69999	MG/L	J
AC204A00	A	C20	14	1	TOTAL ORGANIC HALOGENS	N	4	2000	1.8	MG/L	
AC251A00	A	C25	15	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.03999	MG/L	
AC252A00	A	C25	15	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.019995	MG/L	U
AC253A00	A	C25	15	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
AC254A00	A	C25	15	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AC261A00	A	C26	16	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AC262A00	A	C26	16	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	U
AC263A00	A	C26	16	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.01999	MG/L	UJ
AC264A00	A	C26	16	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AC271A00	A	C27	17	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AC272A00	A	C27	17	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	U
AC273A00	A	C27	17	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.01999	MG/L	UJ
AC274A00	A	C27	17	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
AC301A00	A	C30	18	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
AC302A00	A	C30	18	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	U
AC303A00	A	C30	18	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
AC304A00	A	C30	18	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
ACRA1A00	A	CRA	21	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
ACRA2A00	A	CRA	21	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
ACRA3A00	A	CRA	21	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
ACRA4A00	A	CRA	21	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
ACRB1A00	A	CRB	22	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
ACRB2A00	A	CRB	22	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.02999	MG/L	
ACRB3A00	A	CRB	22	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
ACRB4A00	A	CRB	22	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
ASPA1A00	A	SPA	19	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
ASPA2A00	A	SPA	19	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	U
ASPA3A00	A	SPA	19	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
ASPA4A00	A	SPA	19	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
ASPC1A00	A	SPC	20	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
ASPC2A00	A	SPC	20	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	U
ASPC3A00	A	SPC	20	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
ASPC4A00	A	SPC	20	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
DC021A00	D	C02	1	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
DC023A00	D	C02	1	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.02999	MG/L	
DC031A00	D	C03	2	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
DC033A00	D	C03	2	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
DC03P21A00	D	C03P2	1	2	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
DC03P23A00	D	C03P2	1	2	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
DC041A00	D	C04	3	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
DC043A00	D	C04	3	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U

Table 7.37. Raw Data for Total Organic Halogens. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
DC04P21A00	D	C04P2	2	2	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
DC04P23A00	D	C04P2	2	2	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
DC051A00	D	C05	4	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
DC053B00	D	C05	4	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
DC061A00	D	C06	5	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
DC063A00	D	C06	5	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
DC06P21A00	D	C06P2	3	2	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
DC06P23A00	D	C06P2	3	2	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
DC071A00	D	C07	6	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
DC073A00	D	C07	6	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
DC081A00	D	C08	7	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
DC083A00	D	C08	7	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
DC08P21A00	D	C08P2	4	2	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
DC08P23A00	D	C08P2	4	2	TOTAL ORGANIC HALOGENS	N	3	2000	0	MG/L	U
FD01310001	D	C06	5	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
FD02140001	D	C03P2	1	2	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
FD02230001	O	C11P2	1	2	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
FD02280001	O	C13	4	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
FD03140001	A	SPC	20	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
FD03250001	A	C09P2	8	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.02999	MG/L	
FD03290001	A	SPA	19	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
FD04190001	O	C13P2	2	2	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
FD05080001	O	C18	8	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
FD06090001	A	CRA		1	TOTAL ORGANIC HALOGENS	N	2	2000	0.05	MG/L	
FD06230001	A	C10	9	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	
FD06280001	A	SPC	20	1	TOTAL ORGANIC HALOGENS	N	2	2000	0	MG/L	U
FD07290001	D	C05	4	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
FD08090001	D	C02	1	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
FD08250001	O	C14	5	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
FD08300001	O	C18P2	4	2	TOTAL ORGANIC HALOGENS	N	3	2000	0.1	MG/L	U
FD09130001	A	C12	11	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.01999	MG/L	
FD09200001	A	CRB		1	TOTAL ORGANIC HALOGENS	N	3	2000	0.01999	MG/L	U
FD09290001	A	SPC	20	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
FD11190001	O	C14	5	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
FD11200001	O	C13P2	2	2	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
FD12010001	A	C09P2	8	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.14	MG/L	
FD12120001	A	CRB		1	TOTAL ORGANIC HALOGENS	N	4	2000	0.05	MG/L	U
OC081A00	O	C08	1	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC082A00	O	C08	1	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC083A00	O	C08	1	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC084A00	O	C08	1	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.05	MG/L	UJ
OC111A00	O	C11	2	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC112A00	O	C11	2	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC113A00	O	C11	2	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC114A00	O	C11	2	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U

Table 7.37. Raw Data for Total Organic Halogens. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC11P21A00	O	C11P2	1	2	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC11P22A00	O	C11P2	1	2	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC11P23A00	O	C11P2	1	2	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC11P24A00	O	C11P2	1	2	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
OC121A00	O	C12	3	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC122A00	O	C12	3	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC123A00	O	C12	3	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC124A00	O	C12	3	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.009995	MG/L	U
OC131A00	O	C13	4	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC132A00	O	C13	4	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.02999	MG/L	
OC133A00	O	C13	4	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC134A00	O	C13	4	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
OC13P21A00	O	C13P2	2	2	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC13P22A00	O	C13P2	2	2	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC13P23A00	O	C13P2	2	2	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC13P24A00	O	C13P2	2	2	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
OC141A00	O	C14	5	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.01999	MG/L	
OC142A00	O	C14	5	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC143A00	O	C14	5	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC144A00	O	C14	5	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
OC14P21A00	O	C14P2	3	2	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC14P22A00	O	C14P2	3	2	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC14P23A00	O	C14P2	3	2	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC14P24A00	O	C14P2	3	2	TOTAL ORGANIC HALOGENS	N	4	2000	0.05	MG/L	U
OC151A00	O	C15	6	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC152A00	O	C15	6	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC153A00	O	C15	6	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC154A00	O	C15	6	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
OC161A00	O	C16	7	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC162A00	O	C16	7	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC163A00	O	C16	7	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC164A00	O	C16	7	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
OC181A00	O	C18	8	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC182A00	O	C18	8	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC183A00	O	C18	8	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC184A00	O	C18	8	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.025	MG/L	U
OC18P21A00	O	C18P2	4	2	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC18P22A00	O	C18P2	4	2	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC18P23A00	O	C18P2	4	2	TOTAL ORGANIC HALOGENS	N	3	2000	0.03999	MG/L	
OC18P24A00	O	C18P2	4	2	TOTAL ORGANIC HALOGENS	N	4	2000	0.07	MG/L	
OC191A00	O	C19	9	1	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U
OC192A00	O	C19	9	1	TOTAL ORGANIC HALOGENS	N	2	2000	0.01999	MG/L	
OC193A00	O	C19	9	1	TOTAL ORGANIC HALOGENS	N	3	2000	0.009995	MG/L	U
OC194A00	O	C19	9	1	TOTAL ORGANIC HALOGENS	N	4	2000	0.009995	MG/L	U
OC19P21A00	O	C19P2	5	2	TOTAL ORGANIC HALOGENS	N	1	2000	0.009995	MG/L	U

Table 7.37. Raw Data for Total Organic Halogens. (Continued)

sample_no	location	well	well_no	aquifer	parameter	filtered	quarter	year	lab_result	units	lab_qual
OC19P22A00	O	C19P2	5	2	TOTAL ORGANIC HALOGENS	N	2	2000	0.009995	MG/L	U
OC19P23A00	O	C19P2	5	2	TOTAL ORGANIC HALOGENS	N	3	2000	0.07	MG/L	
OC19P24A00	O	C19P2	5	2	TOTAL ORGANIC HALOGENS	N	4	2000	0.009995	MG/L	U

The data analysis is for three sets of data, the Ammunition Burning Grounds, the Old Rifle Range Beech Creek Aquifer, and the Old Rifle Range Big Clifty Aquifer. There are cases where a parameter had detections but not in all three sets of data.

On the following pages there are tables showing the number of samples, the mean, the standard deviation, the minimum value, and the maximum value for each well for the parameters that had measurements taken in more than one quarter for at least some of the wells. For some cases the lab reported detections that were below the detection limit. When this occurred, the lab_result was changed to the detection limit and the lab_qual was changed to U. This was done to make the data consistent. These small values below the detection limit were not valid to include in a proper statistical analysis. Where the parameter was not detected, one-half of the detection limit was used as the value. A standard deviation of zero indicates all of the readings were the same. This usually implies that there were no detections. In some cases repeat samples were taken. This is the reason the sample size is larger than four for some wells. Also, note that even though CRA, CRB, SPA, and SPC are not wells, they are shown as wells in the analysis. Below each table is a graph showing the mean value for each well. The wells are numbered on the graphs. These numbers correspond to the wells in the order they are shown in the table. Tables 7.38 thru 7.74 are for the Ammunition Burning Grounds, Tables 7.75 thru 7.94 are for the Old Rifle Range Beech Creek Aquifer, and Tables 7.95 thru 7.109 are for the Old Rifle Range Big Clifty Aquifer.

EXPLOSIVES

AMMUNITION BURNING GROUNDS

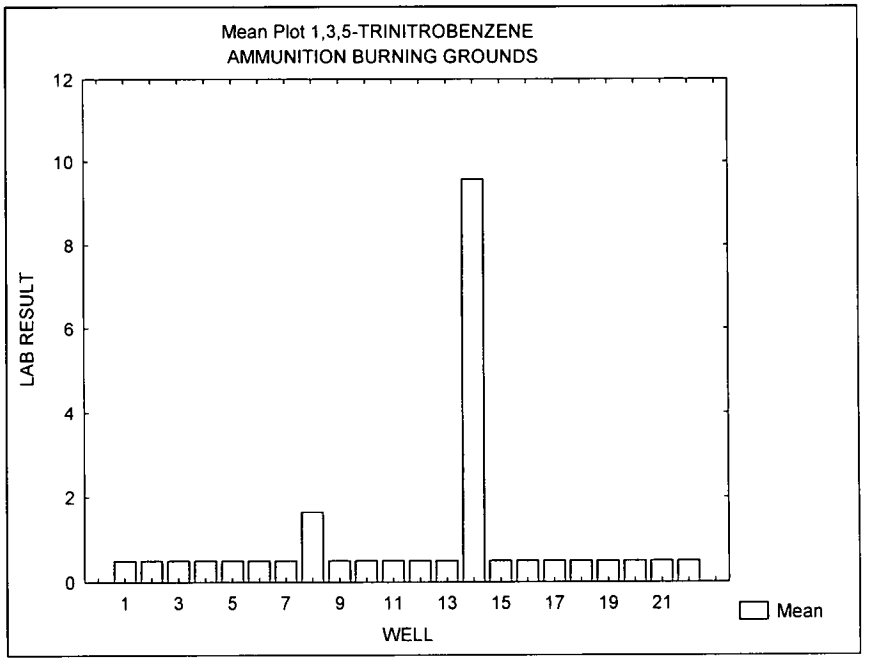
Tables 7.38 through 7.42

1,3,5-TRINITROBENZENE (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	0.500000	4	0.000000	0.500000	0.50000
2	B04	0.500000	4	0.000000	0.500000	0.50000
3	C02P2	0.500000	4	0.000000	0.500000	0.50000
4	C03	0.500000	4	0.000000	0.500000	0.50000
5	C04	0.500000	4	0.000000	0.500000	0.50000
6	C07	0.500000	4	0.000000	0.500000	0.50000
7	C08P2	0.500000	4	0.000000	0.500000	0.50000
8	C09P2	1.650000	6	1.784096	0.500000	4.10000
9	C10	0.500000	5	0.000000	0.500000	0.50000
10	C11	0.500000	4	0.000000	0.500000	0.50000
11	C12	0.500000	5	0.000000	0.500000	0.50000
12	C15	0.500000	4	0.000000	0.500000	0.50000
13*	C17*	0.500000	4	0.000000	0.500000	0.50000
14	C20	9.575000	4	3.404287	6.500000	13.00000
15	C25	0.500000	4	0.000000	0.500000	0.50000
16	C26	0.500000	4	0.000000	0.500000	0.50000
17	C27	0.500000	4	0.000000	0.500000	0.50000
18	C30	0.500000	4	0.000000	0.500000	0.50000
19	CRA	0.500000	5	0.000000	0.500000	0.50000
20	CRB	0.500000	6	0.000000	0.500000	0.50000
21	SPA	0.500000	5	0.000000	0.500000	0.50000
22	SPC	0.500000	7	0.000000	0.500000	0.50000
	All Grps	0.936364	99	1.940937	0.500000	13.00000

Table 7.38.

* Denotes Upgradient Well

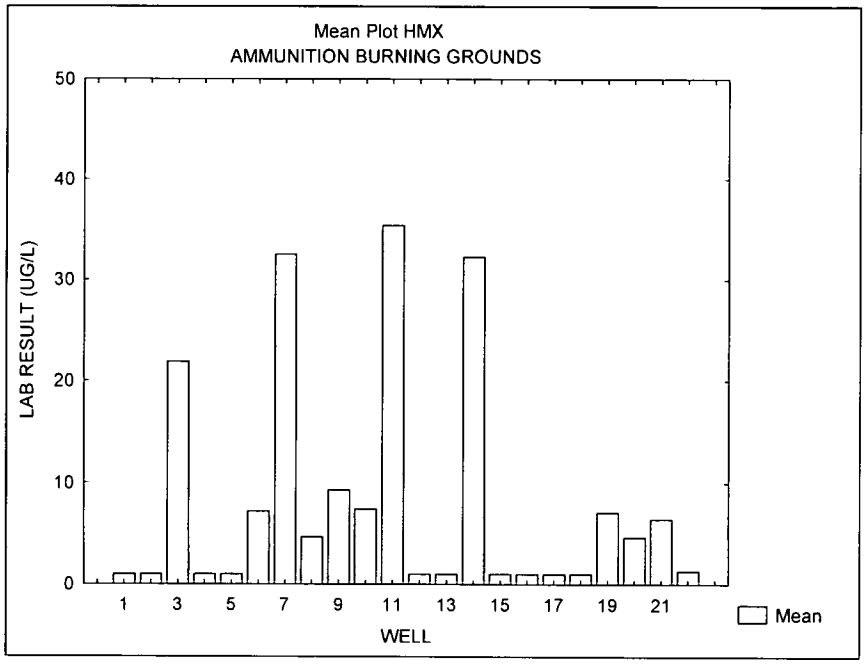


HMX (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	1.00000	4	0.00000	1.00000	1.00000
2	B04	1.00000	4	0.00000	1.00000	1.00000
3	C02P2	21.87500	4	11.70737	4.50000	30.00000
4	C03	1.00000	4	0.00000	1.00000	1.00000
5	C04	1.00000	4	0.00000	1.00000	1.00000
6	C07	7.22500	4	2.00395	4.80000	9.50000
7	C08P2	32.50000	4	2.08167	30.00000	35.00000
8	C09P2	4.63333	6	0.60222	4.00000	5.40000
9	C10	9.32000	5	0.58052	8.70000	10.00000
10	C11	7.45000	4	0.58023	6.70000	8.10000
11	C12	35.40000	5	8.01873	24.00000	44.00000
12	C15	1.00000	4	0.00000	1.00000	1.00000
13*	C17*	1.00000	4	0.00000	1.00000	1.00000
14	C20	32.25000	4	3.30404	29.00000	36.00000
15	C25	1.00000	4	0.00000	1.00000	1.00000
16	C26	1.00000	4	0.00000	1.00000	1.00000
17	C27	1.00000	4	0.00000	1.00000	1.00000
18	C30	1.00000	4	0.00000	1.00000	1.00000
19	CRA	7.14000	5	4.29977	1.00000	11.00000
20	CRB	4.65000	6	2.57274	1.00000	7.00000
21	SPA	6.44000	5	2.91256	3.00000	10.00000
22	SPC	1.31429	7	0.53984	1.00000	2.20000
	All Grps	8.09697	99	11.33249	1.00000	44.00000

Table 7.39.

* Denotes Upgradient Well

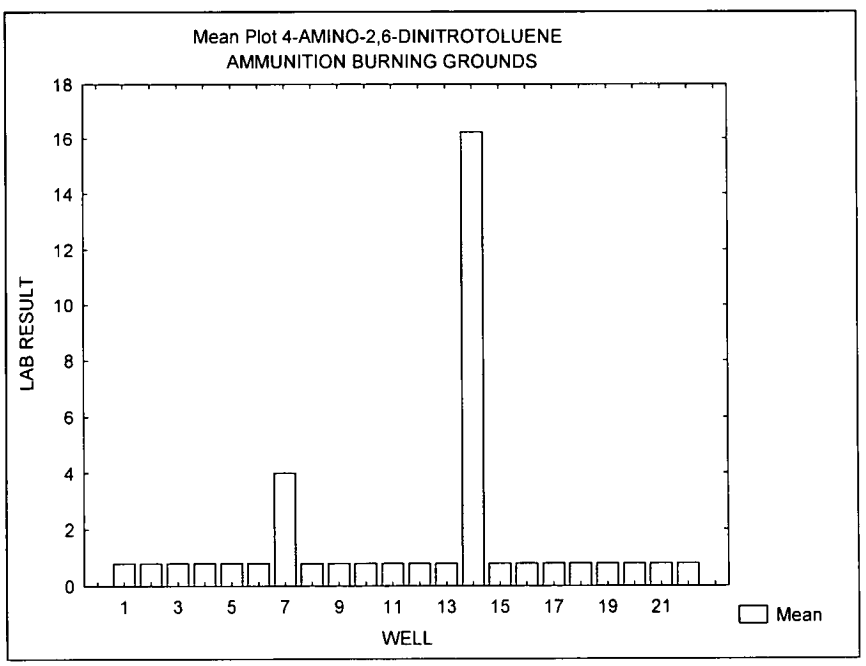


4-AMINO-2,6-DINITROTOLUENE (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	0.80000	4	0.000000	0.80000	0.80000
2	B04	0.80000	4	0.000000	0.80000	0.80000
3	C02P2	0.80000	4	0.000000	0.80000	0.80000
4	C03	0.80000	4	0.000000	0.80000	0.80000
5	C04	0.80000	4	0.000000	0.80000	0.80000
6	C07	0.80000	4	0.000000	0.80000	0.80000
7	C08P2	4.00000	4	0.469042	3.40000	4.50000
8	C09P2	0.80000	6	0.000000	0.80000	0.80000
9	C10	0.80000	5	0.000000	0.80000	0.80000
10	C11	0.80000	4	0.000000	0.80000	0.80000
11	C12	0.80000	5	0.000000	0.80000	0.80000
12	C15	0.80000	4	0.000000	0.80000	0.80000
13*	C17*	0.80000	4	0.000000	0.80000	0.80000
14	C20	16.25000	4	1.707825	14.00000	18.00000
15	C25	0.80000	4	0.000000	0.80000	0.80000
16	C26	0.80000	4	0.000000	0.80000	0.80000
17	C27	0.80000	4	0.000000	0.80000	0.80000
18	C30	0.80000	4	0.000000	0.80000	0.80000
19	CRA	0.80000	5	0.000000	0.80000	0.80000
20	CRB	0.80000	6	0.000000	0.80000	0.80000
21	SPA	0.80000	5	0.000000	0.80000	0.80000
22	SPC	0.80000	7	0.000000	0.80000	0.80000
	All Grps	1.55354	99	3.110906	0.80000	18.00000

Table 7.40.

* Denotes Upgradient Well

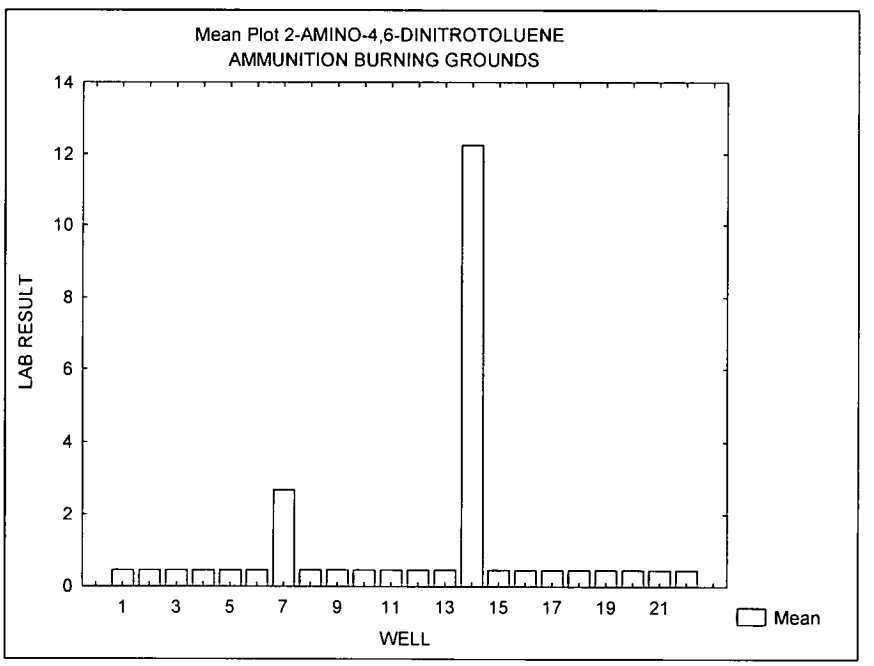


2-AMINO-4,6-DINITROTOLUENE (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	0.45000	4	0.000000	0.45000	0.45000
2	B04	0.45000	4	0.000000	0.45000	0.45000
3	C02P2	0.45000	4	0.000000	0.45000	0.45000
4	C03	0.45000	4	0.000000	0.45000	0.45000
5	C04	0.45000	4	0.000000	0.45000	0.45000
6	C07	0.45000	4	0.000000	0.45000	0.45000
7	C08P2	2.67500	4	0.478714	2.00000	3.10000
8	C09P2	0.45000	6	0.000000	0.45000	0.45000
9	C10	0.45000	5	0.000000	0.45000	0.45000
10	C11	0.45000	4	0.000000	0.45000	0.45000
11	C12	0.45000	5	0.000000	0.45000	0.45000
12	C15	0.45000	4	0.000000	0.45000	0.45000
13*	C17*	0.45000	4	0.000000	0.45000	0.45000
14	C20	12.25000	4	1.258306	11.00000	14.00000
15	C25	0.45000	4	0.000000	0.45000	0.45000
16	C26	0.45000	4	0.000000	0.45000	0.45000
17	C27	0.45000	4	0.000000	0.45000	0.45000
18	C30	0.45000	4	0.000000	0.45000	0.45000
19	CRA	0.45000	5	0.000000	0.45000	0.45000
20	CRB	0.45000	6	0.000000	0.45000	0.45000
21	SPA	0.45000	5	0.000000	0.45000	0.45000
22	SPC	0.45000	7	0.000000	0.45000	0.45000
	All Grps	1.01667	99	2.369901	0.45000	14.00000

Table 7.41.

* Denotes Upgradient Well

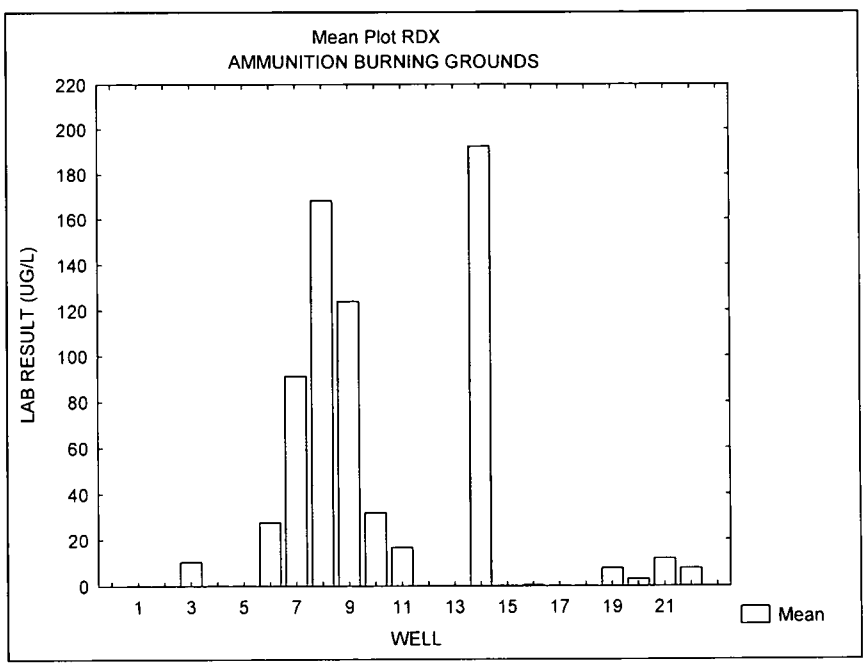


RDX (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	0.3050	4	0.00000	0.3050	0.3050
2	B04	0.3050	4	0.00000	0.3050	0.3050
3	C02P2	10.3263	4	7.08443	0.3050	17.0000
4	C03	0.3050	4	0.00000	0.3050	0.3050
5	C04	0.3050	4	0.00000	0.3050	0.3050
6	C07	27.5000	4	6.35085	19.0000	34.0000
7	C08P2	91.0000	4	3.36650	87.0000	95.0000
8	C09P2	168.3333	6	11.69045	150.0000	180.0000
9	C10	124.0000	5	8.94427	110.0000	130.0000
10	C11	31.7500	4	2.50000	29.0000	35.0000
11	C12	16.6000	5	5.81378	12.0000	26.0000
12	C15	0.3050	4	0.00000	0.3050	0.3050
13*	C17*	0.3050	4	0.00000	0.3050	0.3050
14	C20	192.5000	4	12.58306	180.0000	210.0000
15	C25	0.3050	4	0.00000	0.3050	0.3050
16	C26	0.5288	4	0.44750	0.3050	1.2000
17	C27	0.3050	4	0.00000	0.3050	0.3050
18	C30	0.3050	4	0.00000	0.3050	0.3050
19	CRA	13.8800	5	10.11914	1.9000	24.0000
20	CRB	7.0667	6	4.85043	1.1000	11.0000
21	SPA	7.6000	5	3.44456	1.9000	11.0000
22	SPC	2.9571	7	1.29725	1.7000	5.0000
	All Grps	33.4232	99	58.08629	0.3050	210.0000

Table 7.42.

* Denotes Upgradient Well



METALS

AMMUNITION BURNING GROUNDS

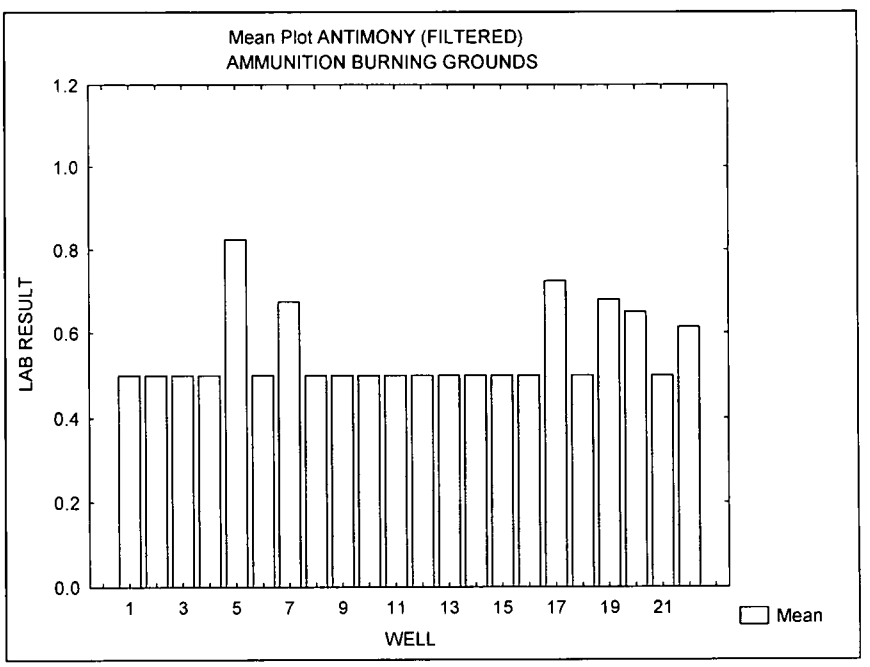
Tables 7.43 through 7.62

ANTIMONY (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV	MINIMUM	MAXIMUM
1	B02	0.500000	4	0.000000	0.500000	0.500000
2	B04	0.500000	4	0.000000	0.500000	0.500000
3	C02P2	0.500000	4	0.000000	0.500000	0.500000
4	C03	0.500000	4	0.000000	0.500000	0.500000
5	C04	0.825000	4	0.650000	0.500000	1.800000
6	C07	0.500000	4	0.000000	0.500000	0.500000
7	C08P2	0.675000	4	0.350000	0.500000	1.200000
8	C09P2	0.500000	6	0.000000	0.500000	0.500000
9	C10	0.500000	5	0.000000	0.500000	0.500000
10	C11	0.500000	4	0.000000	0.500000	0.500000
11	C12	0.500000	5	0.000000	0.500000	0.500000
12	C15	0.500000	4	0.000000	0.500000	0.500000
13*	C17*	0.500000	4	0.000000	0.500000	0.500000
14	C20	0.500000	4	0.000000	0.500000	0.500000
15	C25	0.500000	4	0.000000	0.500000	0.500000
16	C26	0.500000	4	0.000000	0.500000	0.500000
17	C27	0.725000	4	0.450000	0.500000	1.400000
18	C30	0.500000	4	0.000000	0.500000	0.500000
19	CRA	0.680000	5	0.402492	0.500000	1.400000
20	CRB	0.650000	6	0.367423	0.500000	1.400000
21	SPA	0.500000	5	0.000000	0.500000	0.500000
22	SPC	0.614286	7	0.302372	0.500000	1.300000
	All Grps	0.555556	99	0.224619	0.500000	1.800000

Table 7.43.

* Denotes Upgradient Well

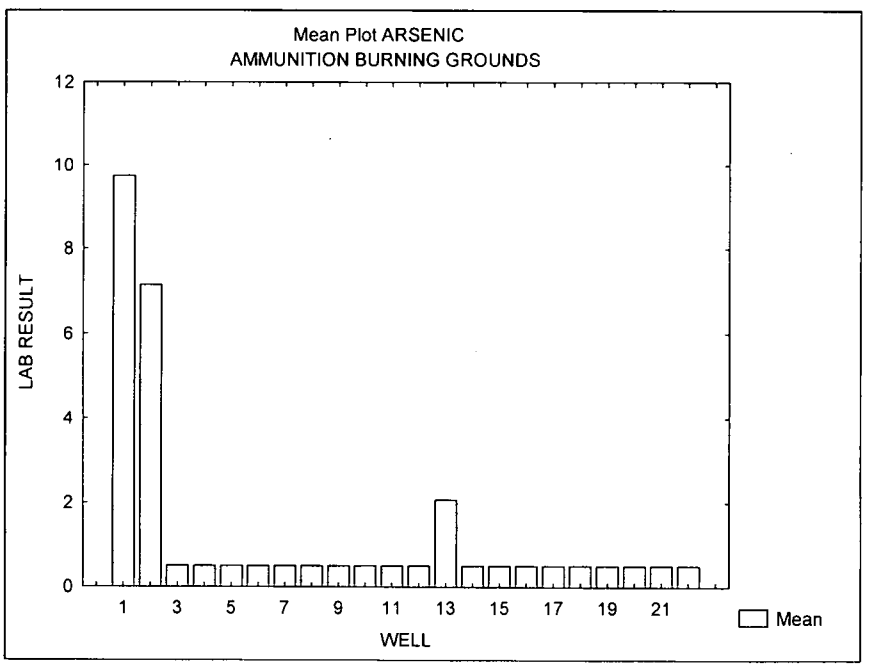


ARSENIC (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV	MINIMUM	MAXIMUM
1	B02	9.750000	4	1.223383	8.400000	11.30000
2	B04	7.150000	4	1.217922	6.000000	8.30000
3	C02P2	0.500000	4	0.000000	0.500000	0.50000
4	C03	0.500000	4	0.000000	0.500000	0.50000
5	C04	0.500000	4	0.000000	0.500000	0.50000
6	C07	0.500000	4	0.000000	0.500000	0.50000
7	C08P2	0.500000	4	0.000000	0.500000	0.50000
8	C09P2	0.500000	6	0.000000	0.500000	0.50000
9	C10	0.500000	5	0.000000	0.500000	0.50000
10	C11	0.500000	4	0.000000	0.500000	0.50000
11	C12	0.500000	5	0.000000	0.500000	0.50000
12	C15	0.500000	4	0.000000	0.500000	0.50000
13*	C17*	2.075000	4	0.287228	1.700000	2.30000
14	C20	0.500000	4	0.000000	0.500000	0.50000
15	C25	0.500000	4	0.000000	0.500000	0.50000
16	C26	0.500000	4	0.000000	0.500000	0.50000
17	C27	0.500000	4	0.000000	0.500000	0.50000
18	C30	0.500000	4	0.000000	0.500000	0.50000
19	CRA	0.500000	5	0.000000	0.500000	0.50000
20	CRB	0.500000	6	0.000000	0.500000	0.50000
21	SPA	0.500000	5	0.000000	0.500000	0.50000
22	SPC	0.500000	7	0.000000	0.500000	0.50000
	All Grps	1.206061	99	2.233548	0.500000	11.30000

Table 7.44.

* Denotes Upgradient Well

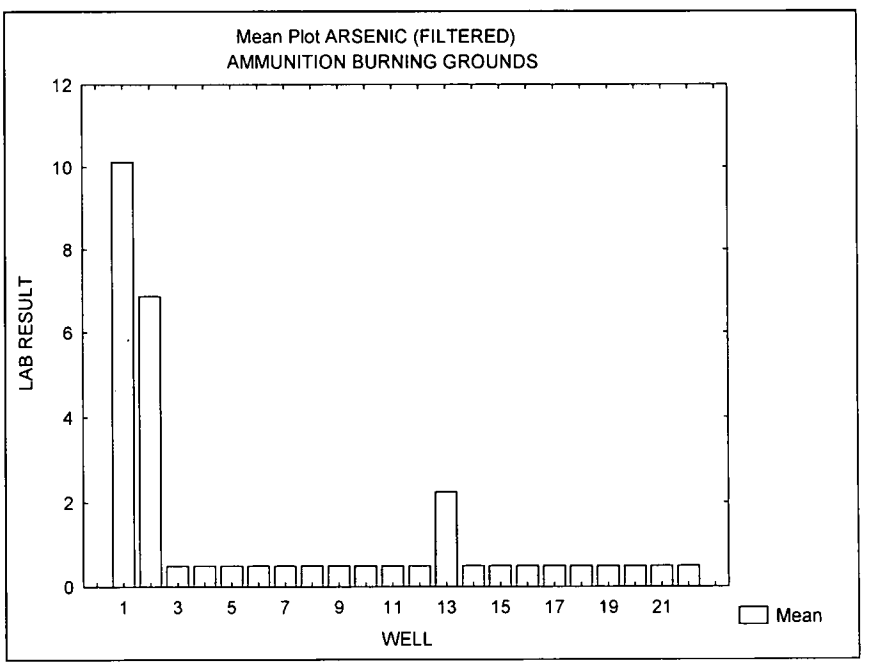


ARSENIC (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	10.12500	4	1.990603	7.600000	12.30000
2	B04	6.87500	4	1.347529	4.900000	7.90000
3	C02P2	0.50000	4	0.000000	0.500000	0.50000
4	C03	0.50000	4	0.000000	0.500000	0.50000
5	C04	0.50000	4	0.000000	0.500000	0.50000
6	C07	0.50000	4	0.000000	0.500000	0.50000
7	C08P2	0.50000	4	0.000000	0.500000	0.50000
8	C09P2	0.50000	6	0.000000	0.500000	0.50000
9	C10	0.50000	5	0.000000	0.500000	0.50000
10	C11	0.50000	4	0.000000	0.500000	0.50000
11	C12	0.50000	5	0.000000	0.500000	0.50000
12	C15	0.50000	4	0.000000	0.500000	0.50000
13*	C17*	2.25000	4	0.369685	1.800000	2.60000
14	C20	0.50000	4	0.000000	0.500000	0.50000
15	C25	0.50000	4	0.000000	0.500000	0.50000
16	C26	0.50000	4	0.000000	0.500000	0.50000
17	C27	0.50000	4	0.000000	0.500000	0.50000
18	C30	0.50000	4	0.000000	0.500000	0.50000
19	CRA	0.50000	5	0.000000	0.500000	0.50000
20	CRB	0.50000	6	0.000000	0.500000	0.50000
21	SPA	0.50000	5	0.000000	0.500000	0.50000
22	SPC	0.50000	7	0.000000	0.500000	0.50000
	All Grps	1.21717	99	2.286162	0.500000	12.30000

Table 7.45.

* Denotes Upgradient Well

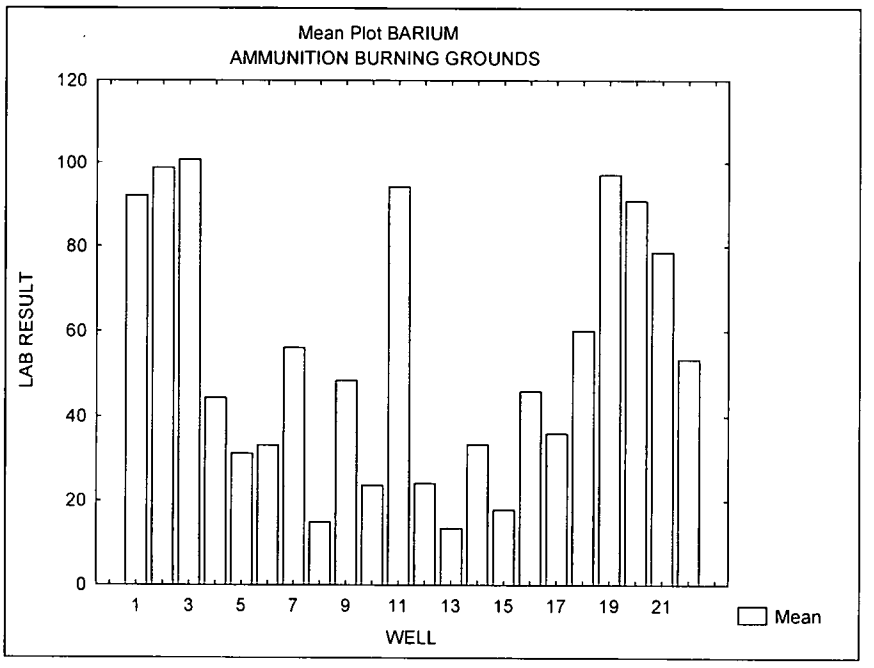


BARIUM (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	92.1000	4	6.10300	83.40000	97.5000
2	B04	98.7750	4	8.59317	87.80000	107.0000
3	C02P2	100.7750	4	25.19740	70.30000	132.0000
4	C03	44.4000	4	1.14601	42.70000	45.2000
5	C04	31.2250	4	8.63457	23.70000	43.4000
6	C07	33.2250	4	0.61305	32.60000	33.8000
7	C08P2	56.1750	4	19.82967	27.20000	71.8000
8	C09P2	14.8833	6	0.85186	13.90000	16.2000
9	C10	48.5000	5	2.51098	45.10000	51.2000
10	C11	23.6500	4	0.28868	23.30000	24.0000
11	C12	94.2400	5	32.73199	40.10000	126.0000
12	C15	24.0750	4	1.15289	22.80000	25.6000
13*	C17*	13.4500	4	0.31091	13.10000	13.8000
14	C20	33.4500	4	1.10303	32.10000	34.4000
15	C25	17.8750	4	0.95350	16.60000	18.9000
16	C26	46.0500	4	9.54201	38.40000	60.0000
17	C27	36.0750	4	2.22317	33.30000	38.4000
18	C30	60.1750	4	4.85893	54.70000	66.3000
19	CRA	97.1800	5	36.49030	46.20000	127.0000
20	CRB	90.9000	6	38.93081	49.00000	129.0000
21	SPA	78.6400	5	23.24657	51.40000	104.0000
22	SPC	53.4857	7	11.38177	39.20000	64.0000
	All Grps	55.0283	99	33.69073	13.10000	132.0000

Table 7.46.

* Denotes Upgradient Well

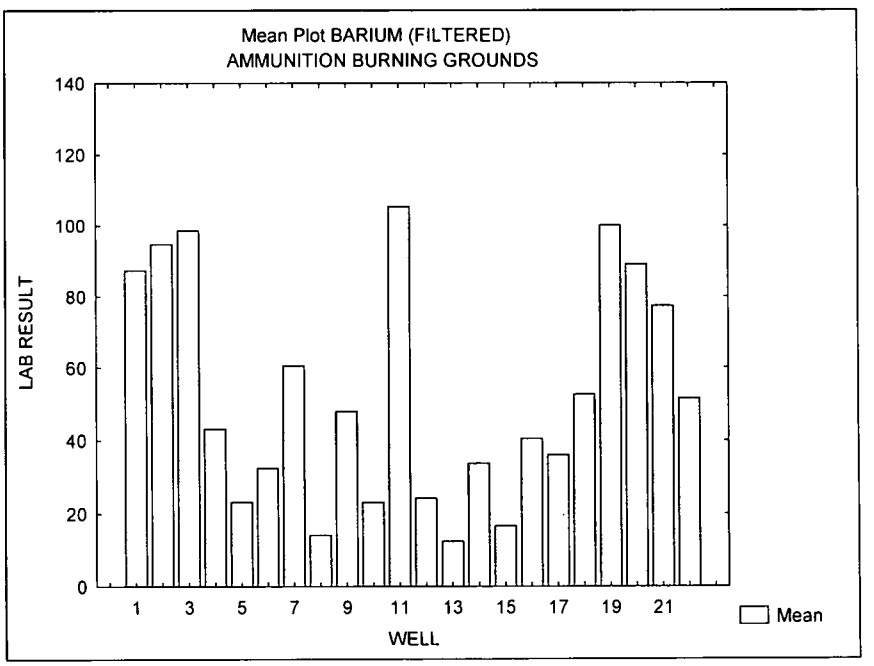


BARIUM (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	87.3250	4	5.78525	79.30000	93.1000
2	B04	94.7250	4	5.37238	86.80000	98.7000
3	C02P2	98.6000	4	23.27273	68.10000	123.0000
4	C03	43.1000	4	2.36502	39.90000	45.4000
5	C04	23.1250	4	2.21867	20.70000	25.9000
6	C07	32.4500	4	1.86994	30.80000	34.4000
7	C08P2	60.5250	4	4.04011	56.10000	65.9000
8	C09P2	14.1000	6	0.83905	13.20000	15.4000
9	C10	47.9200	5	2.68645	44.80000	50.5000
10	C11	23.1250	4	1.18708	22.40000	24.9000
11	C12	105.4000	5	7.19722	96.00000	114.0000
12	C15	24.2250	4	1.06575	23.20000	25.6000
13*	C17*	12.3750	4	0.35940	12.10000	12.9000
14	C20	33.6750	4	1.88215	32.20000	36.4000
15	C25	16.5750	4	1.08436	15.20000	17.8000
16	C26	40.4750	4	2.63486	38.00000	44.2000
17	C27	35.9500	4	1.69804	34.10000	37.8000
18	C30	52.5750	4	6.31737	46.00000	60.6000
19	CRA	100.1000	5	38.91182	45.40000	128.0000
20	CRB	89.0500	6	42.12950	42.90000	128.0000
21	SPA	77.3400	5	24.00923	49.90000	107.0000
22	SPC	51.5143	7	11.66397	38.40000	62.3000
	All Grps	54.0263	99	33.95895	12.10000	128.0000

Table 7.47.

* Denotes Upgradient Well

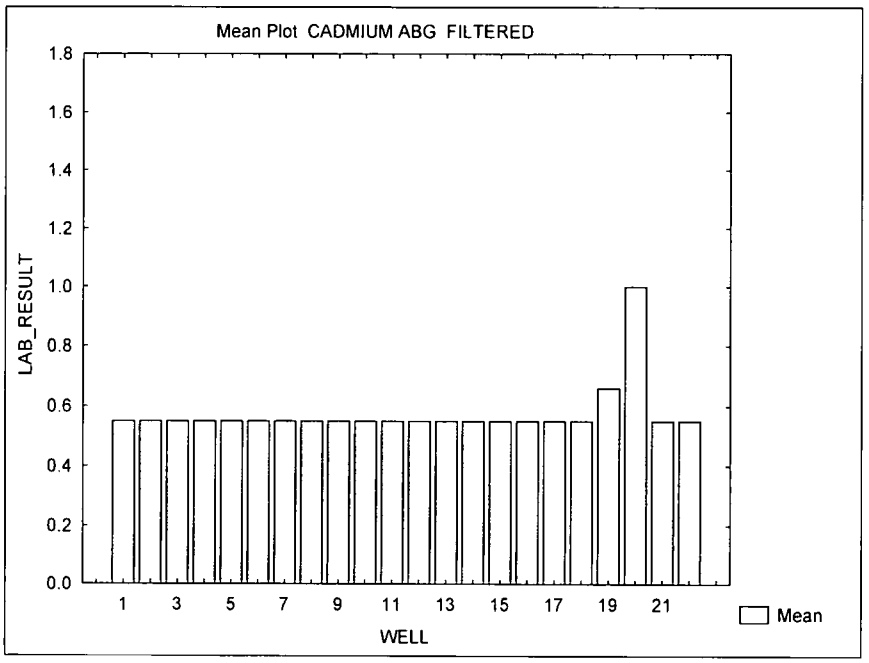


CADMIUM (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	0.550000	4	0.000000	0.550000	0.550000
2	B04	0.550000	4	0.000000	0.550000	0.550000
3	C02P2	0.550000	4	0.000000	0.550000	0.550000
4	C03	0.550000	4	0.000000	0.550000	0.550000
5	C04	0.550000	4	0.000000	0.550000	0.550000
6	C07	0.550000	4	0.000000	0.550000	0.550000
7	C08P2	0.550000	4	0.000000	0.550000	0.550000
8	C09P2	0.550000	6	0.000000	0.550000	0.550000
9	C10	0.550000	5	0.000000	0.550000	0.550000
10	C11	0.550000	4	0.000000	0.550000	0.550000
11	C12	0.550000	5	0.000000	0.550000	0.550000
12	C15	0.550000	4	0.000000	0.550000	0.550000
13*	C17 *	0.550000	4	0.000000	0.550000	0.550000
14	C20	0.550000	4	0.000000	0.550000	0.550000
15	C25	0.550000	4	0.000000	0.550000	0.550000
16	C26	0.550000	4	0.000000	0.550000	0.550000
17	C27	0.550000	4	0.000000	0.550000	0.550000
18	C30	0.550000	4	0.000000	0.550000	0.550000
19	CRA	0.660000	5	0.245967	0.550000	1.100000
20	CRB	1.000000	6	0.765506	0.550000	2.400000
21	SPA	0.550000	5	0.000000	0.550000	0.550000
22	SPC	0.550000	7	0.000000	0.550000	0.550000
	All Grps	0.582828	99	0.210461	0.550000	2.400000

Table 7.48.

* Denotes Upgradient Well

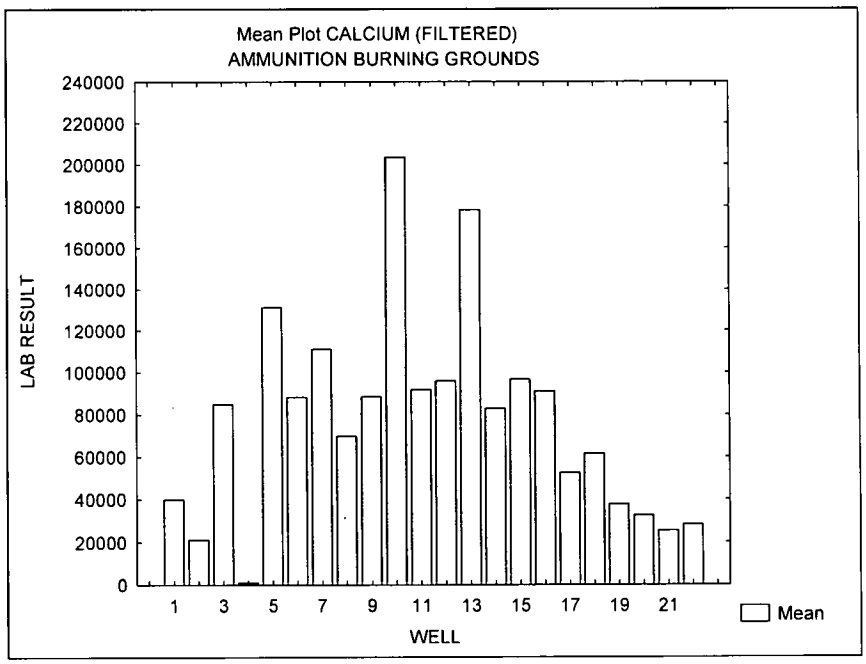


CALCIUM (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	39900.0	3	3260.37	36500.0	43000.0
2	B04	21200.0	3	2688.87	18100.0	22900.0
3	C02P2	84900.0	3	10456.10	76200.0	96500.0
4	C03	1123.3	3	56.86	1060.0	1170.0
5	C04	131333.3	3	15044.38	114000.0	141000.0
6	C07	88100.0	3	10923.37	75700.0	96300.0
7	C08P2	110933.3	3	11900.14	97800.0	121000.0
8	C09P2	69725.0	4	9646.55	55300.0	75300.0
9	C10	88425.0	4	10517.41	72800.0	94900.0
10	C11	203666.7	3	27970.22	172000.0	225000.0
11	C12	91725.0	4	7459.84	84600.0	100000.0
12	C15	95866.7	3	13230.77	80600.0	104000.0
13*	C17*	178333.3	3	22030.28	153000.0	193000.0
14	C20	82966.7	3	10826.05	70500.0	90000.0
15	C25	96666.7	3	11846.24	83000.0	104000.0
16	C26	90866.7	3	11257.15	78000.0	98900.0
17	C27	52433.3	3	6308.99	45200.0	56800.0
18	C30	61500.0	3	11696.58	54400.0	75000.0
19	CRA	37675.0	4	6468.58	28900.0	42700.0
20	CRB	32450.0	4	3882.01	27600.0	37100.0
21	SPA	25425.0	4	3675.48	22400.0	30000.0
22	SPC	28133.3	6	4612.45	23800.0	34100.0
	All Grps	74264.9	75	48554.15	1060.0	225000.0

Table 7.49.

* Denotes Upgradient Well

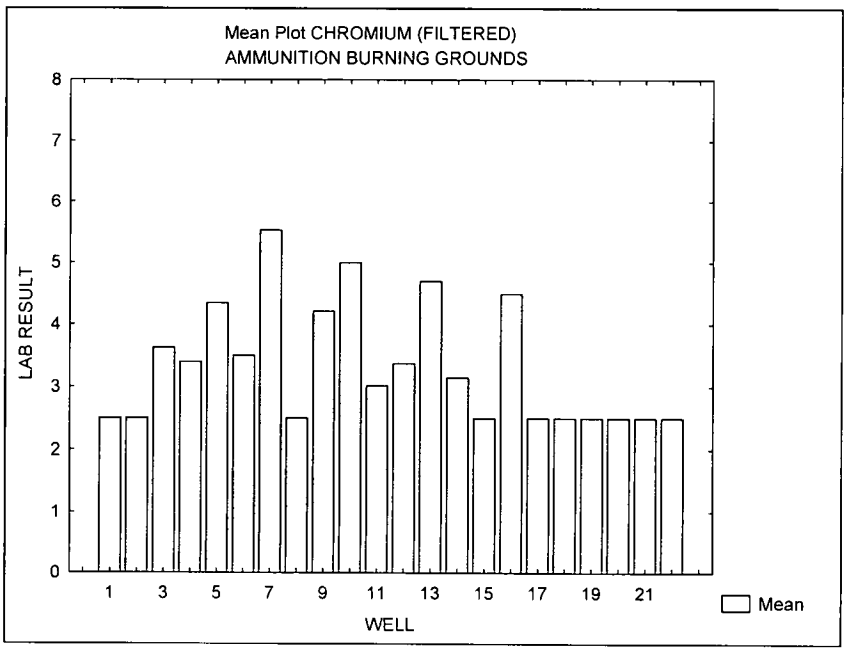


CHROMIUM (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	2.500000	4	0.000000	2.500000	2.500000
2	B04	2.500000	4	0.000000	2.500000	2.500000
3	C02P2	3.625000	4	2.250000	2.500000	7.000000
4	C03	3.400000	4	1.800000	2.500000	6.100000
5	C04	4.350000	4	2.350177	2.500000	7.400000
6	C07	3.500000	4	2.000000	2.500000	6.500000
7	C08P2	5.525000	4	2.212653	2.500000	7.800000
8	C09P2	2.500000	6	0.000000	2.500000	2.500000
9	C10	4.220000	5	1.633095	2.500000	6.100000
10	C11	5.000000	4	2.905168	2.500000	7.900000
11	C12	3.020000	5	1.162755	2.500000	5.100000
12	C15	3.375000	4	1.750000	2.500000	6.000000
13*	C17*	4.700000	4	2.753180	2.500000	8.200000
14	C20	3.150000	4	1.300000	2.500000	5.100000
15	C25	2.500000	4	0.000000	2.500000	2.500000
16	C26	4.500000	4	2.345208	2.500000	7.000000
17	C27	2.500000	4	0.000000	2.500000	2.500000
18	C30	2.500000	4	0.000000	2.500000	2.500000
19	CRA	2.500000	5	0.000000	2.500000	2.500000
20	CRB	2.500000	6	0.000000	2.500000	2.500000
21	SPA	2.500000	5	0.000000	2.500000	2.500000
22	SPC	2.500000	7	0.000000	2.500000	2.500000
	All Grps	3.264646	99	1.594078	2.500000	8.200000

Table 7.50.

* Denotes Upgradient Well

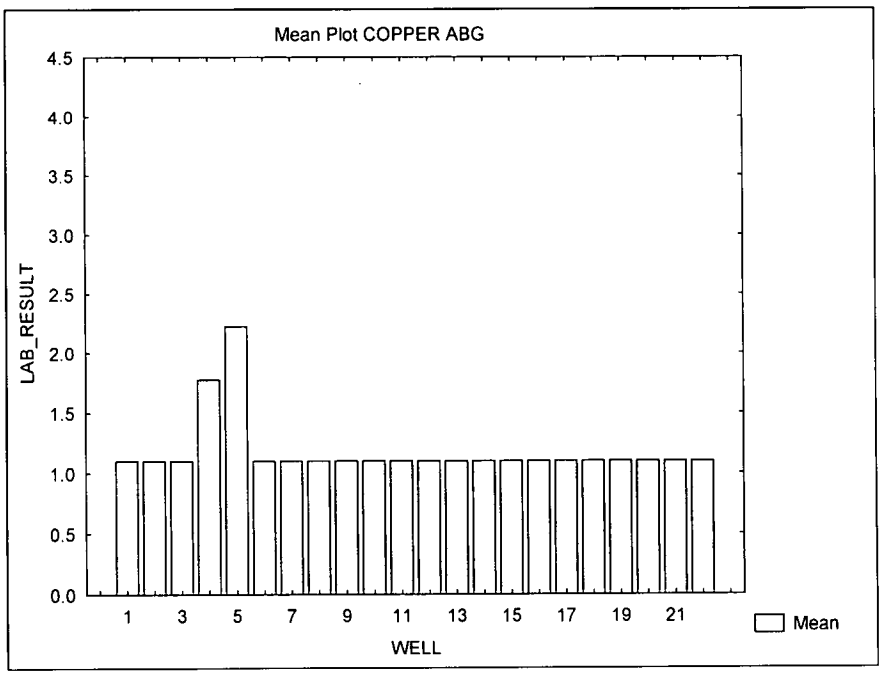


COPPER (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	1.100000	4	0.000000	1.100000	1.100000
2	B04	1.100000	4	0.000000	1.100000	1.100000
3	C02P2	1.100000	4	0.000000	1.100000	1.100000
4	C03	1.775000	4	1.350000	1.100000	3.800000
5	C04	2.225000	4	1.436141	1.100000	4.100000
6	C07	1.100000	4	0.000000	1.100000	1.100000
7	C08P2	1.100000	4	0.000000	1.100000	1.100000
8	C09P2	1.100000	6	0.000000	1.100000	1.100000
9	C10	1.100000	5	0.000000	1.100000	1.100000
10	C11	1.100000	4	0.000000	1.100000	1.100000
11	C12	1.100000	5	0.000000	1.100000	1.100000
12	C15	1.100000	4	0.000000	1.100000	1.100000
13*	C17 *	1.100000	4	0.000000	1.100000	1.100000
14	C20	1.100000	4	0.000000	1.100000	1.100000
15	C25	1.100000	4	0.000000	1.100000	1.100000
16	C26	1.100000	4	0.000000	1.100000	1.100000
17	C27	1.100000	4	0.000000	1.100000	1.100000
18	C30	1.100000	4	0.000000	1.100000	1.100000
19	CRA	1.100000	5	0.000000	1.100000	1.100000
20	CRB	1.100000	6	0.000000	1.100000	1.100000
21	SPA	1.100000	5	0.000000	1.100000	1.100000
22	SPC	1.100000	7	0.000000	1.100000	1.100000
	All Grps	1.172727	99	0.428766	1.100000	4.100000

Table 7.51.

* Denotes Upgradient Well

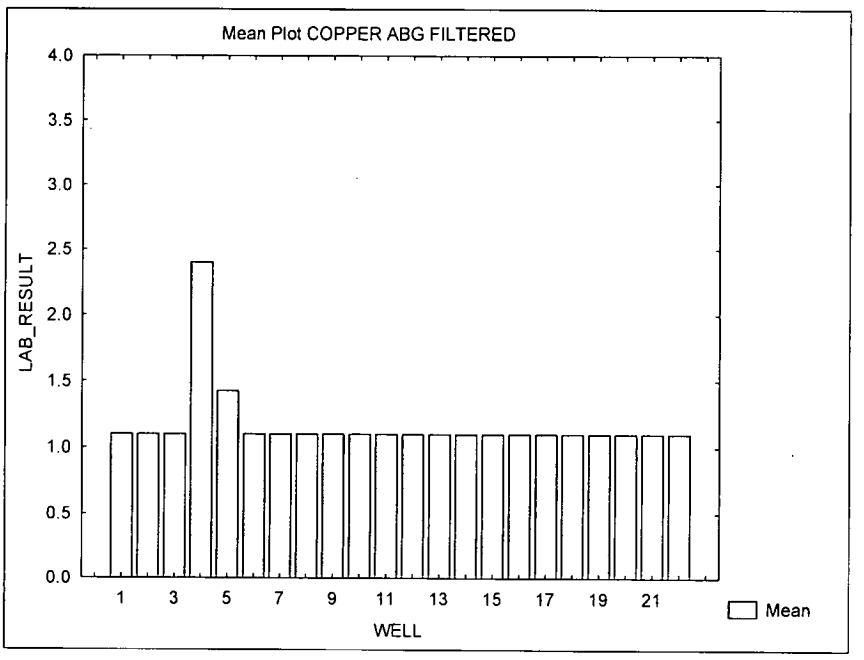


COPPER (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	1.100000	4	0.000000	1.100000	1.100000
2	B04	1.100000	4	0.000000	1.100000	1.100000
3	C02P2	1.100000	4	0.000000	1.100000	1.100000
4	C03	2.400000	4	0.962635	1.100000	3.400000
5	C04	1.425000	4	0.650000	1.100000	2.400000
6	C07	1.100000	4	0.000000	1.100000	1.100000
7	C08P2	1.100000	4	0.000000	1.100000	1.100000
8	C09P2	1.100000	6	0.000000	1.100000	1.100000
9	C10	1.100000	5	0.000000	1.100000	1.100000
10	C11	1.100000	4	0.000000	1.100000	1.100000
11	C12	1.100000	5	0.000000	1.100000	1.100000
12	C15	1.100000	4	0.000000	1.100000	1.100000
13*	C17 *	1.100000	4	0.000000	1.100000	1.100000
14	C20	1.100000	4	0.000000	1.100000	1.100000
15	C25	1.100000	4	0.000000	1.100000	1.100000
16	C26	1.100000	4	0.000000	1.100000	1.100000
17	C27	1.100000	4	0.000000	1.100000	1.100000
18	C30	1.100000	4	0.000000	1.100000	1.100000
19	CRA	1.100000	5	0.000000	1.100000	1.100000
20	CRB	1.100000	6	0.000000	1.100000	1.100000
21	SPA	1.100000	5	0.000000	1.100000	1.100000
22	SPC	1.100000	7	0.000000	1.100000	1.100000
	All Grps	1.165657	99	0.332020	1.100000	3.400000

Table 7.52.

* Denotes Upgradient Well

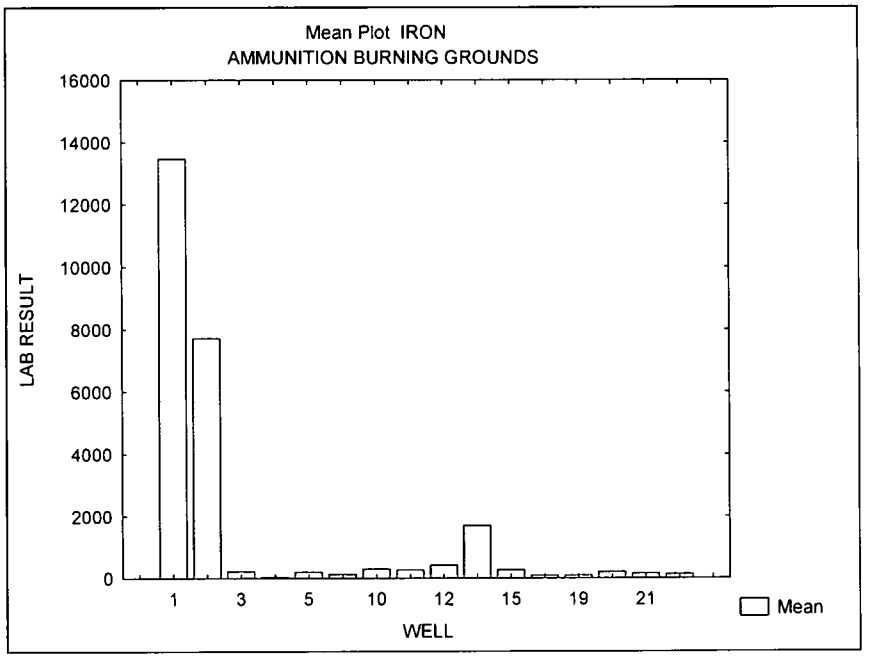


IRON (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	13475.00	4	478.714	12900.00	14000.00
2	B04	7722.50	4	337.083	7400.00	8120.00
3	C02P2	228.00	2	24.042	211.00	245.00
4	C03	50.00	5	0.000	50.00	50.00
5	C04	210.75	4	197.463	50.00	454.00
9	C10	128.80	5	108.181	50.00	258.00
10	C11	301.00	4	290.548	50.00	577.00
11	C12	272.80	5	211.567	50.00	606.00
12	C15	423.00	1	0.000	423.00	423.00
13*	C17*	1700.00	1	0.000	1700.00	1700.00
15	C25	271.50	4	161.504	118.00	414.00
18	C30	91.00	2	57.983	50.00	132.00
19	CRA	92.60	5	66.617	50.00	202.00
20	CRB	210.33	6	190.459	50.00	468.00
21	SPA	149.00	5	65.795	50.00	224.00
22	SPC	132.57	7	85.227	50.00	241.00
	All Grps	1505.31	64	3622.745	50.00	14000.00

Table 7.53.

* Denotes Upgradient Well

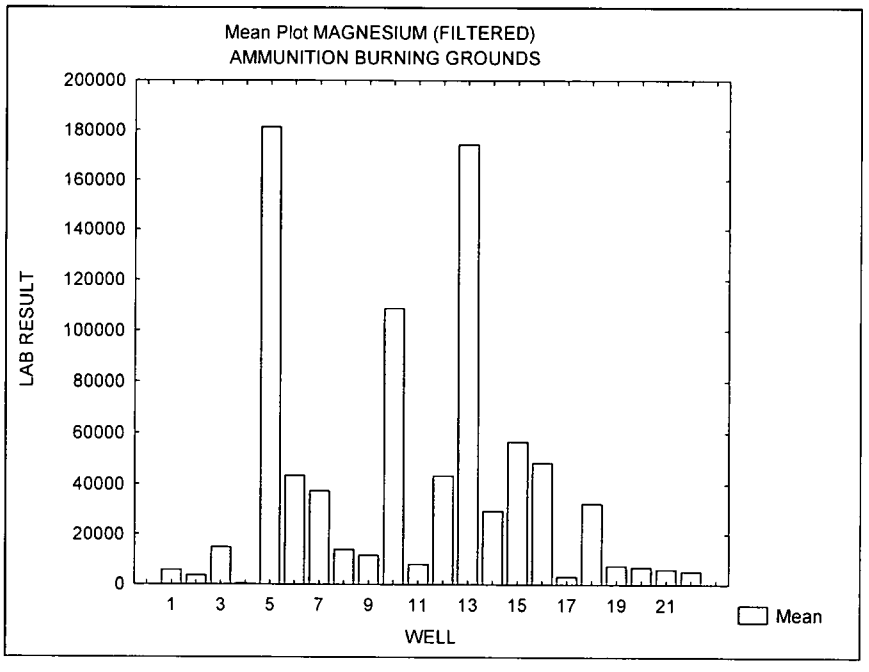


MAGNESIUM (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	5840.0	3	375.10	5580.0	6270.0
2	B04	3590.0	3	233.88	3320.0	3730.0
3	C02P2	14833.3	3	1709.78	13700.0	16800.0
4	C03	500.0	3	0.00	500.0	500.0
5	C04	181333.3	3	9609.02	171000.0	190000.0
6	C07	43400.0	3	3517.10	39700.0	46700.0
7	C08P2	37366.7	3	1582.19	36000.0	39100.0
8	C09P2	14000.0	4	941.63	12600.0	14600.0
9	C10	11625.0	4	793.20	10600.0	12300.0
10	C11	108800.0	3	10184.30	97400.0	117000.0
11	C12	8125.0	4	1441.31	6510.0	9400.0
12	C15	43366.7	3	2722.74	40300.0	45500.0
13*	C17*	174333.3	3	14843.63	158000.0	187000.0
14	C20	29466.7	3	1908.75	27300.0	30900.0
15	C25	56700.0	3	4650.81	51400.0	60100.0
16	C26	48466.7	3	4086.97	44100.0	52200.0
17	C27	3136.7	3	155.35	3010.0	3310.0
18	C30	32566.7	3	2478.57	30800.0	35400.0
19	CRA	7512.5	4	1616.24	5200.0	8680.0
20	CRB	6780.0	4	761.58	5760.0	7600.0
21	SPA	6122.5	4	440.94	5720.0	6610.0
22	SPC	5291.7	6	395.19	5010.0	5830.0
	All Grps	34660.1	75	48954.42	500.0	190000.0

Table 7.54.

* Denotes Upgradient Well

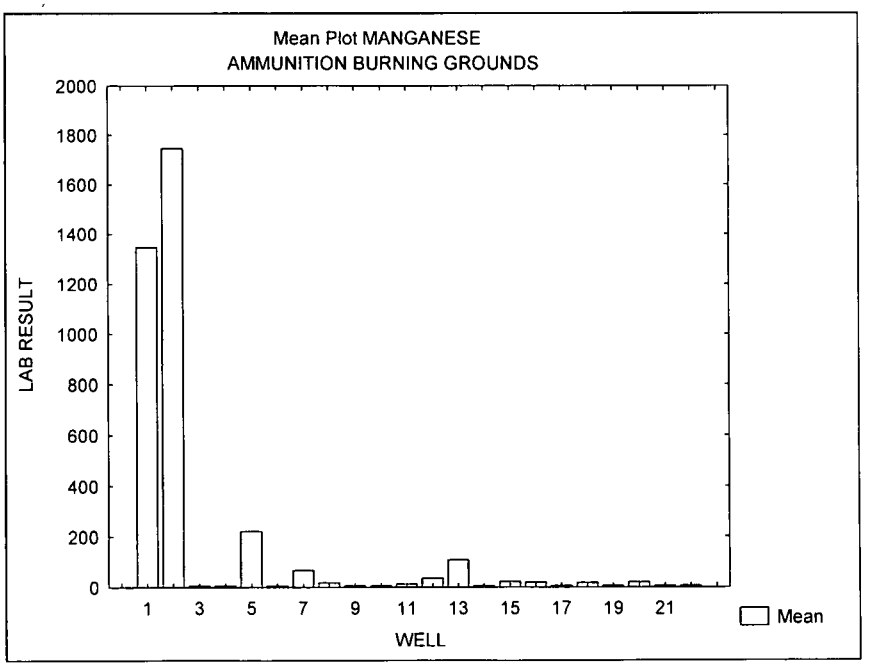


MANGANESE (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	1347.500	4	47.8714	1280.000	1390.000
2	B04	1747.500	4	157.1358	1570.000	1950.000
3	C02P2	7.500	4	0.0000	7.500	7.500
4	C03	7.500	4	0.0000	7.500	7.500
5	C04	221.025	4	272.9400	7.500	617.000
6	C07	7.500	4	0.0000	7.500	7.500
7	C08P2	66.875	4	118.7500	7.500	245.000
8	C09P2	19.550	6	10.3909	7.500	34.400
9	C10	7.500	5	0.0000	7.500	7.500
10	C11	7.500	4	0.0000	7.500	7.500
11	C12	14.360	5	10.1004	7.500	29.900
12	C15	35.425	4	2.8040	33.200	39.500
13*	C17*	108.150	4	8.6230	97.600	117.000
14	C20	7.500	4	0.0000	7.500	7.500
15	C25	23.550	4	2.2650	21.100	26.100
16	C26	20.925	4	9.4989	7.500	27.700
17	C27	7.500	4	0.0000	7.500	7.500
18	C30	17.825	4	7.7306	7.500	25.400
19	CRA	7.500	5	0.0000	7.500	7.500
20	CRB	20.700	6	15.1520	7.500	42.100
21	SPA	7.500	5	0.0000	7.500	7.500
22	SPC	7.500	7	0.0000	7.500	7.500
	All Grps	151.651	99	426.5385	7.500	1950.000

Table 7.55.

* Denotes Upgradient Well

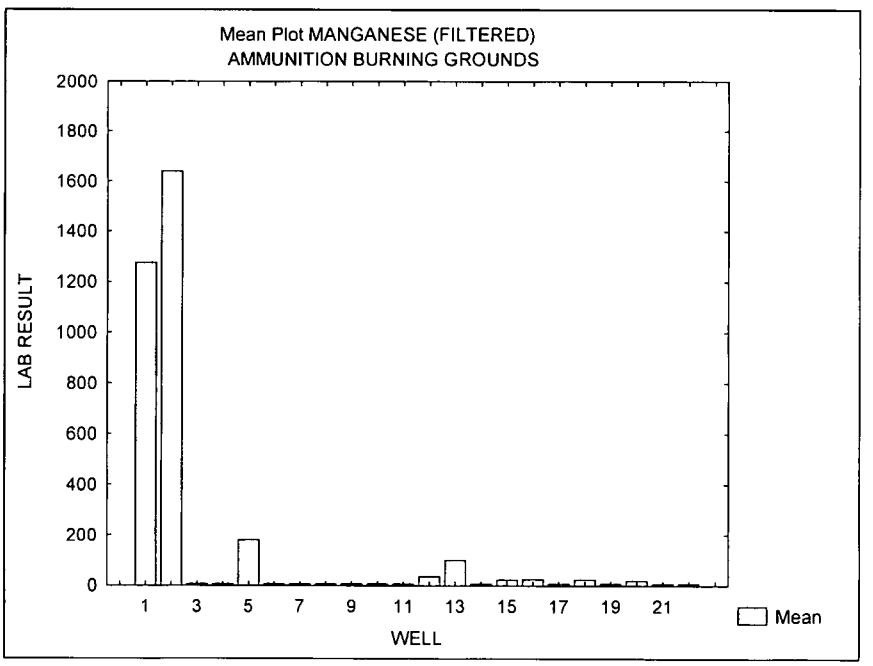


MANGANESE (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	1275.000	4	128.1926	1120.000	1430.000
2	B04	1640.000	4	188.8562	1370.000	1780.000
3	C02P2	7.500	4	0.0000	7.500	7.500
4	C03	7.500	4	0.0000	7.500	7.500
5	C04	180.250	4	82.7622	122.000	303.000
6	C07	7.500	4	0.0000	7.500	7.500
7	C08P2	7.500	4	0.0000	7.500	7.500
8	C09P2	7.500	6	0.0000	7.500	7.500
9	C10	7.500	5	0.0000	7.500	7.500
10	C11	7.500	4	0.0000	7.500	7.500
11	C12	7.500	5	0.0000	7.500	7.500
12	C15	34.450	4	1.9841	31.800	36.500
13*	C17*	100.975	4	7.5235	95.500	112.000
14	C20	7.500	4	0.0000	7.500	7.500
15	C25	23.425	4	1.4315	22.000	25.300
16	C26	25.475	4	2.2021	22.600	27.200
17	C27	7.500	4	0.0000	7.500	7.500
18	C30	24.350	4	13.2286	7.500	37.900
19	CRA	7.500	5	0.0000	7.500	7.500
20	CRB	19.733	6	14.0015	7.500	39.300
21	SPA	7.500	5	0.0000	7.500	7.500
22	SPC	7.500	7	0.0000	7.500	7.500
	All Grps	139.309	99	400.3389	7.500	1780.000

Table 7.56.

* Denotes Upgradient Well

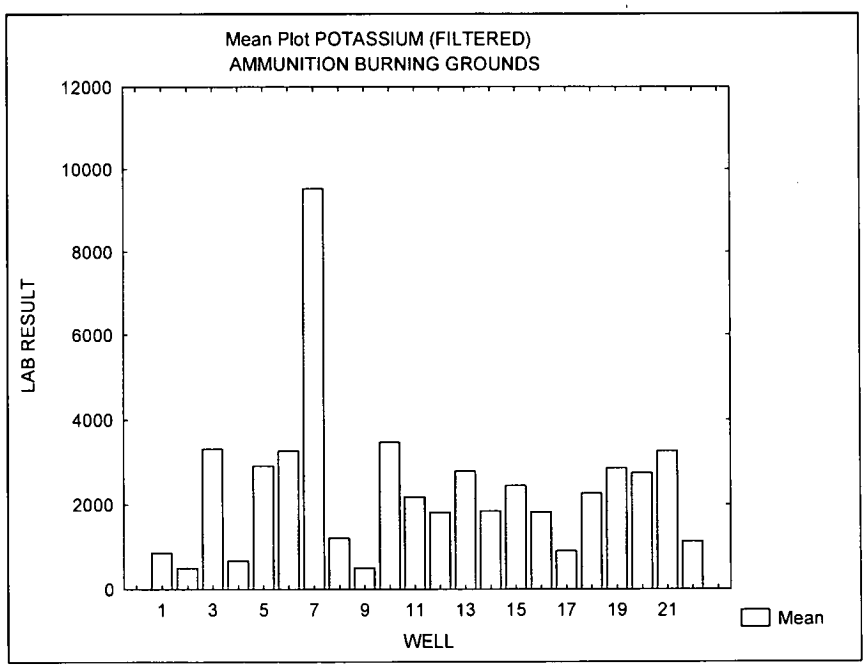


POTASSIUM (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	863.333	3	316.596	500.000	1080.00
2	B04	500.000	3	0.000	500.000	500.00
3	C02P2	3313.333	3	355.293	2950.000	3660.00
4	C03	676.667	3	305.996	500.000	1030.00
5	C04	2910.000	3	130.767	2820.000	3060.00
6	C07	3270.000	3	1081.157	2470.000	4500.00
7	C08P2	9533.333	3	3183.038	7480.000	13200.00
8	C09P2	1202.500	4	66.018	1110.000	1250.00
9	C10	500.000	4	0.000	500.000	500.00
10	C11	3473.333	3	268.390	3170.000	3680.00
11	C12	2175.000	4	297.714	1790.000	2410.00
12	C15	1813.333	3	87.369	1740.000	1910.00
13*	C17*	2786.667	3	90.185	2700.000	2880.00
14	C20	1843.333	3	28.868	1810.000	1860.00
15	C25	2446.667	3	66.583	2390.000	2520.00
16	C26	1816.667	3	217.332	1570.000	1980.00
17	C27	896.667	3	344.432	500.000	1120.00
18	C30	2260.000	3	26.458	2240.000	2290.00
19	CRA	2860.000	4	944.458	1480.000	3500.00
20	CRB	2745.000	4	701.688	1760.000	3420.00
21	SPA	3265.000	4	1164.975	2560.000	5000.00
22	SPC	1126.667	6	321.662	500.000	1410.00
	All Grps	2306.133	75	1893.591	500.000	13200.00

Table 7.57.

* Denotes Upgradient Well

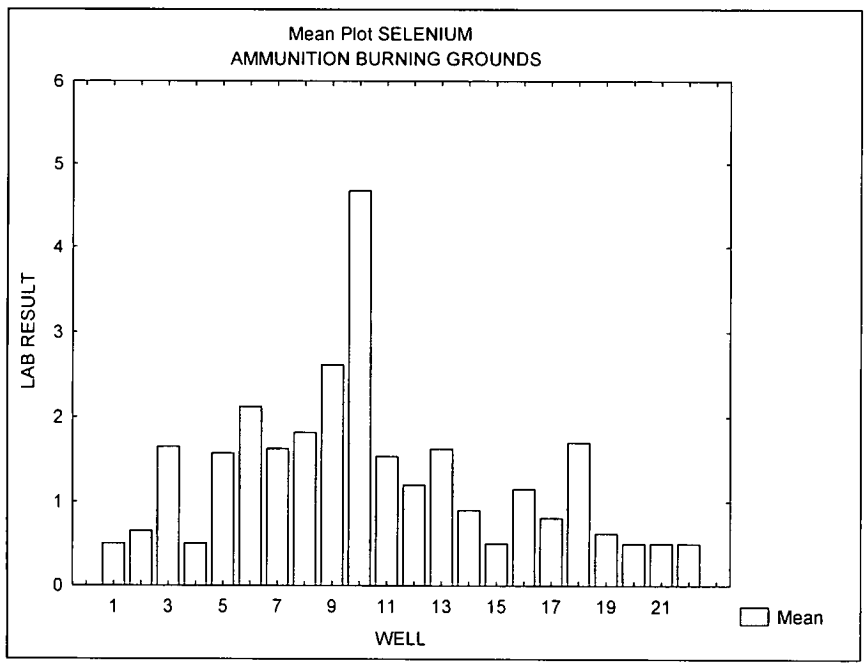


SELENIUM (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	0.500000	4	0.000000	0.500000	0.500000
2	B04	0.650000	4	0.300000	0.500000	1.100000
3	C02P2	1.650000	4	0.818535	0.500000	2.400000
4	C03	0.500000	4	0.000000	0.500000	0.500000
5	C04	1.575000	4	0.956992	0.500000	2.800000
6	C07	2.125000	4	0.741058	1.200000	2.900000
7	C08P2	1.625000	4	1.034005	0.500000	3.000000
8	C09P2	1.816667	6	0.487511	1.300000	2.700000
9	C10	2.620000	5	0.597495	1.900000	3.500000
10	C11	4.675000	4	1.241974	3.200000	6.200000
11	C12	1.540000	5	0.864870	0.500000	2.700000
12	C15	1.200000	4	0.469042	0.500000	1.500000
13*	C17*	1.625000	4	0.411299	1.100000	2.000000
14	C20	0.900000	4	0.469042	0.500000	1.400000
15	C25	0.500000	4	0.000000	0.500000	0.500000
16	C26	1.150000	4	0.896289	0.500000	2.400000
17	C27	0.800000	4	0.600000	0.500000	1.700000
18	C30	1.700000	4	2.400000	0.500000	5.300000
19	CRA	0.620000	5	0.268328	0.500000	1.100000
20	CRB	0.500000	6	0.000000	0.500000	0.500000
21	SPA	0.500000	5	0.000000	0.500000	0.500000
22	SPC	0.500000	7	0.000000	0.500000	0.500000
	All Grps	1.297980	99	1.147933	0.500000	6.200000

Table 7.58.

* Denotes Upgradient Well

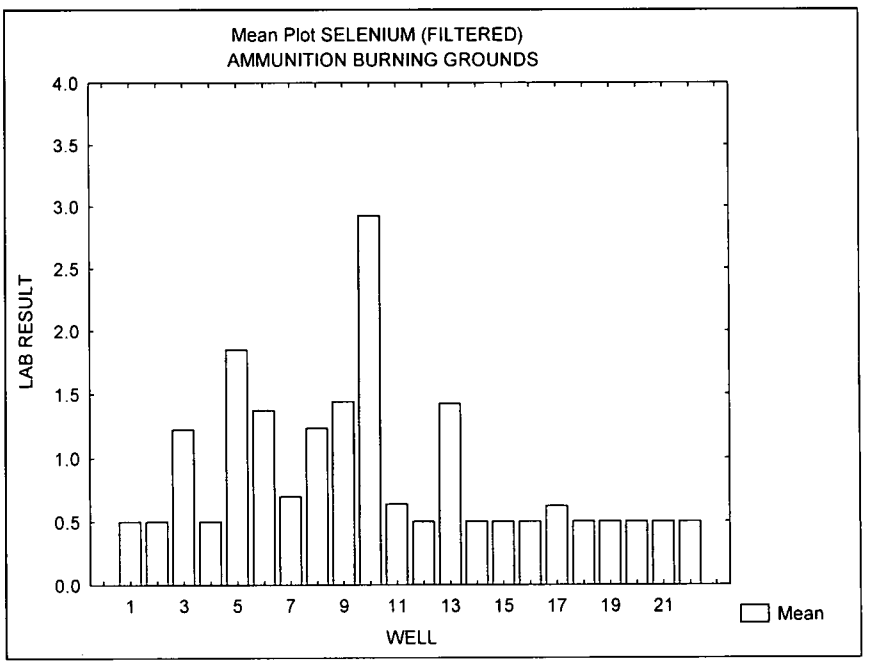


SELENIUM (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	0.500000	4	0.000000	0.500000	0.500000
2	B04	0.500000	4	0.000000	0.500000	0.500000
3	C02P2	1.225000	4	0.492443	0.500000	1.600000
4	C03	0.500000	4	0.000000	0.500000	0.500000
5	C04	1.850000	4	0.903696	0.500000	2.400000
6	C07	1.375000	4	0.590903	0.500000	1.800000
7	C08P2	0.700000	4	0.400000	0.500000	1.300000
8	C09P2	1.233333	6	0.216025	1.100000	1.600000
9	C10	1.440000	5	0.207364	1.300000	1.800000
10	C11	2.925000	4	0.095743	2.800000	3.000000
11	C12	0.640000	5	0.313050	0.500000	1.200000
12	C15	0.500000	4	0.000000	0.500000	0.500000
13*	C17*	1.425000	4	0.359398	1.100000	1.900000
14	C20	0.500000	4	0.000000	0.500000	0.500000
15	C25	0.500000	4	0.000000	0.500000	0.500000
16	C26	0.500000	4	0.000000	0.500000	0.500000
17	C27	0.625000	4	0.250000	0.500000	1.000000
18	C30	0.500000	4	0.000000	0.500000	0.500000
19	CRA	0.500000	5	0.000000	0.500000	0.500000
20	CRB	0.500000	6	0.000000	0.500000	0.500000
21	SPA	0.500000	5	0.000000	0.500000	0.500000
22	SPC	0.500000	7	0.000000	0.500000	0.500000
	All Grps	0.866667	99	0.640153	0.500000	3.000000

Table 7.59.

* Denotes Upgradient Well

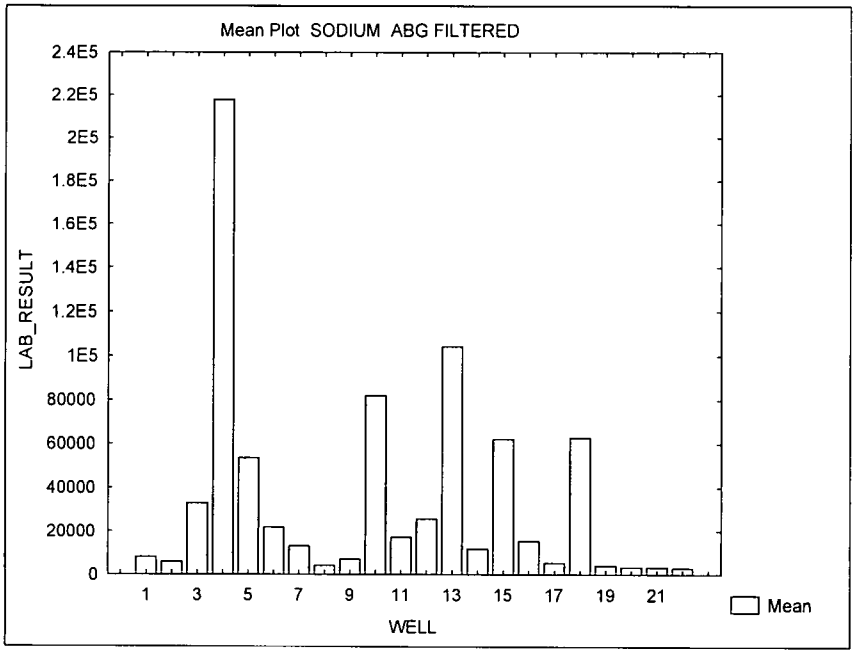


SODIUM (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	8086.7	3	98.66	8020.0	8200.0
2	B04	5853.3	3	109.70	5790.0	5980.0
3	C02P2	32866.7	3	3181.72	29200.0	34900.0
4	C03	217666.7	3	3511.88	214000.0	221000.0
5	C04	53600.0	3	5634.71	50100.0	60100.0
6	C07	21866.7	3	1150.36	20700.0	23000.0
7	C08P2	13266.7	3	1026.32	12400.0	14400.0
8	C09P2	4305.0	4	112.10	4140.0	4380.0
9	C10	6892.5	4	229.11	6600.0	7080.0
10	C11	82066.7	3	2640.71	79200.0	84400.0
11	C12	17300.0	4	6203.76	10500.0	23000.0
12	C15	25600.0	3	655.74	24900.0	26200.0
13*	C17 *	104333.3	3	2309.40	103000.0	107000.0
14	C20	11833.3	3	208.17	11600.0	12000.0
15	C25	62166.7	3	1755.94	60500.0	64000.0
16	C26	15566.7	3	208.17	15400.0	15800.0
17	C27	5490.0	3	104.40	5420.0	5610.0
18	C30	62833.3	3	6516.39	56600.0	69600.0
19	CRA	4165.0	4	791.01	3090.0	4770.0
20	CRB	3572.5	4	356.97	3160.0	4030.0
21	SPA	3495.0	4	57.45	3420.0	3540.0
22	SPC	3101.7	6	161.67	2920.0	3290.0
	All Grps	31290.9	75	47128.68	2920.0	221000.0

Table 7.60.

* Denotes Upgradient Well

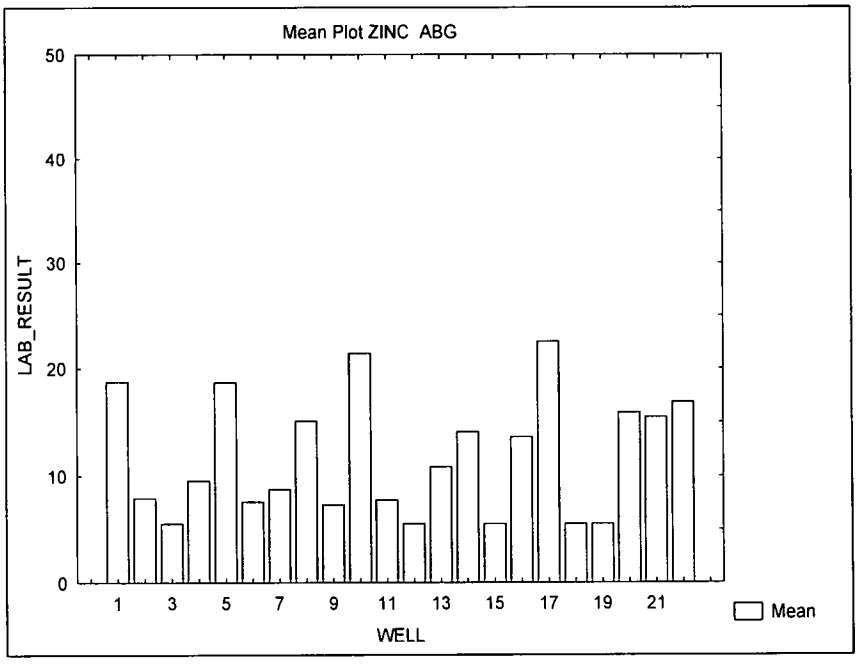


ZINC (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	18.77500	4	21.02524	5.550000	49.70000
2	B04	7.93750	4	4.77500	5.550000	15.10000
3	C02P2	5.55000	4	0.00000	5.550000	5.55000
4	C03	9.56250	4	8.02500	5.550000	21.60000
5	C04	18.71250	4	15.60216	5.550000	41.30000
6	C07	7.61250	4	4.12500	5.550000	13.80000
7	C08P2	8.76250	4	6.42500	5.550000	18.40000
8	C09P2	15.11667	6	15.98035	5.550000	43.70000
9	C10	7.32000	5	3.95784	5.550000	14.40000
10	C11	21.42500	4	18.40346	5.550000	39.30000
11	C12	7.78000	5	4.98643	5.550000	16.70000
12	C15	5.55000	4	0.00000	5.550000	5.55000
13 *	C17 *	10.85000	4	6.84312	5.550000	19.90000
14	C20	14.11250	4	17.12500	5.550000	39.80000
15	C25	5.55000	4	0.00000	5.550000	5.55000
16	C26	13.61250	4	16.12500	5.550000	37.80000
17	C27	22.52500	4	19.65606	5.550000	41.30000
18	C30	5.55000	4	0.00000	5.550000	5.55000
19	CRA	5.55000	5	0.00000	5.550000	5.55000
20	CRB	15.88333	6	22.16961	5.550000	60.80000
21	SPA	15.46000	5	12.06448	5.550000	35.10000
22	SPC	16.82143	7	26.92214	5.550000	77.60000
	All Grps	12.00657	99	13.60670	5.550000	77.60000

Table 7.61.

* Denotes Upgradient Well

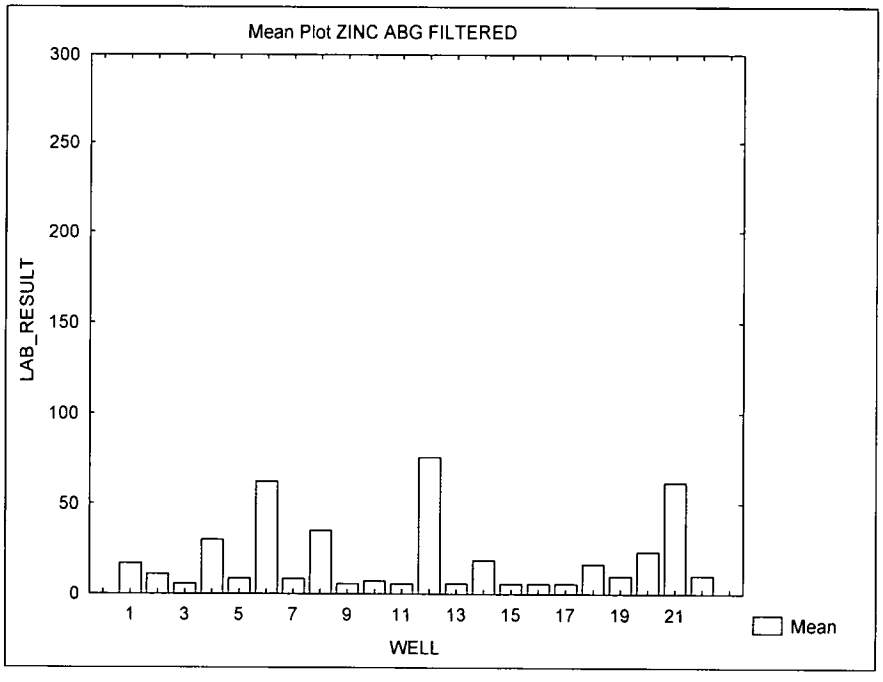


ZINC (FILTERED) (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	16.93750	4	22.7750	5.550000	51.1000
2	B04	10.96250	4	10.8250	5.550000	27.2000
3	C02P2	5.55000	4	0.0000	5.550000	5.5500
4	C03	29.91250	4	48.7250	5.550000	103.0000
5	C04	8.42500	4	3.3208	5.550000	11.4000
6	C07	62.16250	4	113.2250	5.550000	232.0000
7	C08P2	8.23750	4	5.3750	5.550000	16.3000
8	C09P2	35.12500	6	72.4437	5.550000	183.0000
9	C10	5.55000	5	0.0000	5.550000	5.5500
10	C11	6.96250	4	2.8250	5.550000	11.2000
11	C12	5.55000	5	0.0000	5.550000	5.5500
12	C15	75.66250	4	140.2250	5.550000	286.0000
13 *	C17 *	5.55000	4	0.0000	5.550000	5.5500
14	C20	18.58750	4	26.0750	5.550000	57.7000
15	C25	5.55000	4	0.0000	5.550000	5.5500
16	C26	5.55000	4	0.0000	5.550000	5.5500
17	C27	5.55000	4	0.0000	5.550000	5.5500
18	C30	16.46250	4	21.8250	5.550000	49.2000
19	CRA	9.70000	5	4.2206	5.550000	15.3000
20	CRB	23.45833	6	43.8663	5.550000	113.0000
21	SPA	61.84000	5	125.8683	5.550000	287.0000
22	SPC	10.15000	7	9.2782	5.550000	30.2000
	All Grps	19.83838	99	50.4742	5.550000	287.0000

Table 7.62.

* Denotes Upgradient Well



VOLATILE ORGANIC COMPOUNDS

AMMUNITION BURNING GROUNDS

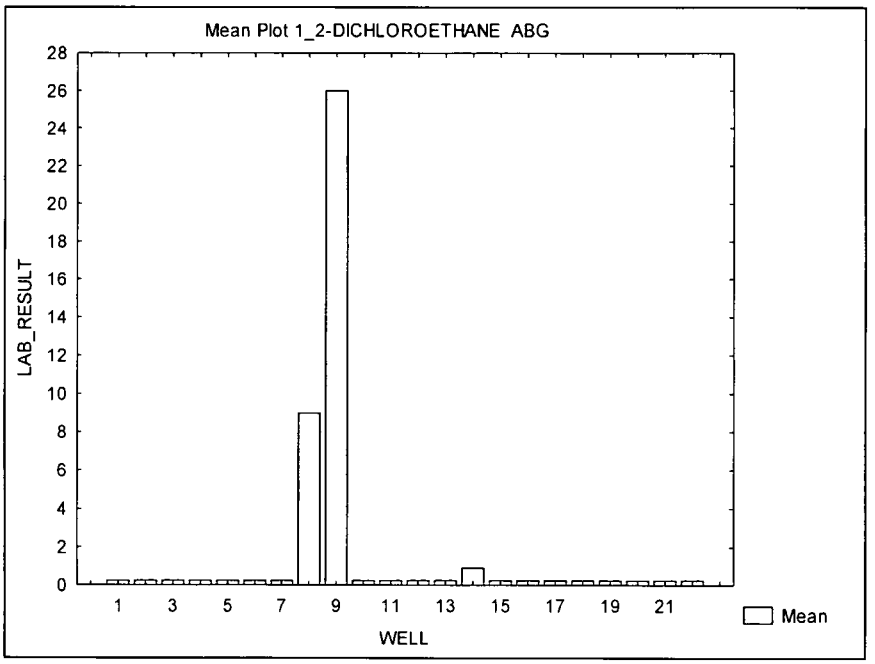
Tables 7.63 through 7.68

1-2, DICHLOROETHANE (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	0.25000	4	0.000000	0.25000	0.25000
2	B04	0.25000	4	0.000000	0.25000	0.25000
3	C02P2	0.25000	1	0.000000	0.25000	0.25000
4	C03	0.25000	3	0.000000	0.25000	0.25000
5	C04	0.25000	4	0.000000	0.25000	0.25000
6	C07	0.25000	2	0.000000	0.25000	0.25000
7	C08P2	0.25000	1	0.000000	0.25000	0.25000
8	C09P2	9.00000	1	0.000000	9.00000	9.00000
9	C10	26.00000	5	0.707107	25.00000	27.00000
10	C11	0.25000	4	0.000000	0.25000	0.25000
11	C12	0.25000	5	0.000000	0.25000	0.25000
12	C15	0.25000	1	0.000000	0.25000	0.25000
13*	C17 *	0.25000	1	0.000000	0.25000	0.25000
14	C20	0.91000	1	0.000000	0.91000	0.91000
15	C25	0.25000	4	0.000000	0.25000	0.25000
16	C26	0.25000	1	0.000000	0.25000	0.25000
17	C27	0.25000	1	0.000000	0.25000	0.25000
18	C30	0.25000	1	0.000000	0.25000	0.25000
19	CRA	0.25000	5	0.000000	0.25000	0.25000
20	CRB	0.25000	6	0.000000	0.25000	0.25000
21	SPA	0.25000	5	0.000000	0.25000	0.25000
22	SPC	0.25000	7	0.000000	0.25000	0.25000
	All Grps	2.31209	67	6.863841	0.25000	27.00000

Table 7.63.

* Denotes Upgradient Well

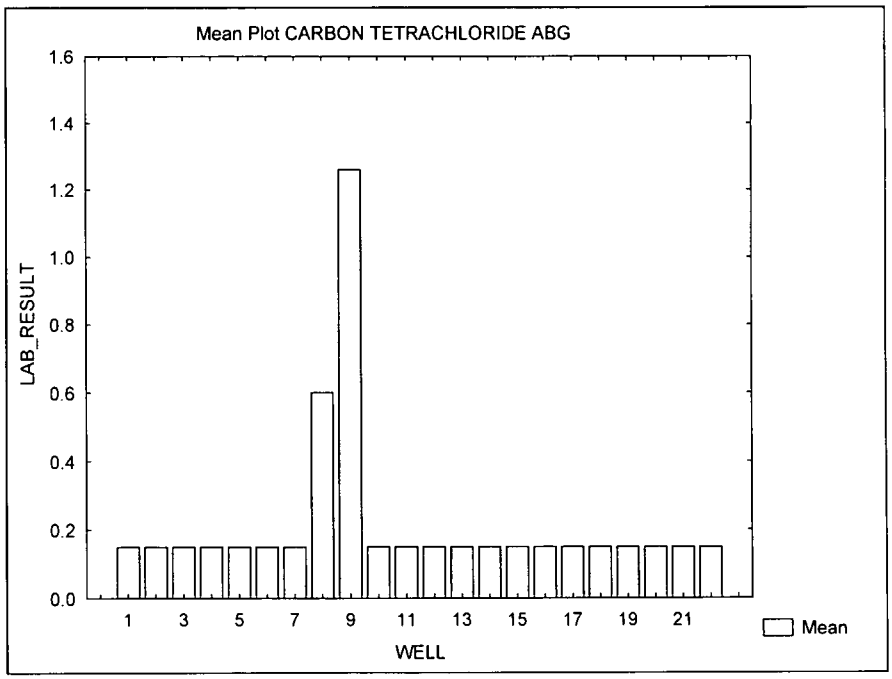


CARBON TETRACHLORIDE (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	0.150000	4	0.000000	0.150000	0.150000
2	B04	0.150000	4	0.000000	0.150000	0.150000
3	C02P2	0.150000	1	0.000000	0.150000	0.150000
4	C03	0.150000	3	0.000000	0.150000	0.150000
5	C04	0.150000	4	0.000000	0.150000	0.150000
6	C07	0.150000	2	0.000000	0.150000	0.150000
7	C08P2	0.150000	1	0.000000	0.150000	0.150000
8	C09P2	0.600000	1	0.000000	0.600000	0.600000
9	C10	1.260000	5	0.194936	1.100000	1.600000
10	C11	0.150000	4	0.000000	0.150000	0.150000
11	C12	0.150000	5	0.000000	0.150000	0.150000
12	C15	0.150000	1	0.000000	0.150000	0.150000
13*	C17 *	0.150000	1	0.000000	0.150000	0.150000
14	C20	0.150000	1	0.000000	0.150000	0.150000
15	C25	0.150000	4	0.000000	0.150000	0.150000
16	C26	0.150000	1	0.000000	0.150000	0.150000
17	C27	0.150000	1	0.000000	0.150000	0.150000
18	C30	0.150000	1	0.000000	0.150000	0.150000
19	CRA	0.150000	5	0.000000	0.150000	0.150000
20	CRB	0.150000	6	0.000000	0.150000	0.150000
21	SPA	0.150000	5	0.000000	0.150000	0.150000
22	SPC	0.150000	7	0.000000	0.150000	0.150000
	All Grps	0.239552	67	0.300950	0.150000	1.600000

Table 7.64.

* Denotes Upgradient Well

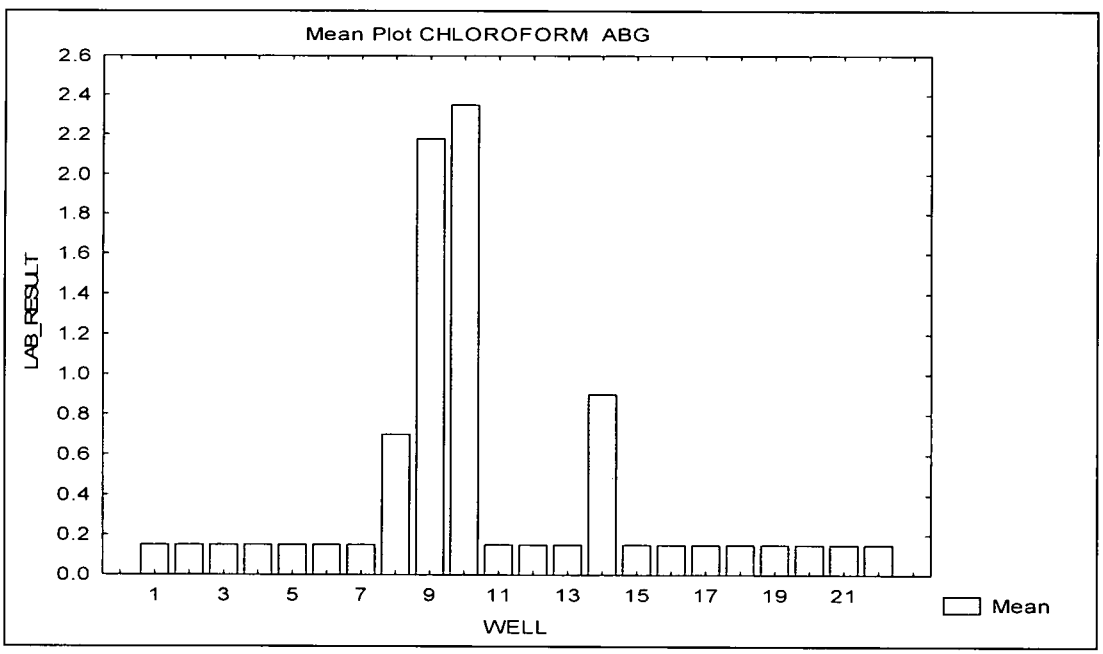


CHLOROFORM (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	0.150000	4	0.000000	0.150000	0.150000
2	B04	0.150000	4	0.000000	0.150000	0.150000
3	C02P2	0.150000	1	0.000000	0.150000	0.150000
4	C03	0.150000	3	0.000000	0.150000	0.150000
5	C04	0.150000	4	0.000000	0.150000	0.150000
6	C07	0.150000	2	0.000000	0.150000	0.150000
7	C08P2	0.150000	1	0.000000	0.150000	0.150000
8	C09P2	0.699990	1	0.000000	0.699990	0.699990
9	C10	2.180000	5	0.130384	2.000000	2.300000
10	C11	2.350000	4	0.129099	2.200000	2.500000
11	C12	0.150000	5	0.000000	0.150000	0.150000
12	C15	0.150000	1	0.000000	0.150000	0.150000
13*	C17 *	0.150000	1	0.000000	0.150000	0.150000
14	C20	0.899990	1	0.000000	0.899990	0.899990
15	C25	0.150000	4	0.000000	0.150000	0.150000
16	C26	0.150000	1	0.000000	0.150000	0.150000
17	C27	0.150000	1	0.000000	0.150000	0.150000
18	C30	0.150000	1	0.000000	0.150000	0.150000
19	CRA	0.150000	5	0.000000	0.150000	0.150000
20	CRB	0.150000	6	0.000000	0.150000	0.150000
21	SPA	0.150000	5	0.000000	0.150000	0.150000
22	SPC	0.150000	7	0.000000	0.150000	0.150000
	All Grps	0.452239	67	0.726419	0.150000	2.500000

Table 7.65.

* Denotes Upgradient Well

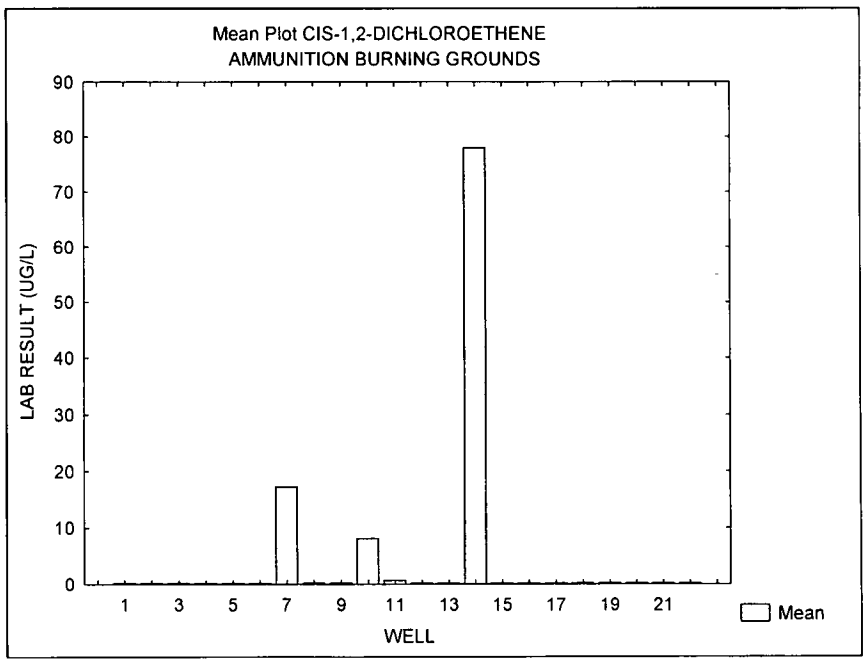


CIS-1,2-DICHLOROETHENE (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	0.25000	4	0.00000	0.25000	0.2500
2	B04	0.25000	4	0.00000	0.25000	0.2500
3	C02P2	0.31250	4	0.12500	0.25000	0.5000
4	C03	0.25000	3	0.00000	0.25000	0.2500
5	C04	0.25000	4	0.00000	0.25000	0.2500
6	C07	0.25000	4	0.00000	0.25000	0.2500
7	C08P2	17.25000	4	2.06155	15.00000	19.0000
8	C09P2	0.25000	6	0.00000	0.25000	0.2500
9	C10	0.25000	5	0.00000	0.25000	0.2500
10	C11	8.05000	4	0.59161	7.20000	8.5000
11	C12	0.66000	5	0.15165	0.50000	0.9000
12	C15	0.25000	4	0.00000	0.25000	0.2500
13*	C17*	0.25000	4	0.00000	0.25000	0.2500
14	C20	78.00000	4	15.23155	66.00000	100.0000
15	C25	0.25000	4	0.00000	0.25000	0.2500
16	C26	0.25000	4	0.00000	0.25000	0.2500
17	C27	0.25000	4	0.00000	0.25000	0.2500
18	C30	0.25000	4	0.00000	0.25000	0.2500
19	CRA	0.25000	5	0.00000	0.25000	0.2500
20	CRB	0.25000	6	0.00000	0.25000	0.2500
21	SPA	0.25000	5	0.00000	0.25000	0.2500
22	SPC	0.25000	7	0.00000	0.25000	0.2500
	All Grps	4.45918	98	15.91022	0.25000	100.0000

Table 7.66.

* Denotes Upgradient Well

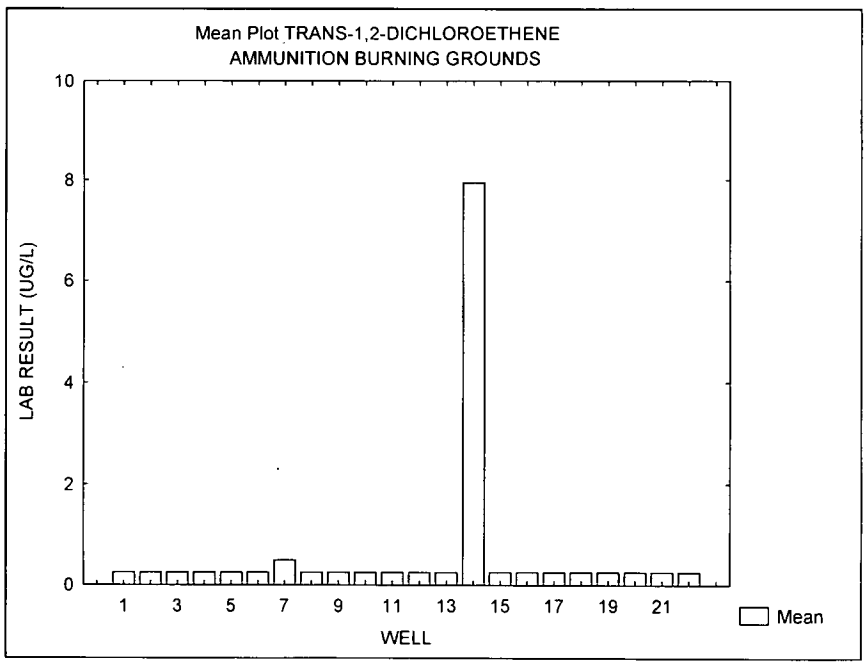


TRANS-1,2-DICHLOROETHENE (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	0.250000	4	0.000000	0.250000	0.250000
2	B04	0.250000	4	0.000000	0.250000	0.250000
3	C02P2	0.250000	4	0.000000	0.250000	0.250000
4	C03	0.250000	3	0.000000	0.250000	0.250000
5	C04	0.250000	4	0.000000	0.250000	0.250000
6	C07	0.250000	4	0.000000	0.250000	0.250000
7	C08P2	0.487500	4	0.475000	0.250000	1.200000
8	C09P2	0.250000	6	0.000000	0.250000	0.250000
9	C10	0.250000	5	0.000000	0.250000	0.250000
10	C11	0.250000	4	0.000000	0.250000	0.250000
11	C12	0.250000	5	0.000000	0.250000	0.250000
12	C15	0.250000	4	0.000000	0.250000	0.250000
13*	C17*	0.250000	4	0.000000	0.250000	0.250000
14	C20	7.950000	4	1.066146	7.100000	9.400000
15	C25	0.250000	4	0.000000	0.250000	0.250000
16	C26	0.250000	4	0.000000	0.250000	0.250000
17	C27	0.250000	4	0.000000	0.250000	0.250000
18	C30	0.250000	4	0.000000	0.250000	0.250000
19	CRA	0.250000	5	0.000000	0.250000	0.250000
20	CRB	0.250000	6	0.000000	0.250000	0.250000
21	SPA	0.250000	5	0.000000	0.250000	0.250000
22	SPC	0.250000	7	0.000000	0.250000	0.250000
	All Grps	0.573980	98	1.543814	0.250000	9.400000

Table 7.67.

* Denotes Upgradient Well

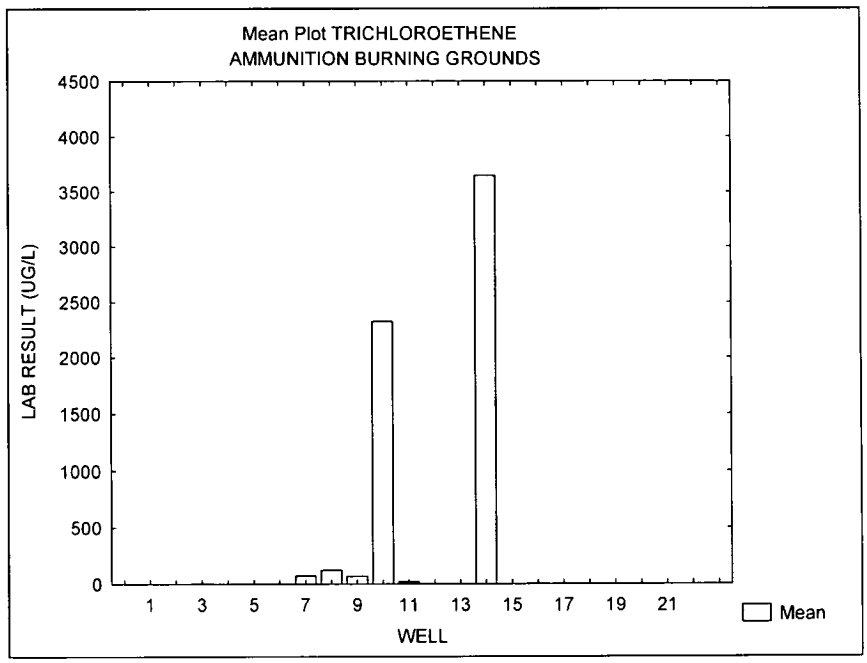


TRICHLOROETHENE (UG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	0.250	4	0.0000	0.250	0.250
2	B04	0.250	4	0.0000	0.250	0.250
3	C02P2	8.775	4	4.0844	2.900	12.000
4	C03	0.250	3	0.0000	0.250	0.250
5	C04	0.250	4	0.0000	0.250	0.250
6	C07	4.475	4	1.2285	2.900	5.900
7	C08P2	68.250	4	6.0759	63.000	77.000
8	C09P2	121.667	6	7.5277	110.000	130.000
9	C10	66.400	5	7.1274	54.000	72.000
10	C11	2325.000	4	125.8306	2200.000	2500.000
11	C12	21.200	5	2.1679	20.000	25.000
12	C15	0.250	4	0.0000	0.250	0.250
13*	C17*	0.250	4	0.0000	0.250	0.250
14	C20	3650.000	4	574.4563	3300.000	4500.000
15	C25	0.250	4	0.0000	0.250	0.250
16	C26	9.450	4	0.8544	8.200	10.000
17	C27	4.050	4	0.3000	3.800	4.400
18	C30	0.250	4	0.0000	0.250	0.250
19	CRA	0.250	5	0.0000	0.250	0.250
20	CRB	0.250	6	0.0000	0.250	0.250
21	SPA	0.250	5	0.0000	0.250	0.250
22	SPC	0.250	7	0.0000	0.250	0.250
	All Grps	259.811	98	846.2656	0.250	4500.000

Table 7.68.

* Denotes Upgradient Well



MISCELLANEOUS PARAMETERS

AMMUNITION BURNING GROUNDS

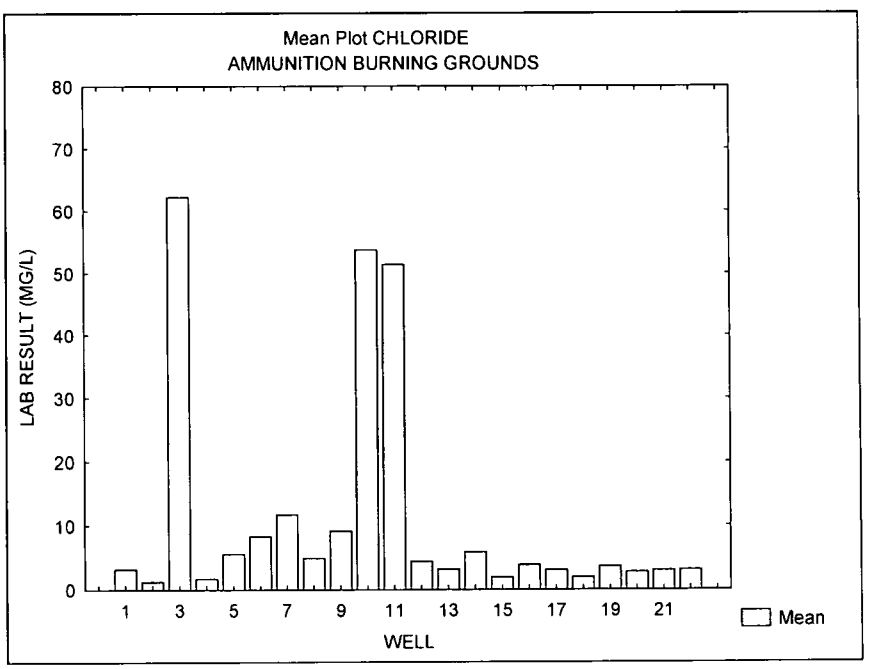
Tables 7.69 through 7.74

CHLORIDE (MG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	3.17500	4	0.20616	3.00000	3.40000
2	B04	1.25000	4	0.30000	1.00000	1.60000
3	C02P2	62.25000	4	27.52423	22.00000	80.00000
4	C03	1.70000	4	0.34641	1.40000	2.00000
5	C04	5.55000	4	2.42418	2.00000	7.20000
6	C07	8.30000	4	1.66933	6.00000	10.00000
7	C08P2	11.75000	4	1.70783	10.00000	14.00000
8	C09P2	4.90000	6	0.20976	4.50000	5.10000
9	C10	9.12000	5	0.17889	9.00000	9.40000
10	C11	53.75000	4	1.70783	52.00000	56.00000
11	C12	51.40000	5	19.26915	30.00000	75.00000
12	C15	4.42500	4	0.40311	4.10000	5.00000
13*	C17*	3.15000	4	0.17321	3.00000	3.40000
14	C20	5.87500	4	0.47170	5.20000	6.30000
15	C25	1.90000	4	0.11547	1.80000	2.00000
16	C26	3.87500	4	0.18930	3.60000	4.00000
17	C27	3.05000	4	0.10000	3.00000	3.20000
18	C30	1.97500	4	0.05000	1.90000	2.00000
19	CRA	3.60000	5	0.98234	2.00000	4.50000
20	CRB	2.71667	6	0.99482	1.00000	3.40000
21	SPA	2.98000	5	0.67231	2.00000	3.60000
22	SPC	3.08571	7	0.89894	2.00000	4.30000
	All Grps	11.01717	99	18.69244	1.00000	80.00000

Table 7.69.

* Denotes Upgradient Well

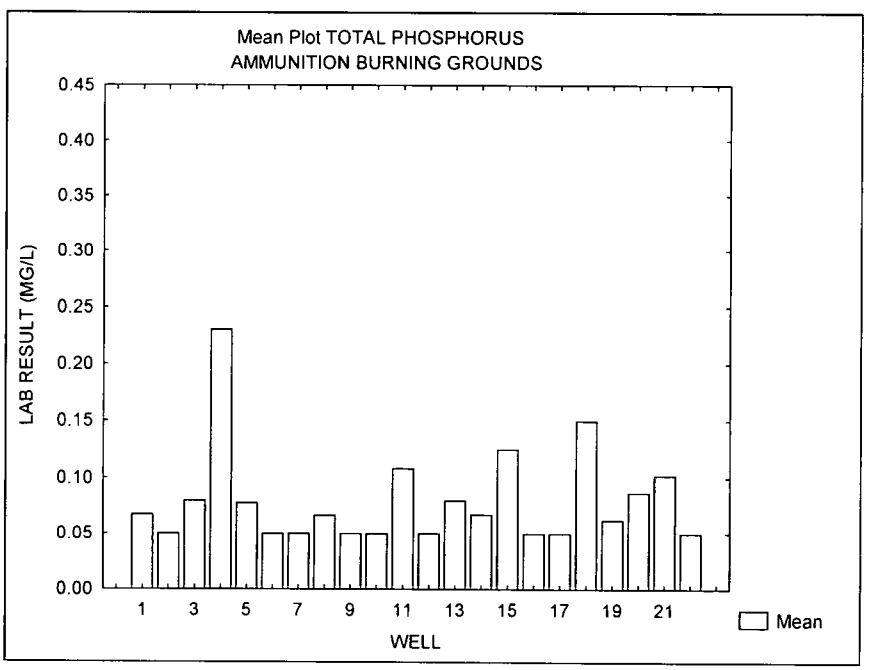


TOTAL PHOSPHORUS (MG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	0.067498	4	0.034995	0.050000	0.119990
2	B04	0.050000	4	0.000000	0.050000	0.050000
3	C02P2	0.079995	4	0.034635	0.050000	0.109990
4	C03	0.229998	4	0.359995	0.050000	0.769990
5	C04	0.077498	4	0.054995	0.050000	0.159990
6	C07	0.050000	4	0.000000	0.050000	0.050000
7	C08P2	0.050000	4	0.000000	0.050000	0.050000
8	C09P2	0.066667	6	0.040825	0.050000	0.150000
9	C10	0.050000	5	0.000000	0.050000	0.050000
10	C11	0.050000	4	0.000000	0.050000	0.050000
11	C12	0.107998	5	0.057183	0.050000	0.180000
12	C15	0.050000	4	0.000000	0.050000	0.050000
13*	C17*	0.080000	4	0.060000	0.050000	0.170000
14	C20	0.067498	4	0.034995	0.050000	0.119990
15	C25	0.124998	4	0.149995	0.050000	0.349990
16	C26	0.050000	4	0.000000	0.050000	0.050000
17	C27	0.050000	4	0.000000	0.050000	0.050000
18	C30	0.149998	4	0.136870	0.050000	0.340000
19	CRA	0.061998	5	0.026828	0.050000	0.109990
20	CRB	0.086665	6	0.042267	0.050000	0.140000
21	SPA	0.101996	5	0.082881	0.050000	0.239990
22	SPC	0.050000	7	0.000000	0.050000	0.050000
	All Grps	0.078686	99	0.088531	0.050000	0.769990

Table 7.70.

* Denotes Upgradient Well

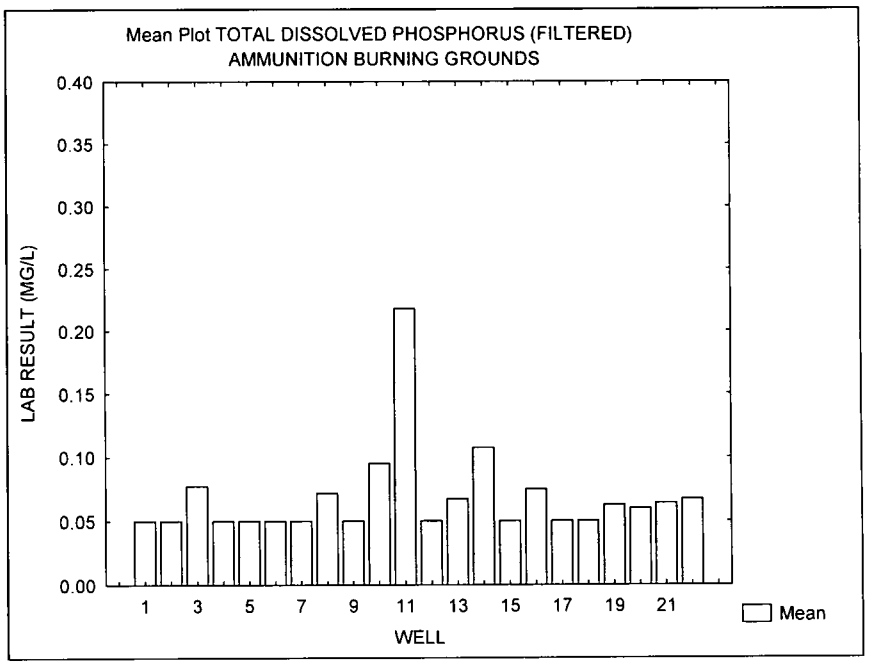


TOTAL DISSOLVED PHOSPHORUS (FILTERED) (MG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DV.	MINIMUM	MAXIMUM
1	B02	0.050000	4	0.000000	0.050000	0.050000
2	B04	0.050000	4	0.000000	0.050000	0.050000
3	C02P2	0.077498	4	0.054995	0.050000	0.159990
4	C03	0.050000	4	0.000000	0.050000	0.050000
5	C04	0.050000	4	0.000000	0.050000	0.050000
6	C07	0.050000	4	0.000000	0.050000	0.050000
7	C08P2	0.050000	4	0.000000	0.050000	0.050000
8	C09P2	0.071667	6	0.053072	0.050000	0.180000
9	C10	0.050000	5	0.000000	0.050000	0.050000
10	C11	0.095000	4	0.090000	0.050000	0.230000
11	C12	0.217996	5	0.343100	0.050000	0.829990
12	C15	0.050000	4	0.000000	0.050000	0.050000
13*	C17*	0.067498	4	0.034995	0.050000	0.119990
14	C20	0.107495	4	0.075879	0.050000	0.209990
15	C25	0.050000	4	0.000000	0.050000	0.050000
16	C26	0.075000	4	0.050000	0.050000	0.150000
17	C27	0.050000	4	0.000000	0.050000	0.050000
18	C30	0.050000	4	0.000000	0.050000	0.050000
19	CRA	0.062500	4	0.025000	0.050000	0.100000
20	CRB	0.060000	5	0.022361	0.050000	0.100000
21	SPA	0.063998	5	0.031300	0.050000	0.119990
22	SPC	0.067143	7	0.045356	0.050000	0.170000
	All Grps	0.070102	97	0.085627	0.050000	0.829990

Table 7.71.

* Denotes Upgradient Well

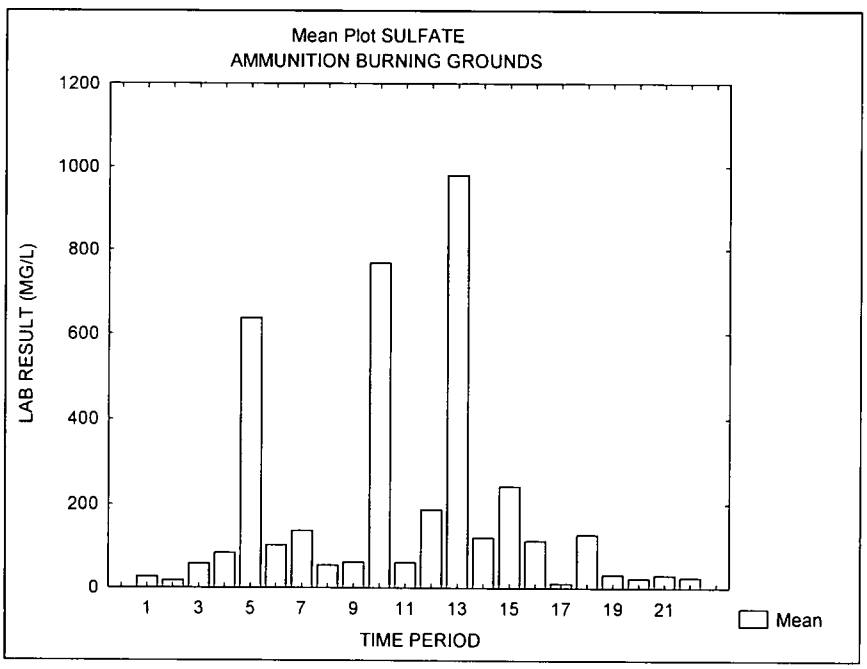


SULFATE (MG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	B02	26.5000	4	1.7321	25.0000	28.000
2	B04	17.7500	4	1.5000	16.0000	19.000
3	C02P2	57.0000	4	15.0333	35.0000	68.000
4	C03	83.2500	4	0.9574	82.0000	84.000
5	C04	637.5000	4	409.2575	30.0000	920.000
6	C07	102.5000	4	25.2784	86.0000	140.000
7	C08P2	137.5000	4	9.5743	130.0000	150.000
8	C09P2	53.8333	6	5.6362	47.0000	62.000
9	C10	61.2000	5	2.5884	58.0000	64.000
10	C11	767.5000	4	87.7021	640.0000	830.000
11	C12	60.4000	5	5.5946	54.0000	68.000
12	C15	187.5000	4	9.5743	180.0000	200.000
13*	C17*	980.0000	4	24.4949	950.0000	1000.000
14	C20	120.0000	4	8.1650	110.0000	130.000
15	C25	242.5000	4	37.7492	190.0000	270.000
16	C26	112.5000	4	5.0000	110.0000	120.000
17	C27	10.5000	4	2.0817	8.0000	13.000
18	C30	127.5000	4	9.5743	120.0000	140.000
19	CRA	31.6000	5	6.1887	22.0000	37.000
20	CRB	22.9000	6	12.0789	1.4000	33.000
21	SPA	31.0000	5	3.8079	27.0000	35.000
22	SPC	25.5714	7	3.3094	22.0000	30.000
	All Grps	161.6202	99	258.6856	1.4000	1000.000

Table 7.72.

* Denotes Upgradient Well

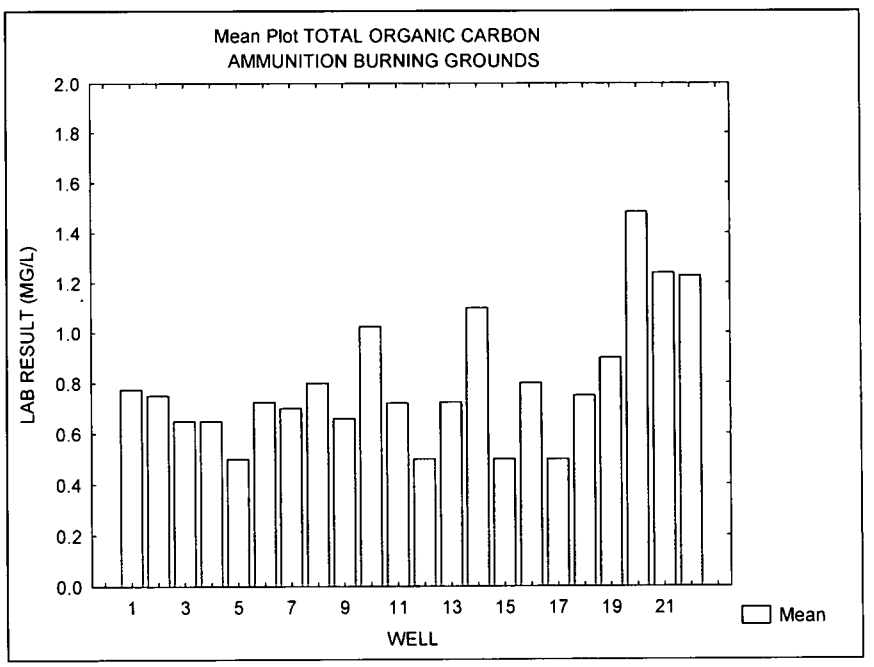


TOTAL ORGANIC CARBON (MG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	SYTD.DEV.	MINIMUM	MAXIMUM
1	B02	0.775000	4	0.550000	0.500000	1.600000
2	B04	0.750000	4	0.500000	0.500000	1.500000
3	C02P2	0.650000	4	0.300000	0.500000	1.100000
4	C03	0.650000	4	0.300000	0.500000	1.100000
5	C04	0.500000	3	0.000000	0.500000	0.500000
6	C07	0.725000	4	0.450000	0.500000	1.400000
7	C08P2	0.700000	4	0.400000	0.500000	1.300000
8	C09P2	0.800000	6	0.334664	0.500000	1.200000
9	C10	0.660000	5	0.357771	0.500000	1.300000
10	C11	1.025000	4	0.708872	0.500000	2.000000
11	C12	0.720000	5	0.491935	0.500000	1.600000
12	C15	0.500000	4	0.000000	0.500000	0.500000
13*	C17*	0.725000	4	0.450000	0.500000	1.400000
14	C20	1.100000	4	0.692820	0.500000	1.700000
15	C25	0.500000	4	0.000000	0.500000	0.500000
16	C26	0.800000	4	0.346410	0.500000	1.100000
17	C27	0.500000	4	0.000000	0.500000	0.500000
18	C30	0.750000	4	0.500000	0.500000	1.500000
19	CRA	0.900000	5	0.616441	0.500000	1.900000
20	CRB	1.483333	6	0.986745	0.500000	2.900000
21	SPA	1.240000	5	0.577062	0.500000	2.000000
22	SPC	1.228571	7	0.415188	0.500000	1.800000
	All Grps	0.836735	98	0.518202	0.500000	2.900000

Table 7.73.

* Denotes Upgradient Well

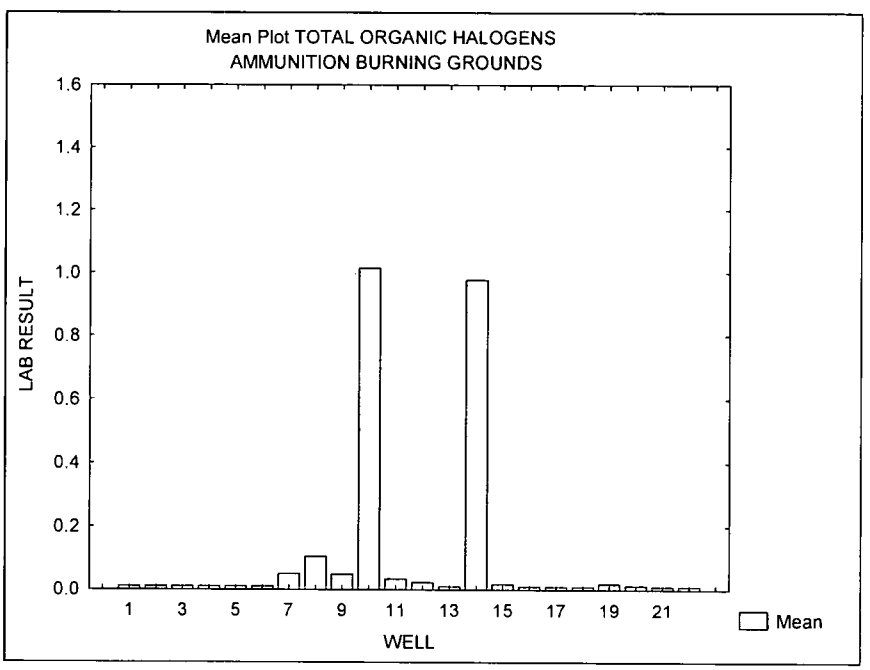


TOTAL ORGANIC HALOGENS (MG/L)
AMMUNITION BURNING GROUNDS

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	B02	0.010000	4	0.000000	0.010000	0.010000
2	B04	0.010000	4	0.000000	0.010000	0.010000
3	C02P2	0.010000	4	0.000000	0.010000	0.010000
4	C03	0.010000	4	0.000000	0.010000	0.010000
5	C04	0.010000	4	0.000000	0.010000	0.010000
6	C07	0.010000	4	0.000000	0.010000	0.010000
7	C08P2	0.049998	4	0.036517	0.010000	0.090000
8	C09P2	0.104995	6	0.055767	0.029990	0.189990
9	C10	0.047996	5	0.040864	0.010000	0.100000
10	C11	1.015000	4	0.214243	0.810000	1.200000
11	C12	0.033996	5	0.033616	0.010000	0.090000
12	C15	0.022498	4	0.018930	0.010000	0.050000
13*	C17*	0.010000	4	0.000000	0.010000	0.010000
14	C20	0.977498	4	0.789109	0.010000	1.800000
15	C25	0.017498	4	0.014995	0.010000	0.039990
16	C26	0.010000	4	0.000000	0.010000	0.010000
17	C27	0.010000	4	0.000000	0.010000	0.010000
18	C30	0.010000	4	0.000000	0.010000	0.010000
19	CRA	0.018000	5	0.017889	0.010000	0.050000
20	CRB	0.013332	6	0.008161	0.010000	0.029990
21	SPA	0.010000	5	0.000000	0.010000	0.010000
22	SPC	0.010000	7	0.000000	0.010000	0.010000
	All Grps	0.101615	99	0.304140	0.010000	1.800000

Table 7.74.

* Denotes Upgradient Well



EXPLOSIVES

OLD RIFLE RANGE BEECH CREEK AQUIFER

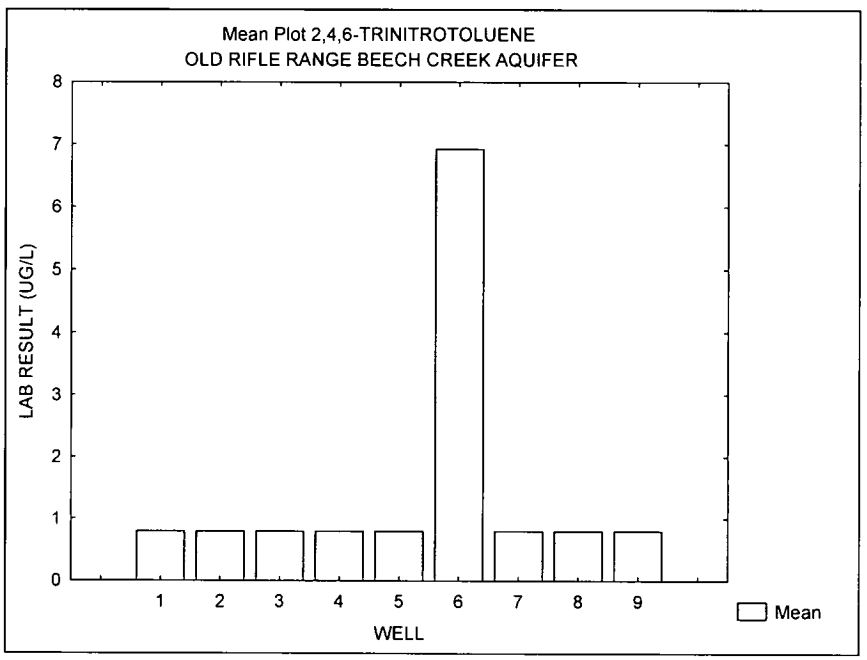
Tables 7.75 through 7.77

2,4,6-TRINITROTOLUENE (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	0.800000	4	0.000000	0.800000	0.800000
2	C11	0.800000	4	0.000000	0.800000	0.800000
3	C12	0.800000	4	0.000000	0.800000	0.800000
4	C13	0.800000	5	0.000000	0.800000	0.800000
5	C14	0.800000	6	0.000000	0.800000	0.800000
6	C15	6.925000	4	0.675154	6.300000	7.800000
7	C16	0.800000	4	0.000000	0.800000	0.800000
8	C18	0.800000	5	0.000000	0.800000	0.800000
9	C19	0.800000	4	0.000000	0.800000	0.800000
	All Grps	1.412500	40	1.870306	0.800000	7.800000

Table 7.75.

* Denotes Upgradient Well

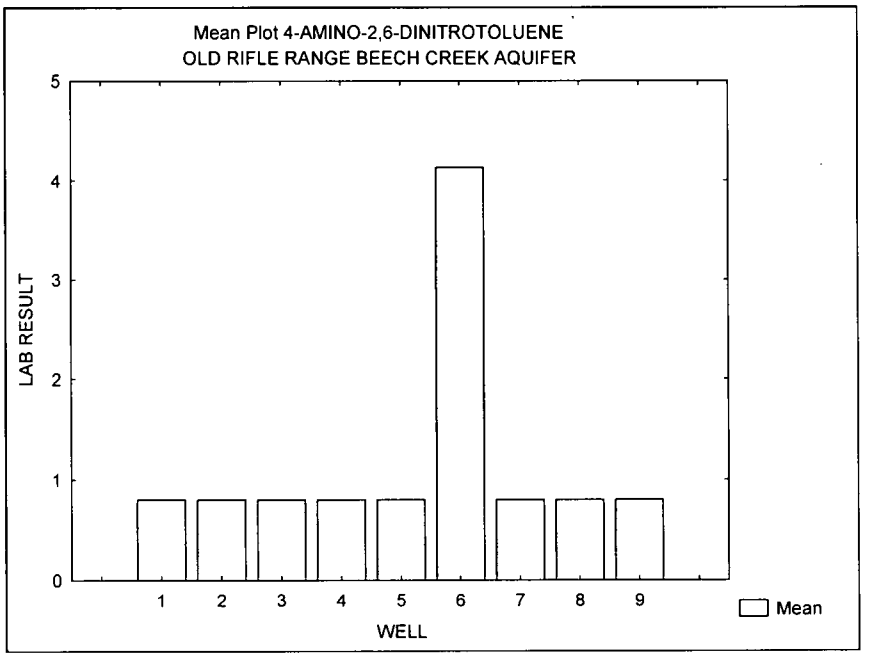


4-AMINO-2,6-DINITROTOLUENE (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	0.800000	4	0.000000	0.800000	0.800000
2	C11	0.800000	4	0.000000	0.800000	0.800000
3	C12	0.800000	4	0.000000	0.800000	0.800000
4	C13	0.800000	5	0.000000	0.800000	0.800000
5	C14	0.800000	6	0.000000	0.800000	0.800000
6	C15	4.175000	4	0.386221	3.600000	4.400000
7	C16	0.800000	4	0.000000	0.800000	0.800000
8	C18	0.800000	5	0.000000	0.800000	0.800000
9	C19	0.800000	4	0.000000	0.800000	0.800000
	All Grps	1.137500	40	1.030978	0.800000	4.400000

Table 7.76.

* Denotes Upgradient Well

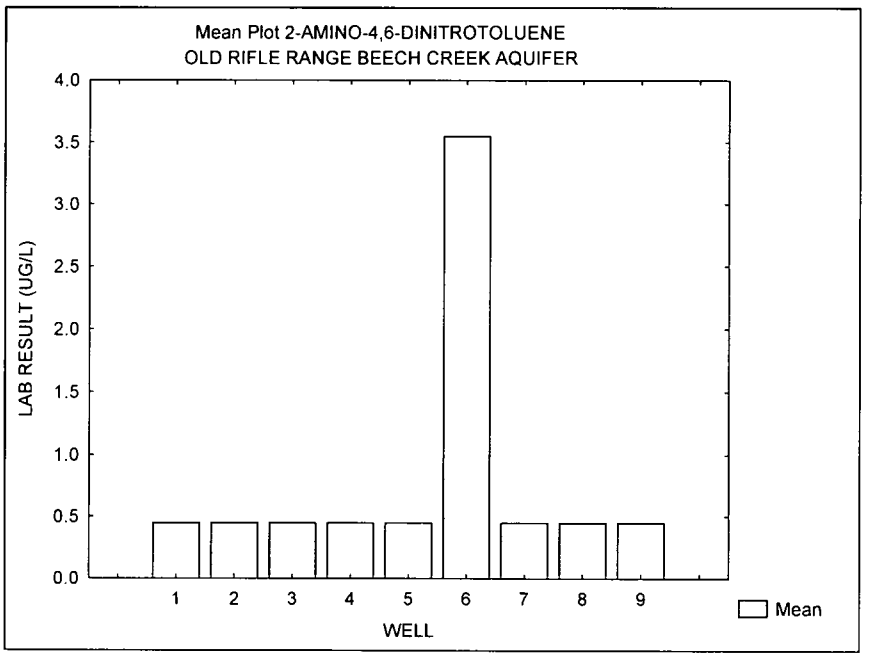


2-AMINO-4,6-DINITROTOLUENE (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	0.450000	4	0.000000	0.450000	0.450000
2	C11	0.450000	4	0.000000	0.450000	0.450000
3	C12	0.450000	4	0.000000	0.450000	0.450000
4	C13	0.450000	5	0.000000	0.450000	0.450000
5	C14	0.450000	6	0.000000	0.450000	0.450000
6	C15	3.550000	4	0.173205	3.400000	3.700000
7	C16	0.450000	4	0.000000	0.450000	0.450000
8	C18	0.450000	5	0.000000	0.450000	0.450000
9	C19	0.450000	4	0.000000	0.450000	0.450000
	All Grps	0.760000	40	0.943072	0.450000	3.700000

Table 7.77.

* Denotes Upgradient Well



METALS

OLD RIFLE RANGE BEECH CREEK AQUIFER

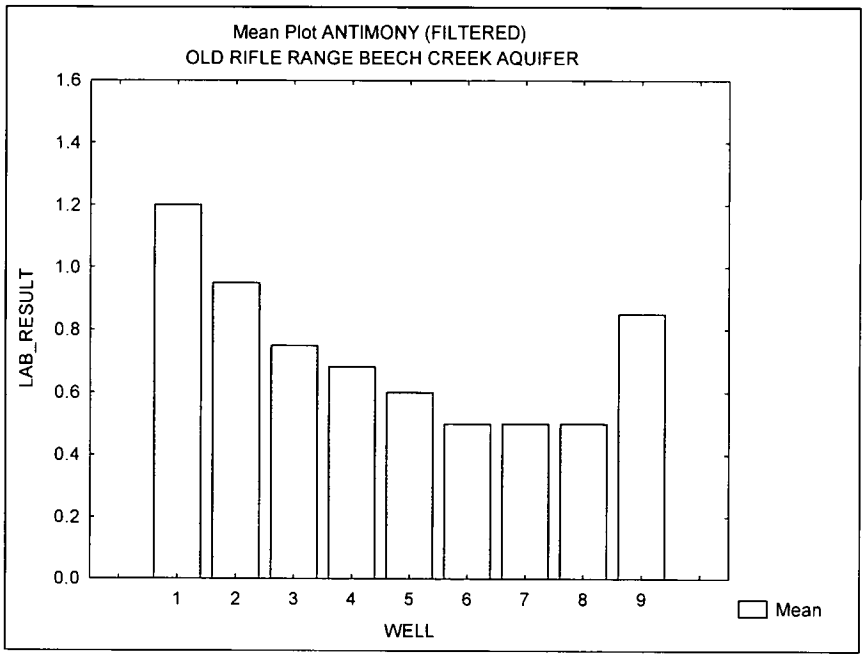
Tables 7.78 through 7.92

ANTIMONY (FILTERED) (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	1.200000	4	0.668331	0.500000	2.100000
2	C11	0.950000	4	0.519615	0.500000	1.400000
3	C12	0.750000	4	0.500000	0.500000	1.500000
4	C13	0.683333	6	0.449073	0.500000	1.600000
5	C14	0.600000	6	0.244949	0.500000	1.100000
6	C15	0.500000	4	0.000000	0.500000	0.500000
7	C16	0.500000	4	0.000000	0.500000	0.500000
8	C18	0.500000	5	0.000000	0.500000	0.500000
9	C19	0.850000	4	0.404145	0.500000	1.200000
	All Grps	0.712195	41	0.406937	0.500000	2.100000

Table 7.78.

* Denotes Upgradient Well

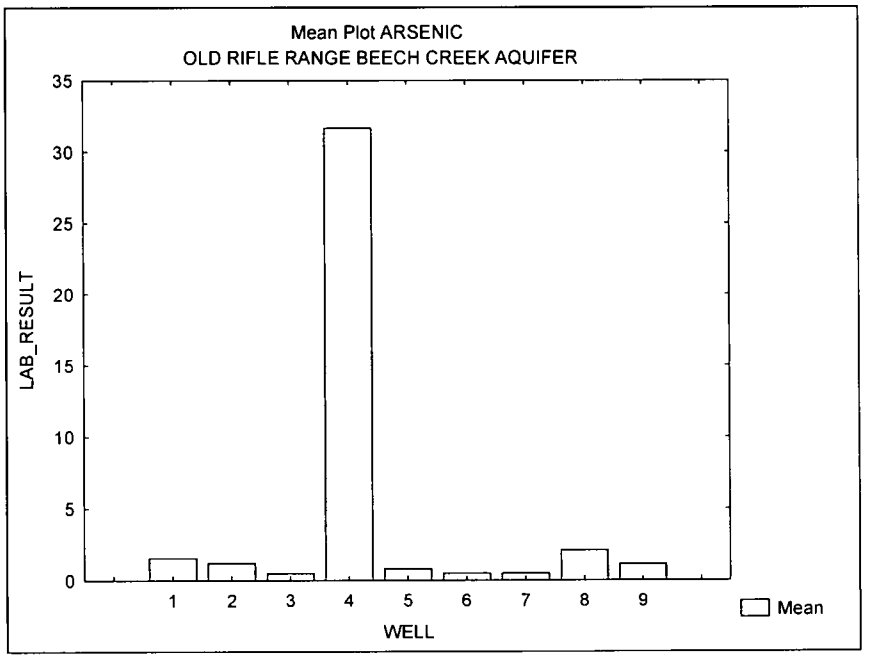


ARSENIC (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	1.57500	4	0.15000	1.40000	1.70000
2	C11	1.22500	4	0.99121	0.50000	2.60000
3	C12	0.50000	4	0.00000	0.50000	0.50000
4	C13	31.64000	5	1.71114	29.60000	33.70000
5	C14	0.80000	6	0.48166	0.50000	1.60000
6	C15	0.50000	4	0.00000	0.50000	0.50000
7	C16	0.50000	4	0.00000	0.50000	0.50000
8	C18	2.12000	5	0.08367	2.00000	2.20000
9	C19	1.15000	4	0.46547	0.50000	1.60000
	All Grps	4.88500	40	10.27570	0.50000	33.70000

Table 7.79.

* Denotes Upgradient Well

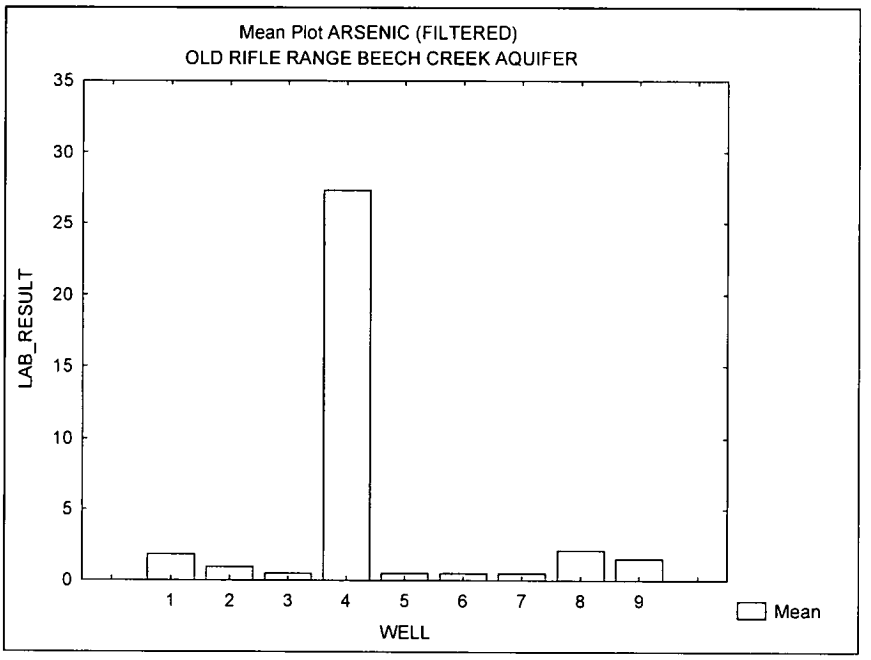


ARSENIC (FILTERED) (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	1.82500	4	0.170783	1.60000	2.00000
2	C11	0.95000	4	0.900000	0.50000	2.30000
3	C12	0.50000	4	0.000000	0.50000	0.50000
4	C13	27.30000	5	4.978956	22.00000	33.00000
5	C14	0.50000	6	0.000000	0.50000	0.50000
6	C15	0.50000	4	0.000000	0.50000	0.50000
7	C16	0.50000	4	0.000000	0.50000	0.50000
8	C18	2.10000	5	0.254951	1.90000	2.50000
9	C19	1.52500	4	0.386221	1.30000	2.10000
	All Grps	4.33000	40	8.960975	0.50000	33.00000

Table 7.80.

* Denotes Upgradient Well

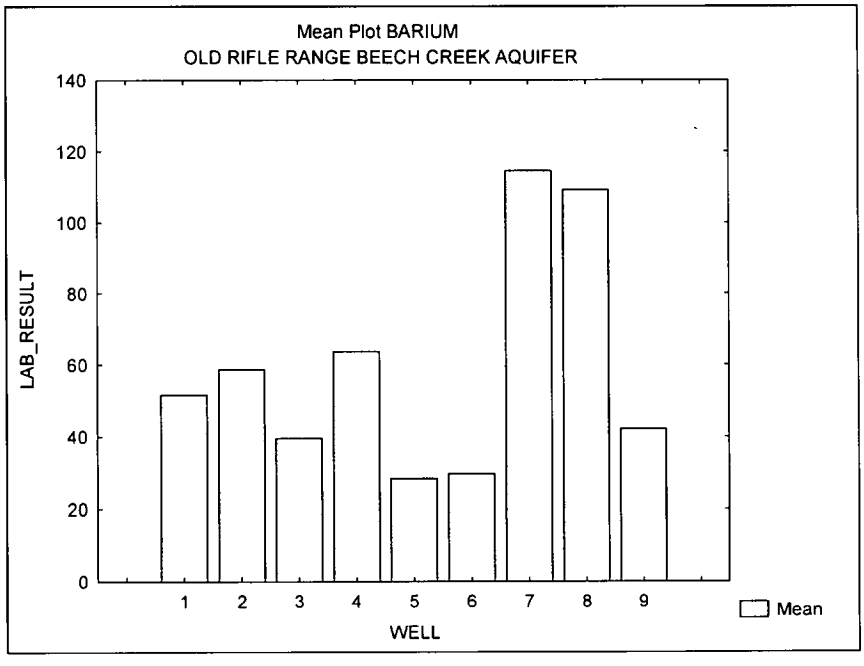


BARIUM (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	51.5750	4	5.13120	45.5000	57.6000
2	C11	58.6750	4	10.10590	45.0000	69.2000
3	C12	39.5000	4	2.64197	35.9000	42.0000
4	C13	63.6600	5	4.01472	58.8000	69.9000
5	C14	28.4000	6	2.00400	25.8000	30.3000
6	C15	29.6250	4	1.23119	28.7000	31.4000
7	C16	114.5000	4	10.34408	106.0000	127.0000
8	C18	109.2000	5	7.66159	102.0000	120.0000
9	C19	42.1250	4	1.98053	39.8000	44.3000
	All Grps	59.4675	40	31.22899	25.8000	127.0000

Table 7.81.

* Denotes Upgradient Well

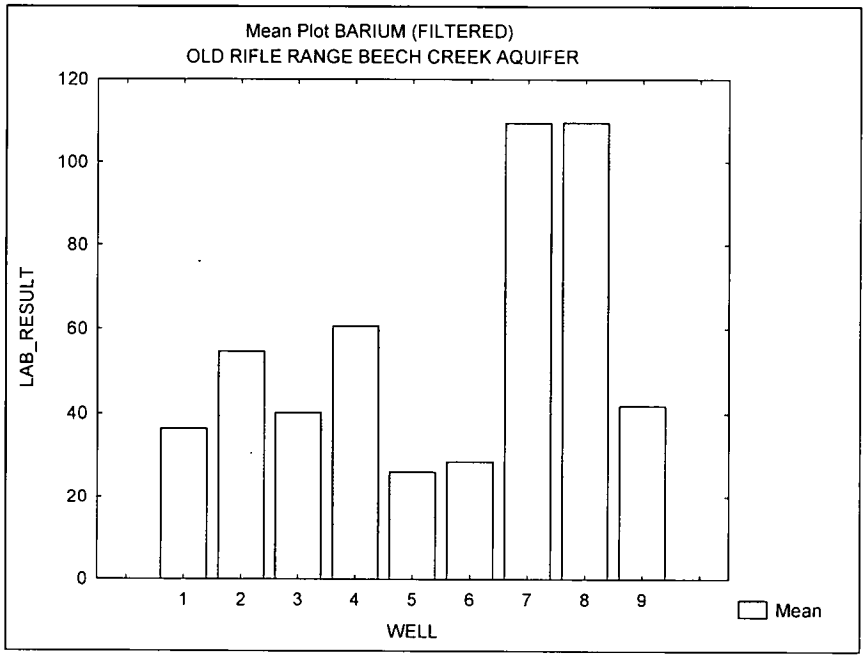


BARIUM (FILTERED) (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	36.3750	4	3.35596	33.1000	39.7000
2	C11	54.6500	4	9.39379	45.9000	64.6000
3	C12	40.2000	4	2.57034	36.6000	42.1000
4	C13	60.6400	5	4.62526	55.8000	68.1000
5	C14	26.1500	6	2.43701	23.3000	28.9000
6	C15	28.6750	4	2.89295	26.4000	32.9000
7	C16	109.5000	4	2.38048	108.0000	113.0000
8	C18	109.6000	5	7.76531	100.0000	121.0000
9	C19	41.8000	4	2.78927	38.8000	45.5000
	All Grps	56.3225	40	31.35539	23.3000	121.0000

Table 7.82.

* Denotes Upgradient Well

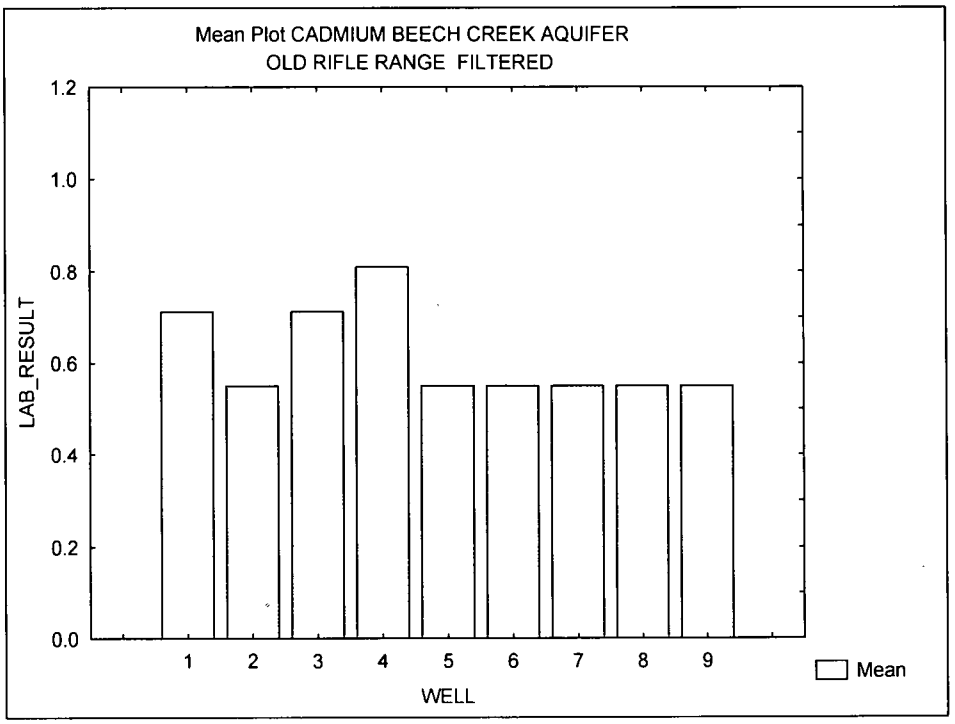


CADMIUM (FILTERED) (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1 *	C08 *	0.712500	4	0.325000	0.550000	1.200000
2	C11	0.550000	4	0.000000	0.550000	0.550000
3	C12	0.712500	4	0.325000	0.550000	1.200000
4	C13	0.810000	5	0.362974	0.550000	1.300000
5	C14	0.550000	6	0.000000	0.550000	0.550000
6	C15	0.550000	4	0.000000	0.550000	0.550000
7	C16	0.550000	4	0.000000	0.550000	0.550000
8	C18	0.550000	5	0.000000	0.550000	0.550000
9	C19	0.550000	4	0.000000	0.550000	0.550000
	All Grps	0.615000	40	0.198778	0.550000	1.300000

Table 7.83.

* Denotes Upgradient Well

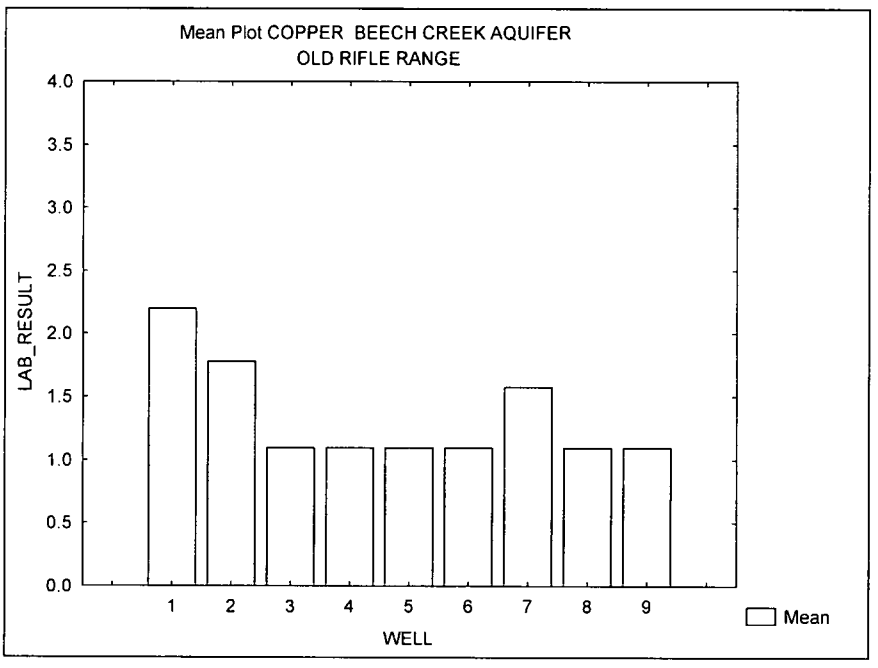


COPPER (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1 *	C08 *	2.200000	4	1.467424	1.100000	4.200000
2	C11	1.775000	4	1.350000	1.100000	3.800000
3	C12	1.100000	4	0.000000	1.100000	1.100000
4	C13	1.100000	5	0.000000	1.100000	1.100000
5	C14	1.100000	6	0.000000	1.100000	1.100000
6	C15	1.100000	4	0.000000	1.100000	1.100000
7	C16	1.575000	4	0.950000	1.100000	3.000000
8	C18	1.100000	5	0.000000	1.100000	1.100000
9	C19	1.100000	4	0.000000	1.100000	1.100000
	All Grps	1.325000	40	0.719241	1.100000	4.200000

Table 7.84.

* Denotes Upgradient Well

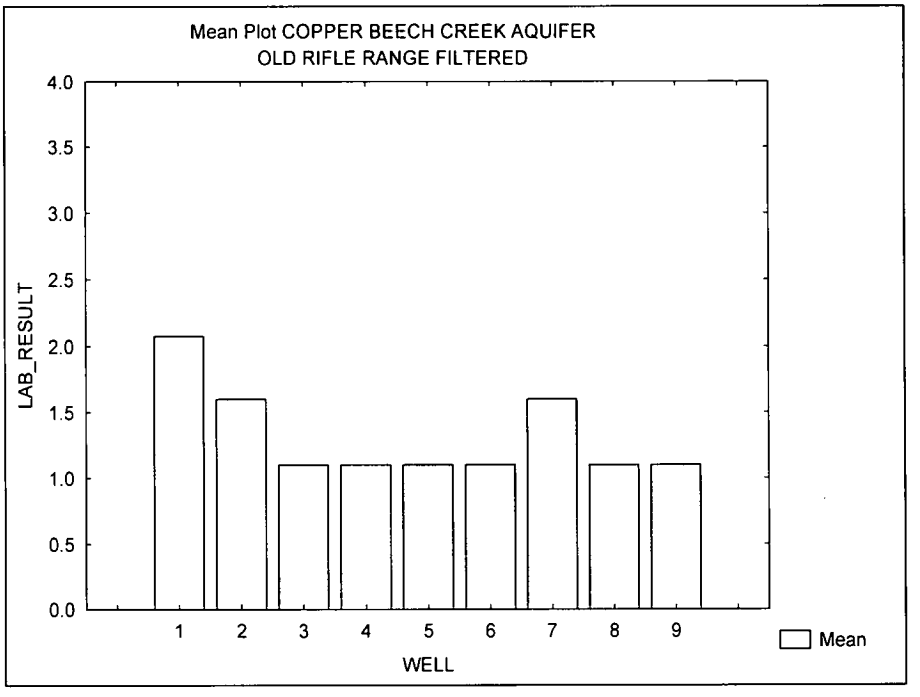


COPPER (FILTERED) (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1*	C08 *	2.075000	4	1.281601	1.100000	3.800000
2	C11	1.600000	4	1.000000	1.100000	3.100000
3	C12	1.100000	4	0.000000	1.100000	1.100000
4	C13	1.100000	5	0.000000	1.100000	1.100000
5	C14	1.100000	5	0.000000	1.100000	1.100000
6	C15	1.100000	4	0.000000	1.100000	1.100000
7	C16	1.600000	4	1.000000	1.100000	3.100000
8	C18	1.100000	5	0.000000	1.100000	1.100000
9	C19	1.100000	4	0.000000	1.100000	1.100000
	All Grps	1.302564	39	0.630992	1.100000	3.800000

Table 7.85.

* Denotes Upgradient Well

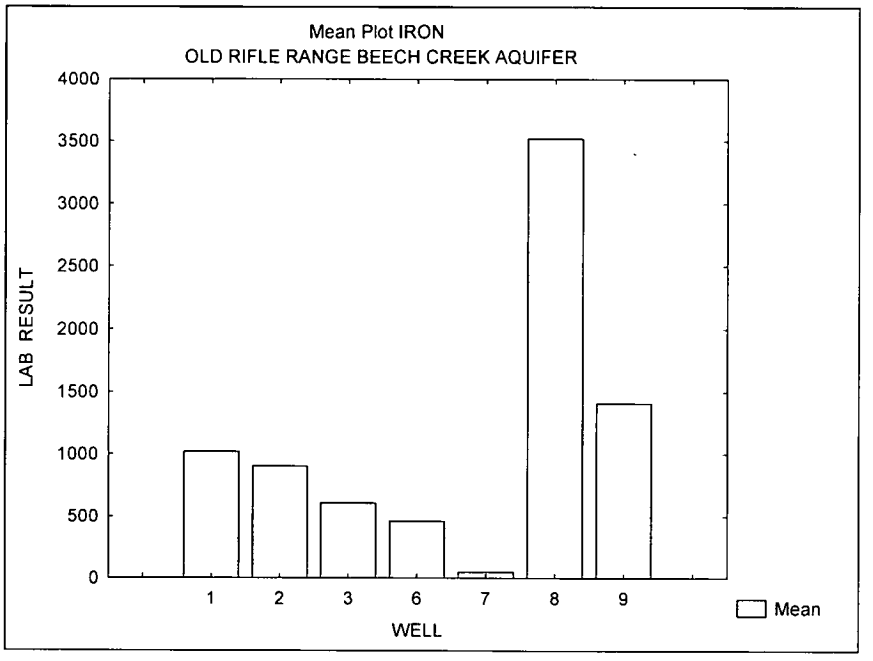


IRON (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	1020.000	1	0.000	1020.000	1020.000
2	C11	904.000	1	0.000	904.000	904.000
3	C12	609.000	1	0.000	609.000	609.000
6	C15	462.000	1	0.000	462.000	462.000
7	C16	50.000	2	0.000	50.000	50.000
8	C18	3520.000	2	0.000	3520.000	3520.000
9	C19	1410.000	1	0.000	1410.000	1410.000
	All Grps	1282.778	9	1341.928	50.000	3520.000

Table 7.86.

* Denotes Upgradient Well

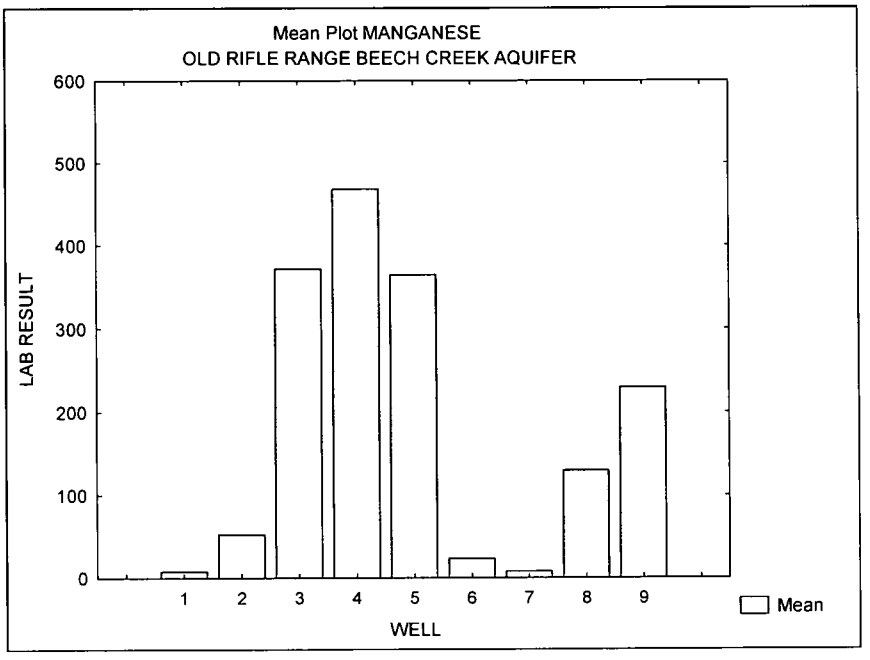


MANGANESE (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	7.5000	4	0.0000	7.5000	7.5000
2	C11	52.3250	4	22.2620	26.4000	75.0000
3	C12	372.0000	4	49.3896	307.0000	419.0000
4	C13	468.4000	5	56.2388	399.0000	552.0000
5	C14	364.6667	6	84.9745	273.0000	486.0000
6	C15	23.2000	4	6.1128	19.0000	32.1000
7	C16	7.5000	4	0.0000	7.5000	7.5000
8	C18	129.6000	5	9.6592	117.0000	144.0000
9	C19	229.5000	4	15.5885	207.0000	240.0000
	All Grps	198.6525	40	178.0879	7.5000	552.0000

Table 7.87.

* Denotes Upgradient Well

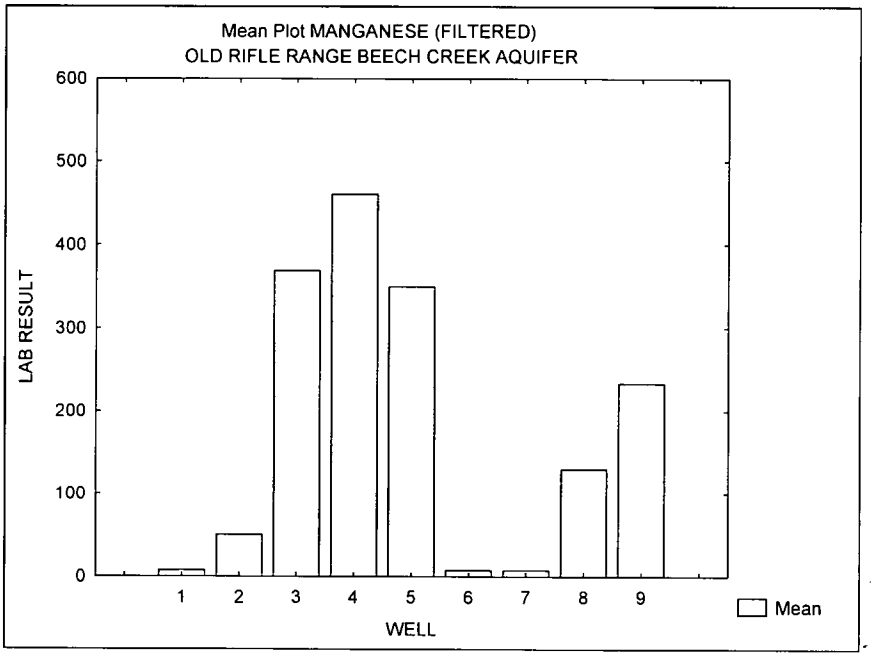


MANGANESE (FILTERED) (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	7.5000	4	0.0000	7.5000	7.5000
2	C11	50.8500	4	22.4205	23.9000	75.7000
3	C12	368.7500	4	42.3979	319.0000	411.0000
4	C13	460.6000	5	54.1138	420.0000	553.0000
5	C14	349.8333	6	65.3832	274.0000	432.0000
6	C15	7.5000	4	0.0000	7.5000	7.5000
7	C16	7.5000	4	0.0000	7.5000	7.5000
8	C18	130.2000	5	10.3779	121.0000	148.0000
9	C19	233.5000	4	16.6833	210.0000	248.0000
	All Grps	193.8850	40	174.7111	7.5000	553.0000

Table 7.88.

* Denotes Upgradient Well

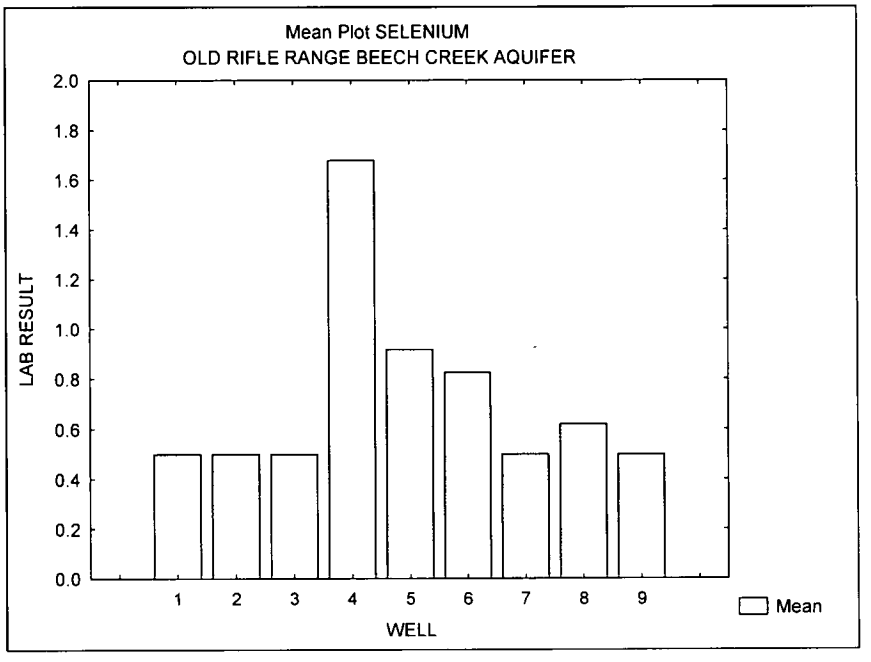


SELENIUM (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	0.500000	4	0.000000	0.500000	0.500000
2	C11	0.500000	4	0.000000	0.500000	0.500000
3	C12	0.500000	4	0.000000	0.500000	0.500000
4	C13	1.680000	5	0.277489	1.400000	2.000000
5	C14	0.916667	6	0.523132	0.500000	1.800000
6	C15	0.825000	4	0.377492	0.500000	1.200000
7	C16	0.500000	4	0.000000	0.500000	0.500000
8	C18	0.620000	5	0.268328	0.500000	1.100000
9	C19	0.500000	4	0.000000	0.500000	0.500000
	All Grps	0.757500	40	0.459592	0.500000	2.000000

Table 7.89.

* Denotes Upgradient Well

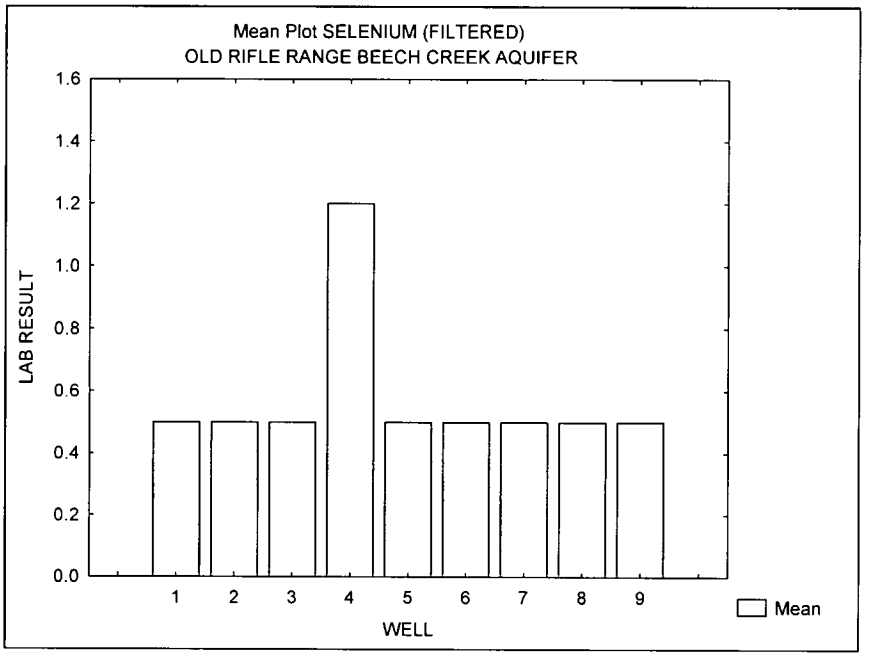


SELENIUM (FILTERED) (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	0.500000	4	0.000000	0.500000	0.500000
2	C11	0.500000	4	0.000000	0.500000	0.500000
3	C12	0.500000	4	0.000000	0.500000	0.500000
4	C13	1.200000	5	0.734847	0.500000	2.100000
5	C14	0.500000	6	0.000000	0.500000	0.500000
6	C15	0.500000	4	0.000000	0.500000	0.500000
7	C16	0.500000	4	0.000000	0.500000	0.500000
8	C18	0.500000	5	0.000000	0.500000	0.500000
9	C19	0.500000	4	0.000000	0.500000	0.500000
	All Grps	0.587500	40	0.332194	0.500000	2.100000

Table 7.90.

* Denotes Upgradient Well

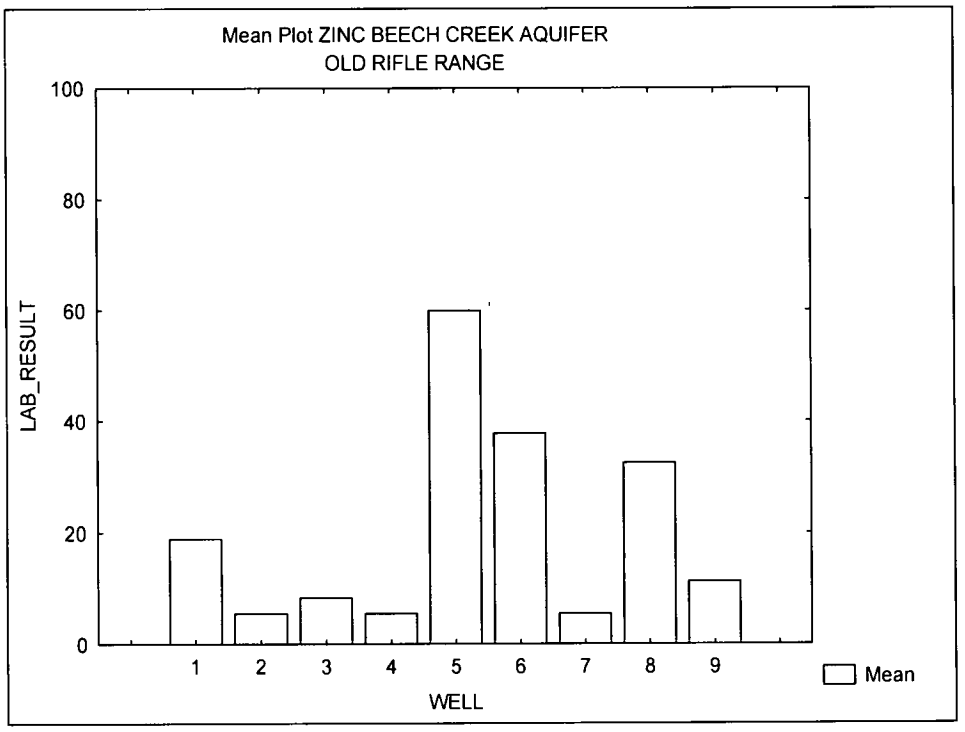


ZINC (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1 *	C08 *	18.96250	4	16.71593	5.55000	43.4000
2	C11	5.55000	4	0.00000	5.55000	5.5500
3	C12	8.51250	4	5.92500	5.55000	17.4000
4	C13	5.55000	5	0.00000	5.55000	5.5500
5	C14	59.96667	6	72.17292	23.70000	207.0000
6	C15	37.76250	4	44.85795	5.55000	104.0000
7	C16	5.55000	4	0.00000	5.55000	5.5500
8	C18	32.47000	5	39.14969	5.55000	91.5000
9	C19	11.33750	4	11.57500	5.55000	28.7000
	All Grps	22.51500	40	37.37370	5.55000	207.0000

Table 7.91.

* Denotes Upgradient Well

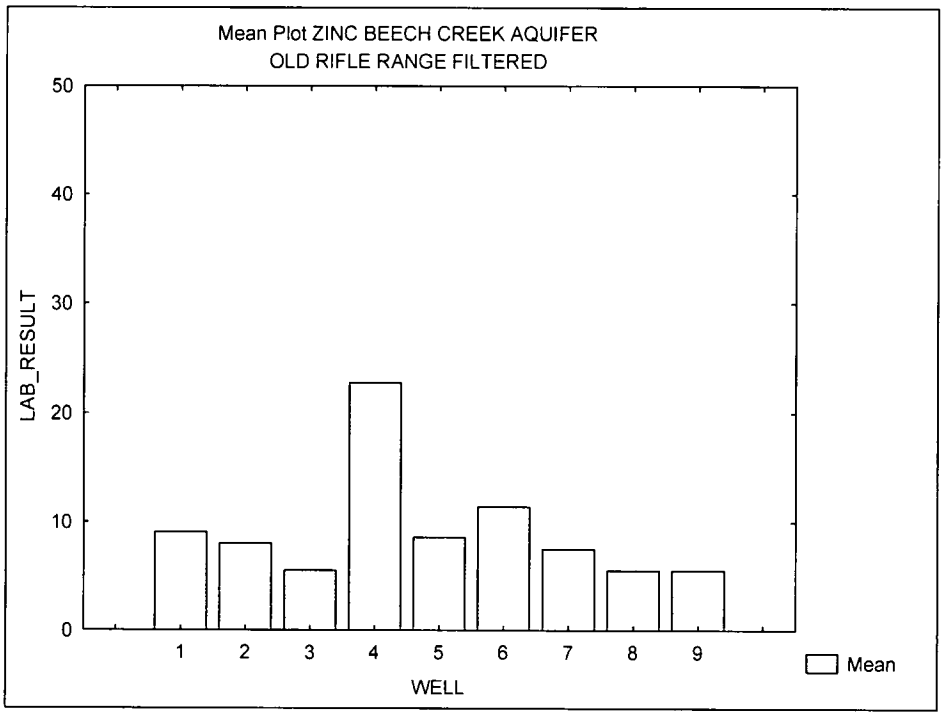


ZINC (FILTERED) (UG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1 *	C08 *	9.03750	4	6.97500	5.550000	19.50000
2	C11	8.03750	4	4.97500	5.550000	15.50000
3	C12	5.55000	4	0.00000	5.550000	5.55000
4	C13	22.76000	5	38.48273	5.550000	91.60000
5	C14	8.58333	6	5.18109	5.550000	18.10000
6	C15	11.41250	4	11.72500	5.550000	29.00000
7	C16	7.51250	4	3.92500	5.550000	13.40000
8	C18	5.55000	5	0.00000	5.550000	5.55000
9	C19	5.55000	4	0.00000	5.550000	5.55000
	All Grps	9.53625	40	14.19963	5.550000	91.60000

Table 7.92.

* Denotes Upgradient Well



MISCELLANEOUS PARAMETERS

OLD RIFLE RANGE BEECH CREEK AQUIFER

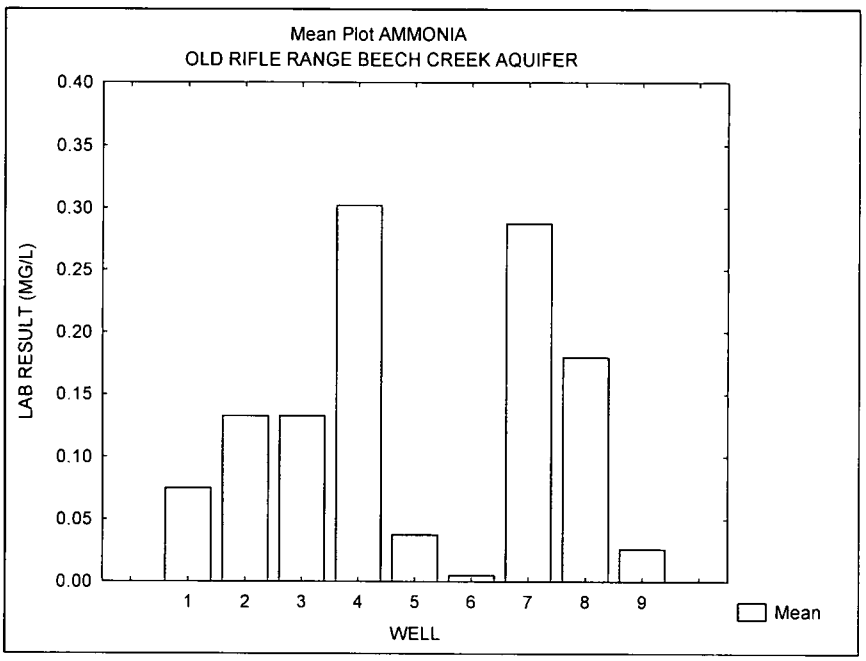
Tables 7.93 through 7.94

AMMONIA (MG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1*	C08*	0.074995	4	0.023809	0.039990	0.090000
2	C11	0.132493	4	0.045735	0.079990	0.189990
3	C12	0.132493	4	0.022175	0.109990	0.159990
4	C13	0.301994	5	0.013040	0.289990	0.319990
5	C14	0.037497	6	0.056812	0.005000	0.150000
6	C15	0.005000	4	0.000000	0.005000	0.005000
7	C16	0.287500	4	0.015000	0.270000	0.300000
8	C18	0.179992	5	0.014140	0.159990	0.189990
9	C19	0.026243	4	0.017013	0.005000	0.039990
	All Grps	0.131745	40	0.108270	0.005000	0.319990

Table 7.93.

* Denotes Upgradient Well

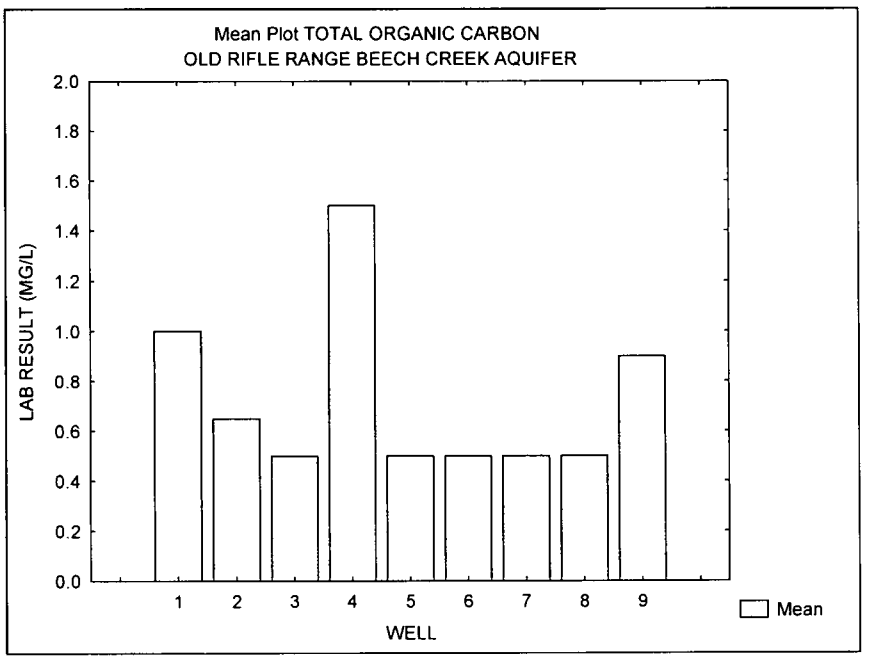


TOTAL ORGANIC CARBON (MG/L)
OLD RIFLE RANGE BEECH CREEK AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1*	C08*	1.000000	4	0.583095	0.500000	1.600000
2	C11	0.650000	4	0.300000	0.500000	1.100000
3	C12	0.500000	4	0.000000	0.500000	0.500000
4	C13	1.500000	5	0.620484	1.100000	2.600000
5	C14	0.500000	6	0.000000	0.500000	0.500000
6	C15	0.500000	4	0.000000	0.500000	0.500000
7	C16	0.500000	4	0.000000	0.500000	0.500000
8	C18	0.500000	5	0.000000	0.500000	0.500000
9	C19	0.900000	4	0.469042	0.500000	1.400000
	All Grps	0.730000	40	0.455845	0.500000	2.600000

Table 7.94.

* Denotes Upgradient Well



METALS

OLD RIFLE RANGE BIG CLIFTY AQUIFER

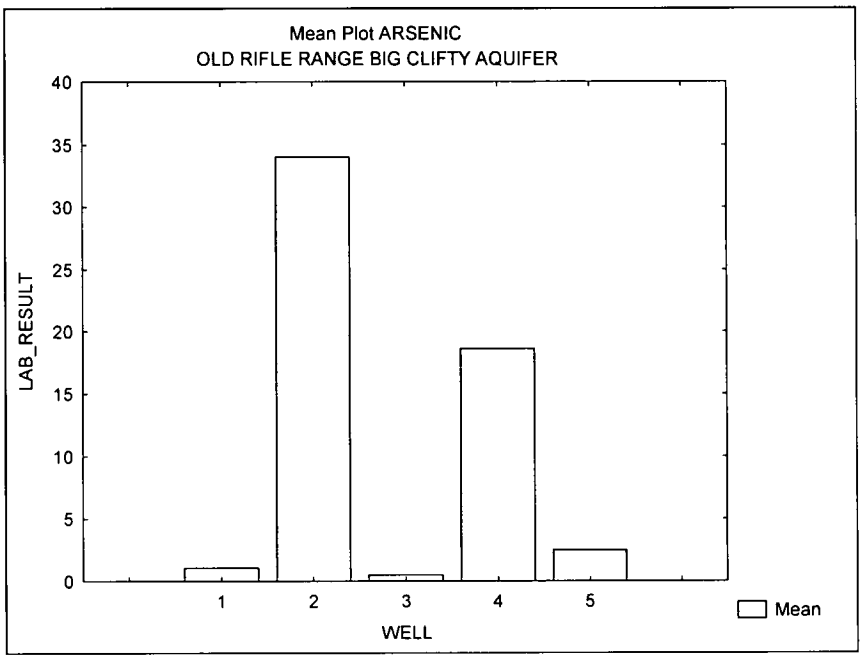
Tables 7.95 through 7.106

ARSENIC (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	C11P2	1.08000	5	0.79498	0.50000	2.00000
2	C13P2	34.05000	6	1.02323	32.70000	35.50000
3*	C14P2*	0.50000	4	0.00000	0.50000	0.50000
4	C18P2	18.60000	5	1.13578	16.70000	19.70000
5	C19P2	2.52500	4	0.32016	2.30000	3.00000
	All Grps	13.11667	24	14.14621	0.50000	35.50000

Table 7.95.

* Denotes Upgradient Well

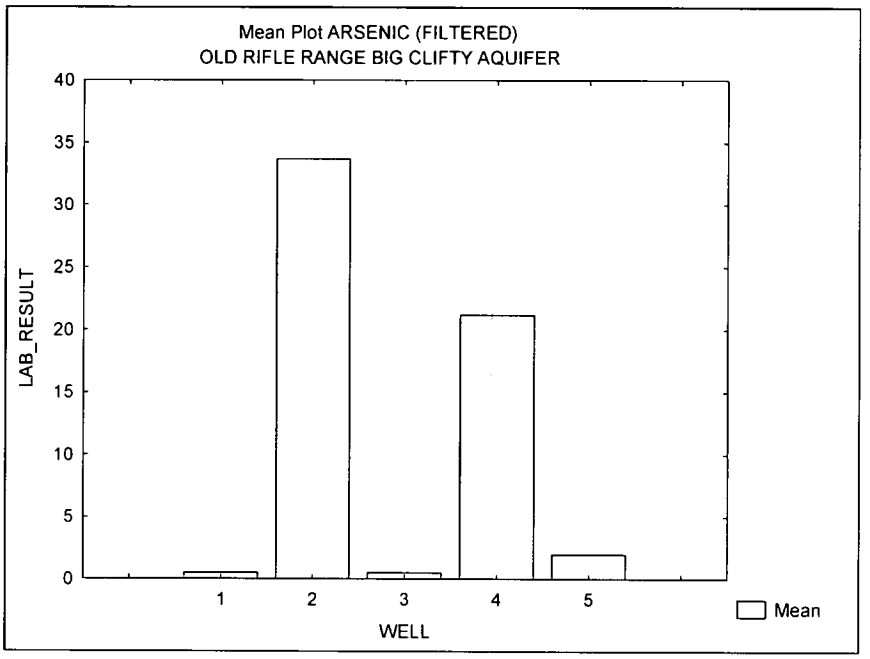


ARSENIC (FILTERED) (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	C11P2	0.50000	5	0.00000	0.50000	0.50000
2	C13P2	33.71667	6	6.19562	22.60000	39.40000
3*	C14P2*	0.50000	4	0.00000	0.50000	0.50000
4	C18P2	21.18000	5	3.24684	16.60000	24.30000
5	C19P2	1.97500	4	0.61847	1.10000	2.50000
	All Grps	13.35833	24	14.79462	0.50000	39.40000

Table 7.96.

* Denotes Upgradient Well

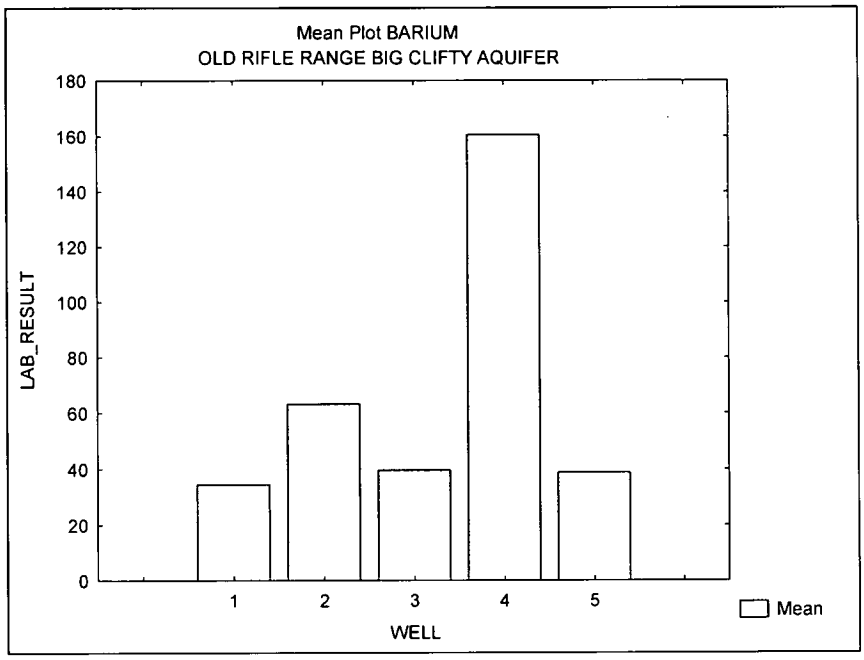


BARIUM (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	C11P2	34.5800	5	3.41277	29.3000	38.4000
2	C13P2	63.2667	6	2.48328	61.3000	68.1000
3*	C14P2*	39.7250	4	1.95853	38.2000	42.6000
4	C18P2	160.6000	5	10.47855	150.0000	178.0000
5	C19P2	38.8250	4	2.11877	35.9000	40.9000
	All Grps	69.5708	24	49.20132	29.3000	178.0000

Table 7.97.

* Denotes Upgradient Well

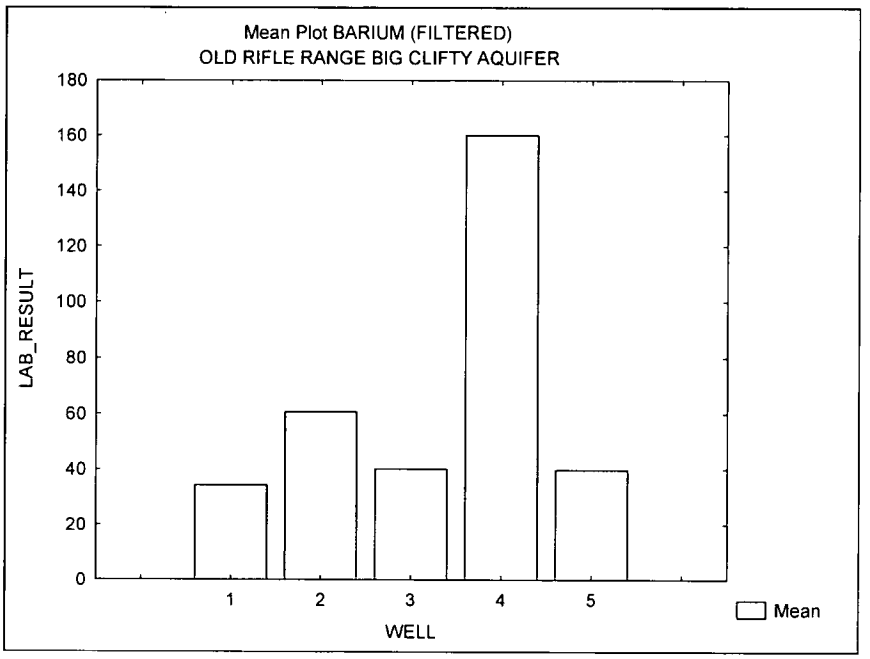


BARIUM (FILTERED) (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	C11P2	34.3400	5	2.58322	29.9000	36.4000
2	C13P2	60.7500	6	4.67964	54.1000	68.7000
3*	C14P2*	40.2000	4	2.56255	38.4000	44.0000
4	C18P2	160.2000	5	8.40833	147.0000	168.0000
5	C19P2	39.8250	4	4.29214	35.9000	45.5000
	All Grps	69.0542	24	48.99801	29.9000	168.0000

Table 7.98.

* Denotes Upgradient Well

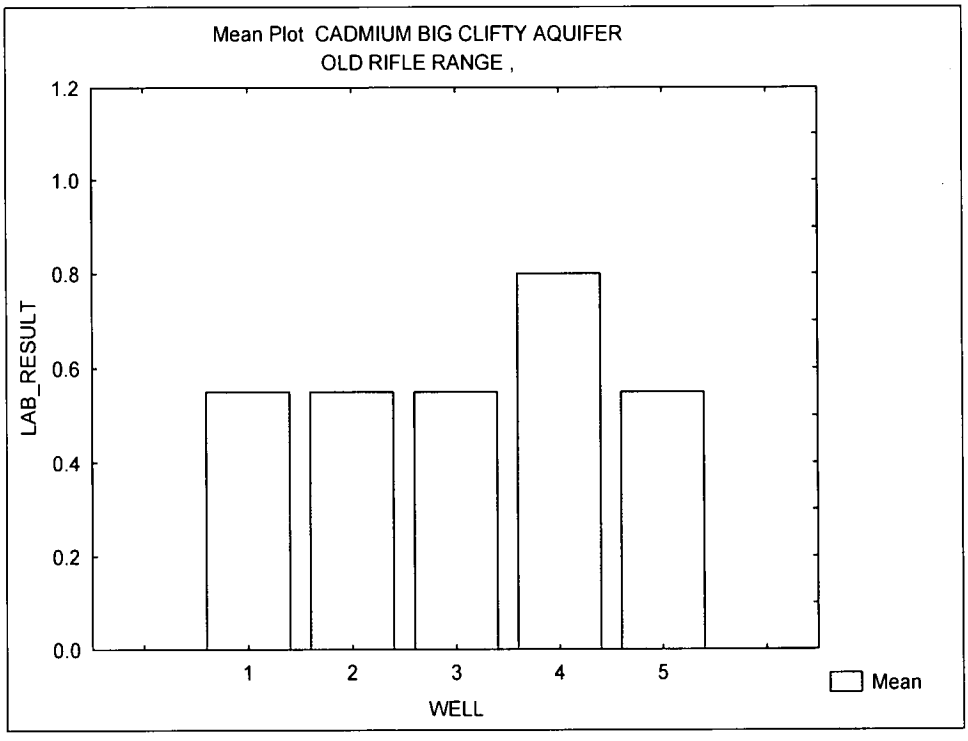


CADMIUM (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	C11P2	0.550000	5	0.000000	0.550000	0.550000
2	C13P2	0.550000	6	0.000000	0.550000	0.550000
3 *	C14P2 *	0.550000	4	0.000000	0.550000	0.550000
4	C18P2	0.850000	5	0.434454	0.550000	1.500000
5	C19P2	0.550000	4	0.000000	0.550000	0.550000
	All Grps	0.612500	24	0.219807	0.550000	1.500000

Table 7.99.

* Denotes Upgradient Well

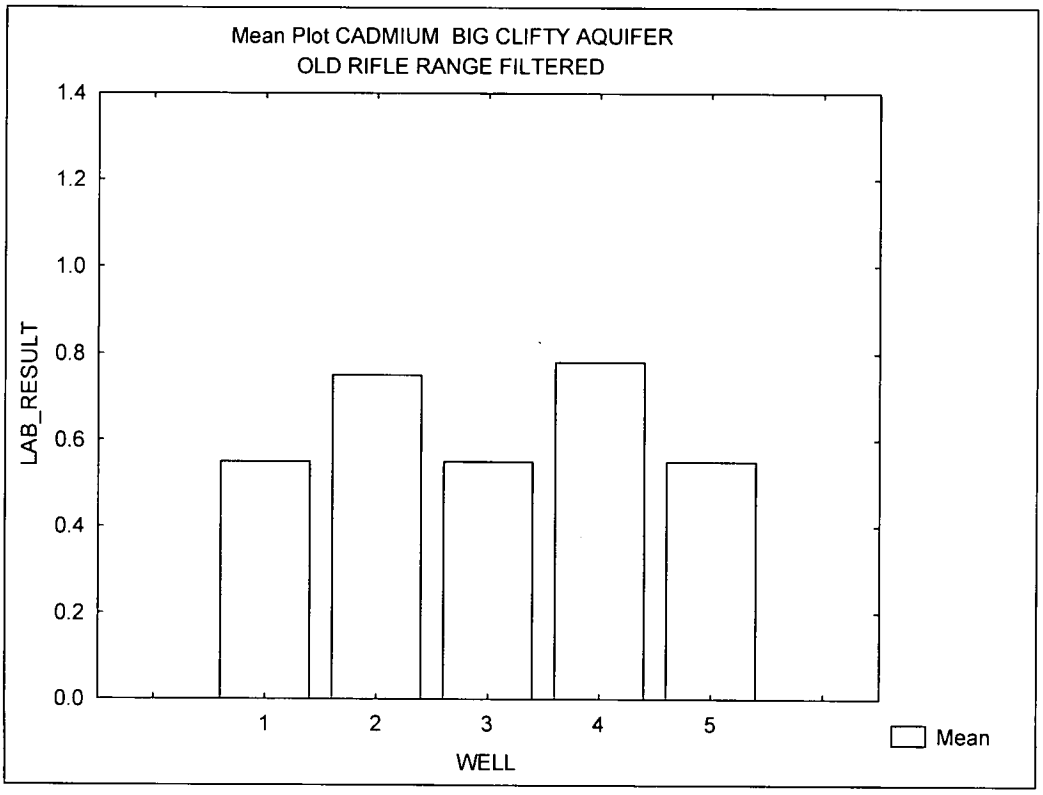


CADMIUM (FILTERED) (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	C11P2	0.550000	5	0.000000	0.550000	0.550000
2	C13P2	0.750000	6	0.311448	0.550000	1.200000
3 *	C14P2 *	0.550000	4	0.000000	0.550000	0.550000
4	C18P2	0.780000	5	0.514296	0.550000	1.700000
5	C19P2	0.550000	4	0.000000	0.550000	0.550000
	All Grps	0.647917	24	0.281100	0.550000	1.700000

Table 7.100.

* Denotes Upgradient Well

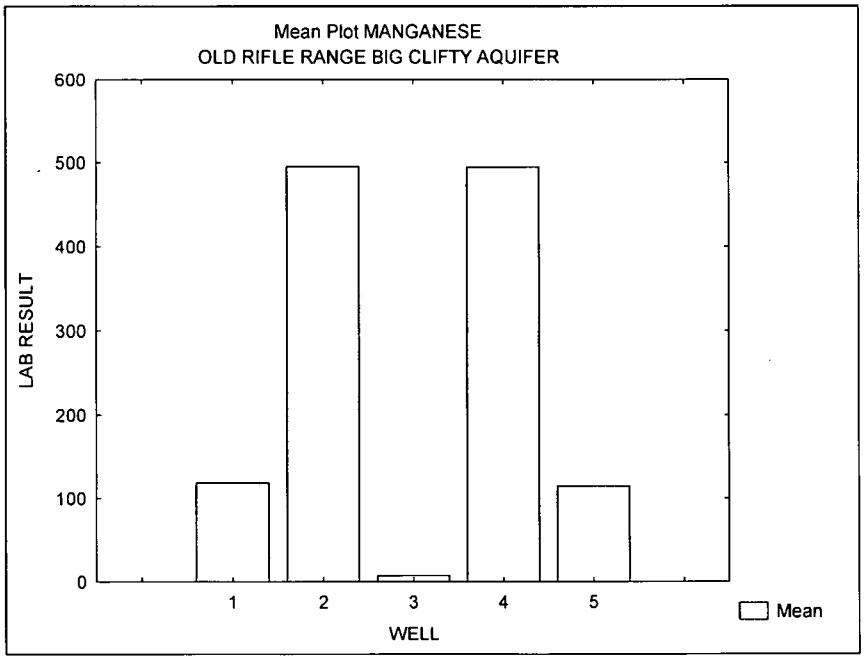


MANGANESE (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	C11P2	118.2600	5	31.0119	91.0000	153.0000
2	C13P2	495.6667	6	50.9182	437.0000	559.0000
3*	C14P2*	7.5000	4	0.0000	7.5000	7.5000
4	C18P2	494.6000	5	82.1024	427.0000	608.0000
5	C19P2	114.5000	4	5.1962	109.0000	121.0000
	All Grps	271.9292	24	217.5970	7.5000	608.0000

Table 7.101.

* Denotes Upgradient Well

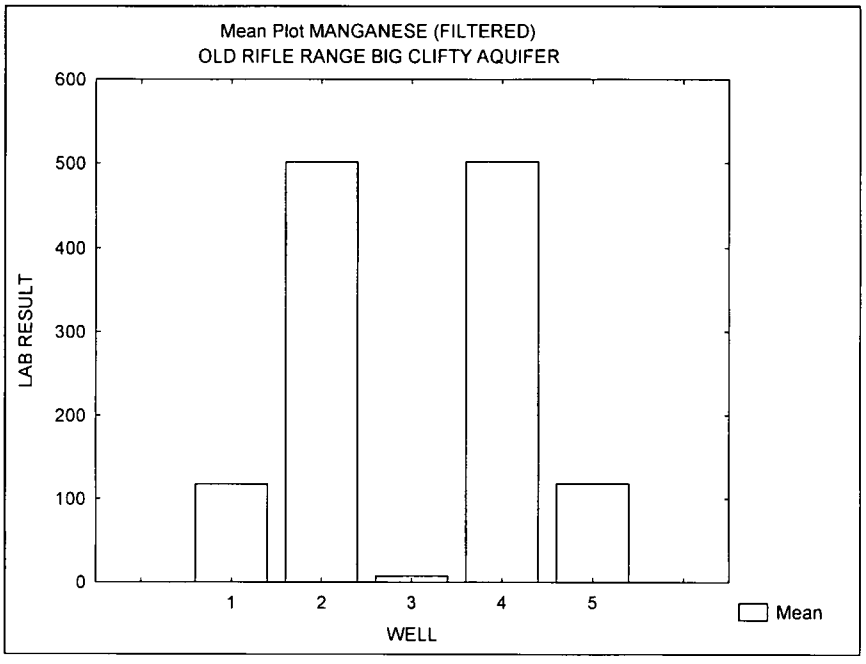


MANGANESE (FILTERED) (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	C11P2	117.6400	5	33.3987	88.3000	155.0000
2	C13P2	501.5000	6	42.8567	467.0000	557.0000
3*	C14P2*	7.5000	4	0.0000	7.5000	7.5000
4	C18P2	502.0000	5	76.2004	428.0000	607.0000
5	C19P2	118.5000	4	7.8528	112.0000	129.0000
	All Grps	275.4667	24	219.7345	7.5000	607.0000

Table 7.102.

* Denotes Upgradient Well

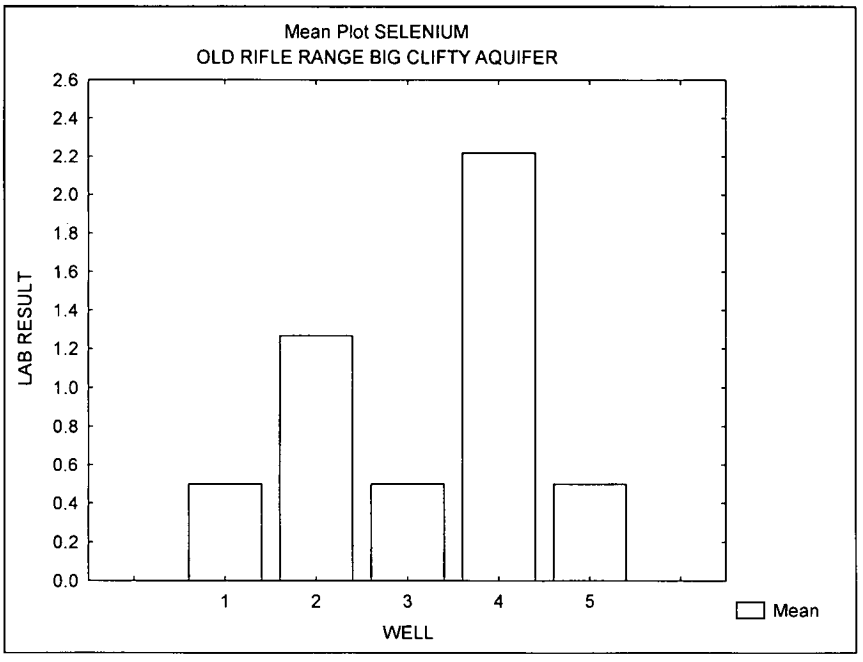


SELENIUM (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	C11P2	0.500000	5	0.000000	0.500000	0.500000
2	C13P2	1.266667	6	0.688961	0.500000	2.200000
3*	C14P2*	0.500000	4	0.000000	0.500000	0.500000
4	C18P2	2.220000	5	0.653452	1.300000	2.900000
5	C19P2	0.500000	4	0.000000	0.500000	0.500000
	All Grps	1.050000	24	0.811333	0.500000	2.900000

Table 7.103.

* Denotes Upgradient Well

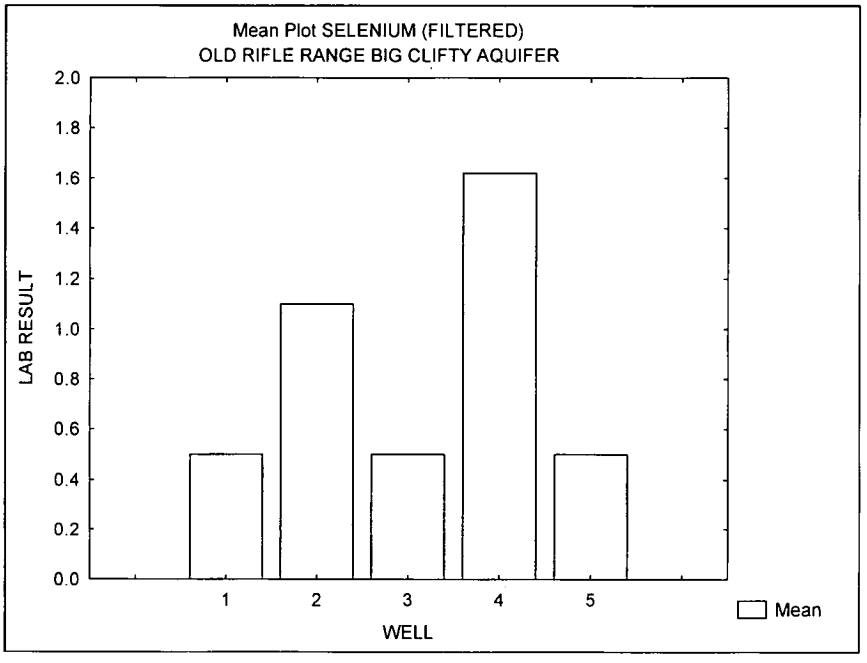


SELENIUM (FILTERED) (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	C11P2	0.500000	5	0.000000	0.500000	0.500000
2	C13P2	1.100000	6	0.948683	0.500000	2.600000
3*	C14P2*	0.500000	4	0.000000	0.500000	0.500000
4	C18P2	1.620000	5	0.486826	1.100000	2.400000
5	C19P2	0.500000	4	0.000000	0.500000	0.500000
	All Grps	0.883333	24	0.670928	0.500000	2.600000

Table 7.104.

* Denotes Upgradient Well

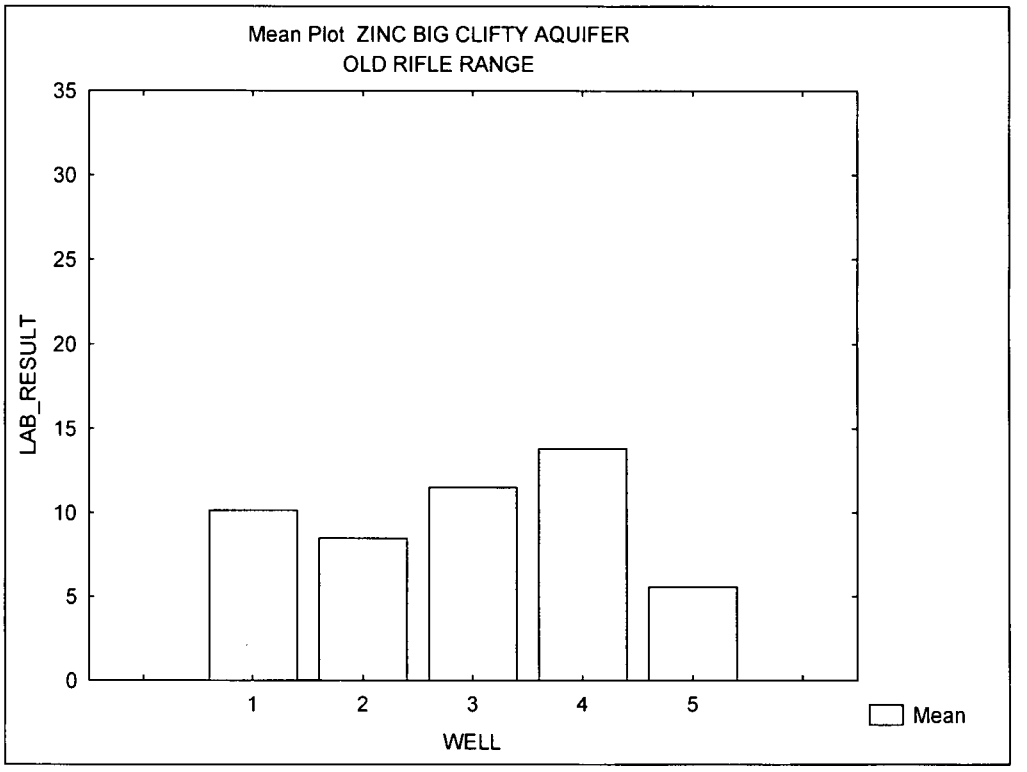


ZINC (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	C11P2	10.12000	5	10.21883	5.550000	28.40000
2	C13P2	8.45833	6	7.12393	5.550000	23.00000
3 *	C14P2 *	11.50000	4	8.14156	5.550000	22.80000
4	C18P2	13.82000	5	18.49228	5.550000	46.90000
5	C19P2	5.55000	4	0.00000	5.550000	5.55000
	All Grps	9.94375	24	10.24396	5.550000	46.90000

Table 7.105.

* Denotes Upgradient Well

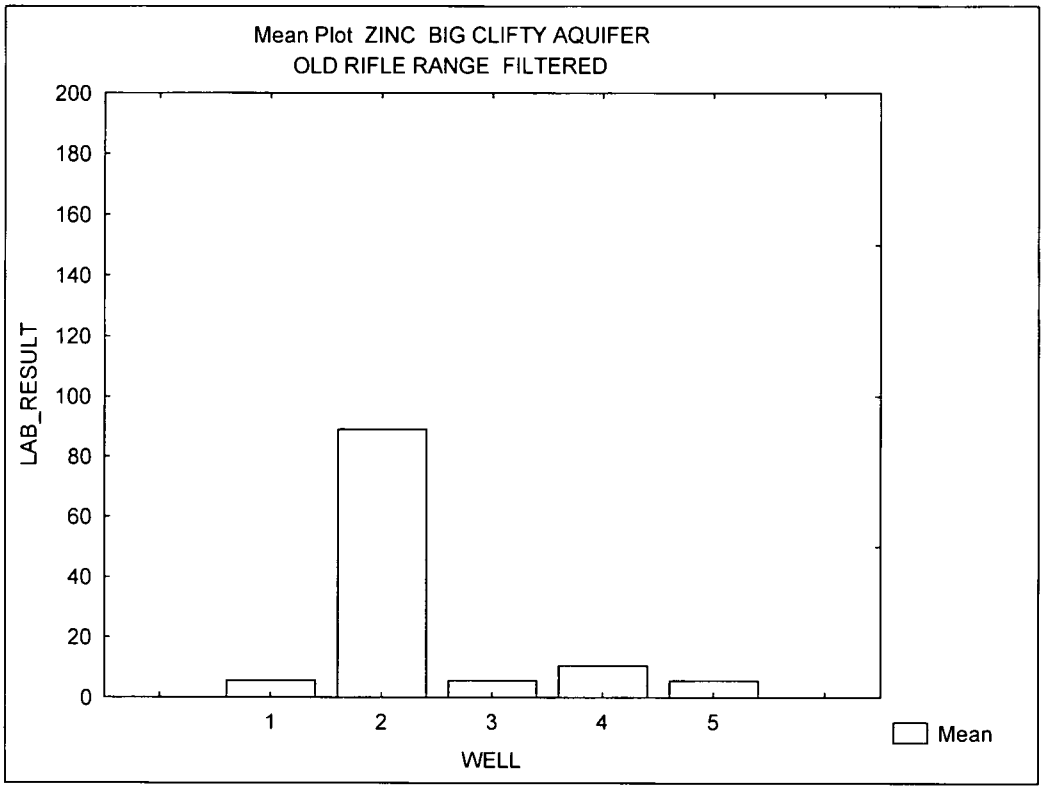


ZINC (FILTERED) (UG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	C11P2	5.55000	5	0.0000	5.550000	5.5500
2	C13P2	89.03333	6	141.5596	5.550000	347.0000
3 *	C14P2 *	5.55000	4	0.0000	5.550000	5.5500
4	C18P2	10.62000	5	11.3369	5.550000	30.9000
5	C19P2	5.55000	4	0.0000	5.550000	5.5500
	All Grps	27.47708	24	75.5029	5.550000	347.0000

Table 7.106.

* Denotes Upgradient Well



MISCELLANEOUS PARAMETERS

OLD RIFLE RANGE BIG CLIFTY AQUIFER

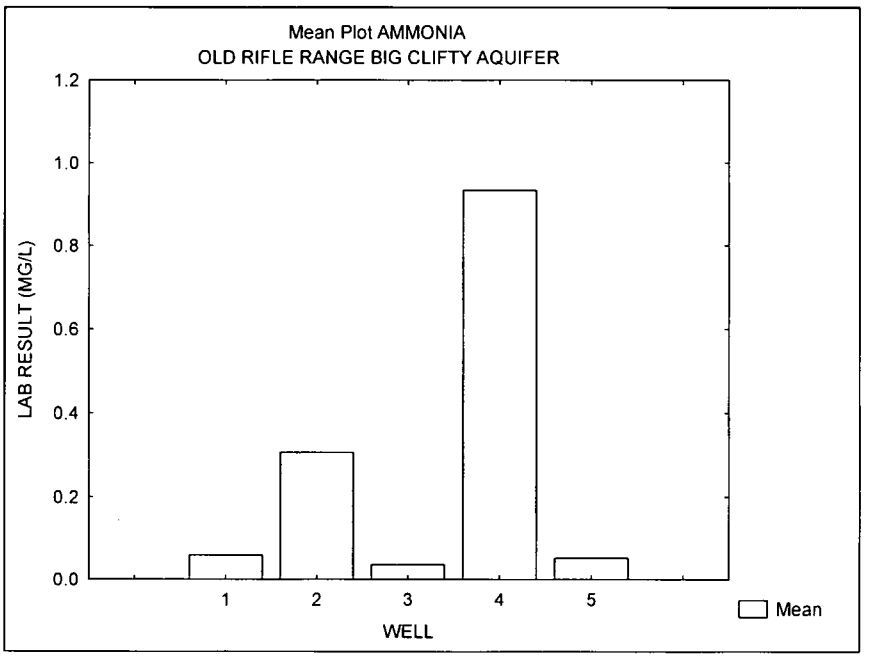
Tables 7.107 through 7.109

AMMONIA (MG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD. DEV.	MINIMUM	MAXIMUM
1	C11P2	0.058996	5	0.055047	0.005000	0.150000
2	C13P2	0.306667	6	0.019664	0.280000	0.340000
3*	C14P2*	0.036248	4	0.062495	0.005000	0.129990
4	C18P2	0.933998	5	0.078298	0.829990	1.000000
5	C19P2	0.052493	4	0.009573	0.039990	0.059990
	All Grps	0.298330	24	0.353507	0.005000	1.000000

Table 7.107.

* Denotes Upgradient Well

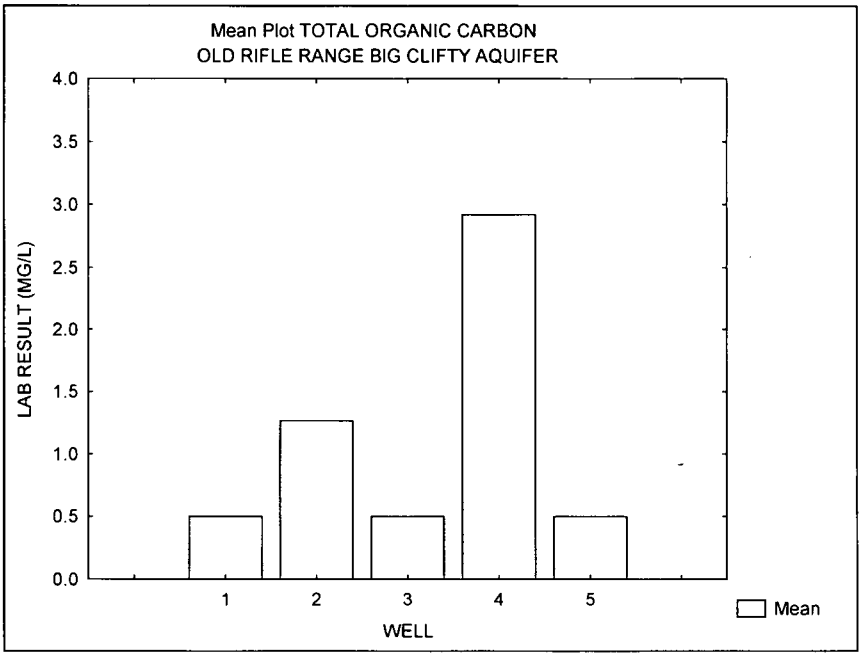


TOTAL ORGANIC CARBON (MG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	C11P2	0.500000	5	0.000000	0.500000	0.500000
2	C13P2	1.266667	6	0.121106	1.100000	1.400000
3*	C14P2*	0.500000	4	0.000000	0.500000	0.500000
4	C18P2	2.920000	5	0.852643	2.300000	4.400000
5	C19P2	0.500000	4	0.000000	0.500000	0.500000
	All Grps	1.195833	24	1.025110	0.500000	4.400000

Table 7.108.

* Denotes Upgradient Well

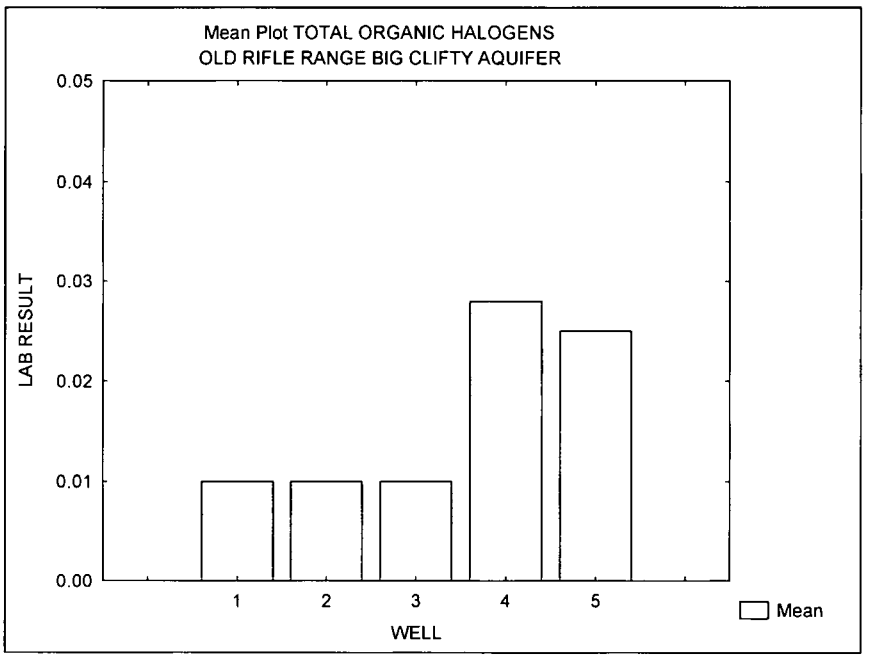


TOTAL ORGANIC HALOGENS (MG/L)
OLD RIFLE RANGE BIG CLIFTY AQUIFER

WELL NO	WELL	MEANS	N	STD.DEV.	MINIMUM	MAXIMUM
1	C11P2	0.010000	5	0.000000	0.010000	0.010000
2	C13P2	0.010000	6	0.000000	0.010000	0.010000
3*	C14P2*	0.010000	4	0.000000	0.010000	0.010000
4	C18P2	0.027998	5	0.026832	0.010000	0.070000
5	C19P2	0.025000	4	0.030000	0.010000	0.070000
	All Grps	0.016250	24	0.017646	0.010000	0.070000

Table 7.109.

* Denotes Upgradient Well



The following tables show which downgradient wells are significantly different from the upgradient wells for each parameter. The well number and the mean amount detected are listed. If the upgradient well had no detections, it is listed, but indicated by ** that there were no detections. Downgradient wells that had no detections are not listed. Table 7.110 shows the Ammunition Burning Grounds, Table 7.111 shows the Old Rifle Range, Beech Creek Aquifer, and Table 7.112 shows the Old Rifle Range, Big Clifty Aquifer. Well C17 is the upgradient well for the Ammunition Burning Grounds, well C14P2 is the upgradient well for the Old Rifle Range, Big Clifty Aquifer, and well C08 is the upgradient well for the Old Rifle Range, Beech Creek Aquifer. The main interest is the wells that are significantly higher than the upgradient wells, but for added information the wells that are significantly lower, or not significantly different, are included. These differences are at the .05 level of significance based on all of the tests that were run.

Ammunition Burning Grounds.

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
EXPLOSIVES						
1,3,5-Trinitrobenzene (UG/L)	C20	9.575	C17*	.5**		
	C09P2	1.650				
HMX (UG/L)	C12	35.4	C17*	1.0**		
	C08P2	32.5	C09P2	4.6		
	C20	32.2	CRB	4.6		
	C02P2	21.9	SPC	1.3		
	C10	9.3				
	CRA	7.1				
	C11	7.4				
	C07	7.2				
	SPA	6.4				
4-Amino-2,6-Dinitrotoluene (UG/L)	C20	16.25	C17*	.80**		
	C08P2	4.00				
2-Amino-4,6-Dinitrotoluene (UG/L)	C20	12.250	C17*	.45**		
	C08P2	2.675				
RDX (UG/L)	C20	192.50	C17*	.305**		
	C09P2	168.30	SPC	2.96		
	C10	124.00	C26	.53		
	C08P2	91.00				
	C11	31.75				
	C07	27.50				
	C12	16.60				
	CRA	13.80				
	C02P2	10.30				
	SPA	7.60				
	CRB	7.07				
METALS						
Antimony (Filtered) (UG/L)			C17*	.500**		
			C04	.825		
			C27	.725		
			CRA	.680		
			C08P2	.675		
			CRB	.650		
			SPC	.614		
Arsenic (UG/L)	B02	9.75	C17*	2.08		
	B04	7.15				
Arsenic (Filtered) (UG/L)	B02	10.125	C17*	2.25		
	B04	6.875				

Table 7.110.

Ammunition Burning Grounds. (Continued)

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
Barium (UG/L)	C02P2	100.78	C17*	13.45		
	B04	98.78	C27	36.08		
	CRA	97.18	C20	33.45		
	C12	94.24	C07	33.22		
	B02	92.10	C04	31.22		
	CRB	90.90	C15	24.08		
	SPA	78.64	C11	23.65		
	C30	60.18	C25	17.88		
	C08P2	56.08	C09P2	14.88		
	SPC	53.49				
	C10	48.50				
	C26	46.05				
	C03	44.40				
Barium (Filtered) (UG/L)	C12	105.40	C17*	12.38		
	CRA	100.10	C27	35.95		
	C02P2	98.60	C20	33.68		
	B04	94.72	C07	32.45		
	CRB	89.05	C15	24.22		
	B02	87.32	C04	23.12		
	SPA	77.34	C11	23.12		
	C08P2	60.52	C25	16.58		
	C30	52.58	C09P2	14.10		
	SPC	51.51				
	C10	47.92				
	C03	43.10				
	C26	40.48				
Cadmium (Filtered) (UG/L)	CRB	1.00	C17*	.55**		
			CRA	.66		
Calcium (Filtered) (UG/L)	C11	203667	C17*	178333	C04	131333
					C08P2	110933
					C25	96667
					C15	95867
					C12	91725
					C26	90867
					C10	88425
					C07	88100
					C02P2	84900
					C20	82967
					C09P2	69725
					C30	61500
					C27	52433
					B02	39900
					CRA	37675
					CRB	32450
					SPA	25425
					B04	21200
					C03	1123

Table 7.110. (Continued)

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
Chromium (UG/L)			C17*	4.70		
			C08P2	5.52		
			C11	5.00		
			C26	4.50		
			C04	4.35		
			C10	4.22		
			C02P2	3.62		
			C07	3.50		
			C03	3.40		
			C15	3.38		
			C20	3.15		
			C12	3.02		
Copper (UG/L)	C04	2.22	C17*	1.10**		
	C03	1.78				
Copper (Filtered) (UG/L)	C03	2.40	C17*	1.10**		
			C04	1.42		
Iron (UG/L)	B02	13475	C17*	1700	C15	423
	B04	7722			C11	301
					C12	273
					C25	272
					C02P2	228
					C04	211
					CRB	210
					SPA	149
					SPC	133
					C10	129
					CRA	93
					C30	91
Magnesium (Filtered) (UG/L)	C04	181333	C17*	174333	C11	108800
					C25	56700
					C26	48467
					C07	43400
					C15	43367
					C08P2	37367
					C30	32567
					C20	29467
					C02P2	14833
					C09P2	14000
					C10	11625
					C12	8125
					CRA	7512
					CRB	6780
					SPA	6122
					B02	5840
					SPC	5292
					B04	3590
					C27	3137

Table 7.110. (Continued)

Ammunition Burning Grounds. (Continued)

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
Manganese (UG/L)	B04	1748	C17*	108		
	B02	1348	C08P2	67		
	C04	221	C15	35		
			C25	24		
			C26	21		
			CRB	21		
			C09P2	20		
			C30	18		
			C12	14		
Manganese (Filtered) (UG/L)	B04	1640	C17*	101	C15	34
	B02	1275			C26	25
	C04	180			C30	24
					C25	23
					CRB	20
Potassium (Filtered) (UG/L)	C08P2	9533	C17*	2787	C09P2	1202
			C11	3473	SPC	1127
			C02P2	3313	C27	897
			C07	3270	B02	863
			SPA	3265	C03	677
			C04	2910		
			CRA	2860		
			CRB	2745		
			C25	2447		
			C30	2260		
			C12	2175		
			C20	1843		
			C26	1817		
			C15	1813		
Selenium (UG/L)	C11	4.68	C17*	1.62		
			C10	2.62		
			C07	2.12		
			C09P2	1.82		
			C30	1.70		
			C02P2	1.65		
			C08P2	1.62		
			C04	1.58		
			C12	1.54		
			C15	1.20		
			C26	1.15		
			C20	.90		
			C27	.80		
			B04	.65		
			CRA	.62		
Selenium (Filtered) (UG/L)	C11	2.92	C17*	1.42	C08P2	.70
	C04	1.85	C10	1.44	C12	.64
			C07	1.38	C27	.62
			C09P2	1.23		
			C02P2	1.22		

Table 7.110. (Continued)

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
Sodium (Filtered) (UG/L)	C03	217667	C17*	104333	C11	82067
					C30	62833
					C25	62167
					C04	53600
					C02P2	32867
					C15	25600
					C07	21867
					C12	17300
					C26	15567
					C08P2	13267
					C20	11833
					B02	8087
					C10	6892
					B04	5853
					C27	5490
					C09P2	4305
					CRA	4165
					CRB	3572
					SPA	3495
					SPC	3102
Zinc (UG/L) (UG/L)			C17*	10.85		
			C27	22.52		
			C11	21.42		
			B02	18.78		
			C04	18.71		
			SPC	16.82		
			CRB	15.88		
			SPA	15.46		
			C09P2	15.12		
			C20	14.11		
			C26	13.61		
			C03	9.56		
			C08P2	8.76		
			B04	7.94		
			C12	7.78		
			C07	7.61		
			C10	7.32		
Zinc (Filtered) (UG/L)	C15	75.66	C17*	5.55**		
	C07	62.16	C20	18.59		
	SPA	61.84	B02	16.94		
	C09P2	35.12	C30	16.46		
	C03	29.91	B04	10.96		
	CRB	23.46	SPC	10.15		
			CRA	9.70		
			C04	8.42		
			C08P2	8.24		
			C11	6.96		

Table 7.110. (Continued)

Ammunition Burning Grounds. (Continued)

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
VOLATILE ORGANIC COMPOUNDS						
1,2-Dichloroethane (UG/L)	C10	26.0	C17*	.25**		
	C09P2	9.0				
Carbon Tetrachloride (UG/L)	C10	1.26	C17*	.15**		
	C09P2	.60				
Chloroform (UG/L)	C11	2.35	C17*	.15**		
	C10	2.18				
	C20	.90				
	C09P2	.70				
cis-1,2-Dichloroethene (UG/L)	C20	78.00	C17*	.25**		
	C08P2	17.25	C12	.66		
	C11	8.05	C02P2	.31		
trans-1,2-Dichloroethene (UG/L)	C20	7.95	C17*	.25**		
			C08P2	.49		
Trichloroethene (UG/L)	C20	3650	C17*	.25**		
	C11	2325	C09P2	121.67		
			C08P2	68.25		
			C10	66.40		
			C12	21.20		
			C26	9.45		
			C02P2	8.78		
			C07	4.48		
			C27	4.05		
MISCELLANEOUS PARAMETERS						
Chloride (MG/L)	C02P2	62.2	C17*	3.2		
	C11	53.8	C08P2	11.8		
	C12	51.4	C10	9.1		
			C07	8.3		
			C20	5.9		
			C04	5.6		
			C09P2	4.9		
			C15	4.4		
			C26	3.8		
			CRA	3.6		
			B02	3.2		
			SPC	3.1		
			C27	3.0		
			SPA	3.0		
			CRB	2.7		
			C30	2.0		
			C25	1.9		
			C03	1.7		
			B04	1.2		

Table 7.110. (Continued)

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
Total Phosphorus (MG/L)	C03	.230	C17*	.080		
			C30	.150		
			C25	.125		
			C12	.108		
			SPA	.102		
			CRB	.087		
			C02P2	.080		
			C04	.077		
			B02	.067		
			C20	.067		
			C09P2	.067		
			CRA	.062		
Total Dissolved Phosphorus (Filtered) (MG/L)	C12	.218	C17*	.067		
			C20	.107		
			C11	.095		
			C02P2	.078		
			C26	.075		
			C09P2	.072		
			SPC	.067		
			SPA	.064		
			CRA	.062		
			CRB	.060		
Sulfate (MG/L)			C17*	980.0	C25	242.5
			C11	767.5	C15	187.5
			C04	637.5	C08P2	137.5
					C30	127.5
					C20	120.0
					C26	112.5
					C07	102.5
					C03	83.3
					C10	61.2
					C12	60.4
					C02P2	57.0
					C09P2	53.8
					CRA	31.6
					SPA	31.0
					B02	26.5
					SPC	25.6
					CRB	22.9
					B04	17.8
					C27	10.5

Table 7.110. (Continued)

Ammunition Burning Grounds. (Continued)

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
Total Organic Carbon (MG/L)	CRB	1.48	C17*	.72		
			SPA	1.24		
			SPC	1.23		
			C20	1.10		
			C11	1.02		
			CRA	.90		
			C26	.80		
			C09P2	.80		
			B02	.78		
			B04	.75		
			C30	.75		
			C07	.72		
			C12	.72		
			C08P2	.70		
			C10	.66		
			C02P2	.65		
			C03	.65		
Total Organic Halogens (MG/L)	C11	1.015	C17*	.010**		
	C20	.977	C09P2	.105		
			C08P2	.050		
			C10	.048		
			C12	.034		
			C15	.022		
			CRA	.018		
			C25	.017		
			CRB	.013		

Table 7.110. (Continued)

*C17 is the upgradient well
**No detections

Old Rifle Range
Beech Creek Aquifer

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
EXPLOSIVES						
2,4,6-Trinitrotoluene (UG/L)	C15	6.925	C08*	.80**		
4-Amino-2,6-Dinitrotoluene (UG/L)	C15	4.175	C08*	.80**		
2-Amino-4,6-Dinitrotoluene (UG/L)	C15	3.55	C08*	.45**		
METALS						
Antimony (Filtered) (UG/L)			C08*	1.20	C14	.60
			C11	.95		
			C19	.85		
			C12	.75		
			C13	.68		
Arsenic (UG/L)	C13	31.64	C08*	1.57		
			C18	2.12		
			C11	1.22		
			C19	1.15		
			C14	.80		
Arsenic (Filtered) (UG/L)	C13	27.30	C08*	1.82		
			C18	2.10		
			C19	1.52		
			C11	.95		
Barium (UG/L)	C16	114.5	C08*	51.6	C19	42.1
	C18	109.2	C11	58.7	C12	39.5
	C13	63.7			C15	29.6
					C14	28.4
Barium (Filtered) (UG/L)	C18	109.6	C08*	36.4	C15	28.7
	C16	109.5	C19	41.8	C14	26.2
	C13	60.6	C12	40.2		
	C11	54.6				
Cadmium (Filtered) (UG/L)			C08*	.712		
			C13	.810		
			C12	.712		
Copper (UG/L)			C08*	2.20		
			C11	1.78		
			C16	1.58		
Copper (Filtered) (UG/L)			C08*	2.08		
			C11	1.60		
			C16	1.60		

Table 7.111.

Old Rifle Range
Beech Creek Aquifer (Continued)

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
Iron (UG/L)	C18	3520	C08*	1020	C15	462
			C19	1410		
			C11	904		
			C12	609		
Manganese (UG/L)	C13	468.4	C08*	7.5**		
	C12	372.0	C11	52.3		
	C14	364.7	C15	23.2		
	C19	229.5				
	C18	129.6				
Manganese (Filtered) (UG/L)	C13	460.6	C08*	7.5**		
	C12	368.8	C11	50.8		
	C14	349.8				
	C19	233.5				
	C18	130.2				
Selenium (UG/L)	C13	1.68	C08*	.50**		
	C14	.92	C15	.82		
			C18	.62		
Selenium (Filtered) (UG/L)	C13	1.20	C08*	.50**		
Zinc (UG/L)	C14	59.97	C08*	18.96		
	C15	37.76	C19	11.34		
	C18	32.47	C12	8.51		
Zinc (Filtered) (UG/L)	C13	22.76	C08*	9.04		
			C15	11.41		
			C14	8.58		
			C11	8.04		
			C16	7.51		
MISCELLANEOUS PARAMETERS						
Ammonia (MG/L)	C13	.302	C08*	.075		
	C16	.288	C14	.037		
	C18	.180	C19	.026		
	C11	.132				
	C12	.132				
Total Organic Carbon (MG/L)	C13	1.50	C08*	1.00		
			C19	.90		
			C11	.65		

Table 7.111. (Continued)

*C08 is the upgradient well
**No detections

Old Rifle Range
Big Clifty Aquifer

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
METALS						
Arsenic (UG/L)	C13P2	34.05	C14P2*	.50**		
	C18P2	18.60	C11P2	1.08		
	C19P2	2.52				
Arsenic (Filtered) (UG/L)	C13P2	33.72	C14P2*	.50**		
	C18P2	21.18	C19P2	1.98		
Barium (UG/L)	C18P2	160.6	C14P2*	39.7		
	C13P2	63.3	C19P2	38.8		
			C11P2	34.6		
Barium (Filtered) (UG/L)	C18P2	160.2	C14P2*	40.2		
	C13P2	60.8	C19P2	39.8		
			C11P2	34.3		
Cadmium (UG/L)	C18P2	.850	C14P2*	.550**		
Cadmium (Filtered) (UG/L)			C14P2*	.550**		
			C18P2	.780		
			C13P2	.750		
Manganese (UG/L)	C13P2	495.7	C14P2*	7.5**		
	C18P2	494.6				
	C11P2	118.3				
	C19P2	114.5				
Manganese (Filtered) (UG/L)	C18P2	502.0	C14P2*	7.5**		
	C13P2	501.5				
	C19P2	118.5				
	C11P2	117.6				
Selenium (UG/L)	C18P2	2.22	C14P2*	.50**		
	C13P2	1.27				
Selenium (Filtered) (UG/L)	C18P2	1.62	C14P2*	.50**		
			C13P2	1.10		
Zinc (UG/L)			C14P2*	11.50		
			C18P2	13.82		
			C11P2	10.12		
			C13P2	8.46		
Zinc (Filtered) (UG/L)	C13P2	89.03	C14P2*	5.55**		
			C18P2	10.62		
MISCELLANEOUS PARAMETERS						
Ammonia (MG/L)	C18P2	.934	C14P2*	.036		
	C13P2	.307	C11P2	.059		
			C19P2	.052		

Table 7.112

Old Rifle Range
Big Clifty Aquifer (Continued)

	SIGNIFICANTLY HIGHER		NO SIGNIFICANT DIFFERENCE		SIGNIFICANTLY LOWER	
PARAMETER	WELL	AMOUNT	WELL	AMOUNT	WELL	AMOUNT
Total Organic Carbon (MG/L)	C18P2	2.92	C14P2*	.50**		
	C13P2	1.27				
Total Organic Halogens (MG/L)			C14P2*	.010**		
			C18P2	.028		
			C19P2	.025		

Table 7.112. (Continued)

*C14P2 is the upgradient well
** No detections

Tables 7.113, 7.114, and 7.115 show the number of non-detects, total samples, and percent non-detects for upgradient and downgradient wells for all parameters that were collected.

Ammunition Burning Grounds

PARAMETER	UPGRADIENT			DOWNGRADIENT		
	NON DETECTS	TOTAL SAMPLES	PERCENT	NON DETECTS	TOTAL SAMPLES	PERCENT
EXPLOSIVES						
1,3,5-Trinitrobenzene (UG/L)	4	4	100.0	89	95	93.7
2-Amino-4,6-Dinitrotoluene (UG/L)	4	4	100.0	87	95	91.6
4-Amino-2,6-Dinitrotoluene (UG/L)	4	4	100.0	87	95	91.6
HMX (UG/L)	4	4	100.0	43	95	45.3
RDX (UG/L)	4	4	100.0	36	95	37.9
METALS						
Antimony (Filtered) (UG/L)	4	4	100.0	89	95	93.7
Arsenic (UG/L)	0	4	0.0	87	95	91.6
Arsenic (Filtered) (UG/L)	0	4	0.0	87	95	91.6
Barium (UG/L)	0	4	0.0	0	95	0.0
Barium (Filtered) (UG/L)	0	4	0.0	0	95	0.0
Cadmium (Filtered) (UG/L)	4	4	100.0	92	95	96.8
Calcium (Filtered) (UG/L)	0	3	0.0	0	72	0.0
Copper (UG/L)	4	4	100.0	92	95	96.8
Copper (Filtered) (UG/L)	4	4	100.0	91	95	95.8
Iron (UG/L)	0	1	0.0	23	63	36.5
Magnesium (Filtered) (UG/L)	0	3	0.0	3	72	4.2
Manganese (UG/L)	0	4	0.0	60	95	63.2
Manganese (Filtered) (UG/L)	0	4	0.0	65	95	68.4
Potassium (Filtered) (UG/L)	0	3	0.0	12	72	16.7
Selenium (UG/L)	0	4	0.0	52	95	54.7
Selenium (Filtered) (UG/L)	0	4	0.0	68	95	71.6
Sodium (Filtered) (UG/L)	0	3	0.0	0	72	0.0
Zinc (UG/L)	2	4	50.0	69	95	72.6
Zinc (Filtered) (UG/L)	4	4	100.0	76	95	80.0
VOLATILE ORGANIC COMPOUNDS						
1,2-Dichloroethane (UG/L)	1	1	100.0	59	66	89.4
Carbon Tetrachloride (UG/L)	4	4	100.0	57	63	90.5
Chloroform (UG/L)	1	1	100.0	55	66	83.3
cis-1,2-Dichloroethene (UG/L)	4	4	100.0	76	94	80.8
trans-1,2-Dichloroethene (UG/L)	4	4	100.0	93	98	94.7
Trichloroethene (UG/L)	4	4	100.0	50	94	53.2
MISCELLANEOUS PARAMETERS						
Chloride (MG/L)	0	4	0.0	0	95	0.0
Total Dissolved Phosphorus (Filtered) (MG/L)	3	4	75.0	81	93	87.1
Total Phosphorus (MG/L)	3	4	75.0	76	95	80.0
Sulfate (MG/L)	0	4	0.0	0	95	0.0
Total Organic Carbon (MG/L)	3	4	75.0	60	94	63.8
Total Organic Halogens (MG/L)	4	4	100.0	68	95	71.6

Table 7.113.

Old Rifle Range
Beech Creek Aquifer

PARAMETER	UPGRADIENT			DOWNGRADIENT		
	NON DETECTS	TOTAL SAMPLES	PERCENT	NON DETECTS	TOTAL SAMPLES	PERCENT
EXPLOSIVES						
2,4,6-Trinitrotoluene (UG/L)	0	4	100.0	32	36	88.9
2-Amino-4,6-Dinitrotoluene (UG/L)	4	4	100.0	32	36	88.9
4-Amino-2,6-Dinitrotoluene (UG/L)	4	4	100.0	32	36	88.9
METALS						
Antimony (Filtered) (UG/L)	1	4	25.0	30	37	81.1
Arsenic (UG/L)	0	4	0.0	19	36	52.8
Arsenic (Filtered) (UG/L)	0	4	0.0	21	36	58.3
Barium (UG/L)	0	4	0.0	0	36	0.0
Barium (Filtered) (UG/L)	0	4	0.0	0	36	0.0
Cadmium (Filtered) (UG/L)	3	4	75.0	33	36	91.7
Copper (UG/L)	2	4	50.0	34	36	94.4
Copper (Filtered) (UG/L)	2	4	50.0	33	35	94.3
Iron (UG/L)	0	1	0.0	2	8	25.0
Manganese (UG/L)	4	4	100.0	4	36	11.1
Manganese (Filtered) (UG/L)	4	4	100.0	8	36	22.2
Selenium (UG/L)	4	4	100.0	25	36	69.4
Selenium (Filtered) (UG/L)	4	4	100.0	33	36	91.7
Zinc (UG/L)	1	4	25.0	23	36	63.9
Zinc (Filtered) (UG/L)	3	4	75.0	30	36	83.3
MISCELLANEOUS PARAMETERS						
Ammonia (MG/L)	0	4	0.0	8	36	22.2
Total Organic Carbon (MG/L)	2	4	50.0	28	36	77.8

Table 7.114.

Old Rifle Range
Big Clifty Aquifer

PARAMETER	UPGRADIENT			DOWNGRADIENT		
	NON DETECTS	TOTAL SAMPLES	PERCENT	NON DETECTS	TOTAL SAMPLES	PERCENT
METALS						
Arsenic (UG/L)	4	4	100.0	3	20	15.0
Arsenic (Filtered) (UG/L)	4	4	100.0	5	20	25.0
Barium (UG/L)	0	4	0.0	0	20	0.0
Barium (Filtered) (UG/L)	0	4	0.0	0	20	0.0
Cadmium (UG/L)	4	4	100.0	18	20	90.0
Cadmium (Filtered) (UG/L)	4	4	100.0	17	20	85.0
Manganese (UG/L)	4	4	100.0	0	20	0.0
Manganese (Filtered) (UG/L)	4	4	100.0	0	20	0.0
Selenium (UG/L)	4	4	100.0	11	20	55.0
Selenium (Filtered) (UG/L)	4	4	100.0	13	20	65.0
Zinc (UG/L)	2	4	50.0	17	20	85.0
Zinc (Filtered) (UG/L)	4	4	100.0	17	20	85.0
MISCELLANEOUS PARAMETERS						
Ammonia (MG/L)	3	4	75.0	1	20	5.0
Total Organic Carbon (MG/L)	4	4	100.0	9	20	45.0
Total Organic Halogens (MG/L)	4	4	100.0	17	20	85.0

Table 7.115.

Tables 7.116, 7.117, and 7.118 show the location of the maximum detection for each parameter. Also shown is the range of detection when detections occurred, and the detection limit.

Ammunition Burning Grounds.

PARAMETER	MAX DETECTION LOCATION	RANGE OF DETECTION MINIMUM	MAXIMUM	NON-DETECTION LIMIT
EXPLOSIVES				
1,3,5-Trinitrobenzene (UG/L)	C20	3.8	13.0	1.0
2-Amino-4,6-Dinitrotoluene (UG/L)	C20	2.0	14.0	.9
4-Amino-2,6-Dinitrotoluene (UG/L)	C20	3.4	18.0	1.6
HMX (UG/L)	C12	2.0	44.0	2.0
RDX (UG/L)	C20	1.1	210.0	.61
METALS				
Antimony (Filtered) (UG/L)	C04	1.2	1.8	1.0
Arsenic (UG/L)	B02	1.7	11.3	1.0
Arsenic (Filtered) (UG/L)	B02	1.8	12.3	1.0
Barium (UG/L)	C02P2	13.1	132.0	1.0
Barium (Filtered) (UG/L)	CRA-CRB	12.1	128.0	1.0
Cadmium (Filtered) (UG/L)	CRB	1.1	2.4	1.1
Calcium (Filtered) (UG/L)	C11	1060	225000	1000
Copper (UG/L)	C04	2.6	4.1	2.2
Copper (Filtered) (UG/L)	CRA	2.4	3.4	2.2
Iron (UG/L)	B02	111	14000	100
Magnesium (Filtered) (UG/L)	C04	3010	190000	1000
Manganese (UG/L)	B04	16.8	1950	15
Manganese (Filtered) (UG/L)	B04	20.9	1780	15
Potassium (Filtered) (UG/L)	C08P2	1010	13200	1000
Selenium (UG/L)	C11	1.1	6.2	1.0
Selenium (Filtered) (UG/L)	C11	1.0	3.0	1.0
Sodium (Filtered) (UG/L)	C03	2920	221000	1000
Zinc (UG/L)	SPC	12.3	77.6	11.1
Zinc (Filtered) (UG/L)	SPA	11.2	287.0	11.1
VOLATILE ORGANIC COMPOUNDS				
1,2-Dichloroethane (UG/L)	C10	.91	27.0	.5
Carbon Tetrachloride (UG/L)	C10	.6	1.6	.3
Chloroform (UG/L)	C11	.7	2.5	.3
cis-1,2-Dichloroethene (UG/L)	C20	.5	100.0	.5
trans-1,2-Dichloroethene (UG/L)	C20	1.2	9.4	.5
Trichloroethene (UG/L)	C20	2.9	4500	.5
MISCELLANEOUS PARAMETERS				
Chloride (MG/L)	C02P2	1.0	80	1.0
Total Dissolved Phosphorus (Filtered) (MG/L)	C12	.10	.83	.1
Total Phosphorus (MG/L)	C03	.10	.77	.1
Sulfate (MG/L)	C17	1.4	1000	1.0
Total Organic Carbon (MG/L)	CRB	1.0	2.9	1.0
Total Organic Halogens (MG/L)	C20	.02	1.8	.02

Table 7.116.

Old Rifle Range
Beech Creek Aquifer

PARAMETER	MAX DETECTION LOCATION	RANGE OF DETECTION MINIMUM	MAXIMUM	NON-DETECTION LIMIT
EXPLOSIVES				
2,4,6-Trinitrotoluene (UG/L)	C15	6.3	7.8	1.6
2-Amino-4,6-Dinitrotoluene (UG/L)	C15	3.4	3.7	0.9
4-Amino-2,6-Dinitrotoluene (UG/L)	C15	3.6	4.4	0.9
METALS				
Antimony (Filtered) (UG/L)	C08	1.0	2.1	1.0
Arsenic (UG/L)	C13	1.2	33.7	1.0
Arsenic (Filtered) (UG/L)	C13	1.3	33.0	1.0
Barium (UG/L)	C16	25.8	127.0	1.0
Barium (Filtered) (UG/L)	C18	23.3	121.0	1.0
Cadmium (Filtered) (UG/L)	C13	1.1	1.3	1.1
Copper (UG/L)	C08	2.4	4.2	2.2
Copper (Filtered) (UG/L)	C08	2.3	3.8	2.2
Iron (UG/L)	C18	462	3520	100
Manganese (UG/L)	C13	19	552	15
Manganese (Filtered) (UG/L)	C13	23.9	553	15
Selenium (UG/L)	C13	1.1	2.0	1.0
Selenium (Filtered) (UG/L)	C13	1.1	2.1	1.0
Zinc (UG/L)	C14	13.0	207.0	11.1
Zinc (Filtered) (UG/L)	C13	11.2	91.6	11.1
MISCELLANEOUS PARAMETERS				
Ammonia (MG/L)	C13	.02	.32	.01
Total Organic Carbon (MG/L)	C13	1.1	2.6	1.0

Table 7.117.

Old Rifle Range
Big Clifty Aquifer

PARAMETER	MAX DETECTION LOCATION	RANGE OF DETECTION MINIMUM	MAXIMUM	NON-DETECTION LIMIT
METALS				
Arsenic (UG/L)	C13P2	1.9	35.5	1.0
Arsenic (Filtered) (UG/L)	C13P2	1.1	39.4	1.0
Barium (UG/L)	C18P2	29.3	178.0	1.0
Barium (Filtered) (UG/L)	C18P2	29.9	168.0	1.0
Cadmium (UG/L)	C18P2	1.1	1.5	1.1
Cadmium (Filtered) (UG/L)	C18P2	1.1	1.7	1.1
Manganese (UG/L)	C18P2	91.0	608	15
Manganese (Filtered) (UG/L)	C18P2	88.3	607	15
Selenium (UG/L)	C18P2	1.1	2.9	1.0
Selenium (Filtered) (UG/L)	C13P2	1.1	2.6	1.0
Zinc (UG/L)	C18P2	12.1	46.9	11.1
Zinc (Filtered) (UG/L)	C13P2	30.9	347.0	11.1.
MISCELLANEOUS PARAMETERS				
Ammonia (MG/L)	C18P2	.03	1.0	.01
Total Organic Carbon (MG/L)	C18P2	1.1	4.4	1.0
Total Organic Halogens (MG/L)	C18P2-C19P2	.04	.07	.02

Table 7.118.

Trend Analysis

The following graphs were made to analyze any trends over the four quarter time periods. Graphs were made for all parameters and all locations where downgradient wells were significantly higher than the upgradient well and data was available for more than one quarter. If repeat samples were taken in a quarter then the time period scale will show repeat times. In some cases, these graphs show that the detection amount is very sporadic. Even the repeat samples sometimes were different. Also, a bold line is shown on the graphs to reflect the baseline value which is the mean value for the upgradient well. If there were no detections for the upgradient well, the mean value is one-half of the detection limit. Figures 7.1 thru 7.98 are for the Ammunition Burning Grounds, Figures 7.99 thru 7.134 are for the Old Rifle Range Beech Creek Aquifer and Figures 7.135 thru 7.160 are for the Old Rifle Range Big Clifty Aquifer.

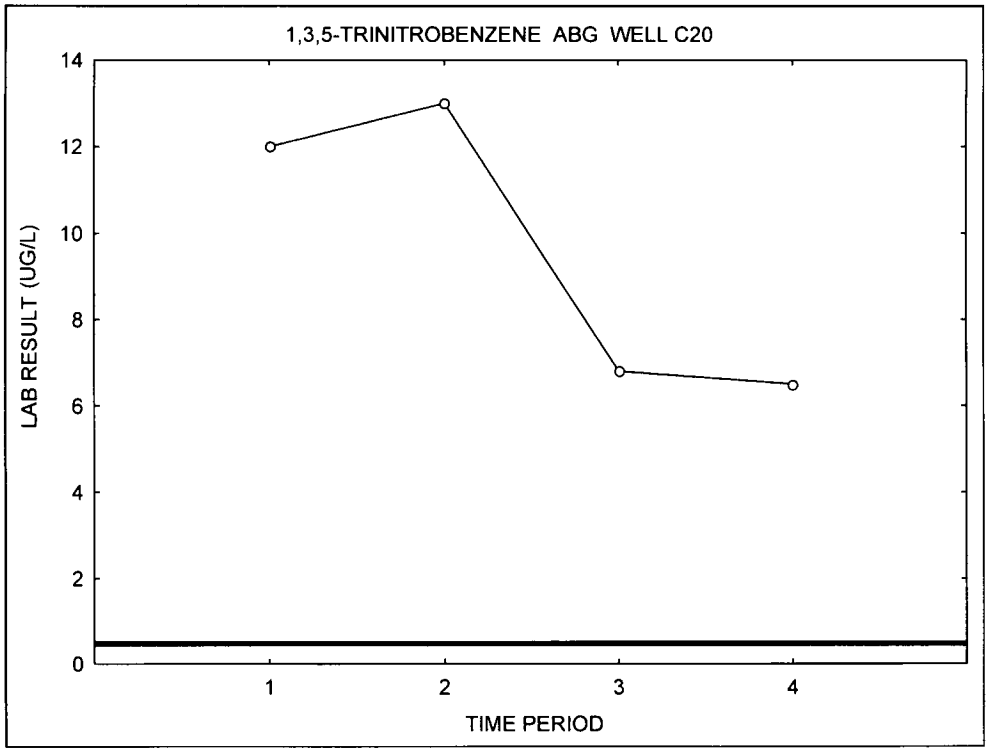


Figure 7.1.

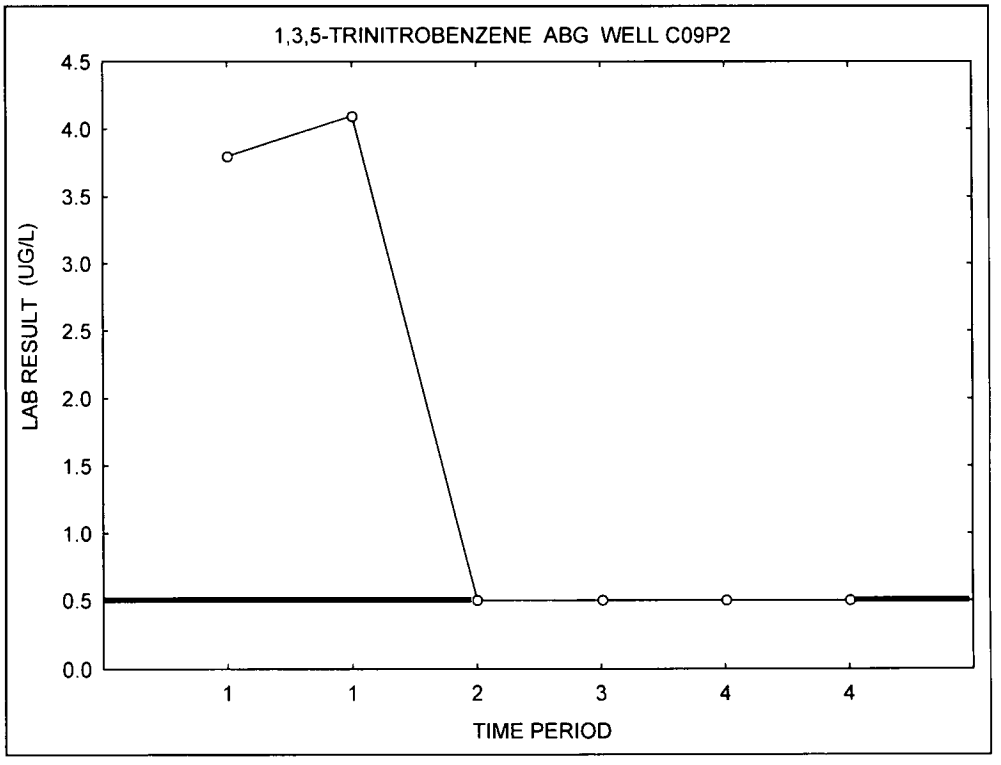
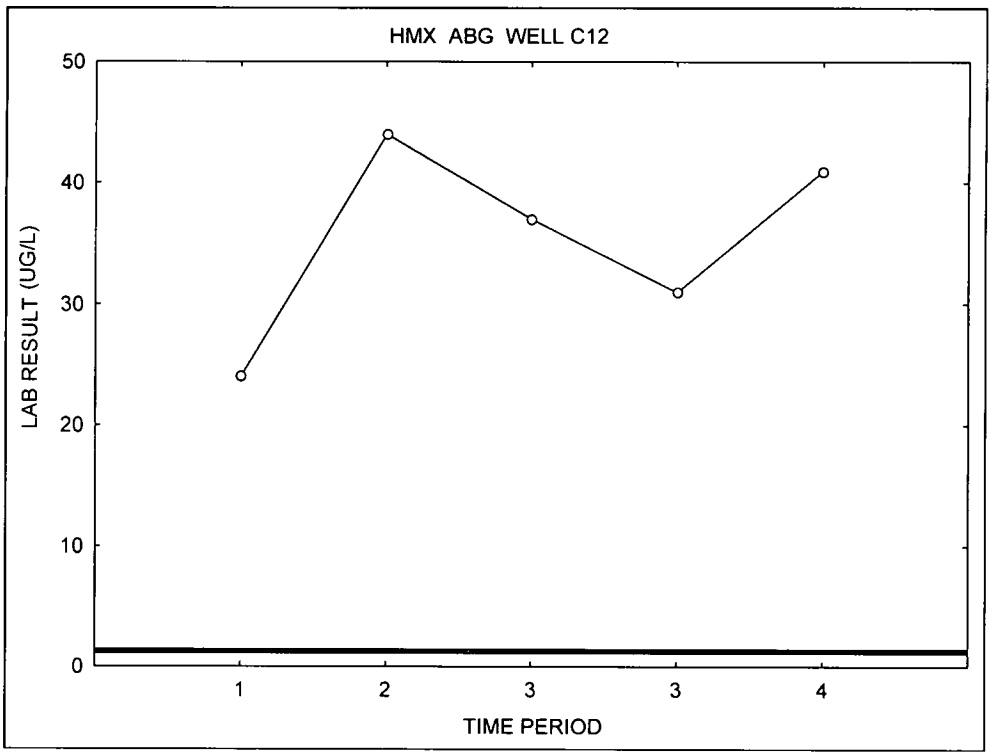


Figure 7.2.



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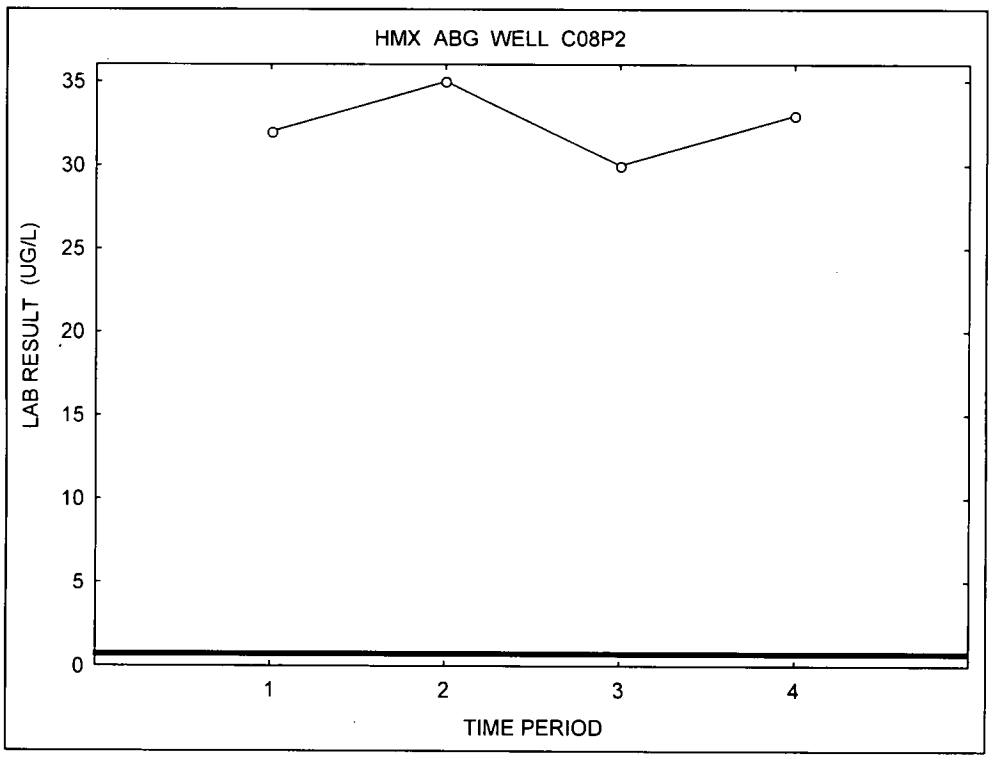

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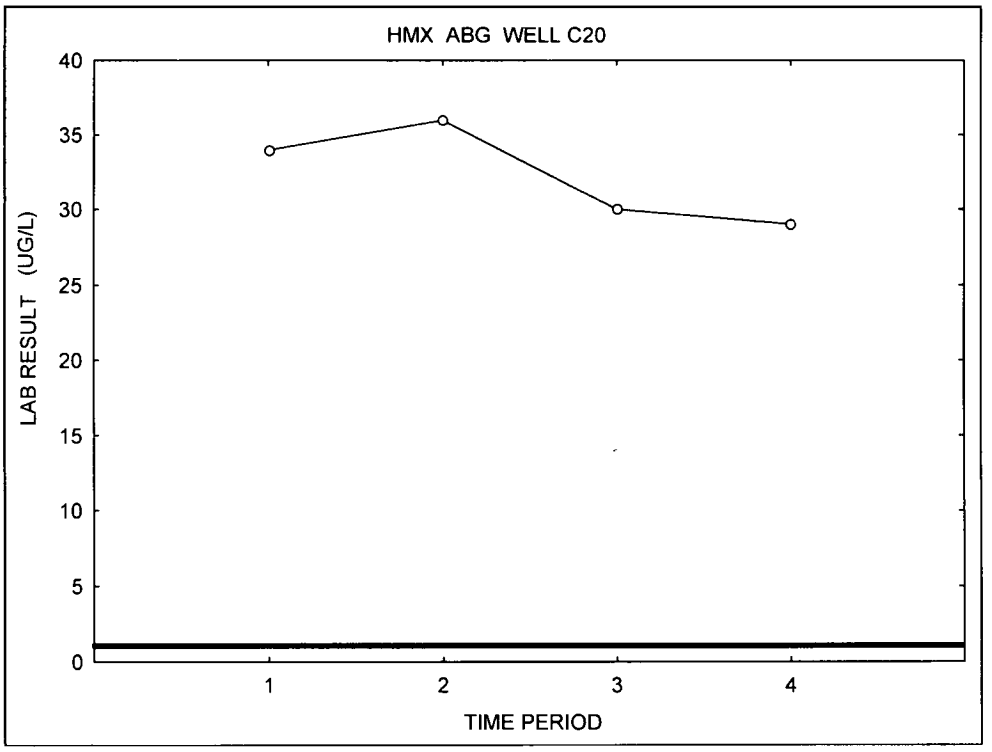

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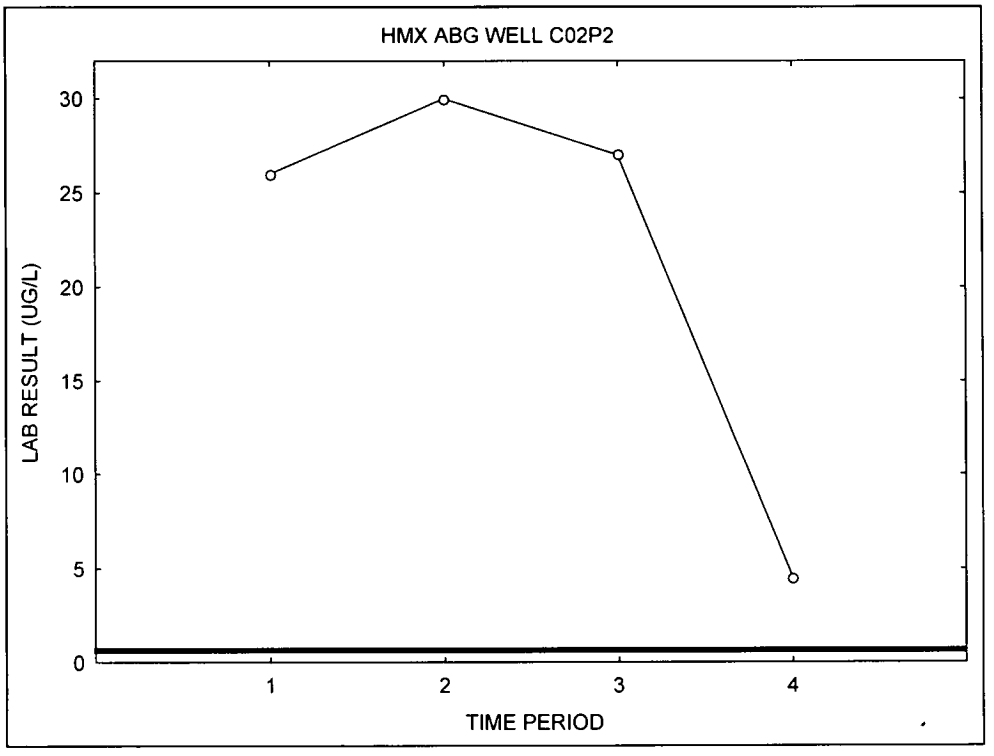

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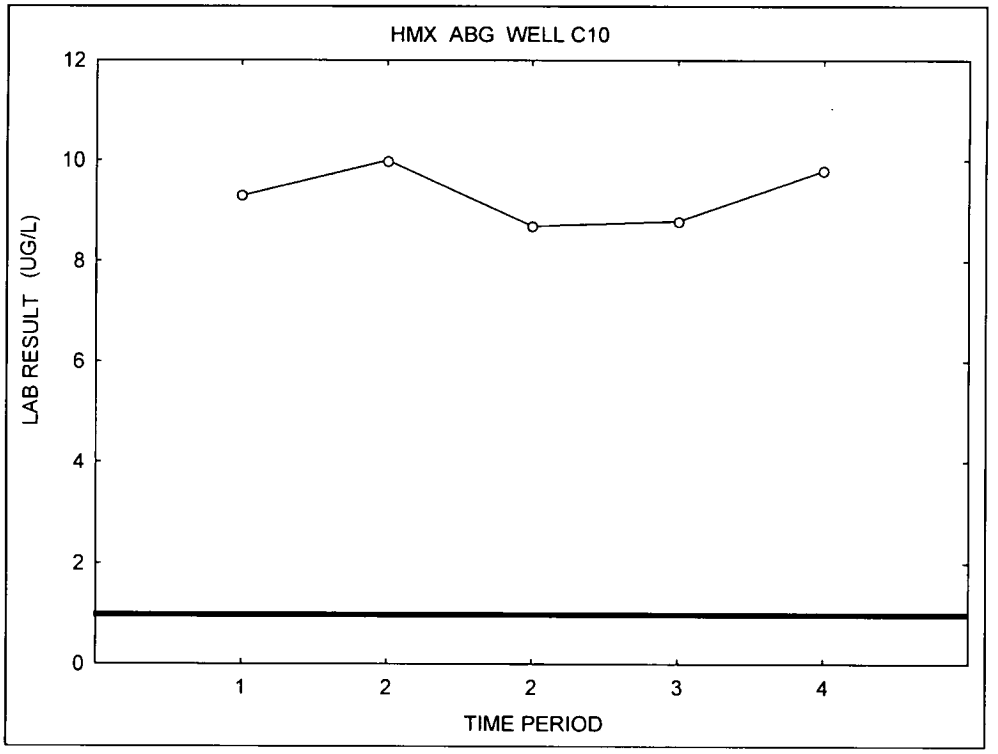

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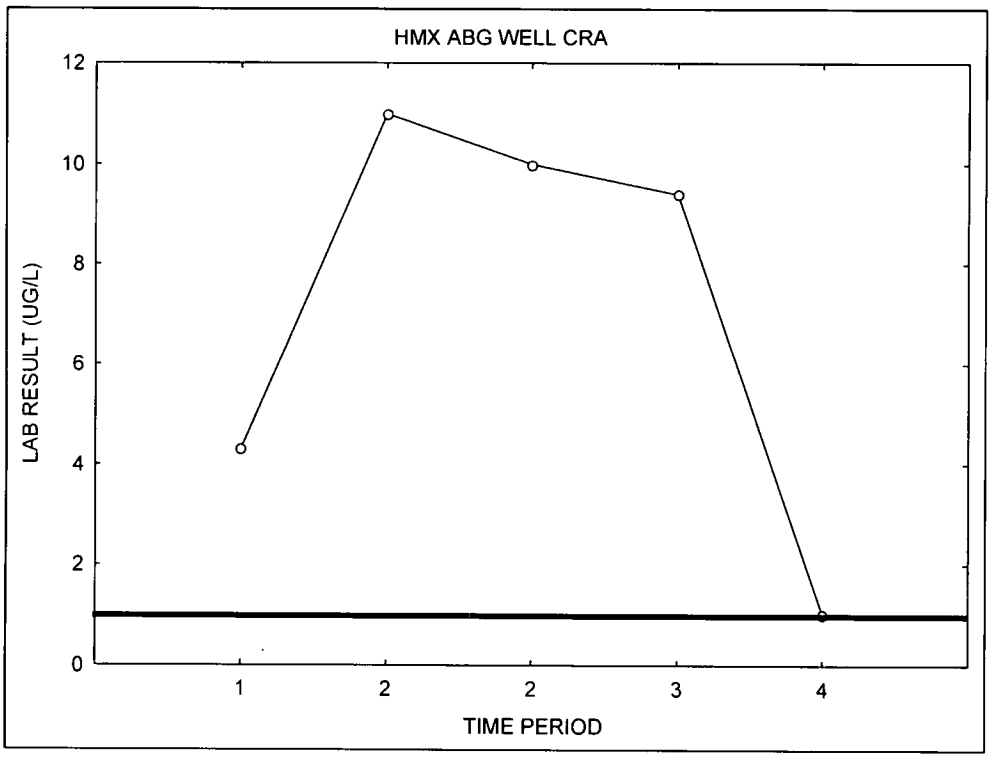

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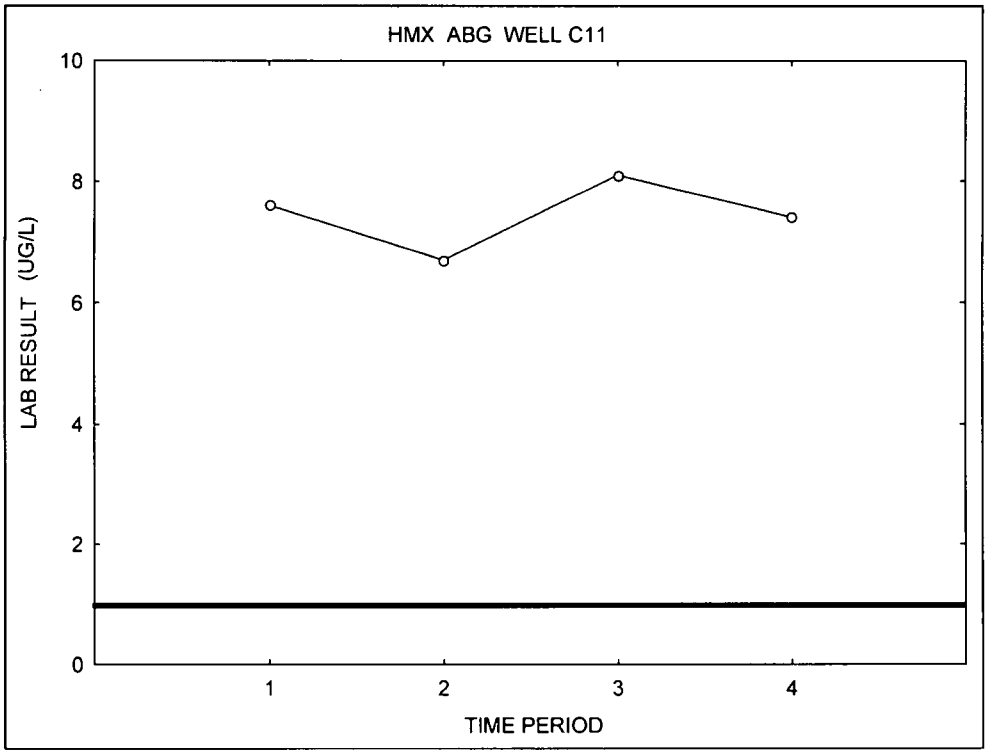

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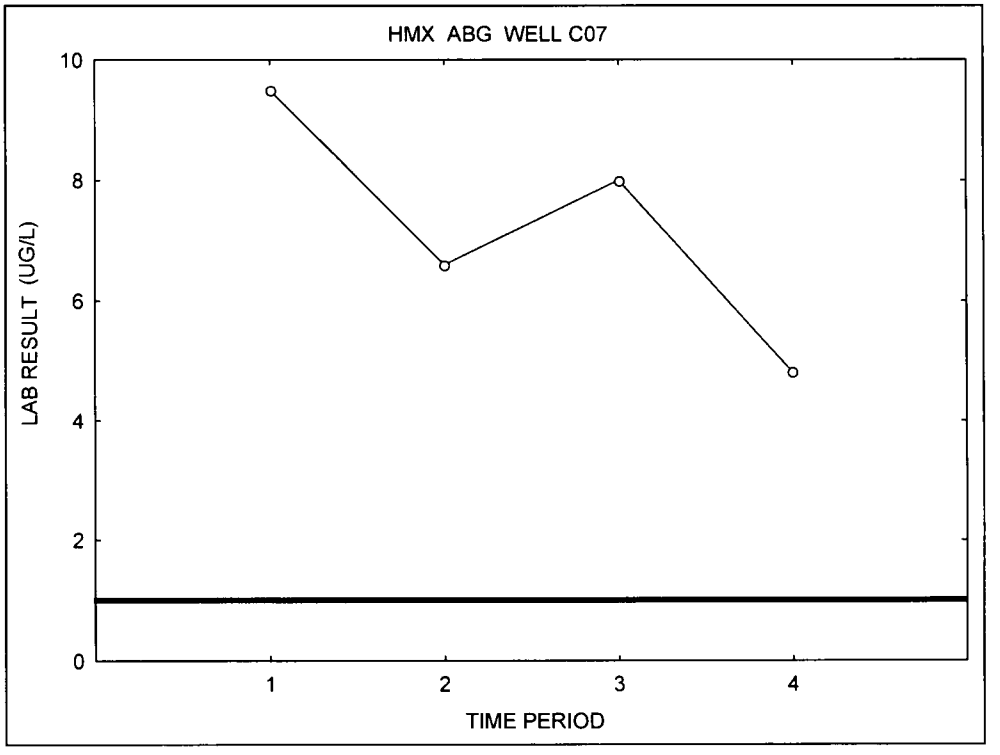

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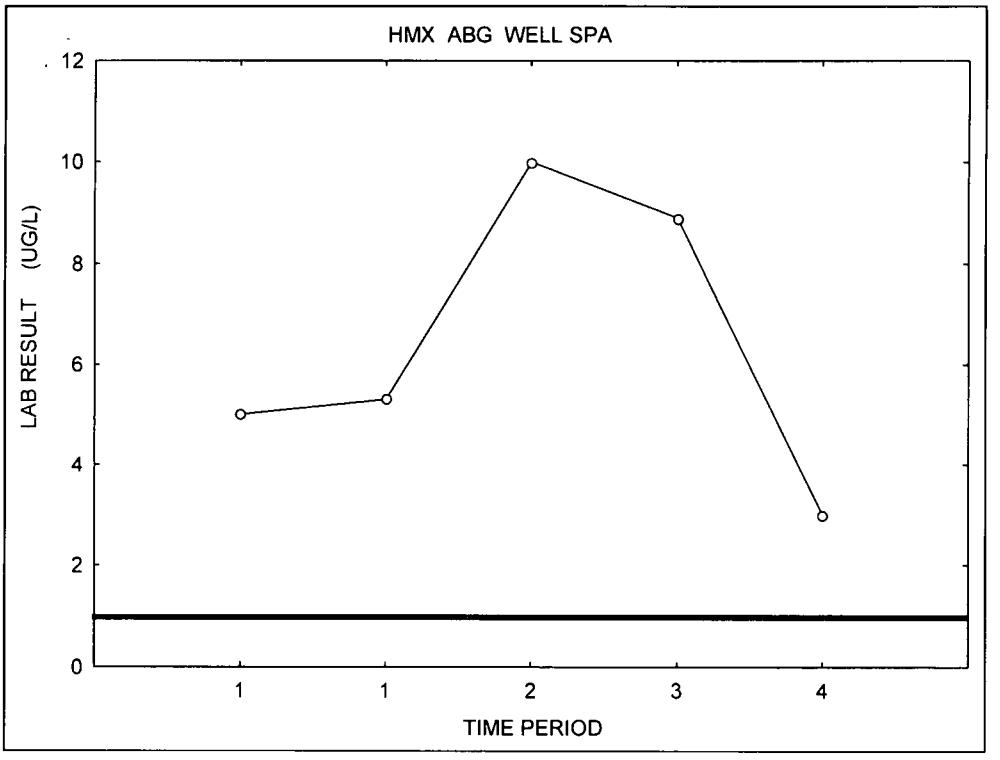

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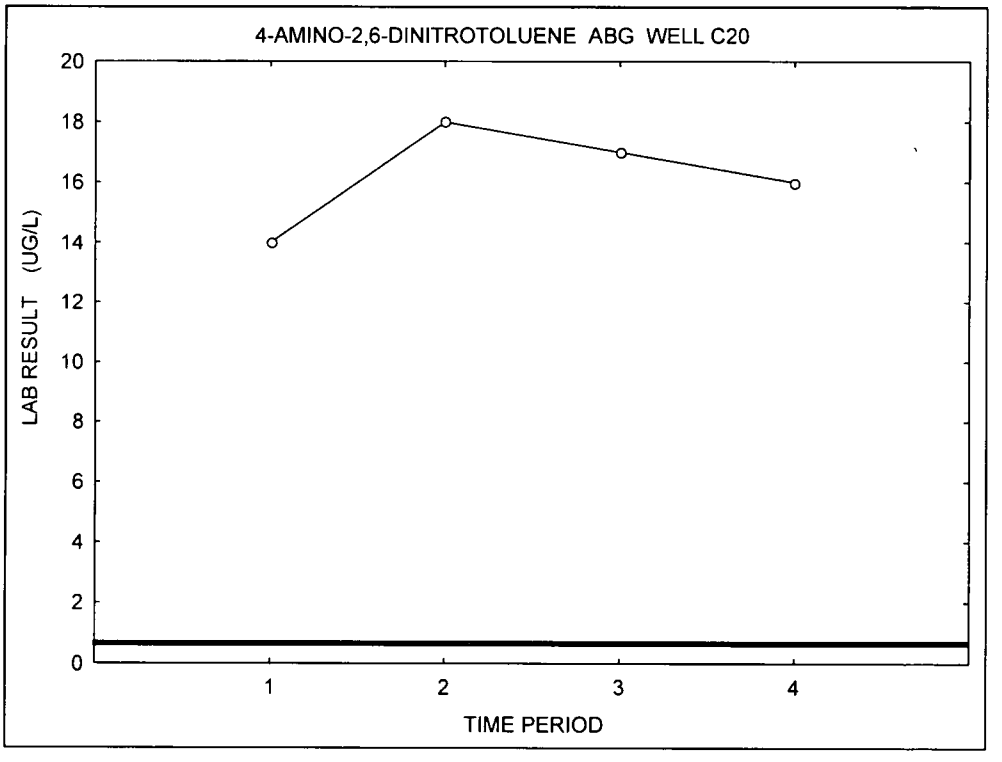

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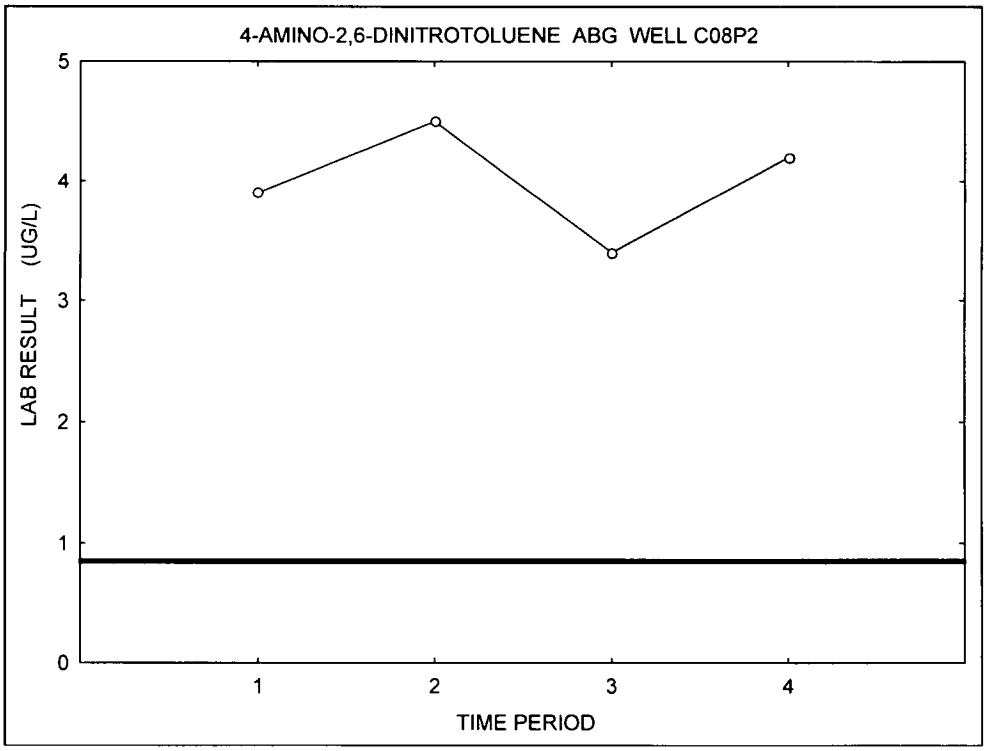

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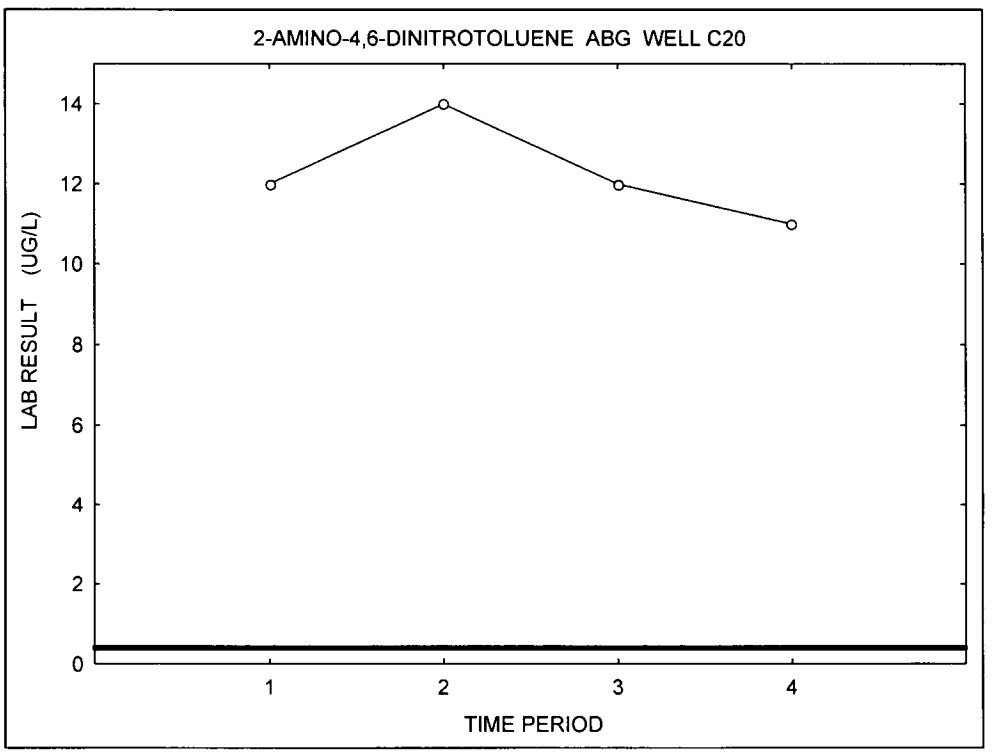

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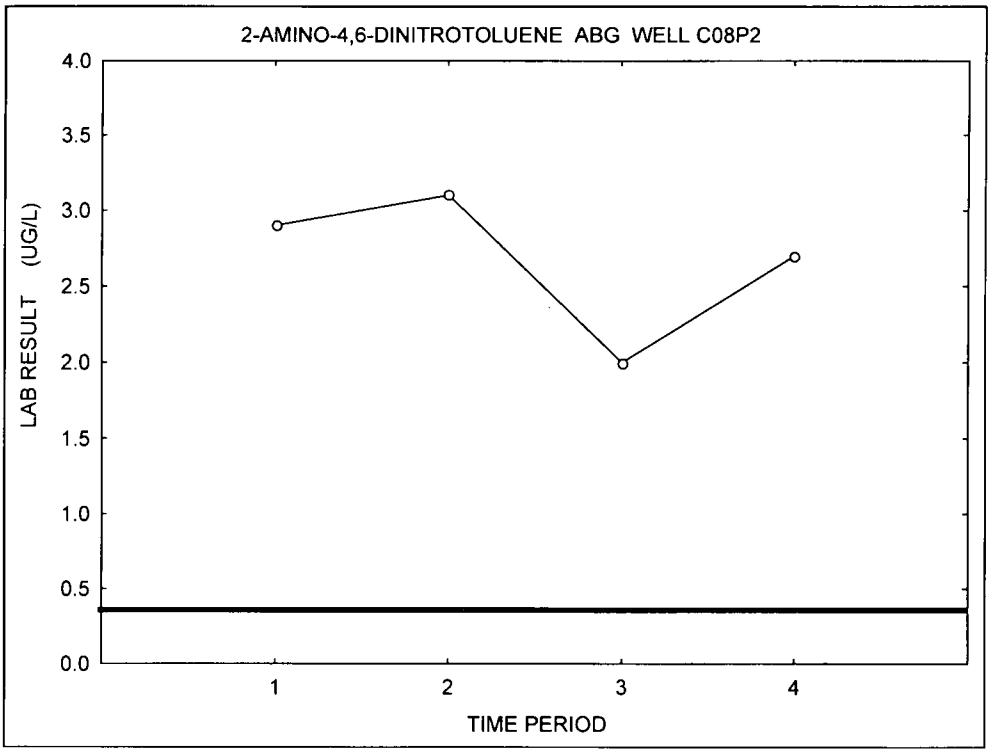

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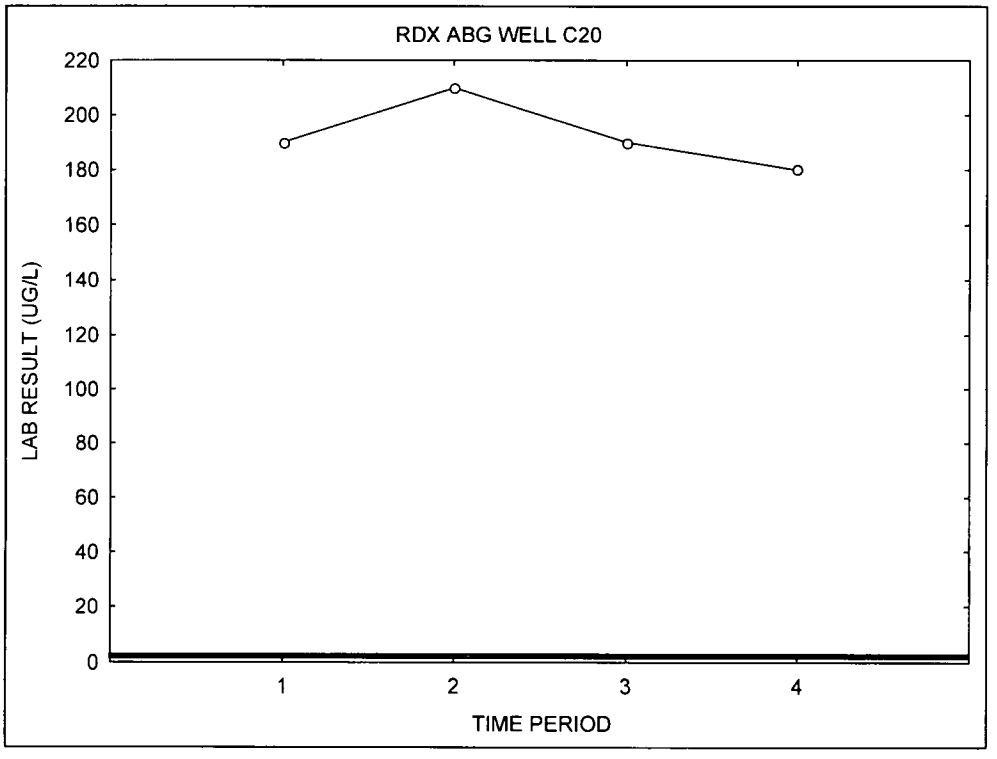

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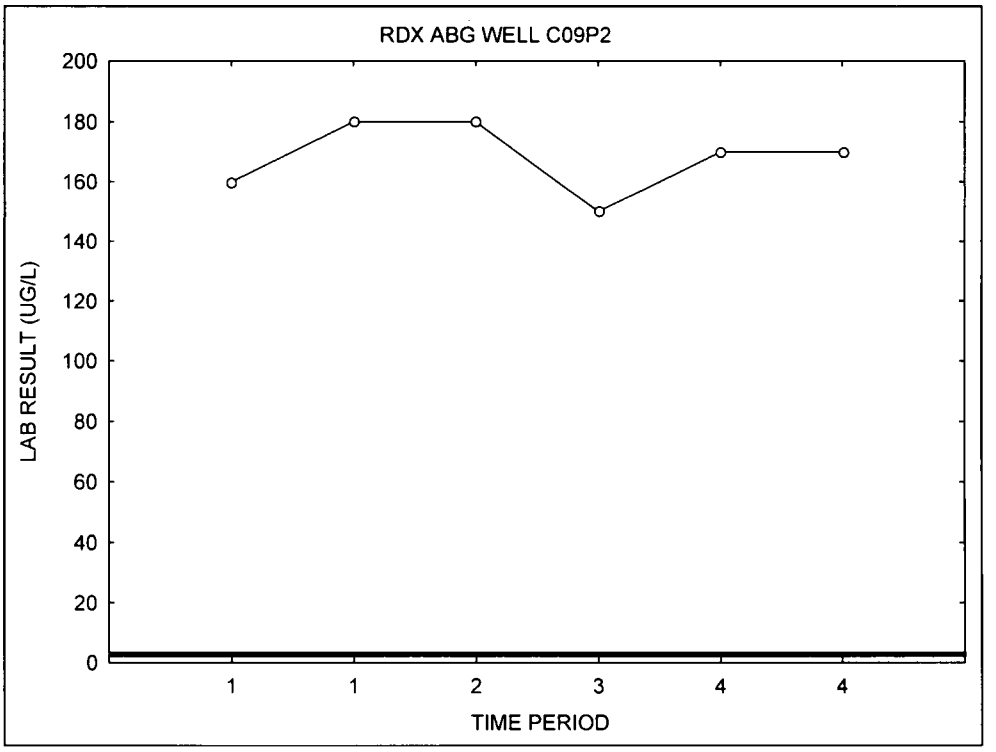

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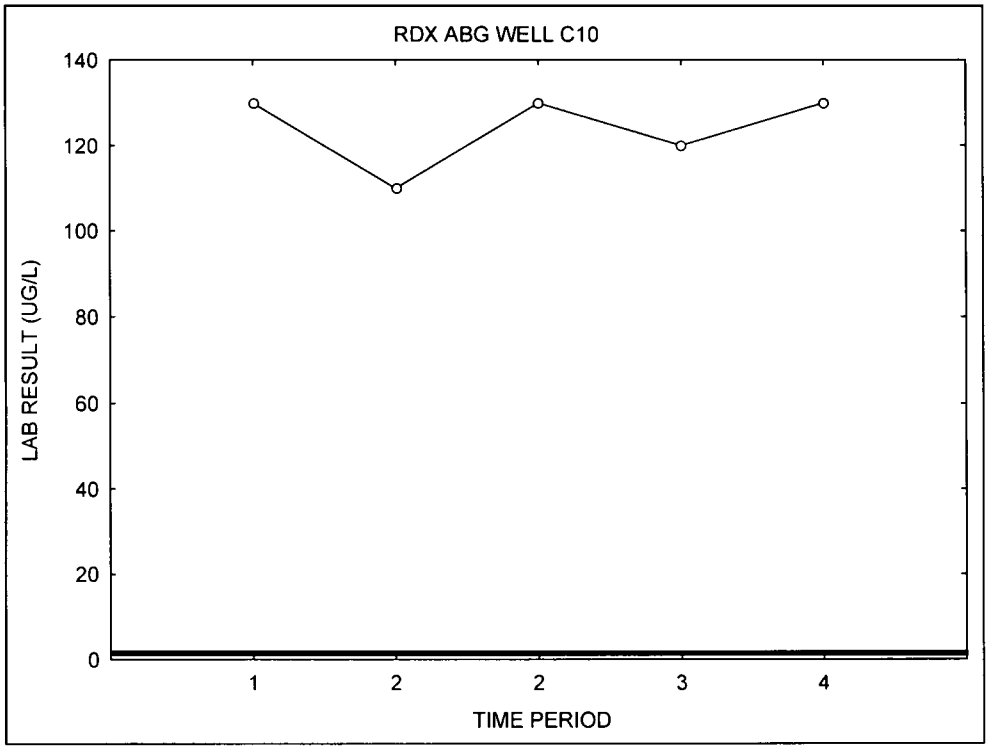

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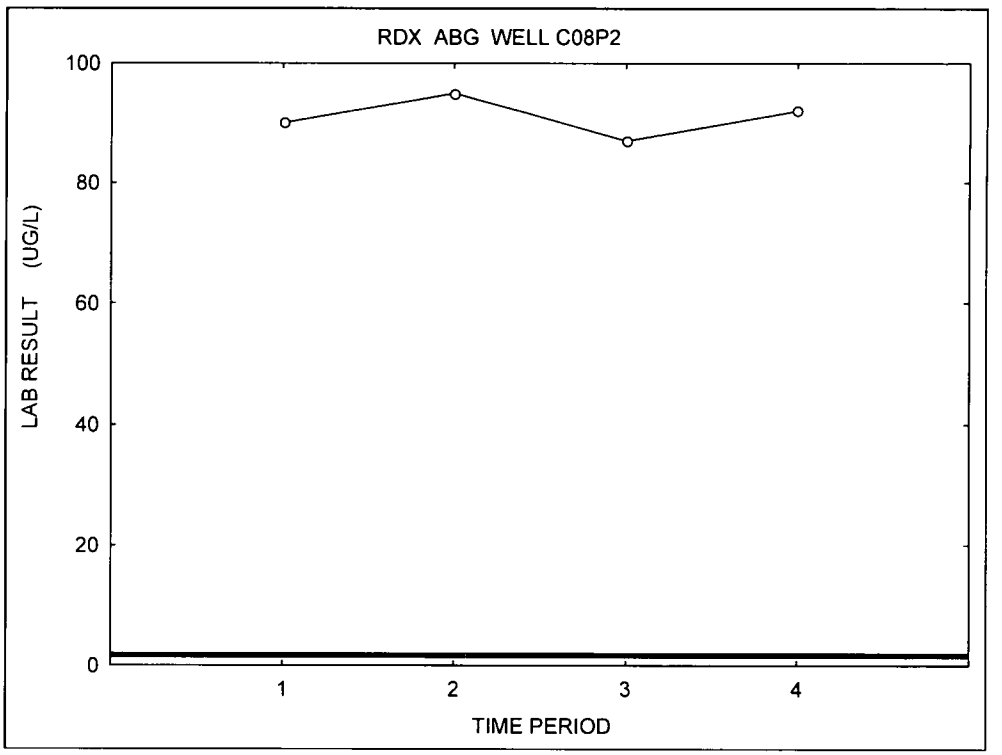

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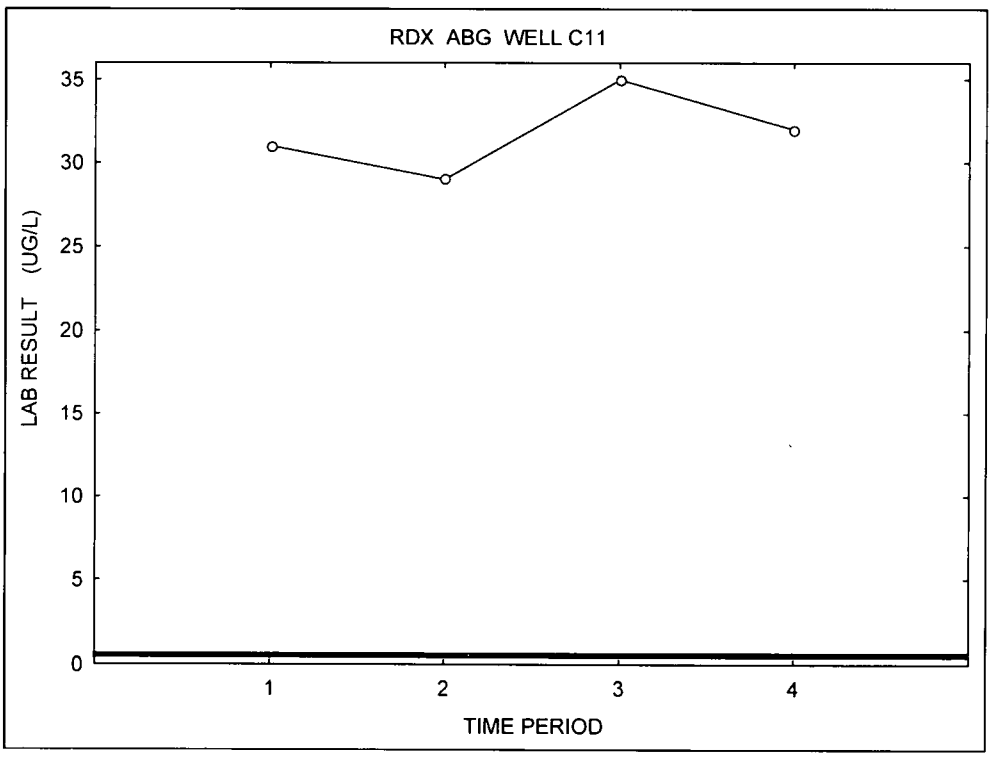

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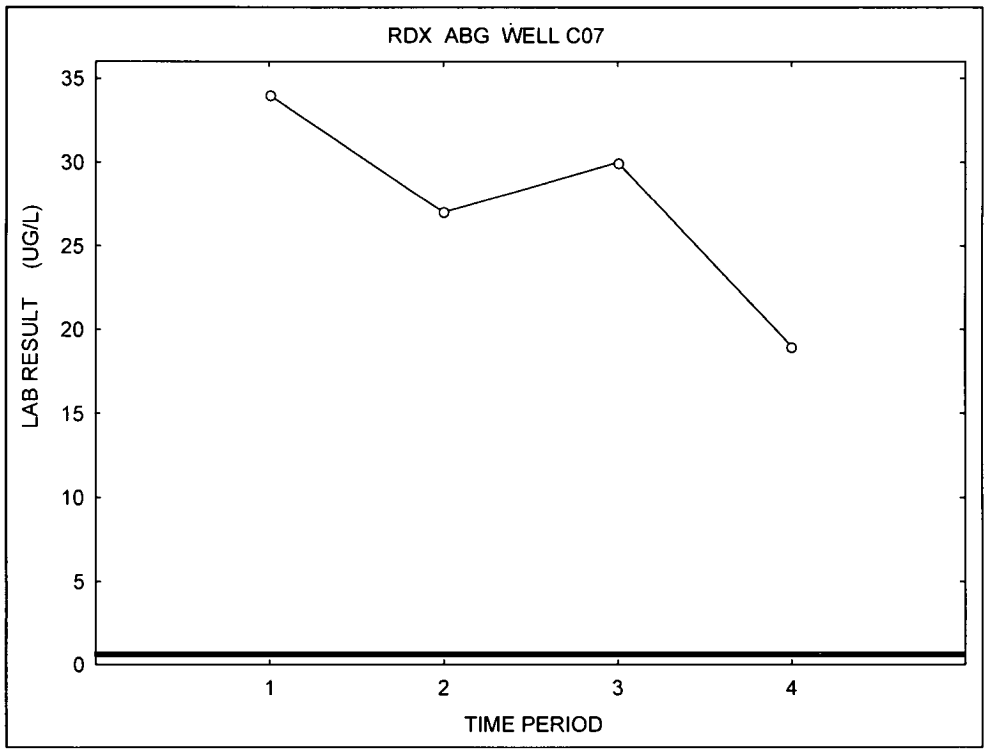

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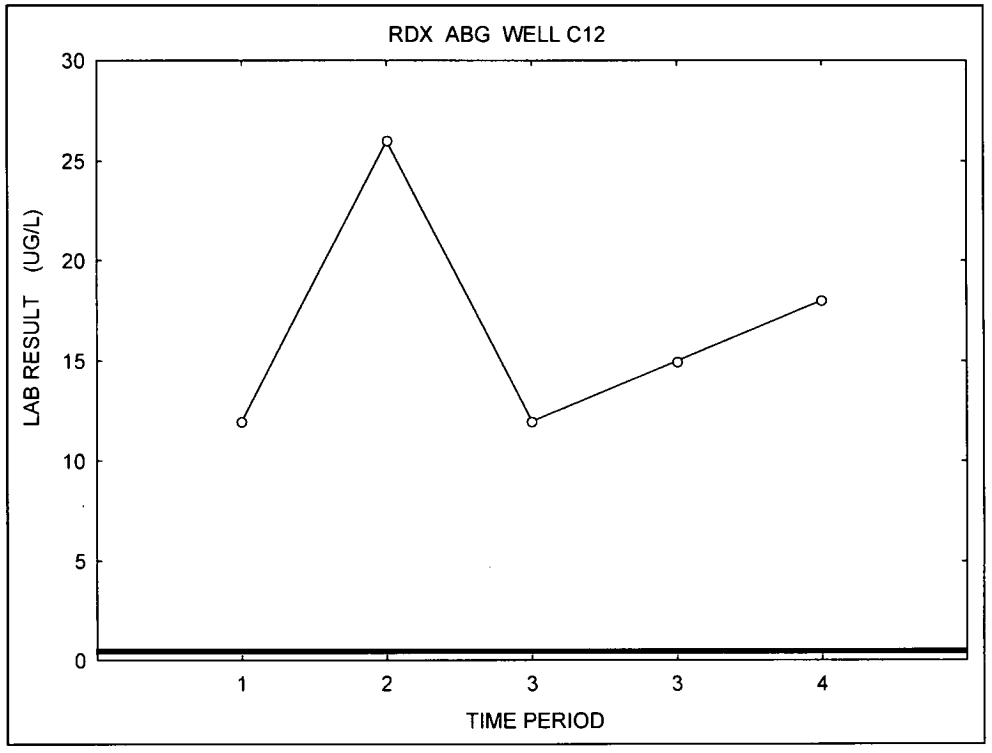

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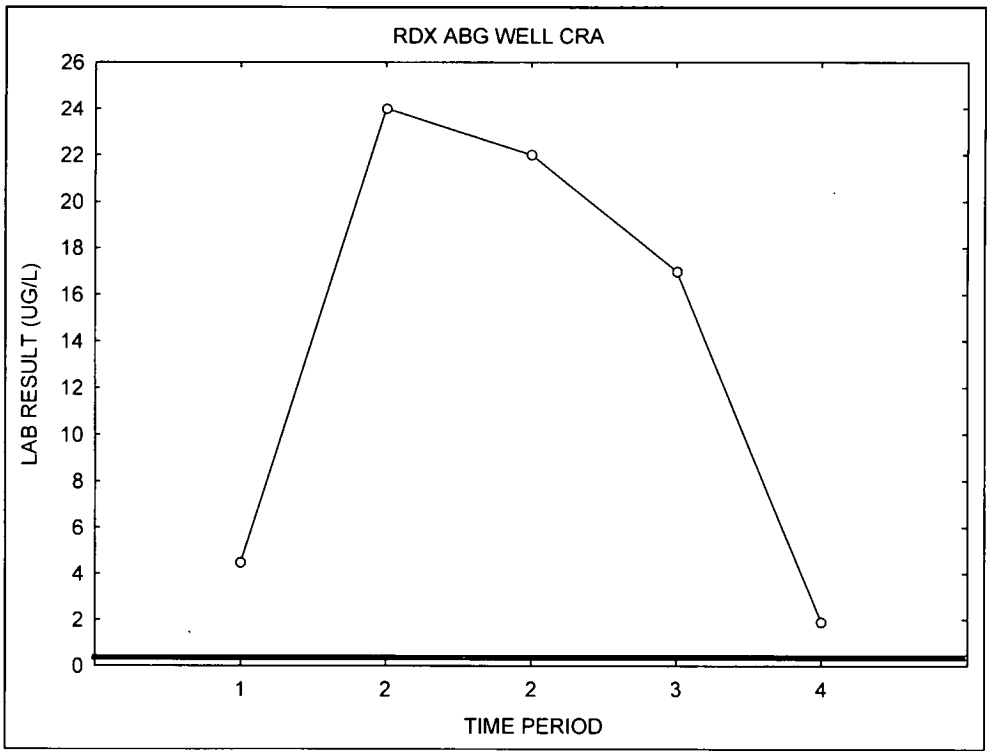

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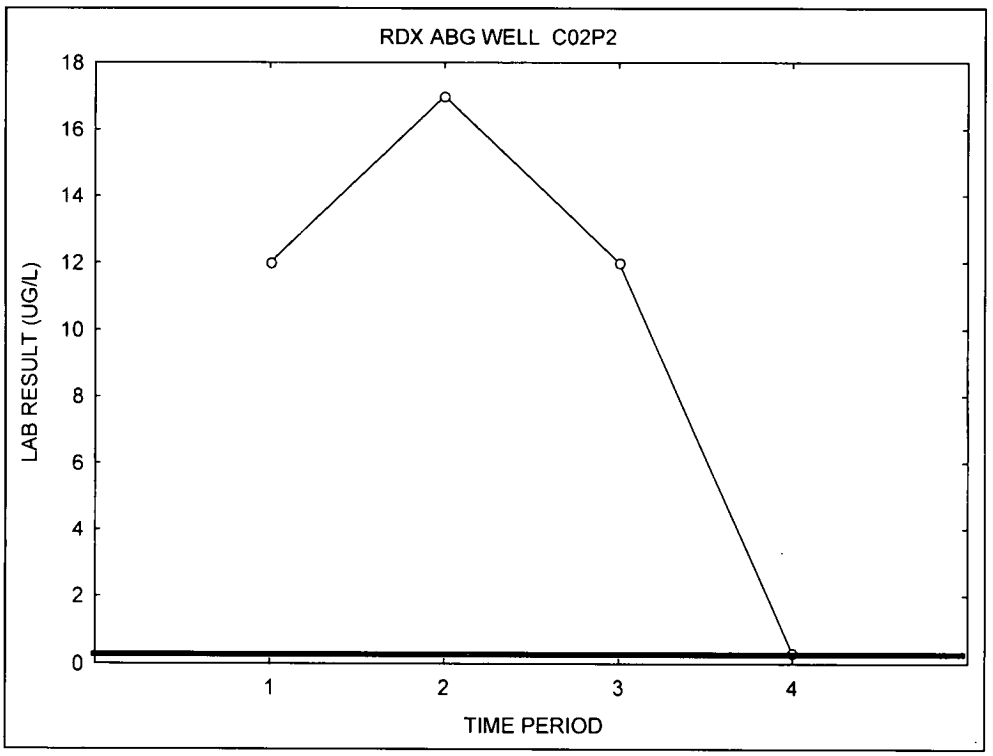

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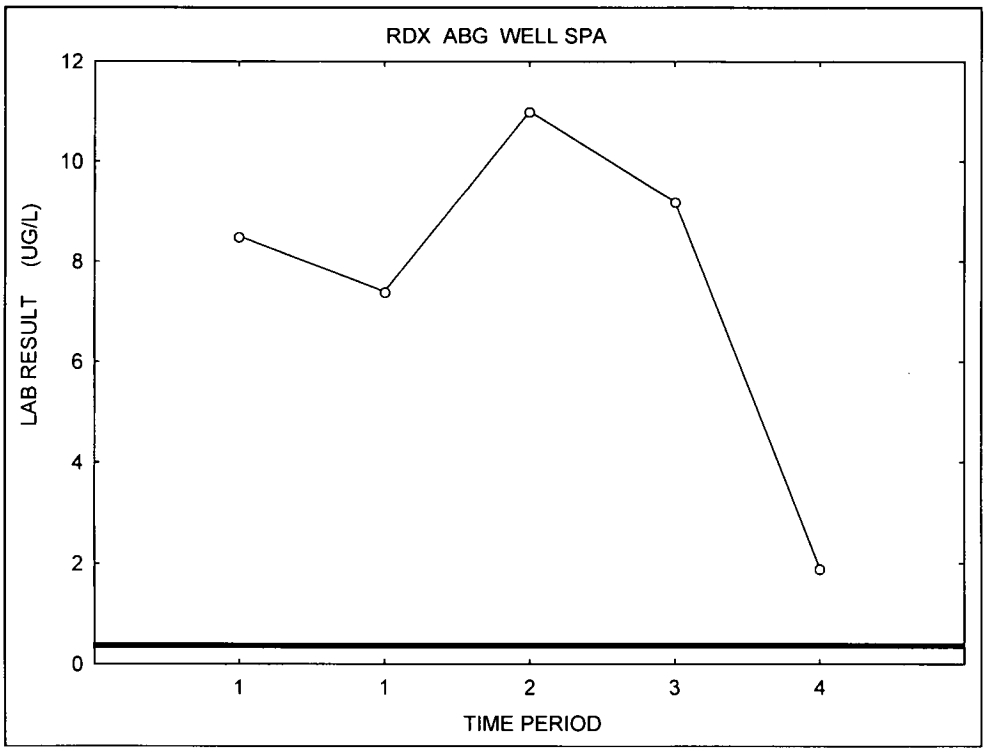

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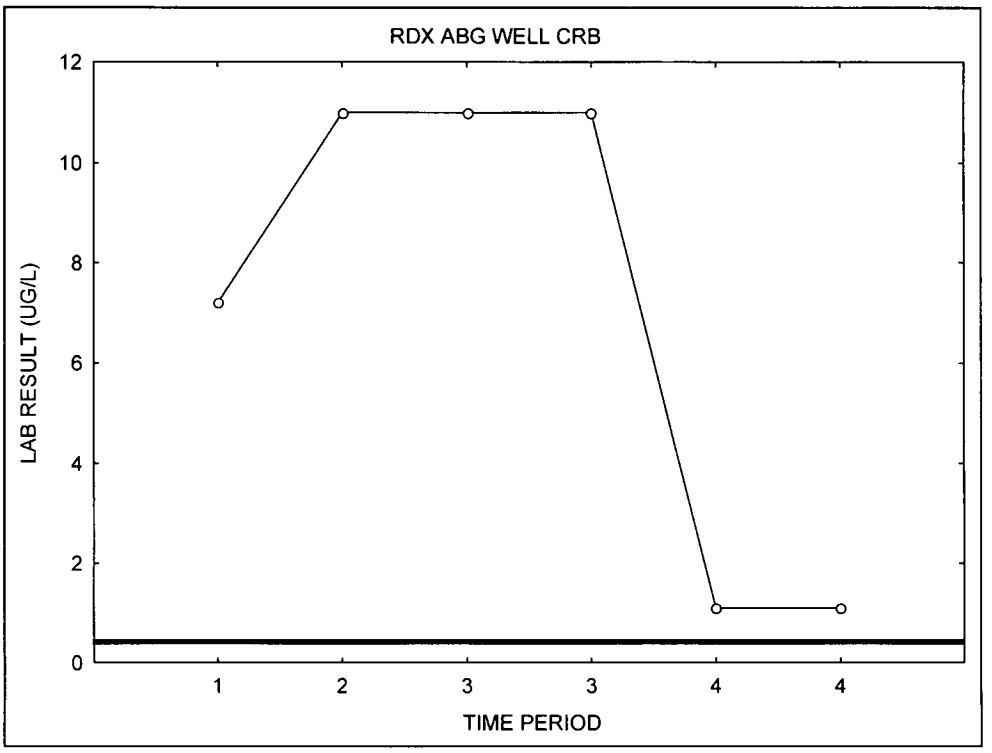

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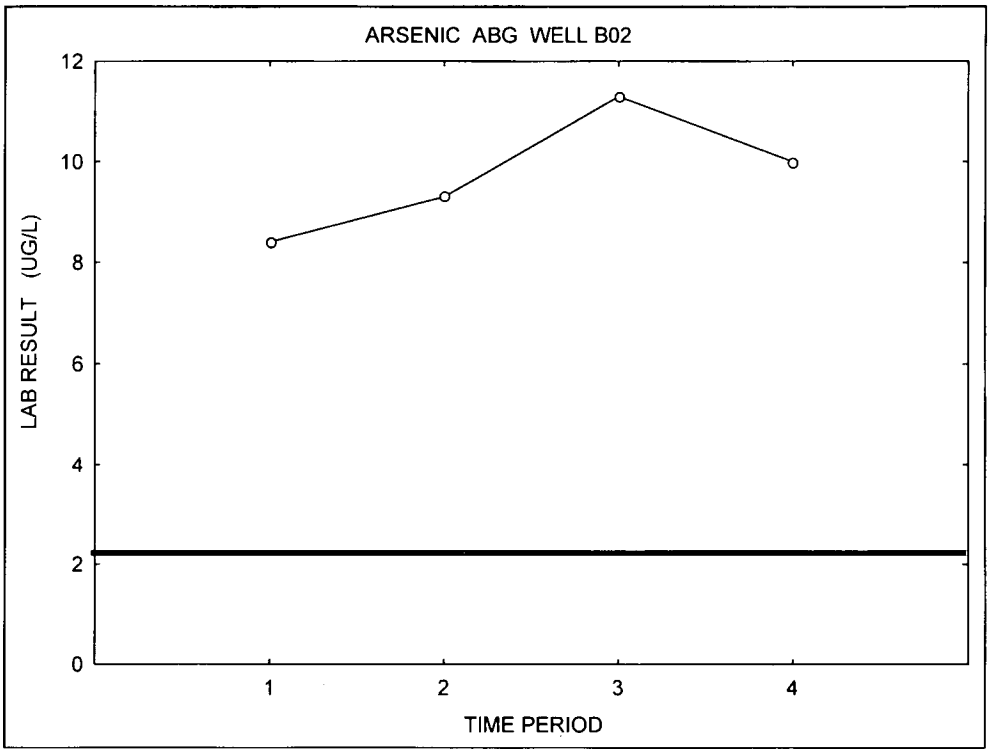

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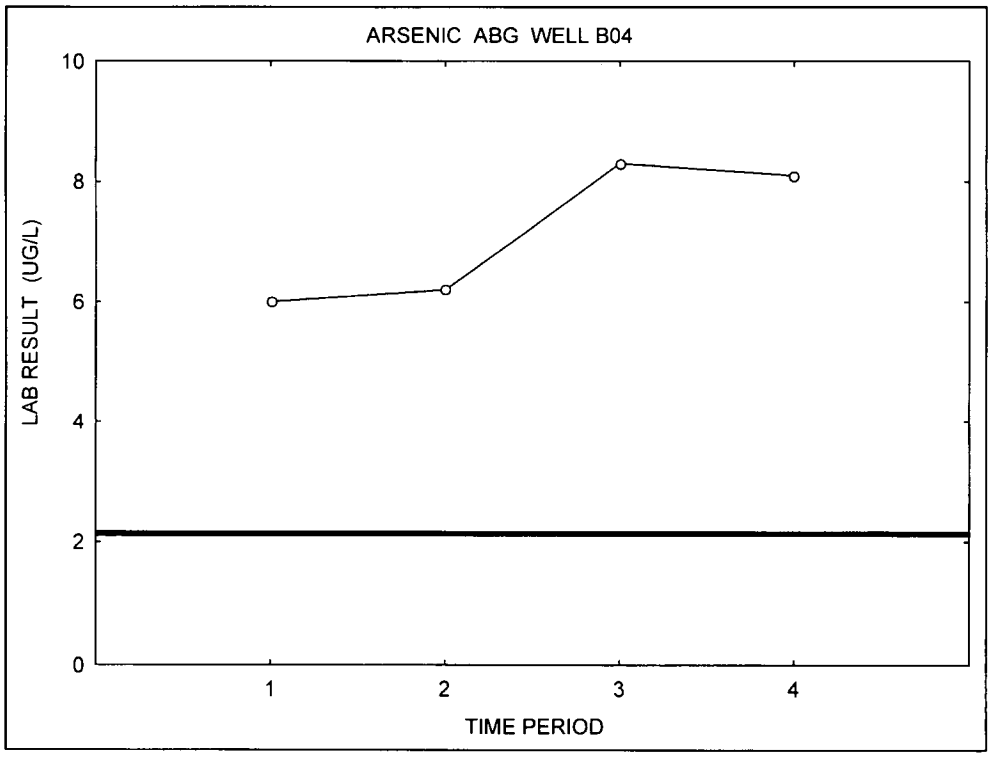

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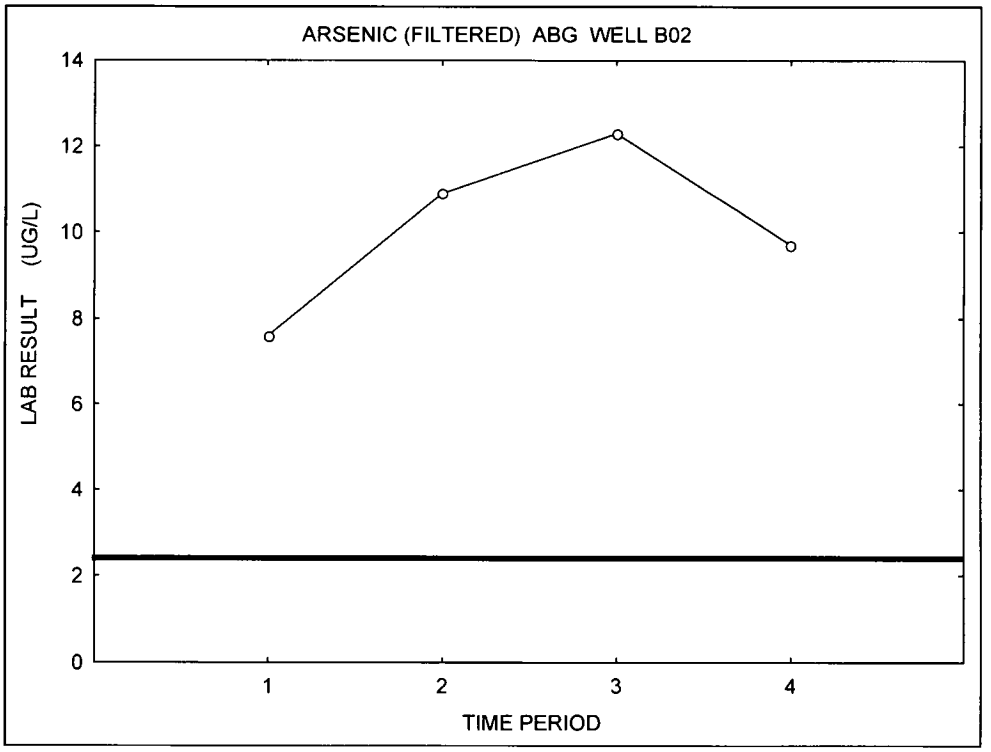

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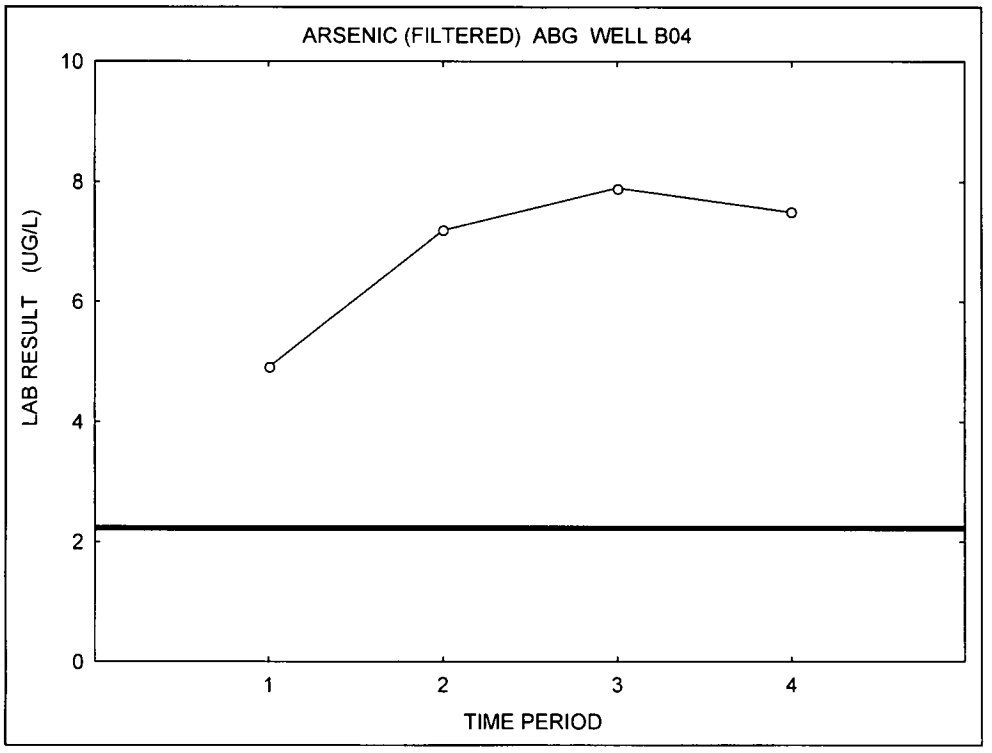

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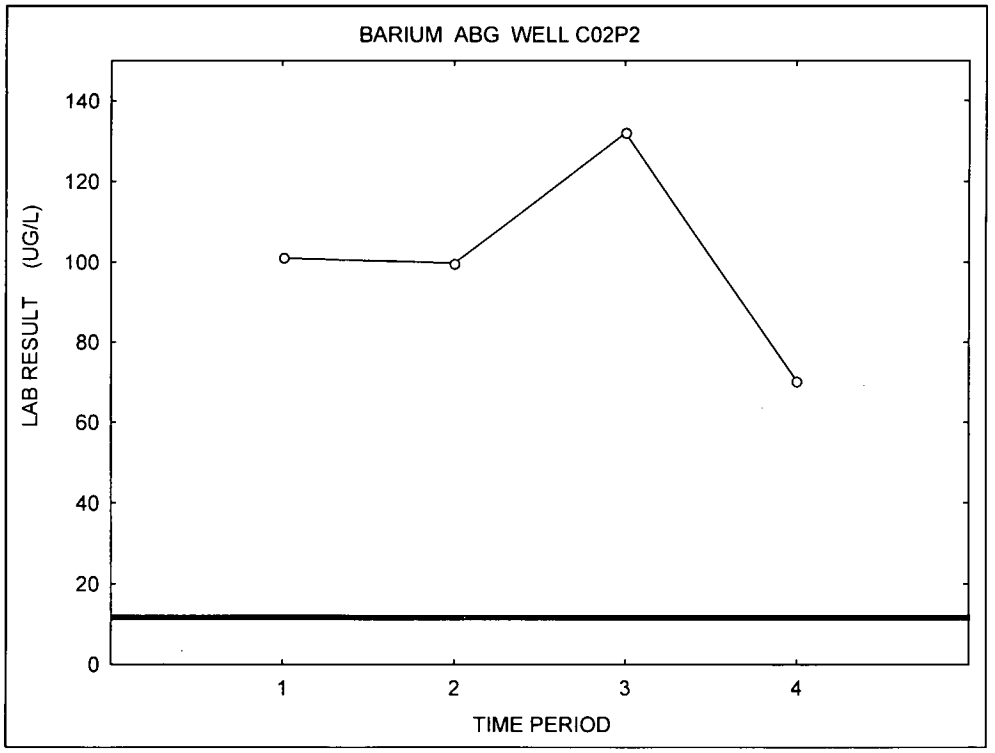

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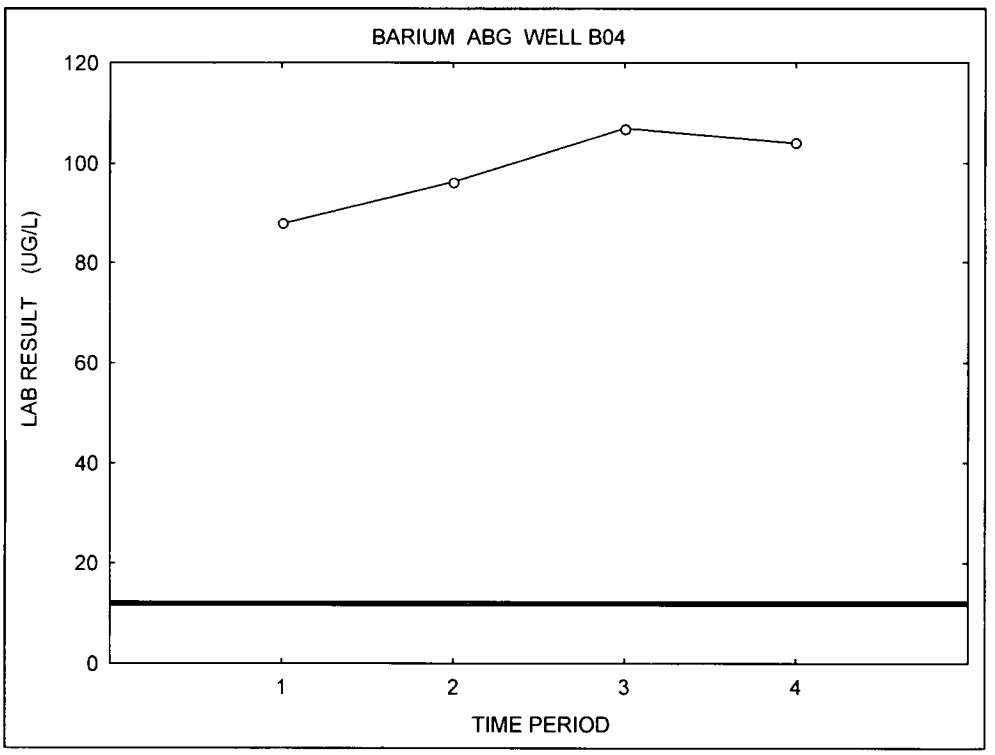

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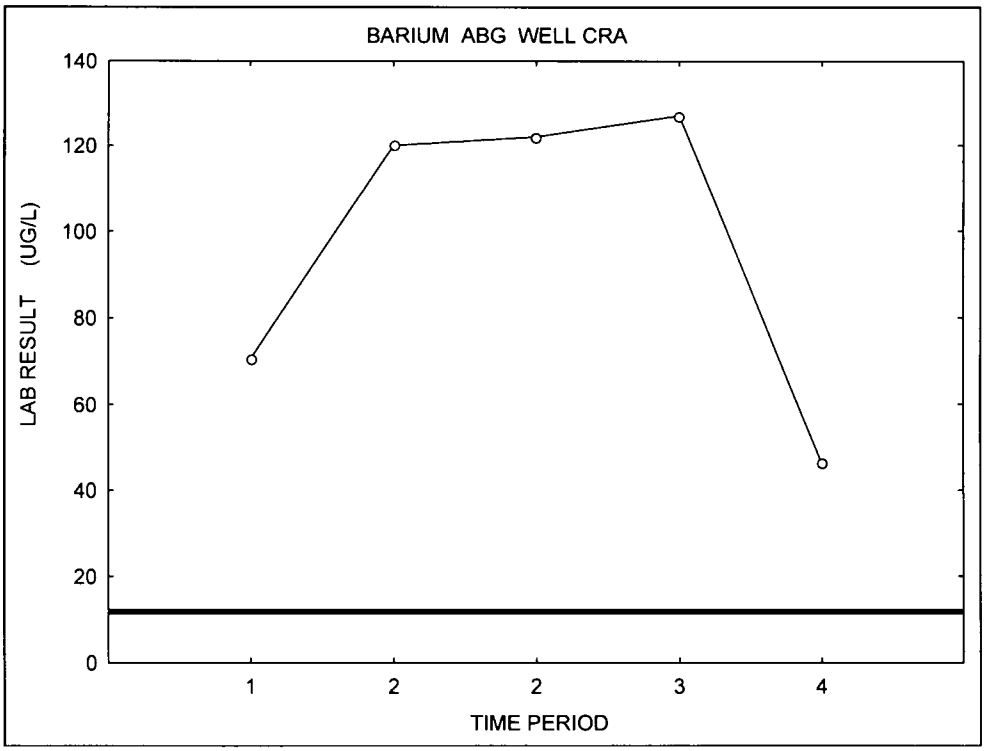

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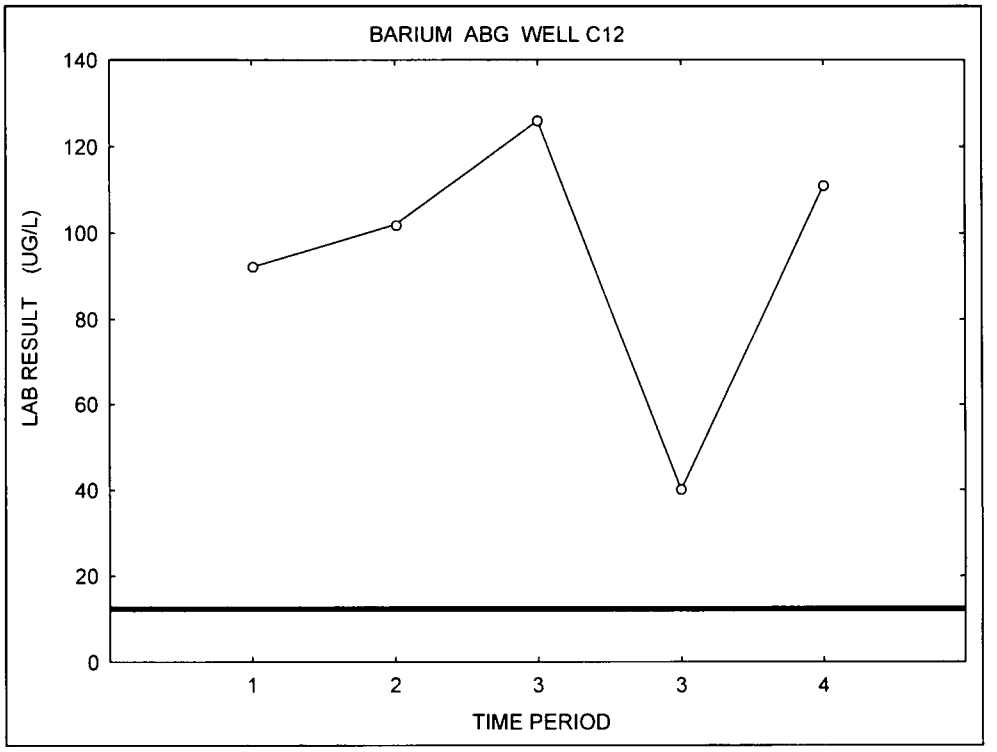

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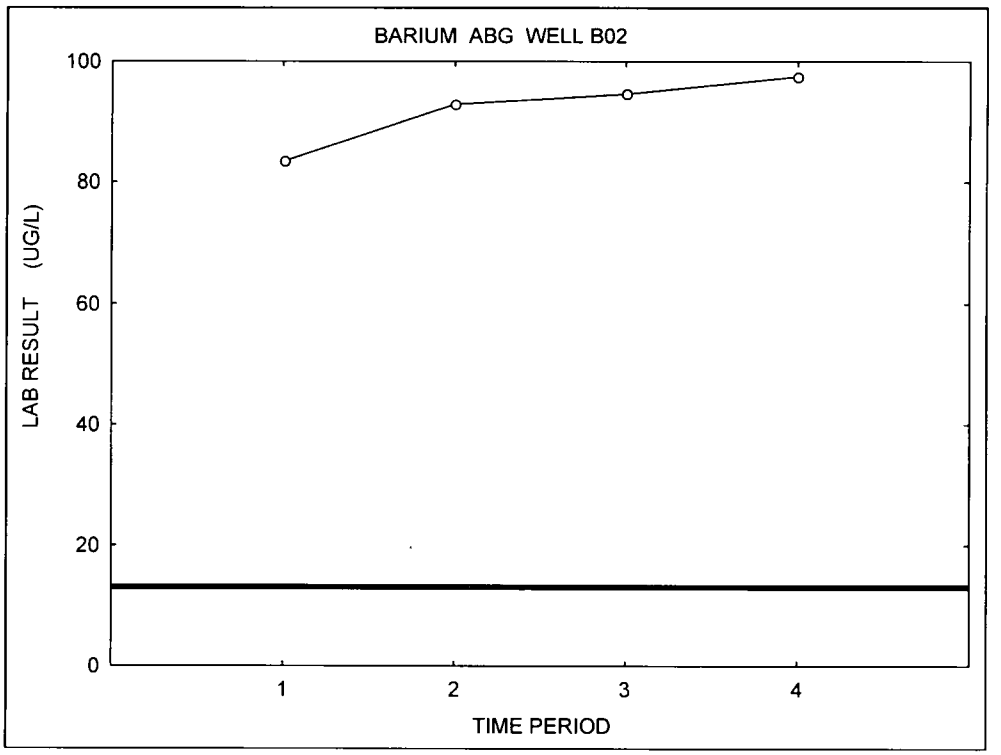

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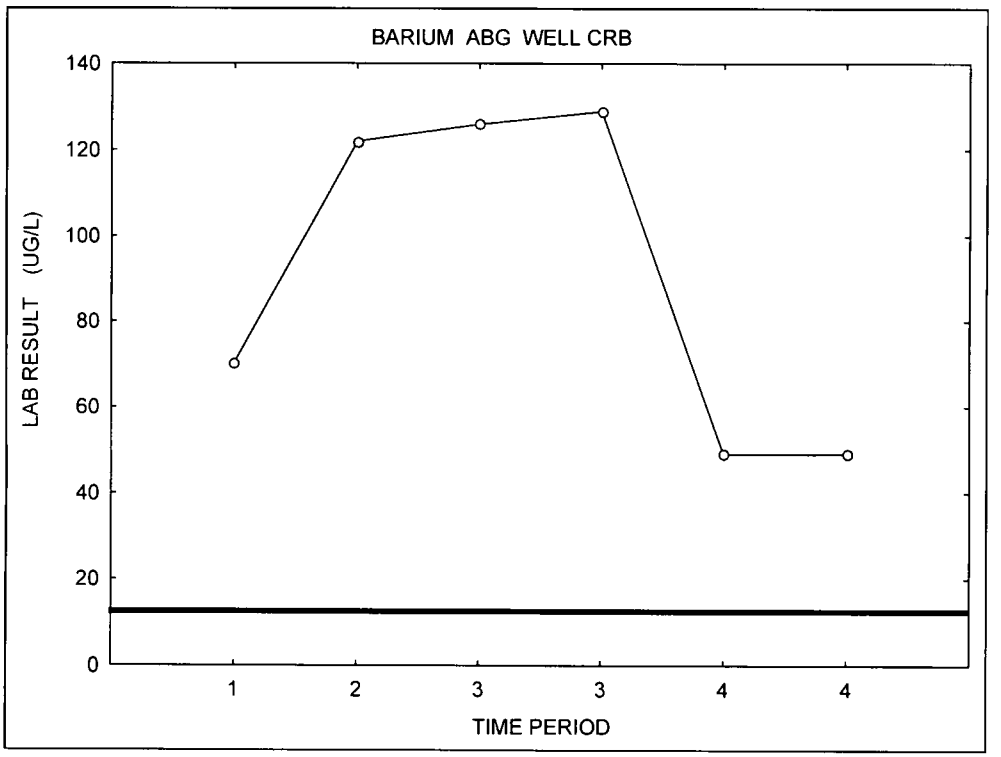

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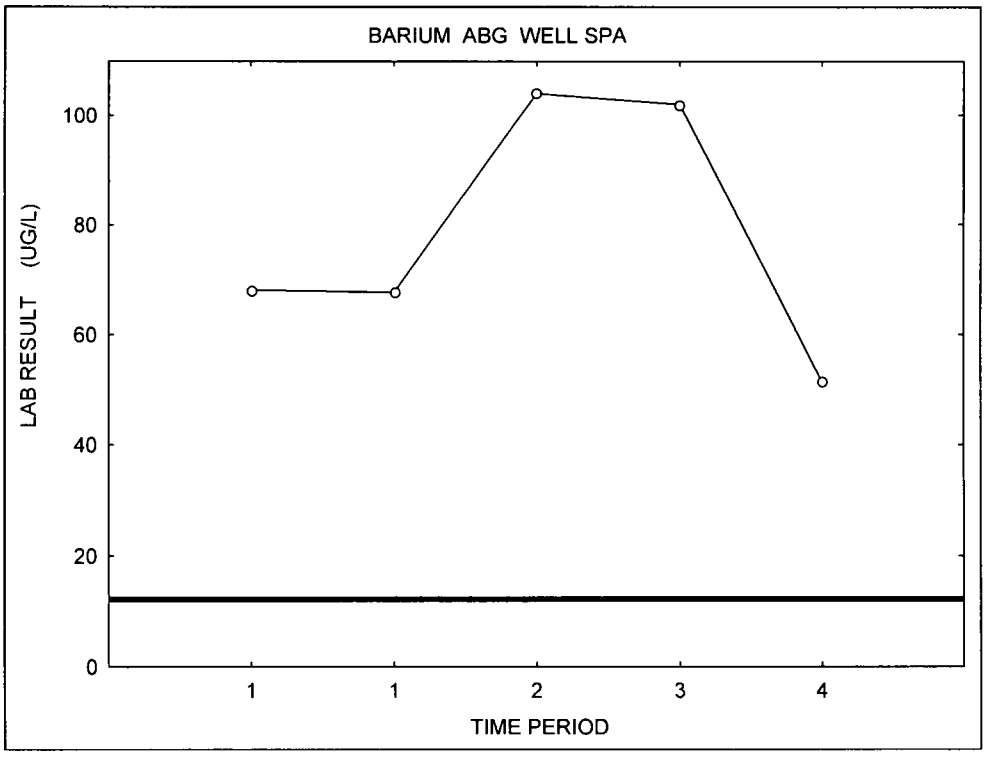

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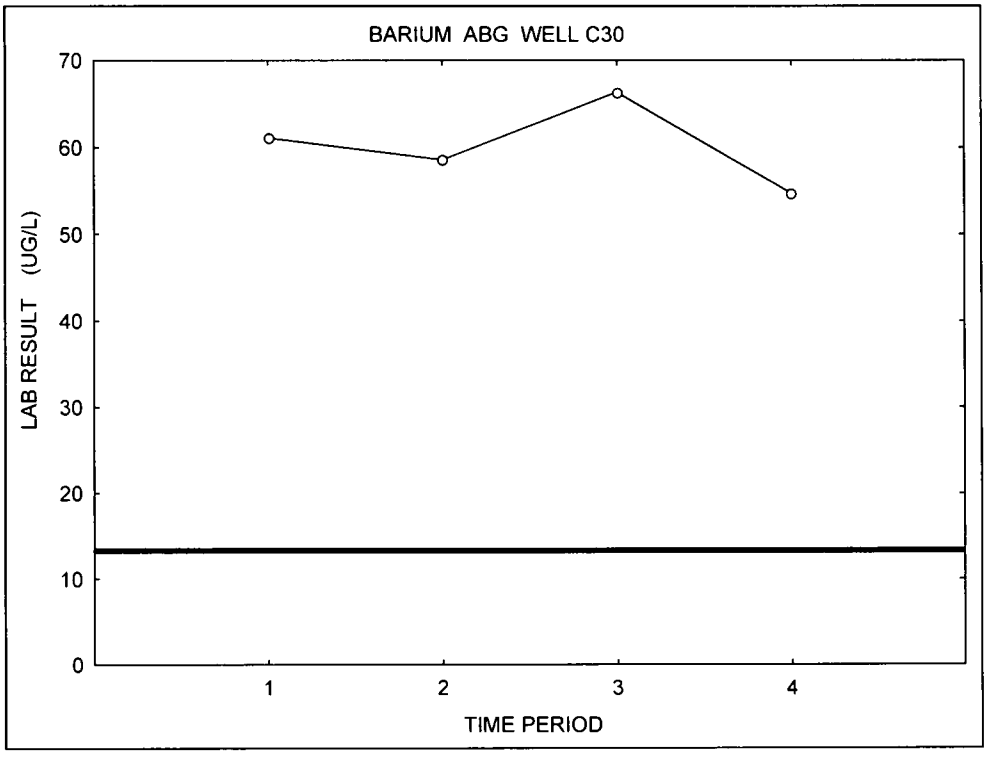

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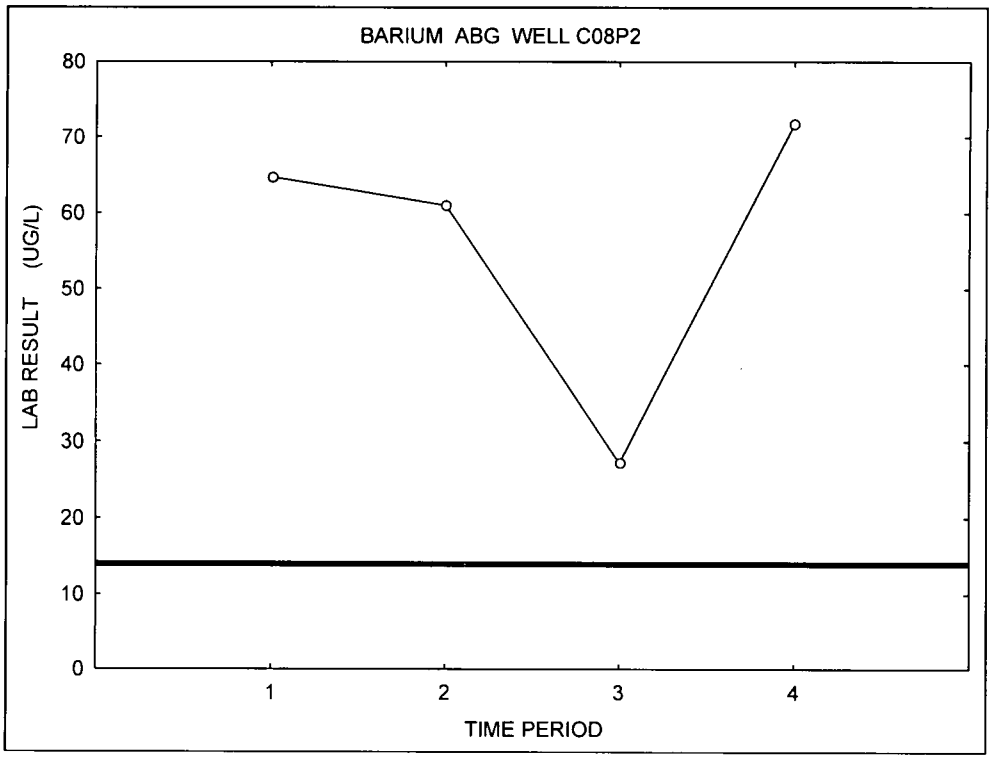

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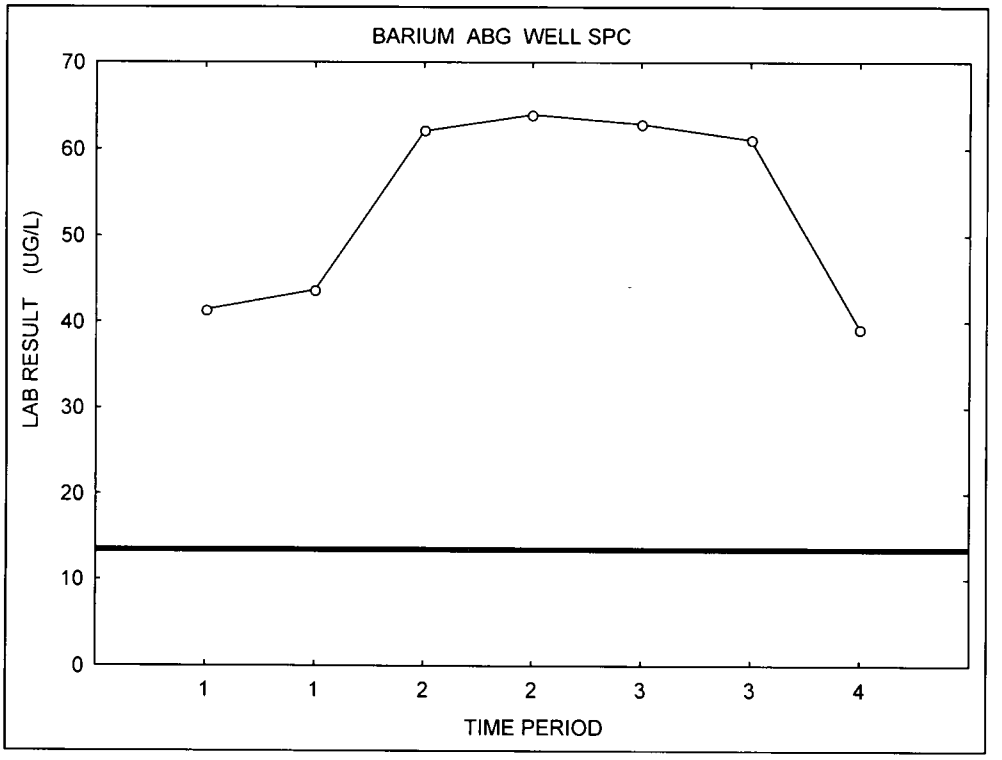

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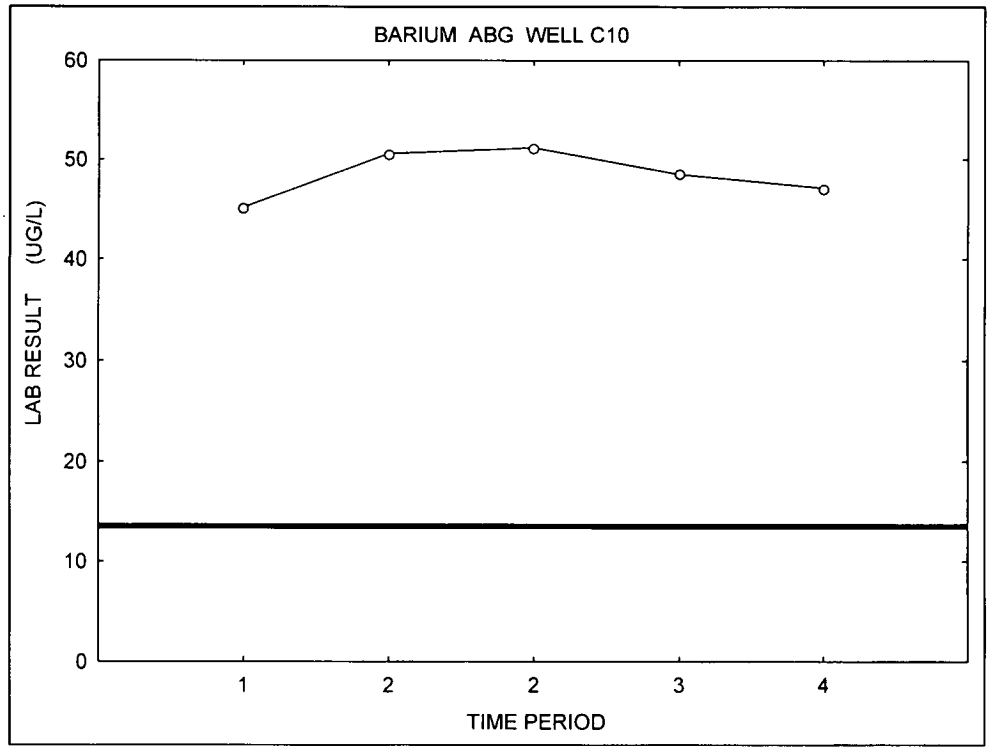

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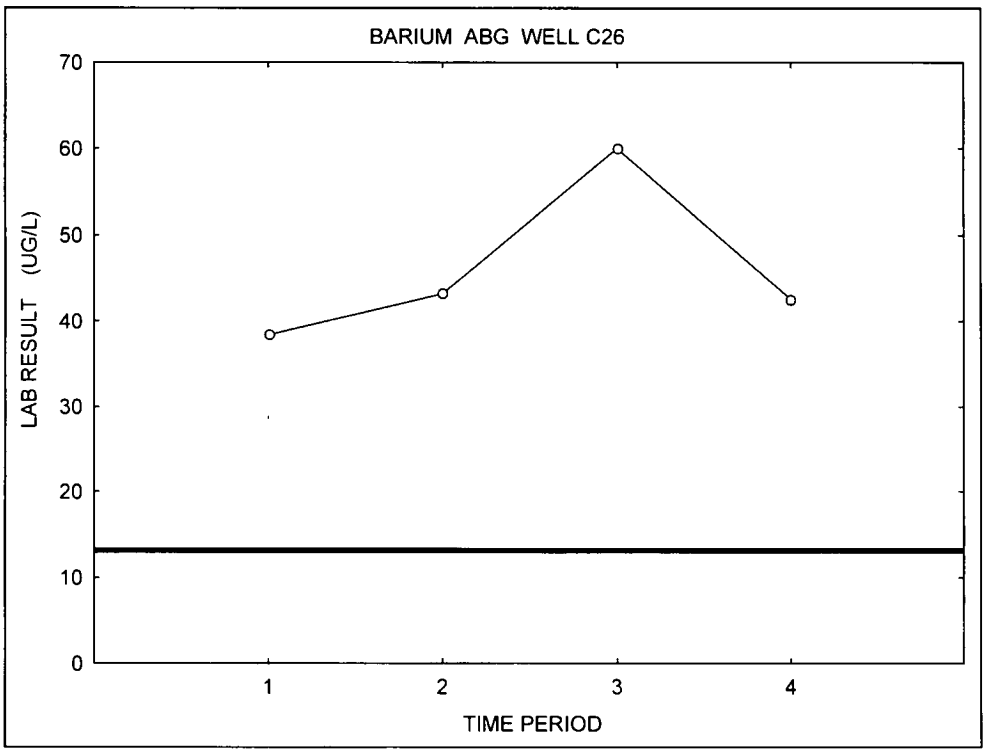

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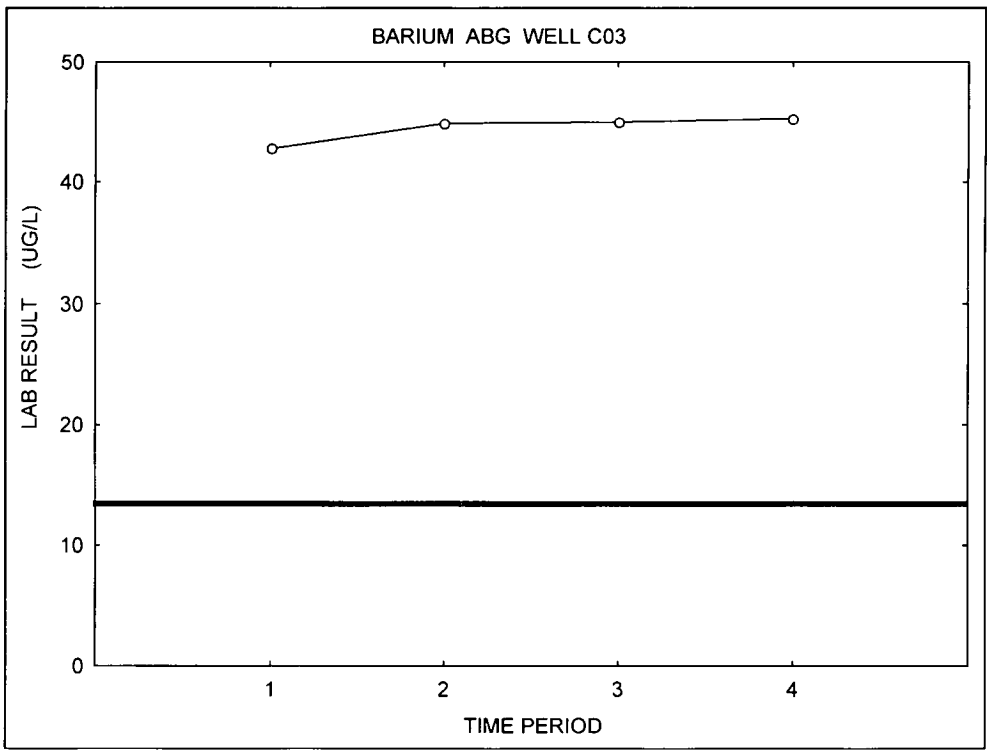

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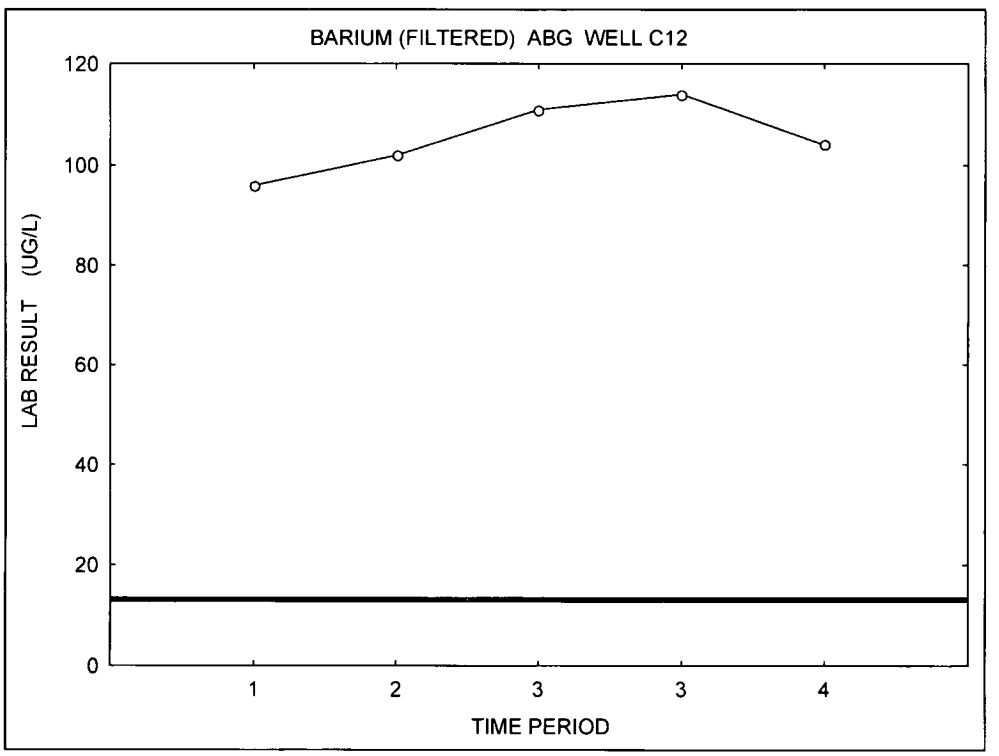

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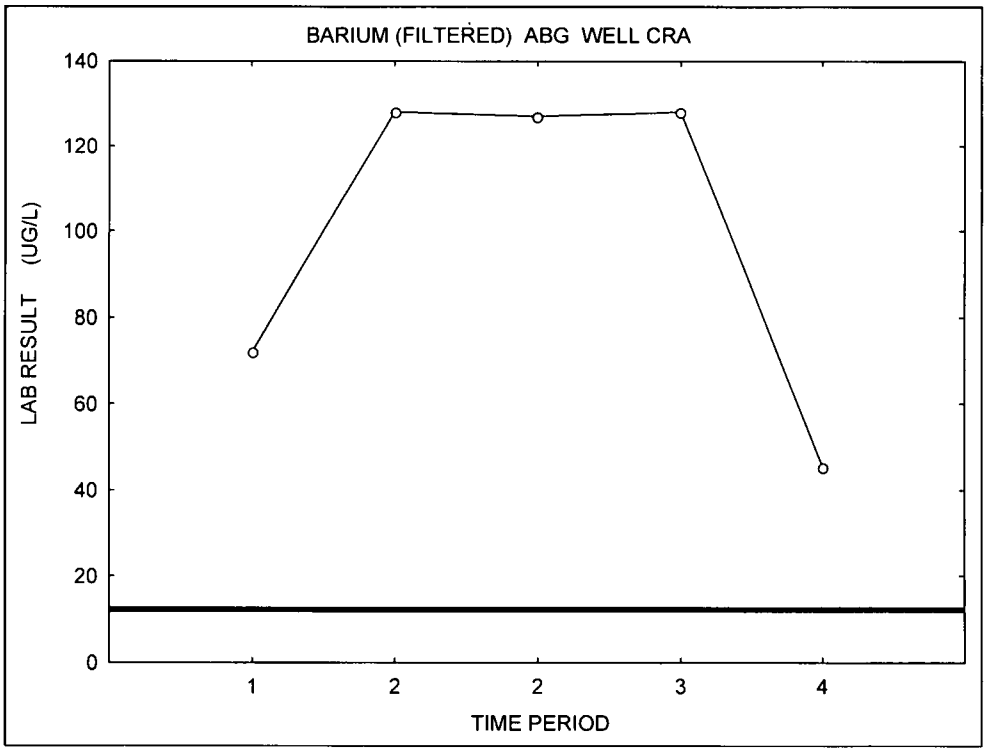

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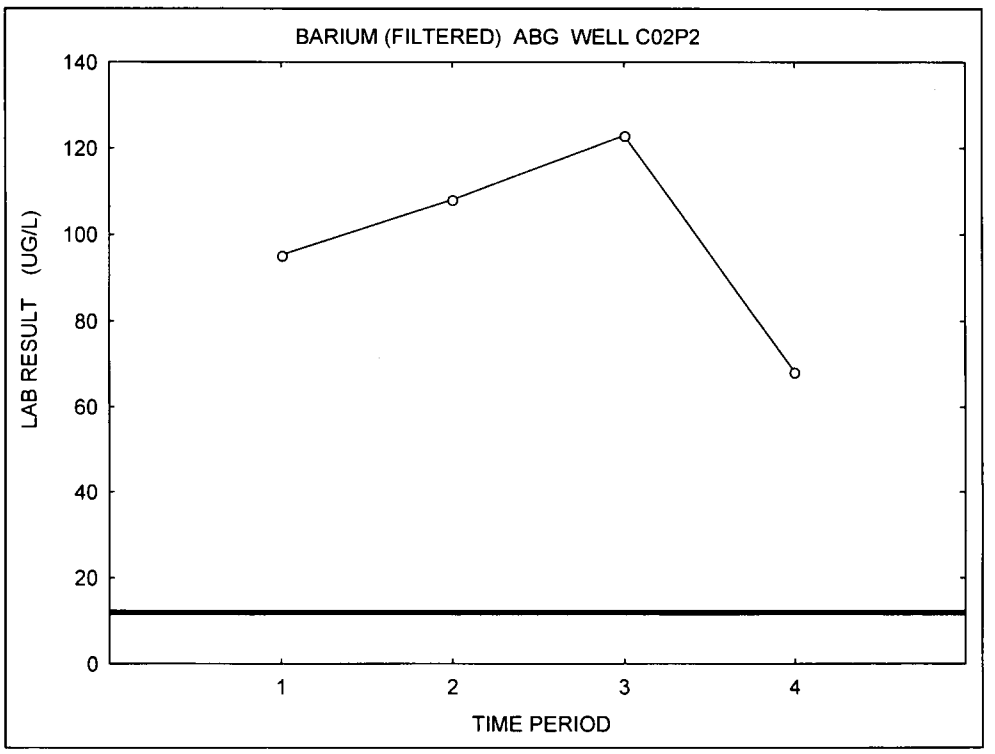

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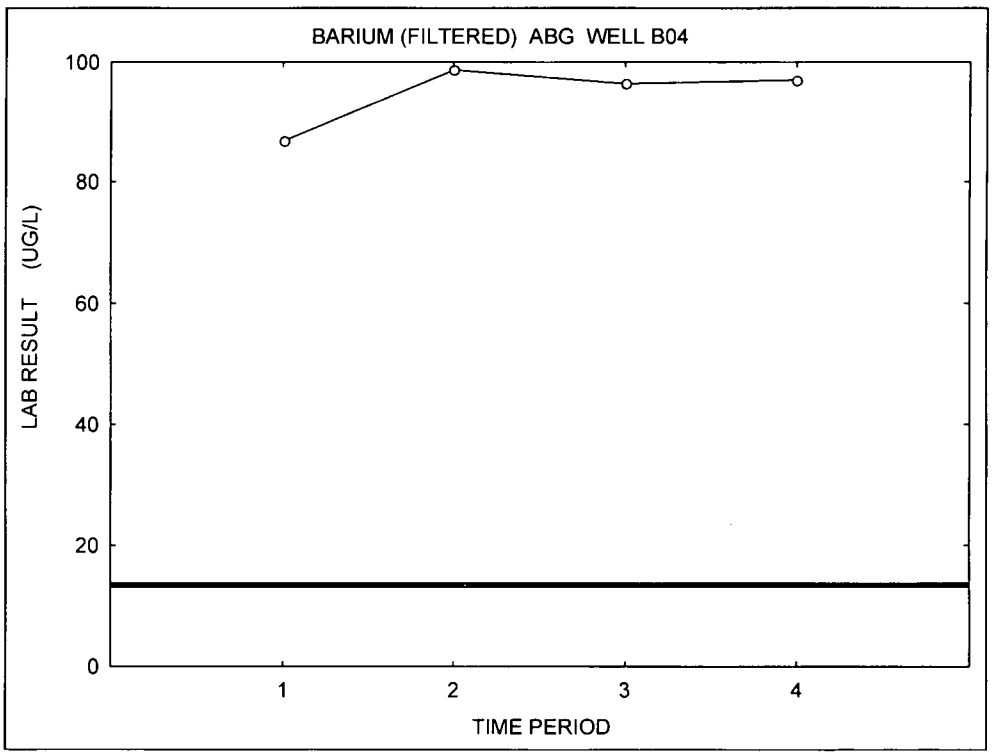

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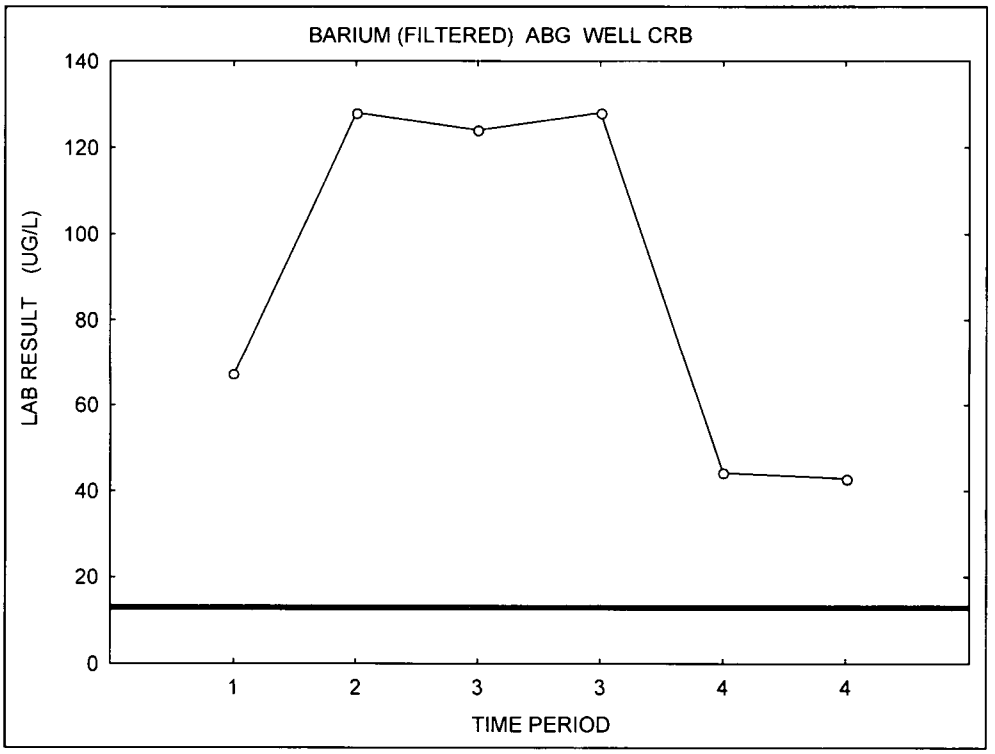

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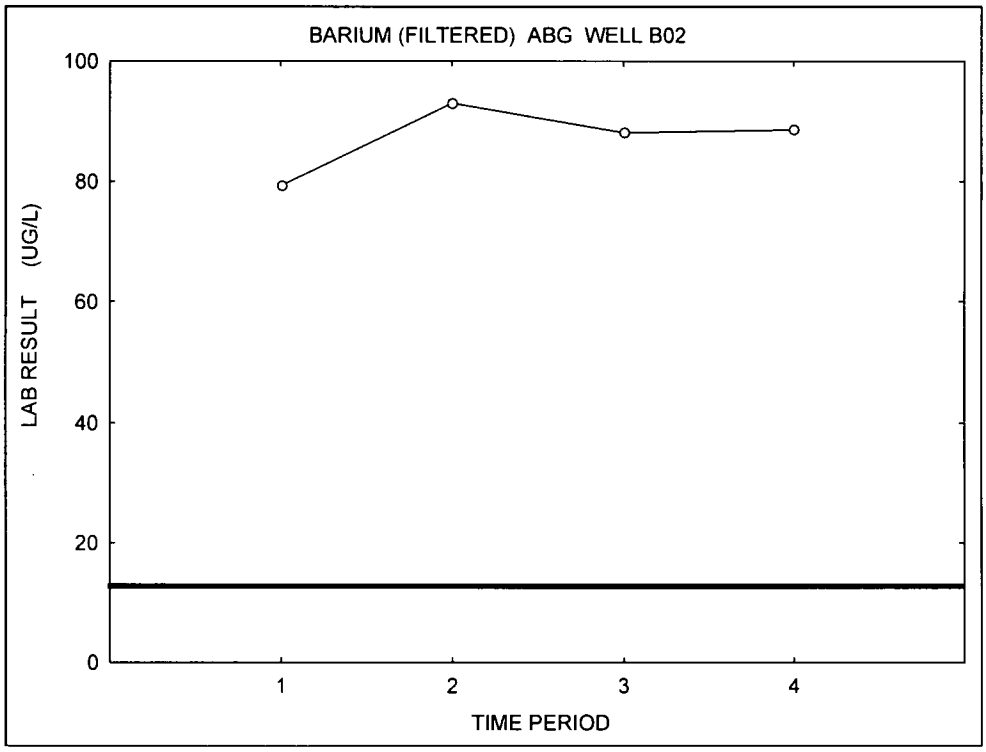

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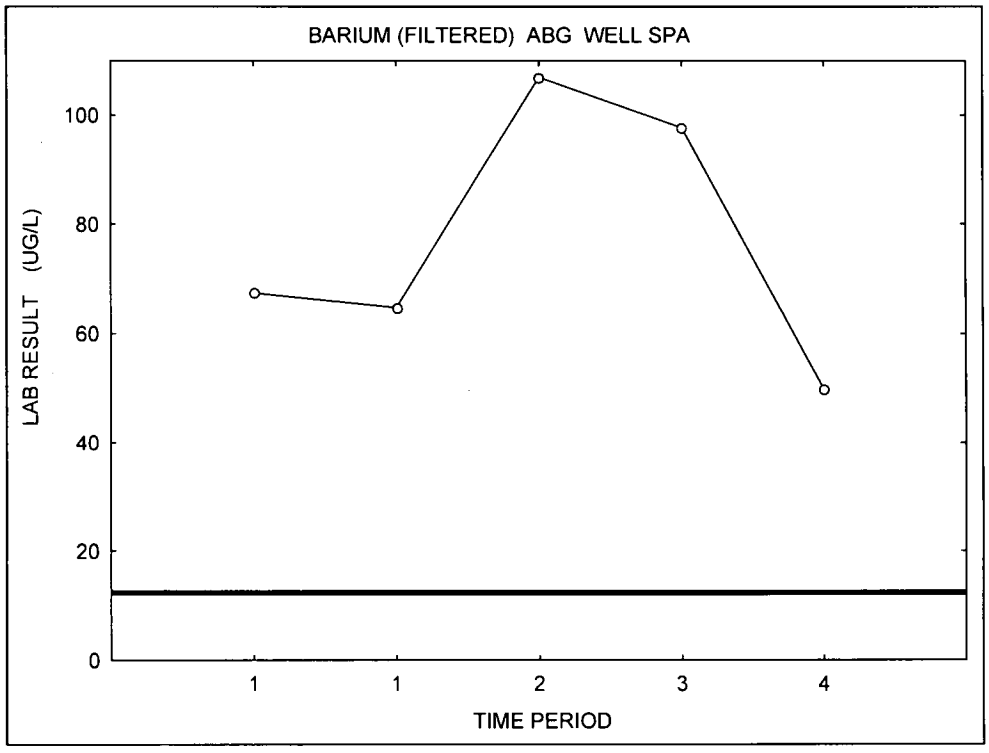

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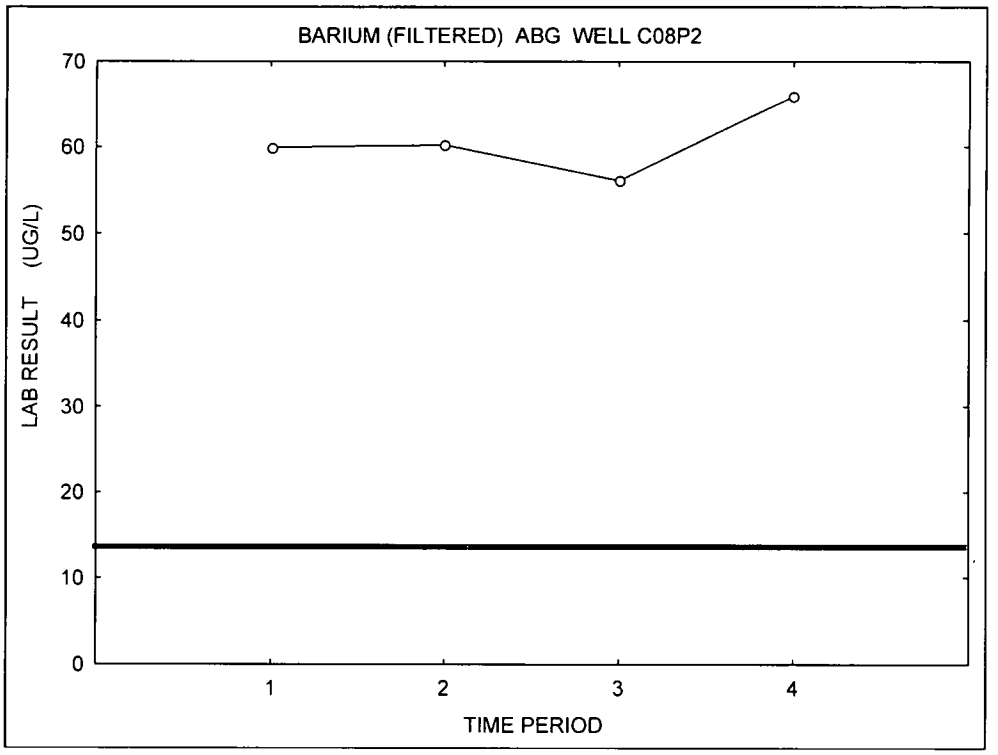

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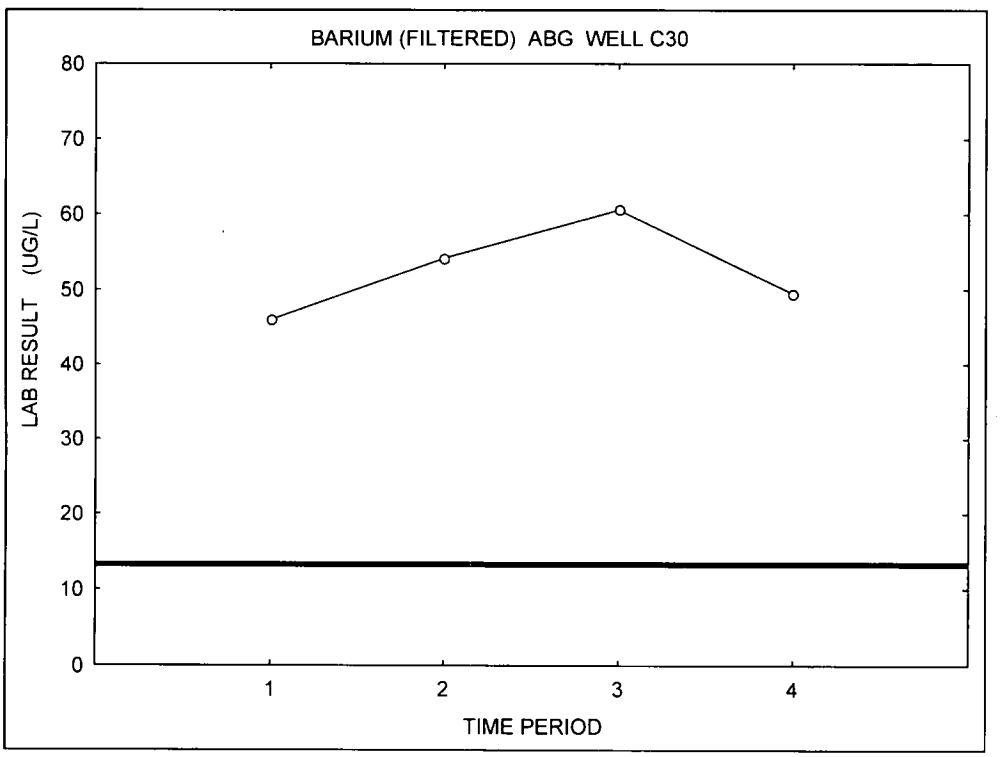

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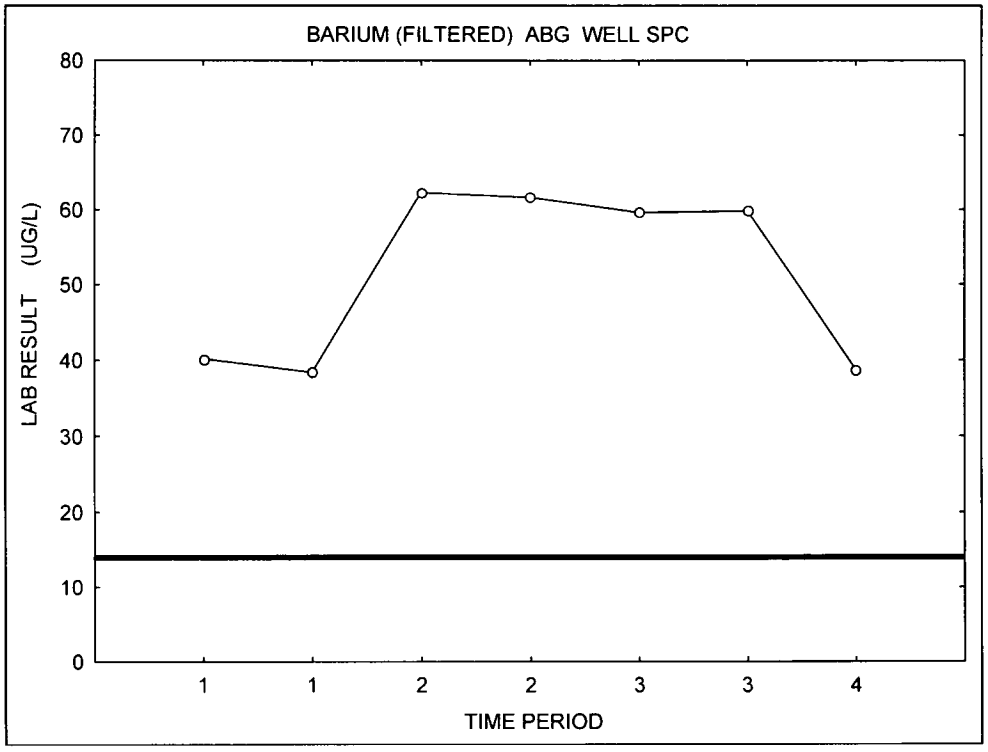

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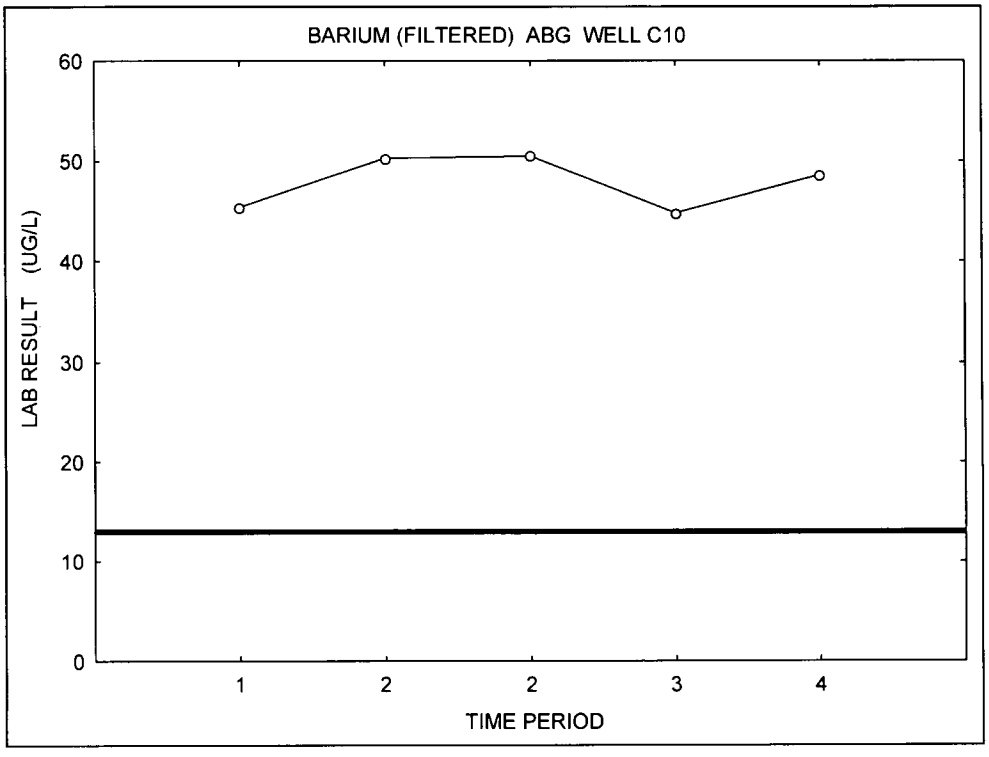

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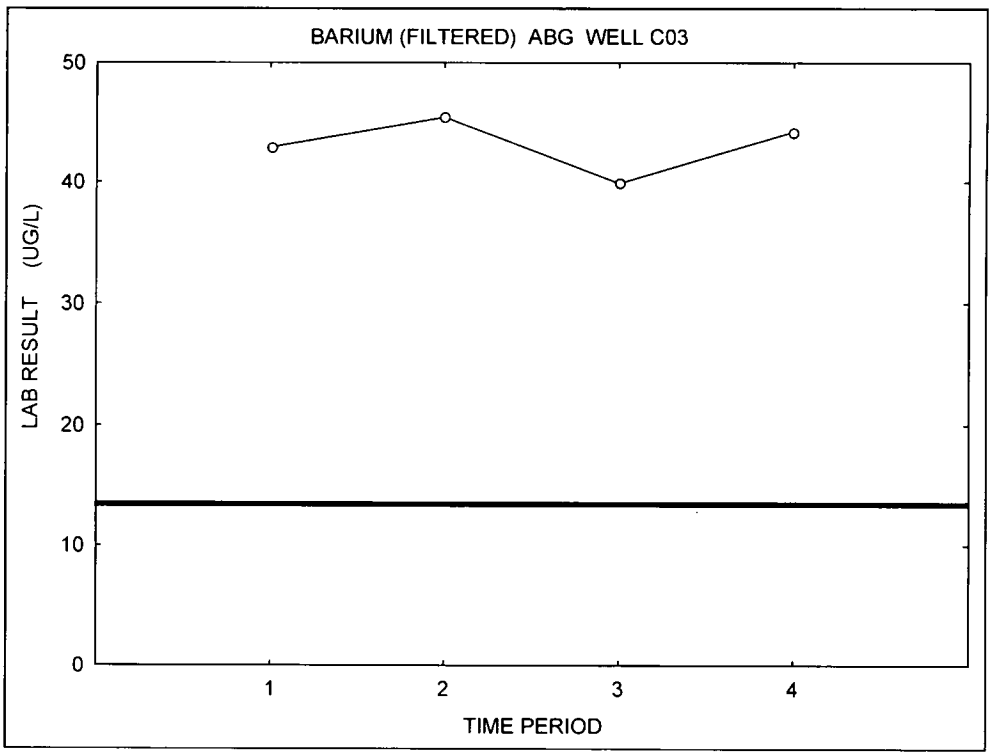

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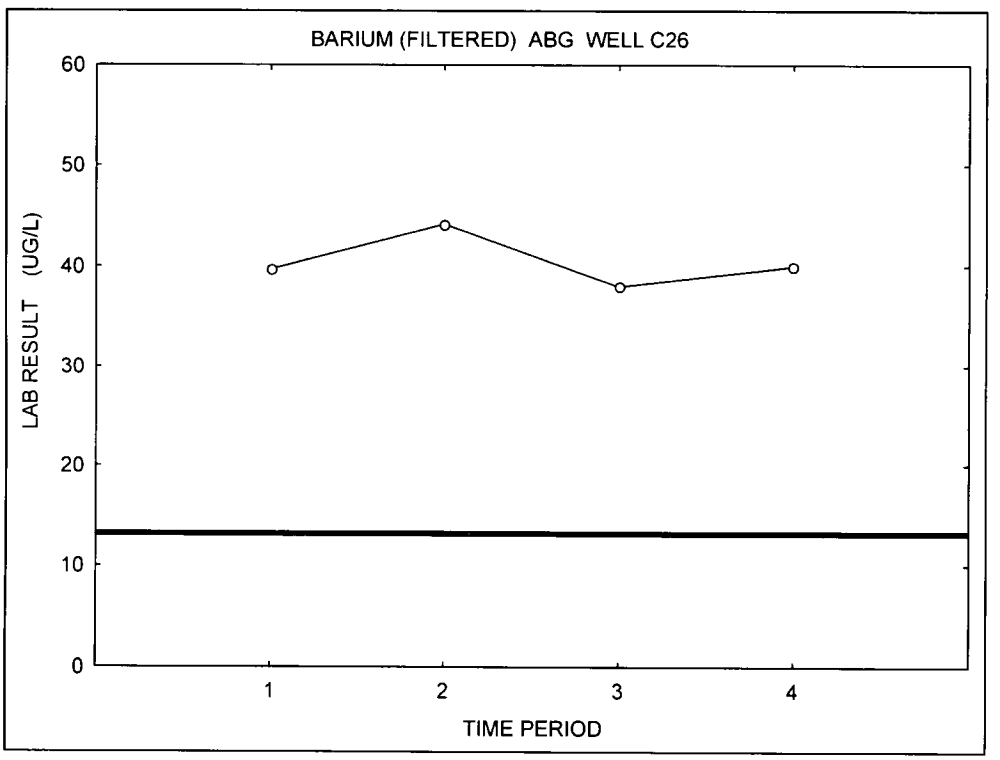

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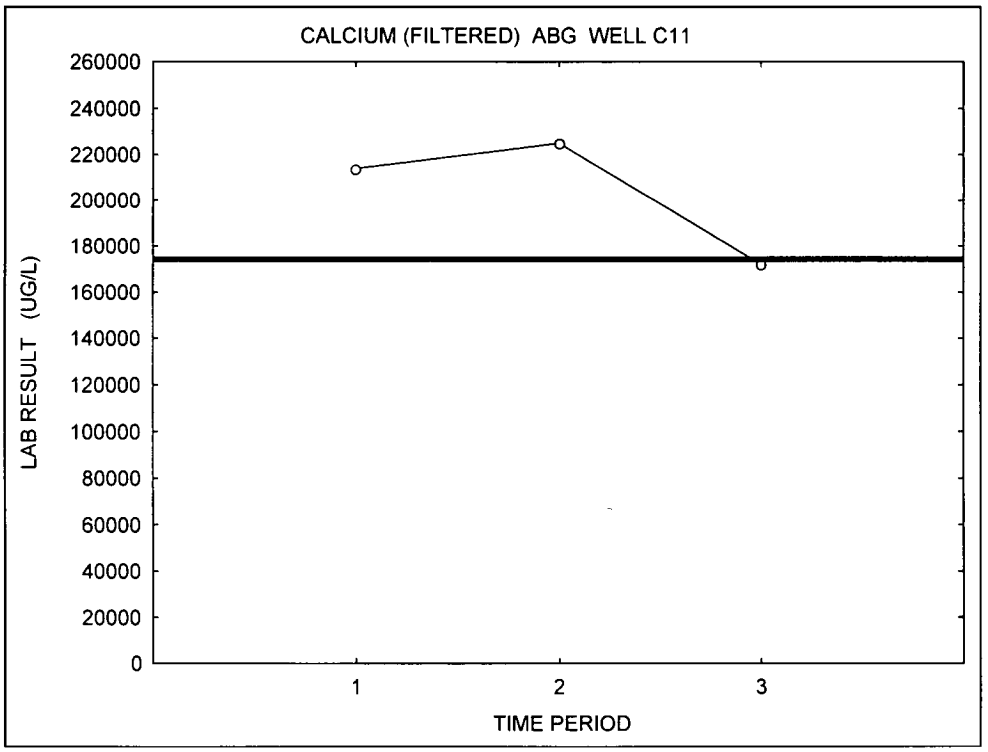

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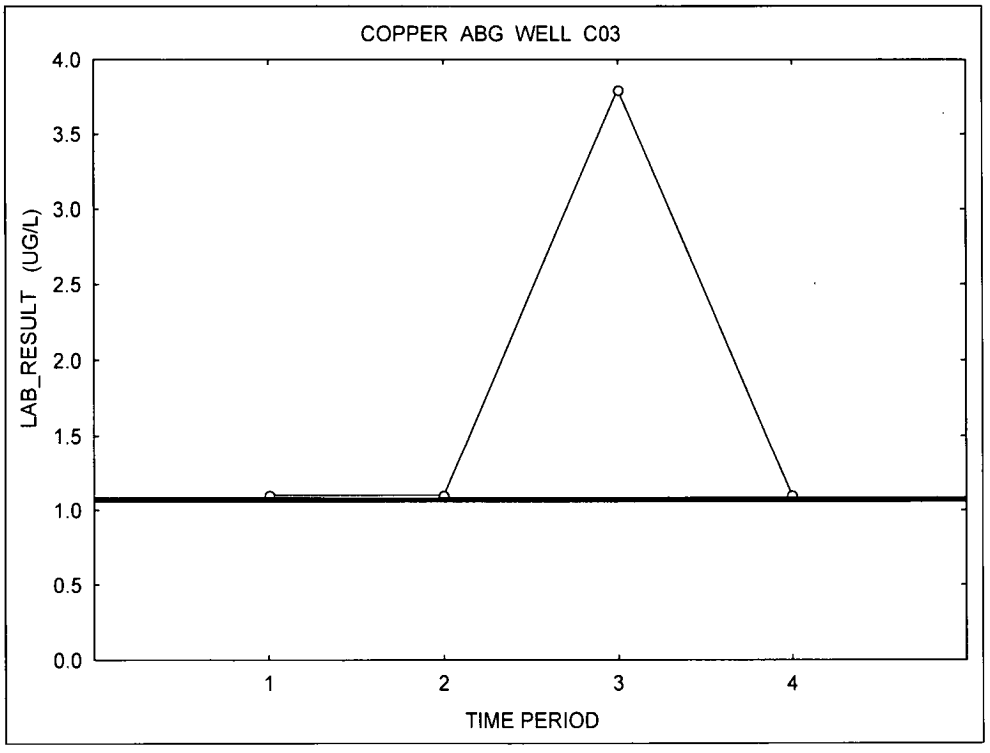

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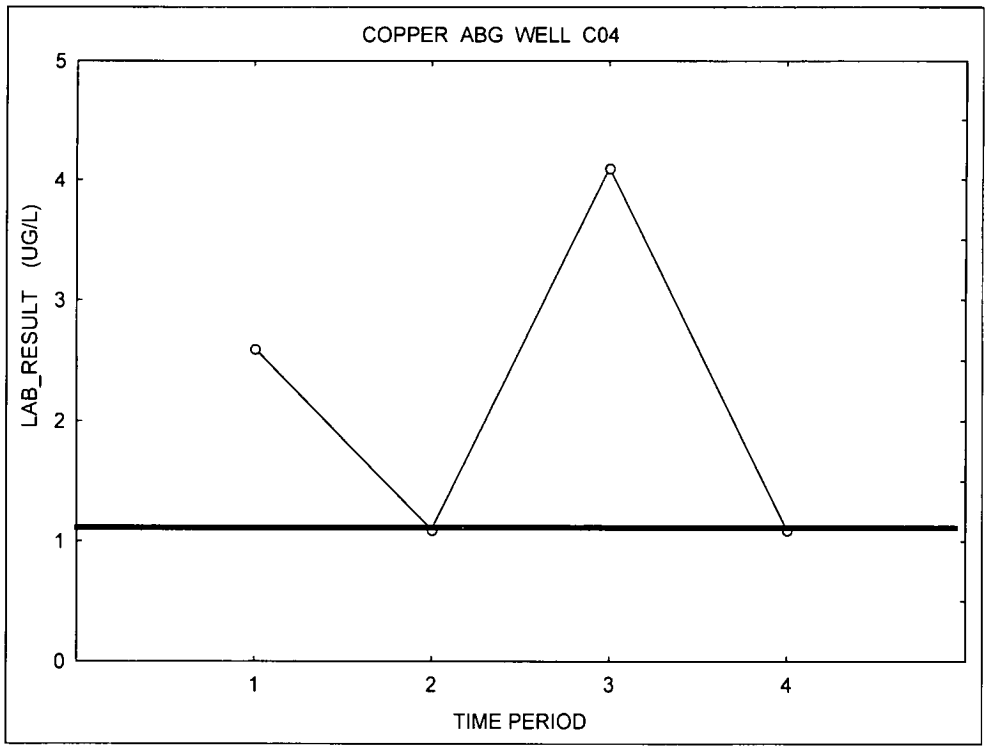

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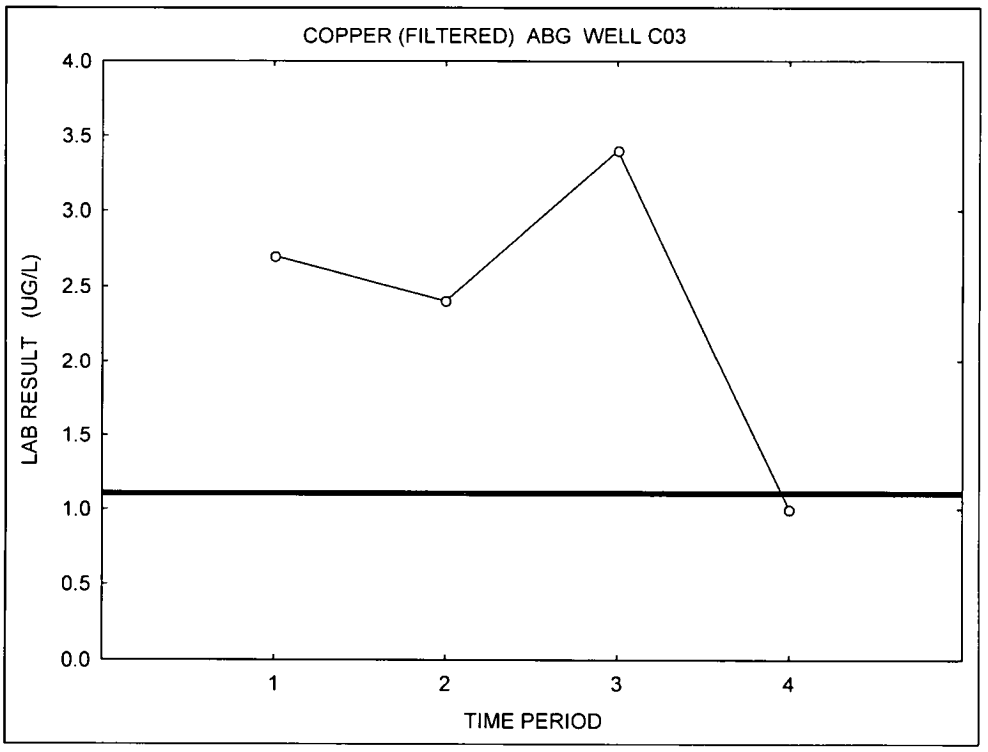

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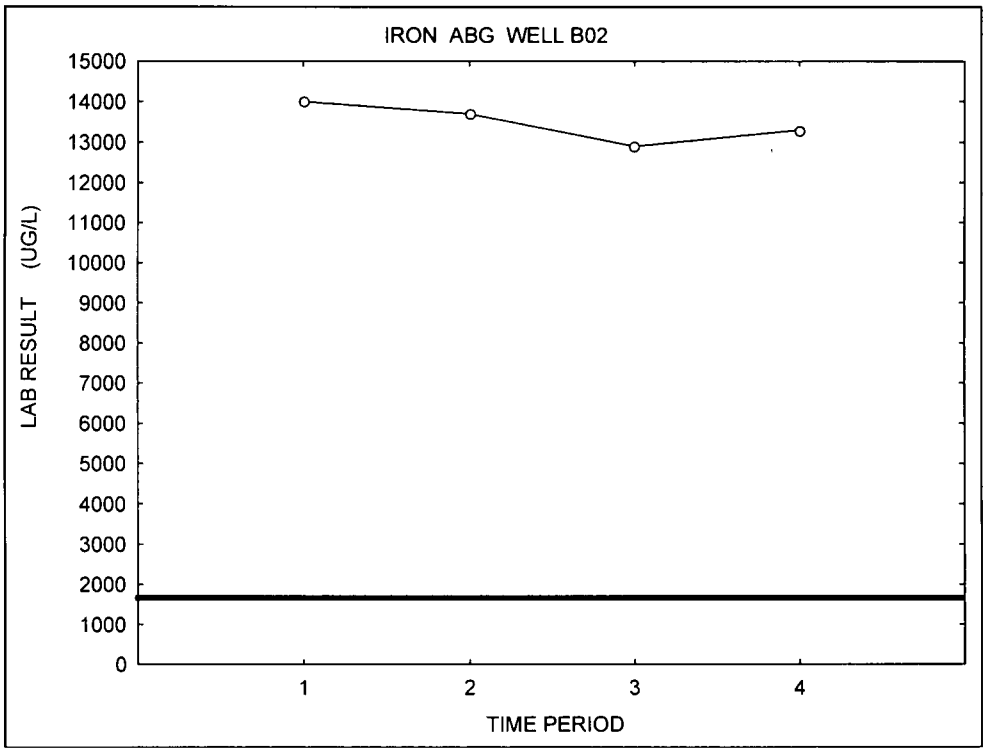

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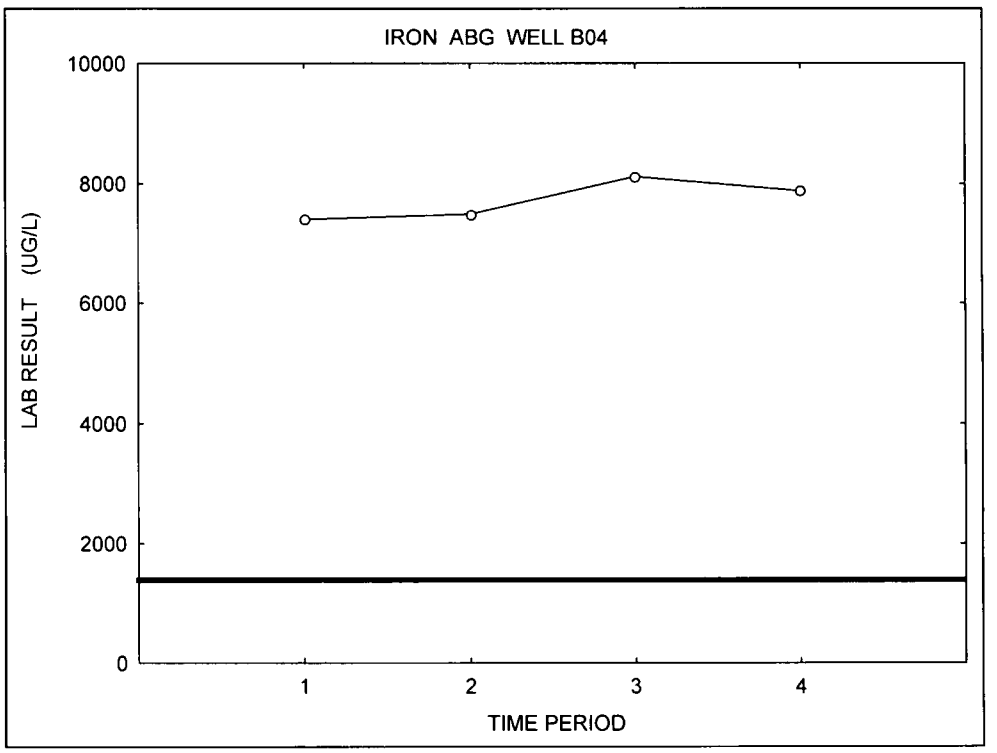

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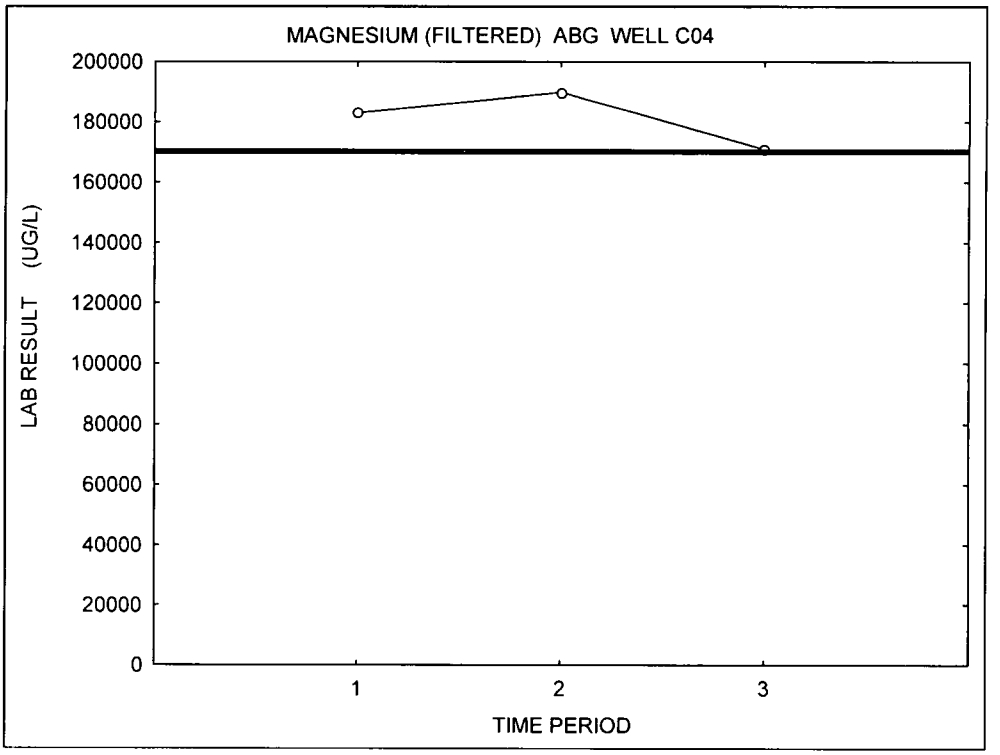

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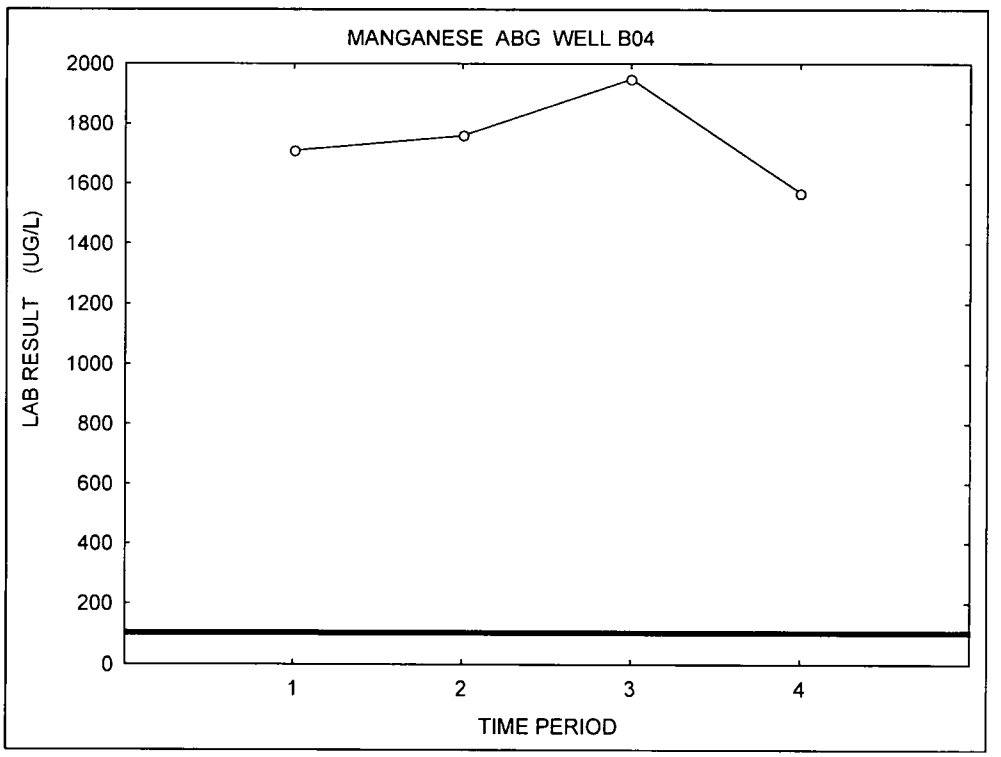

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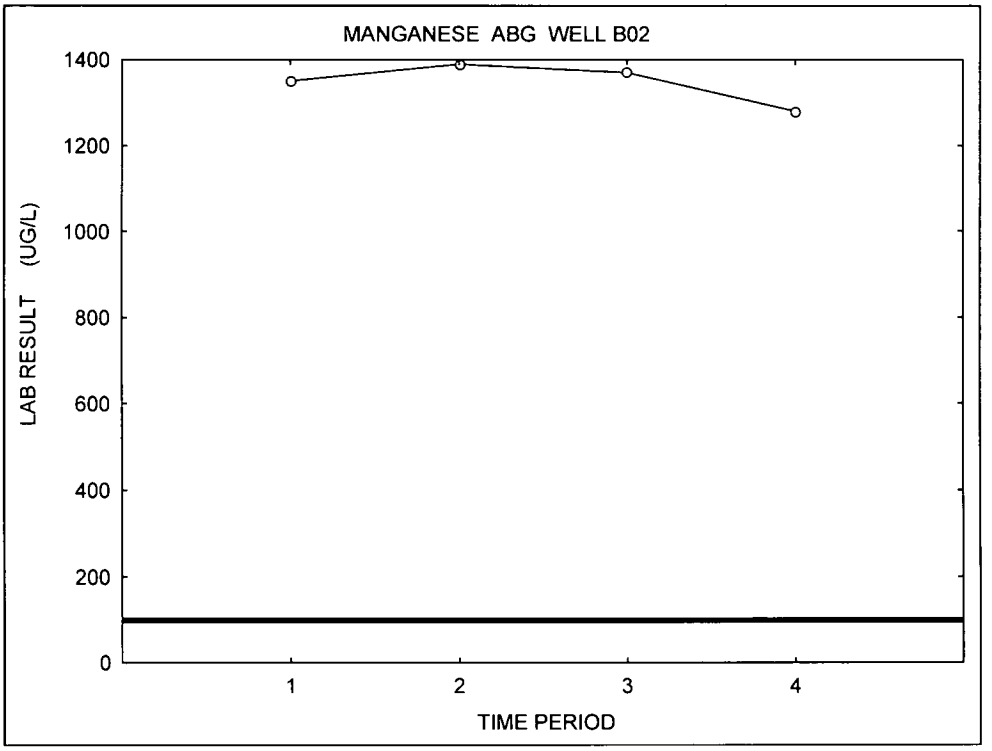

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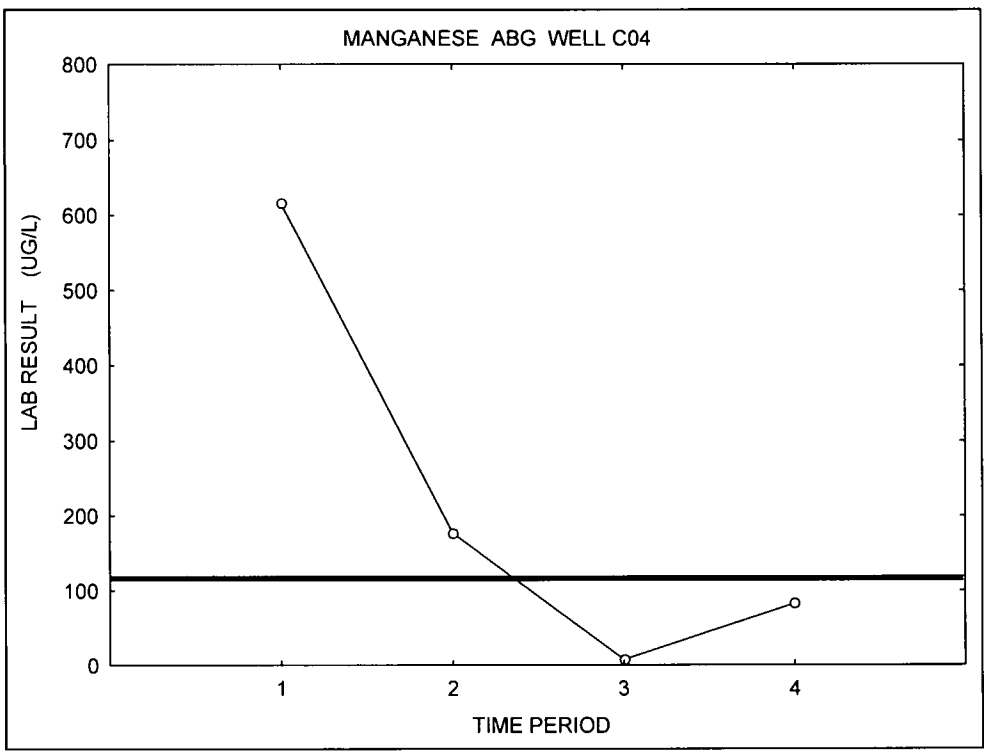

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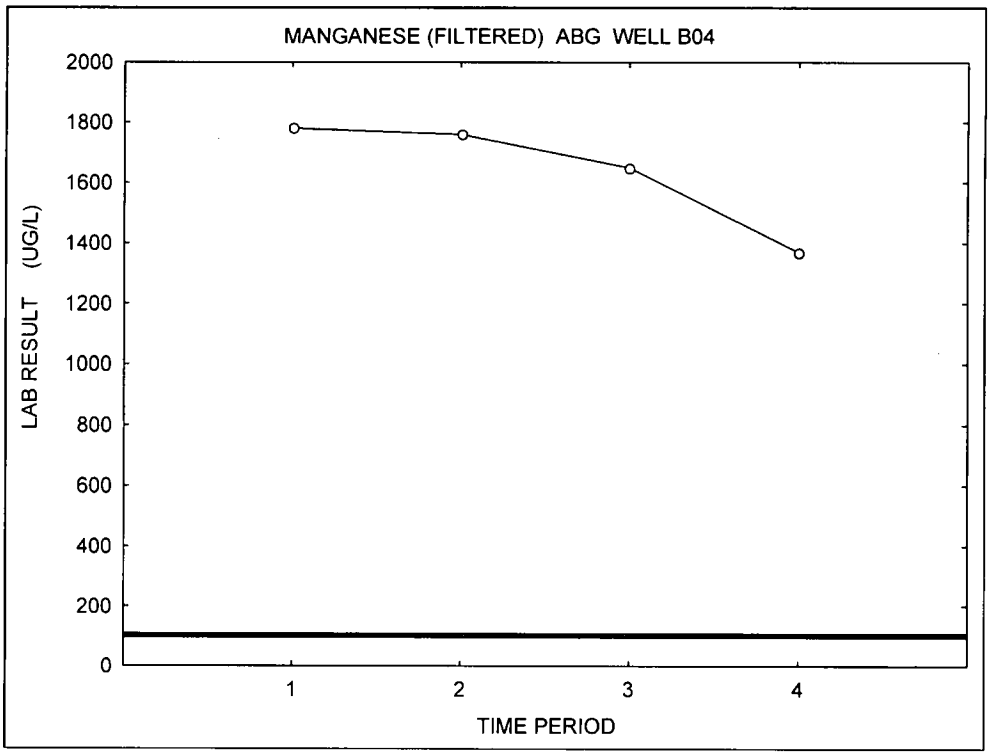

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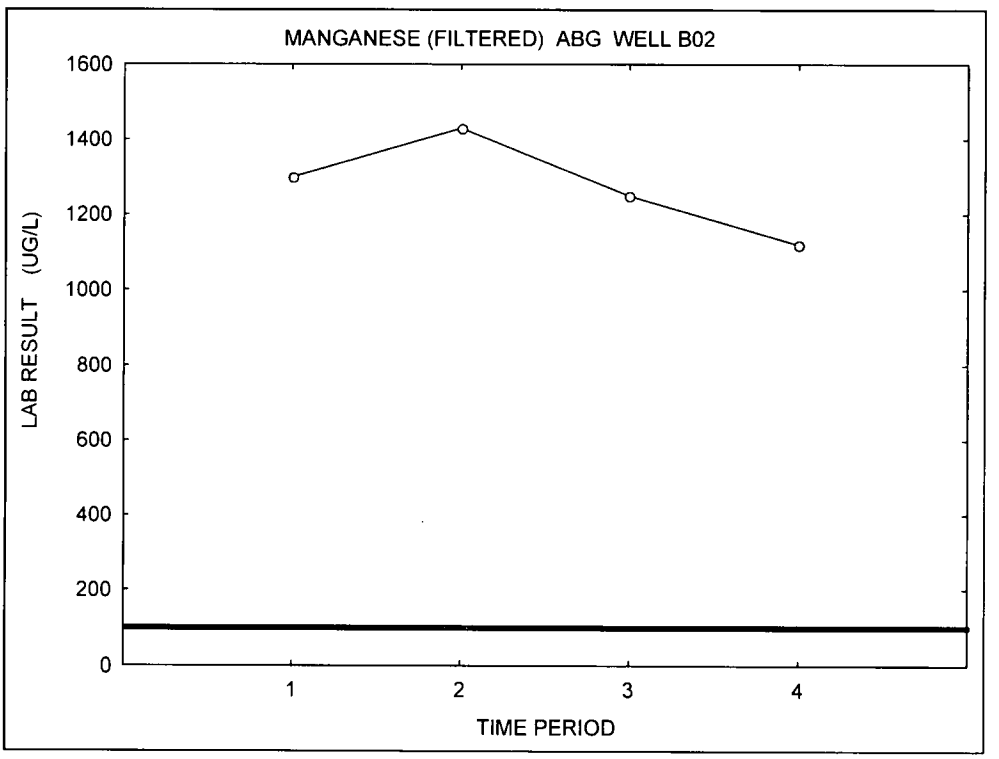

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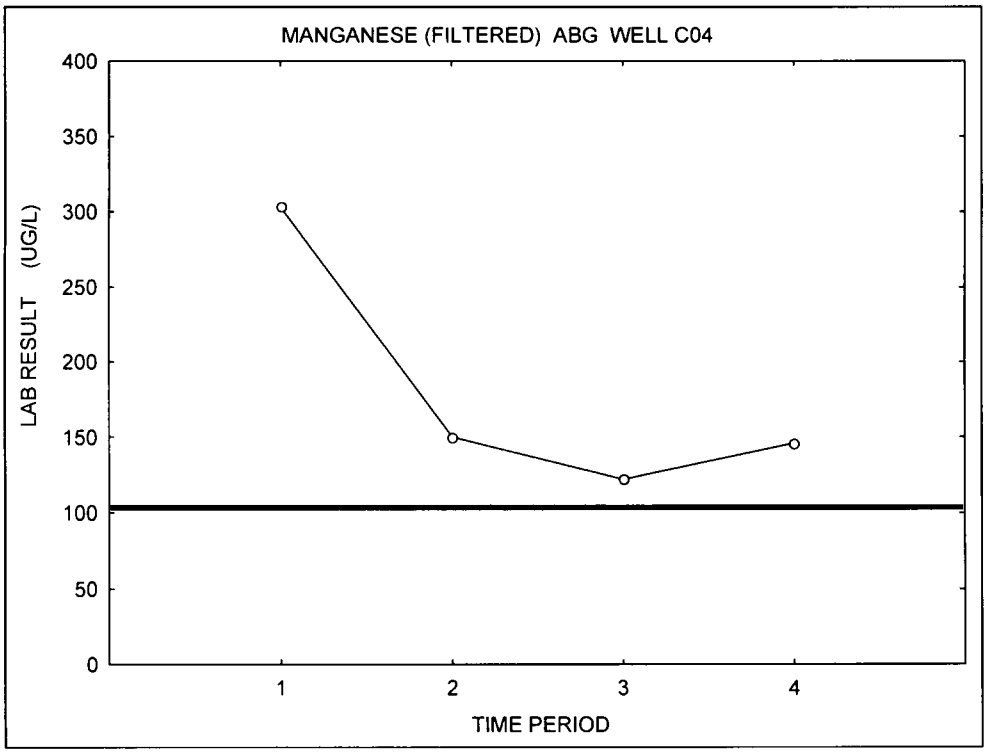

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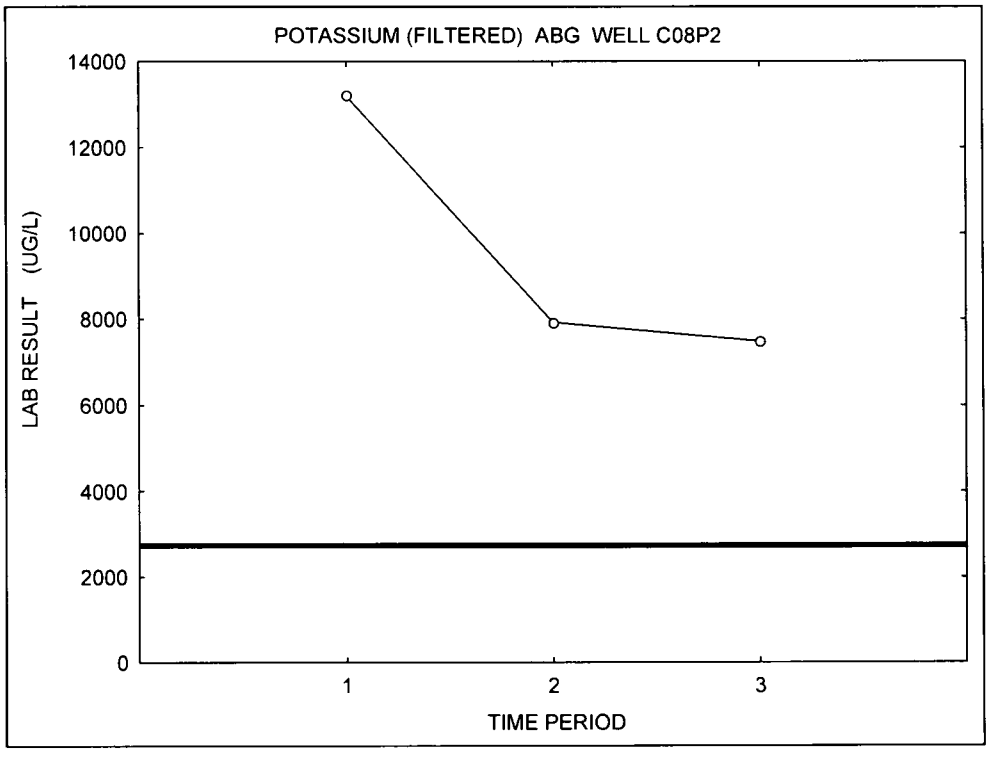

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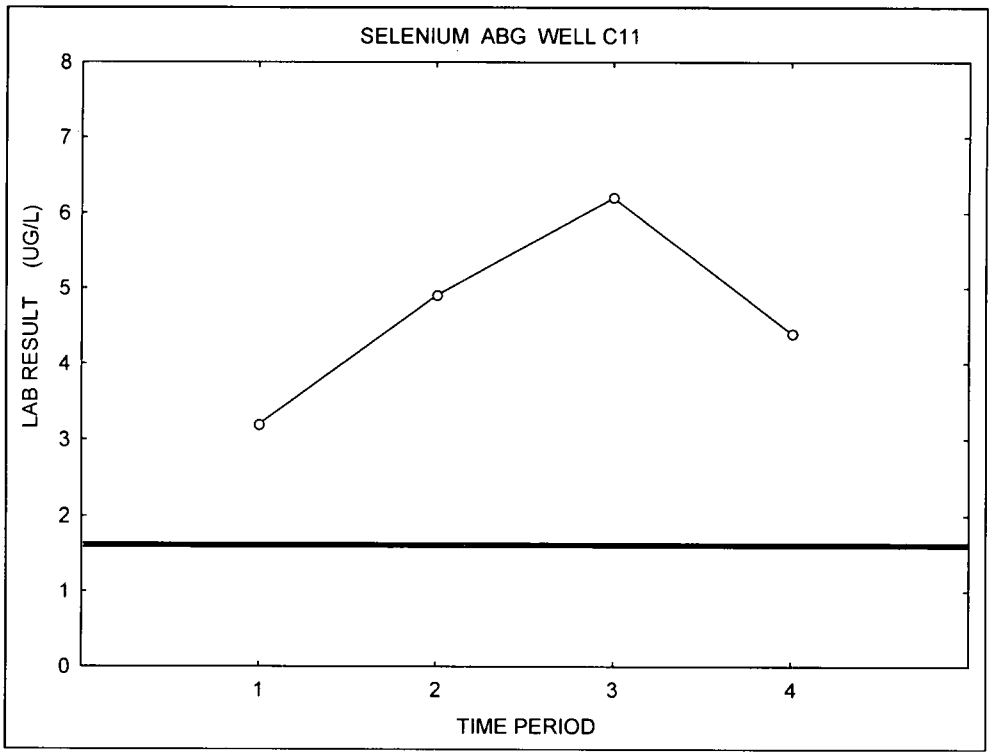

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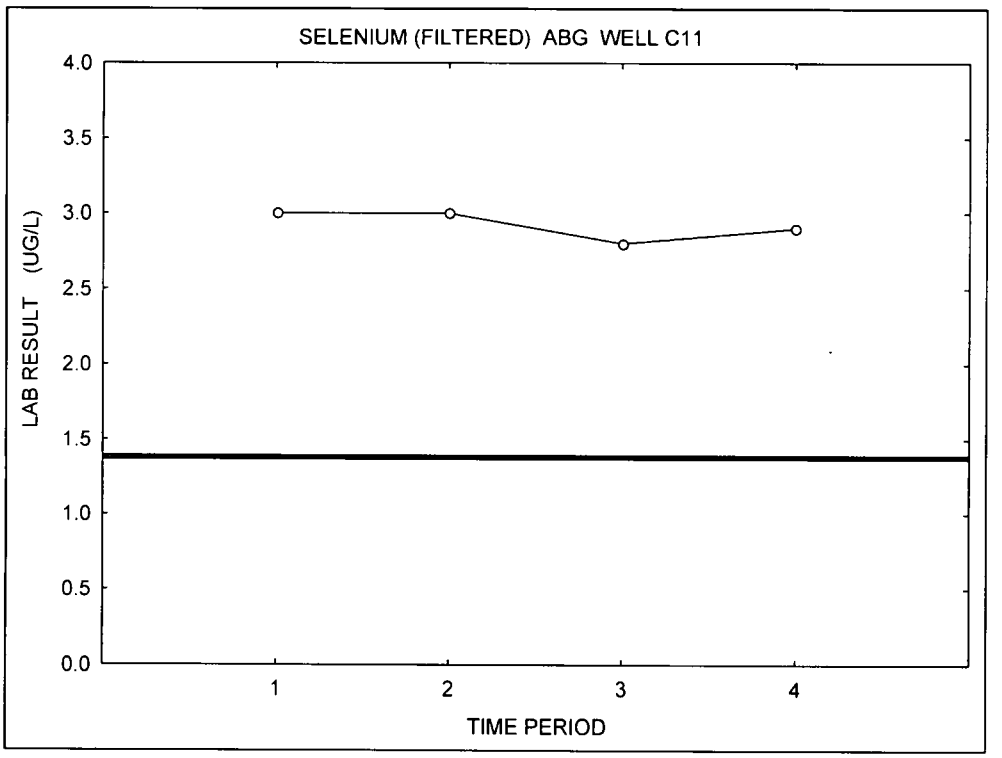

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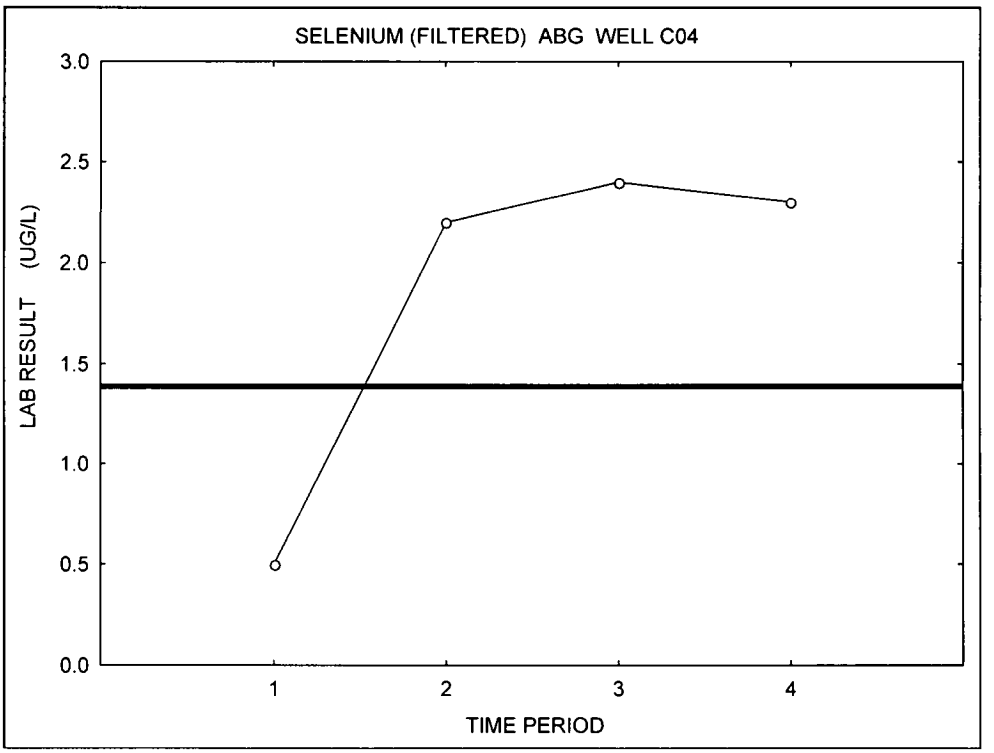

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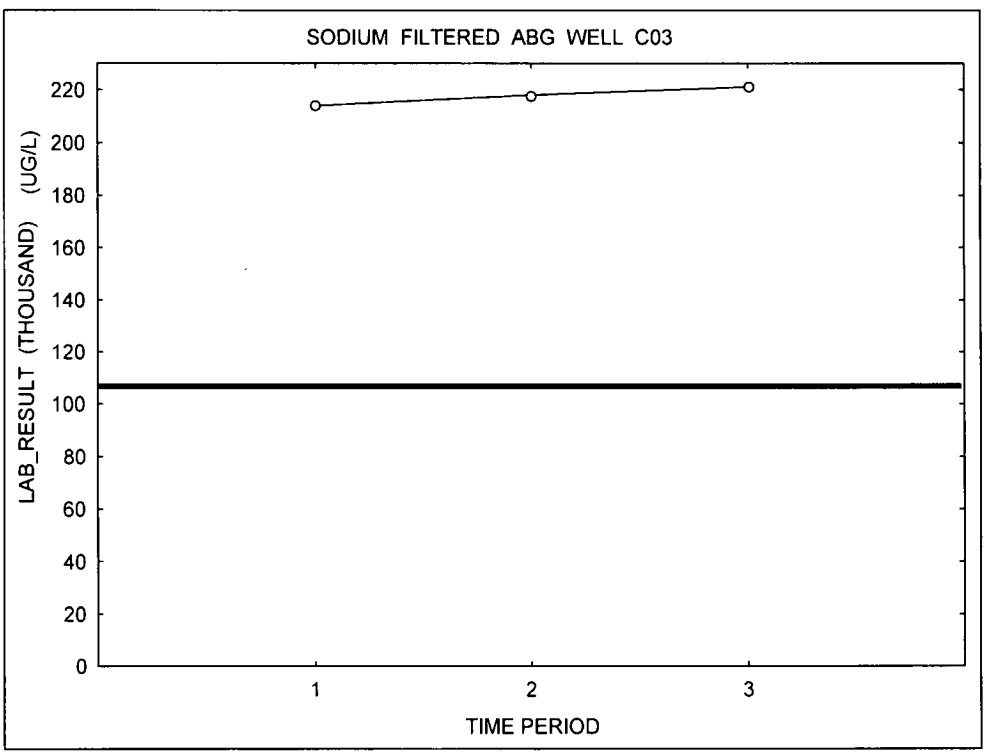

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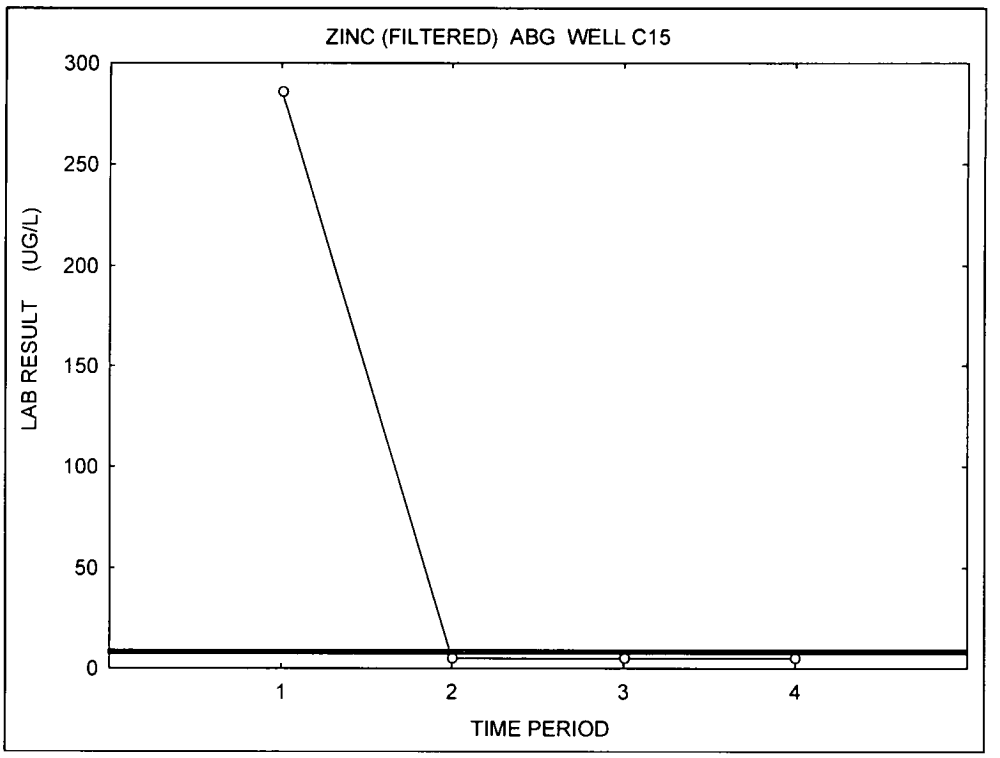

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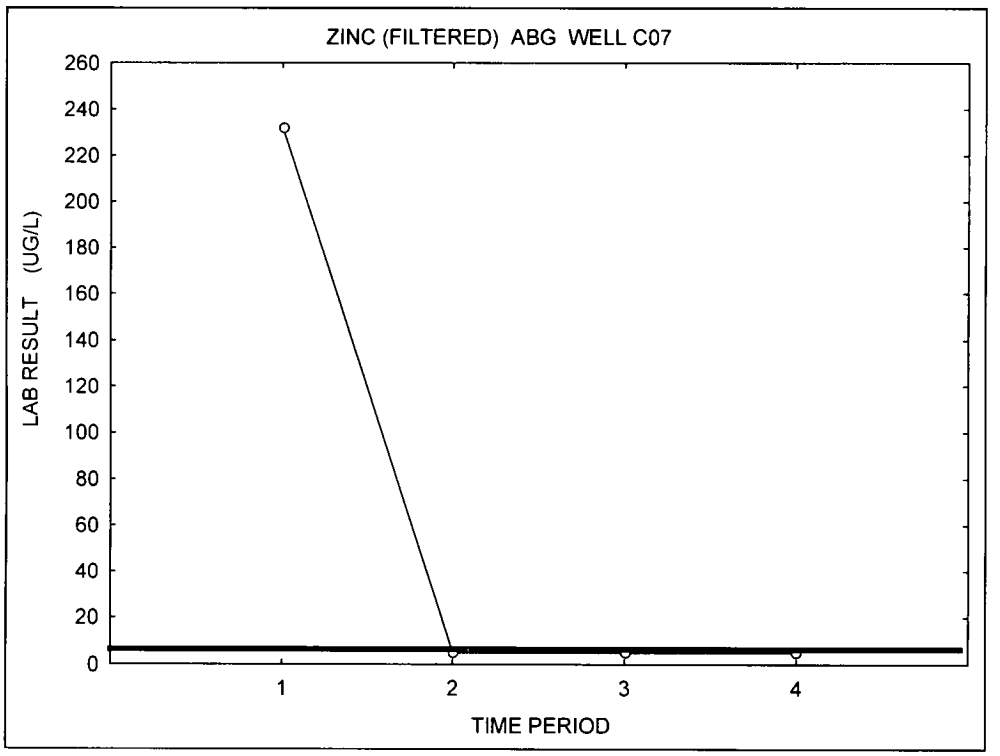

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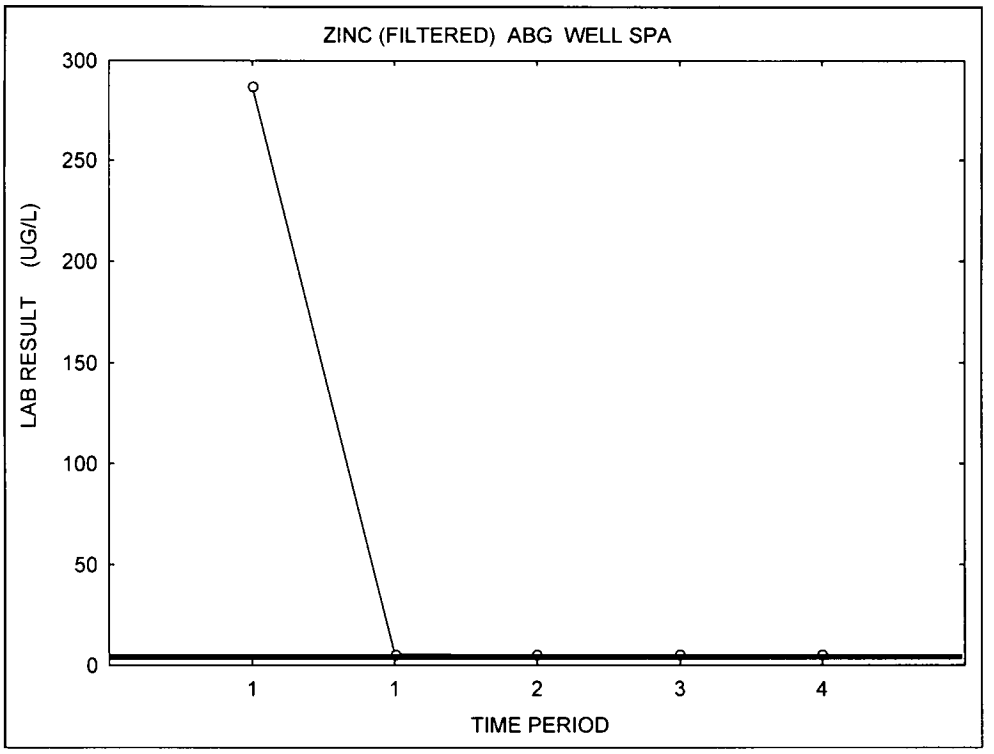

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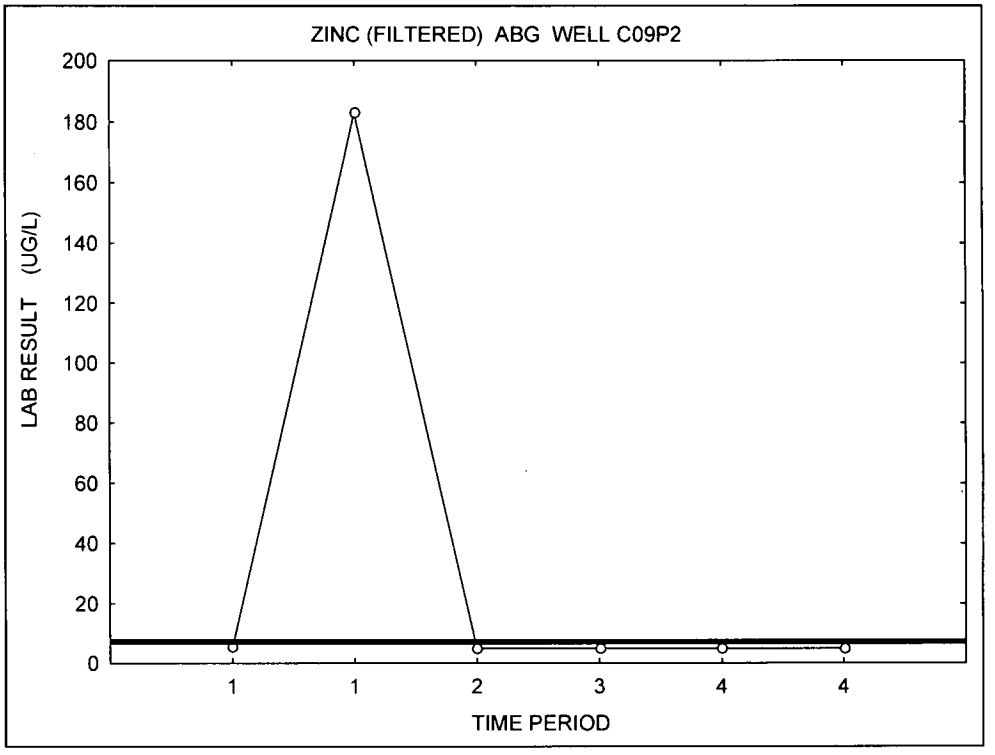

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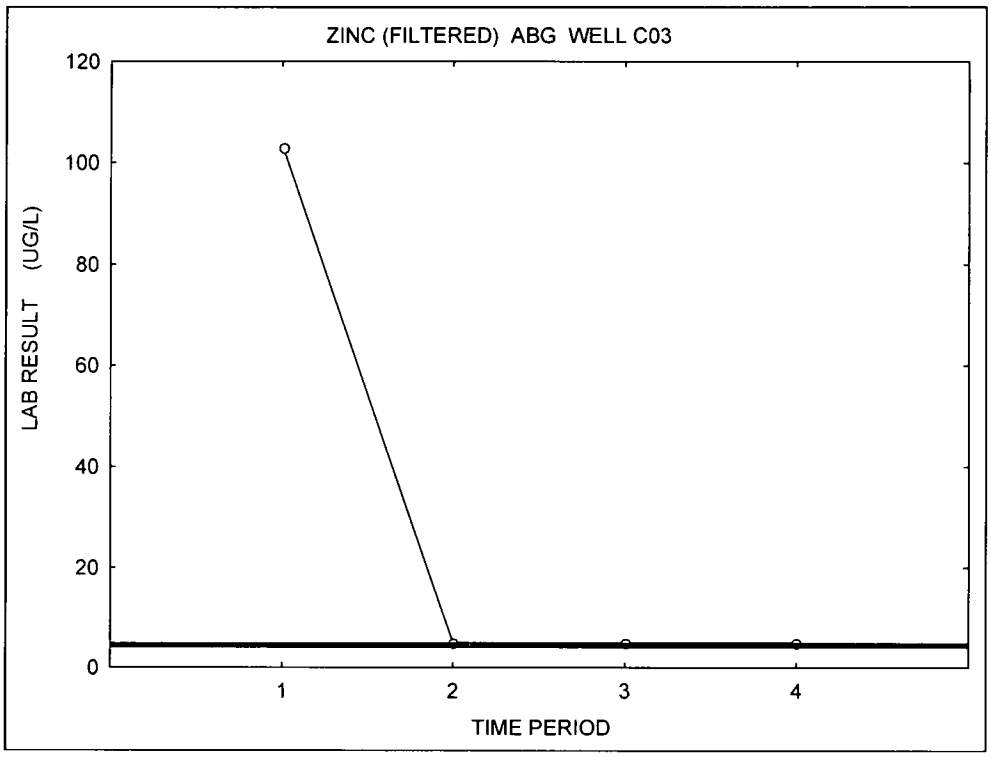

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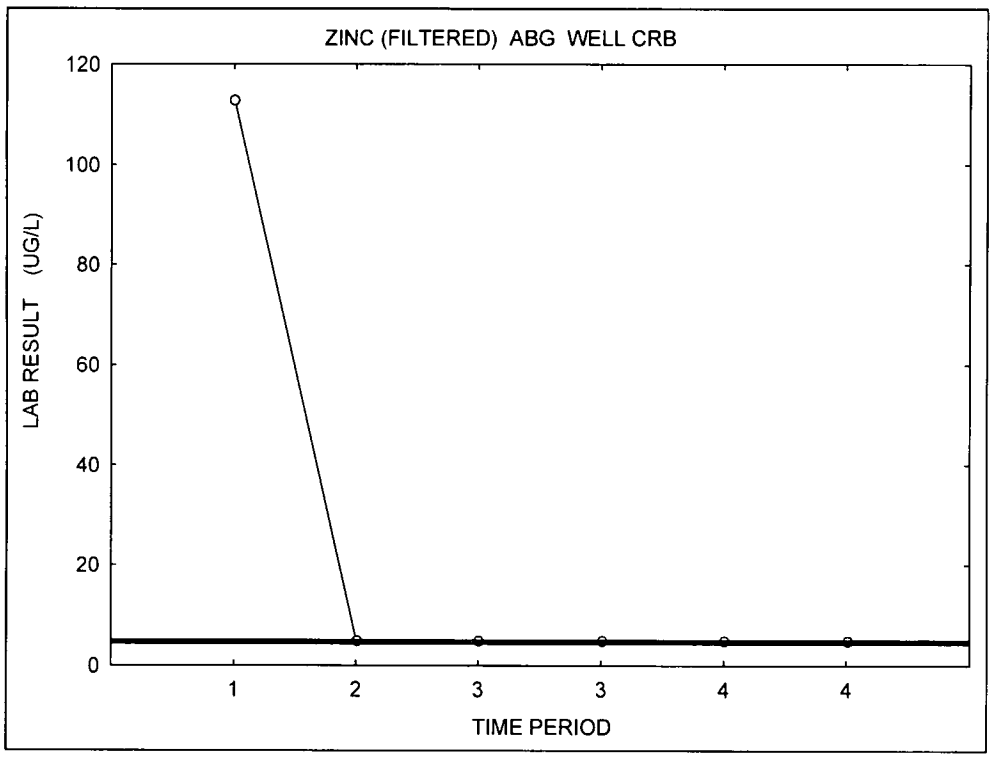

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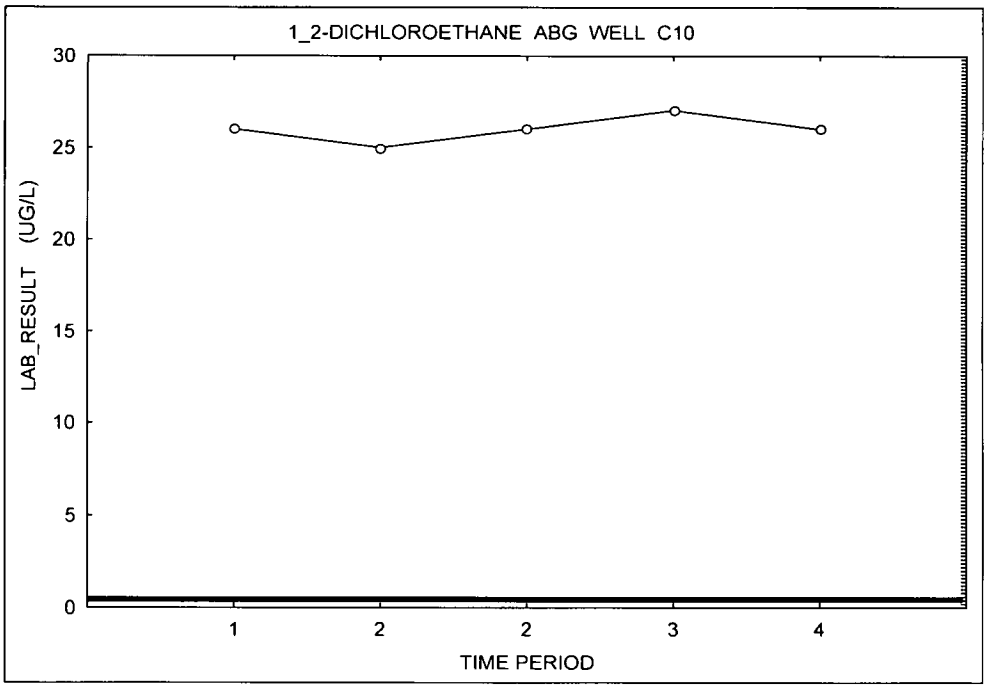

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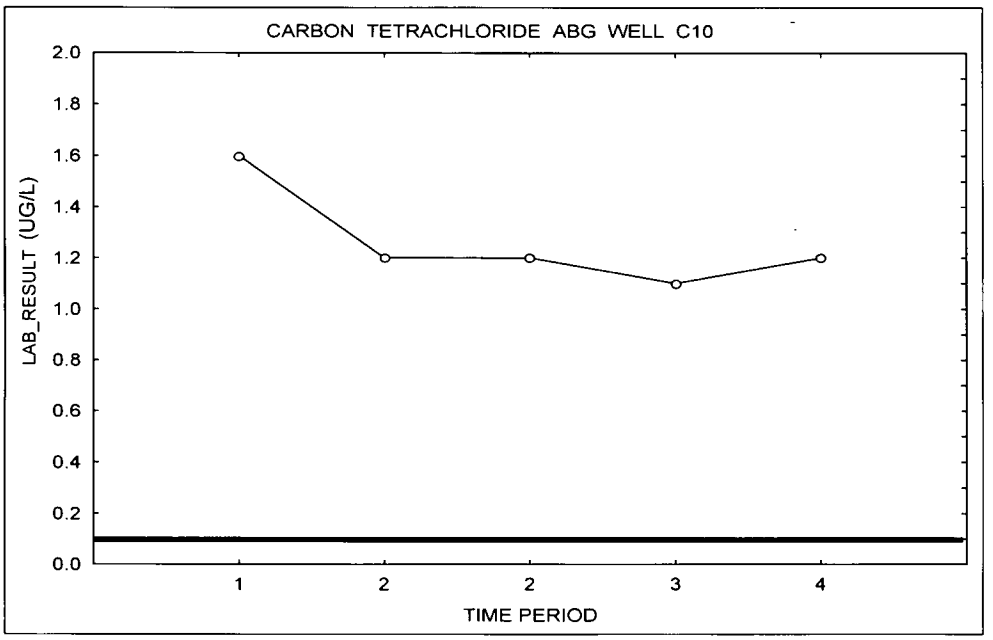

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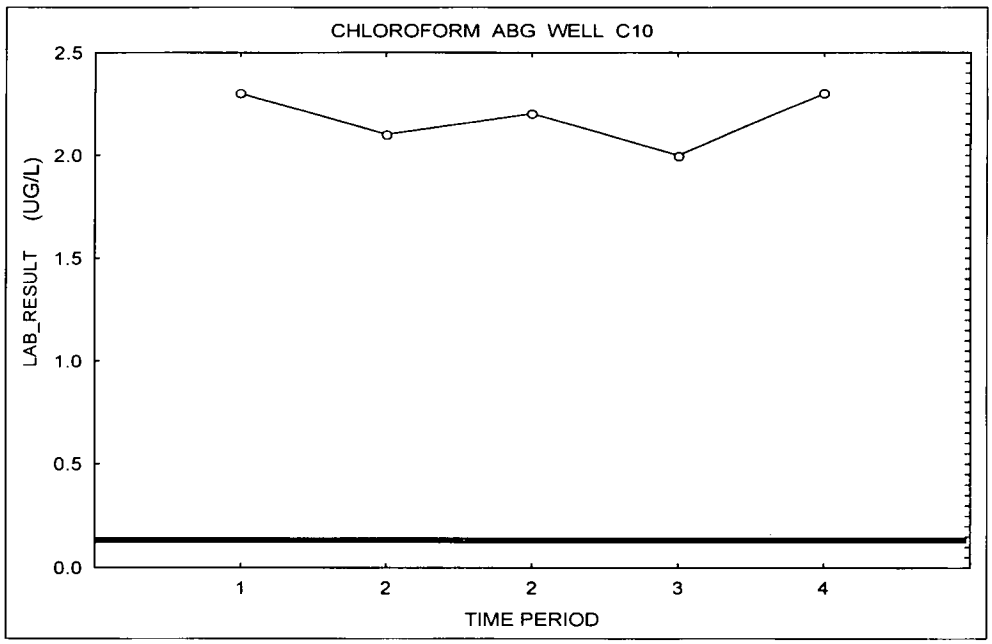

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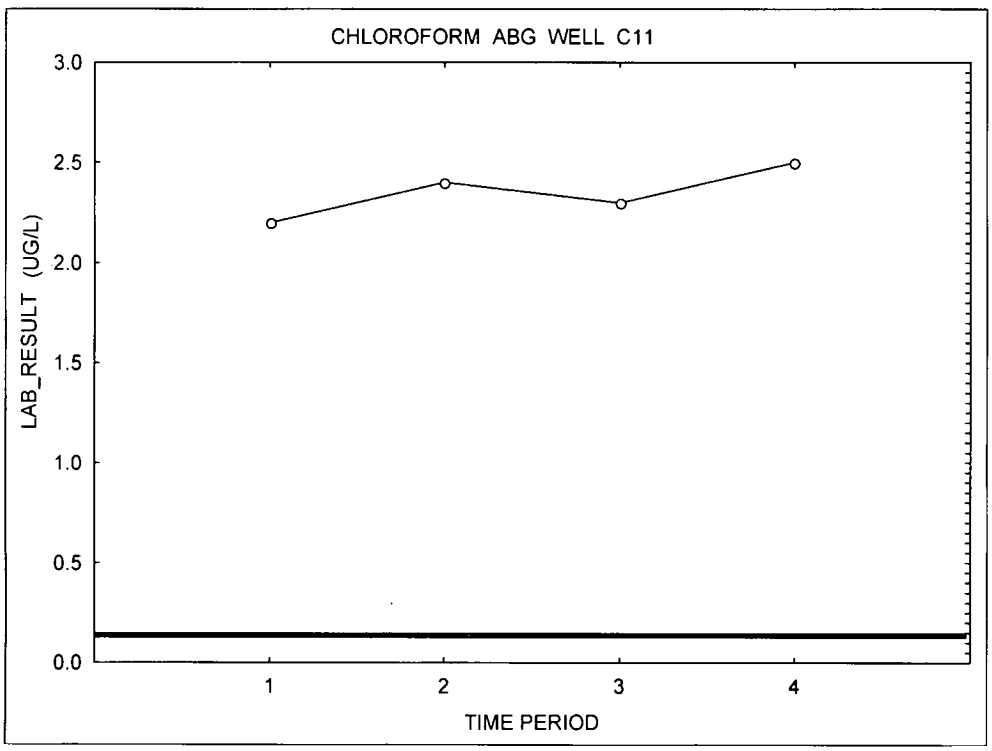

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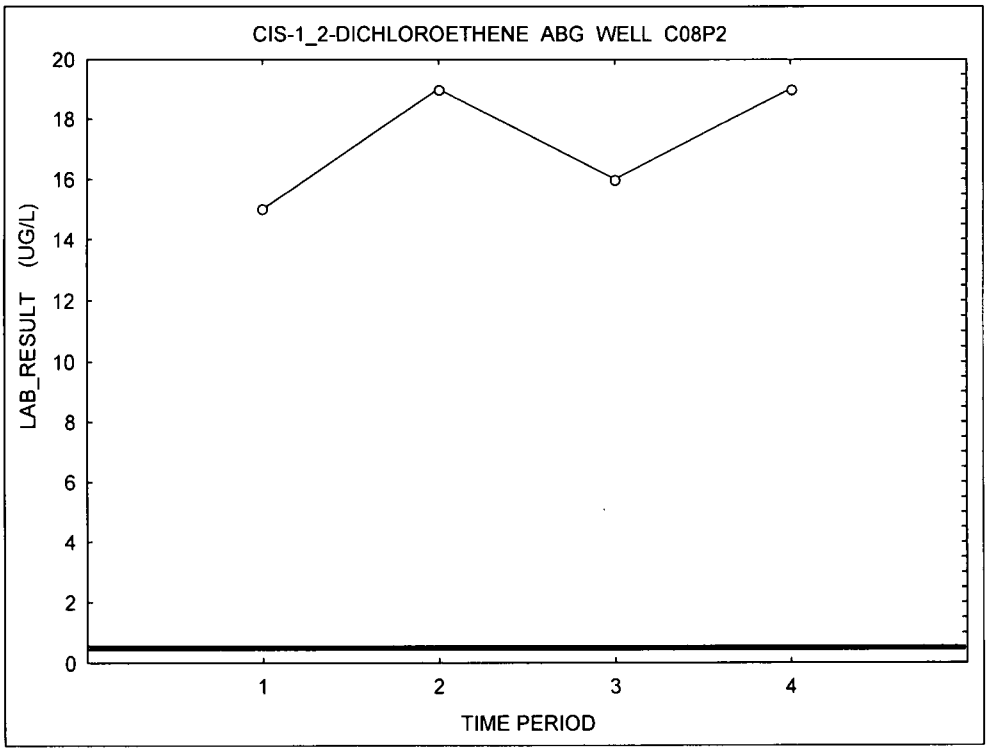

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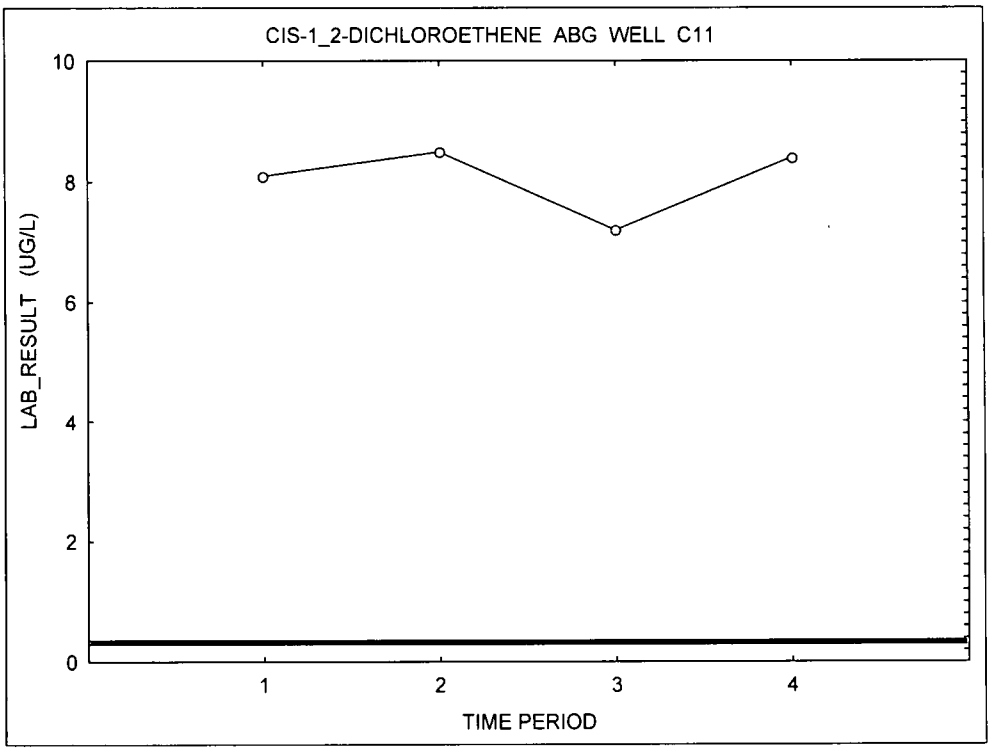

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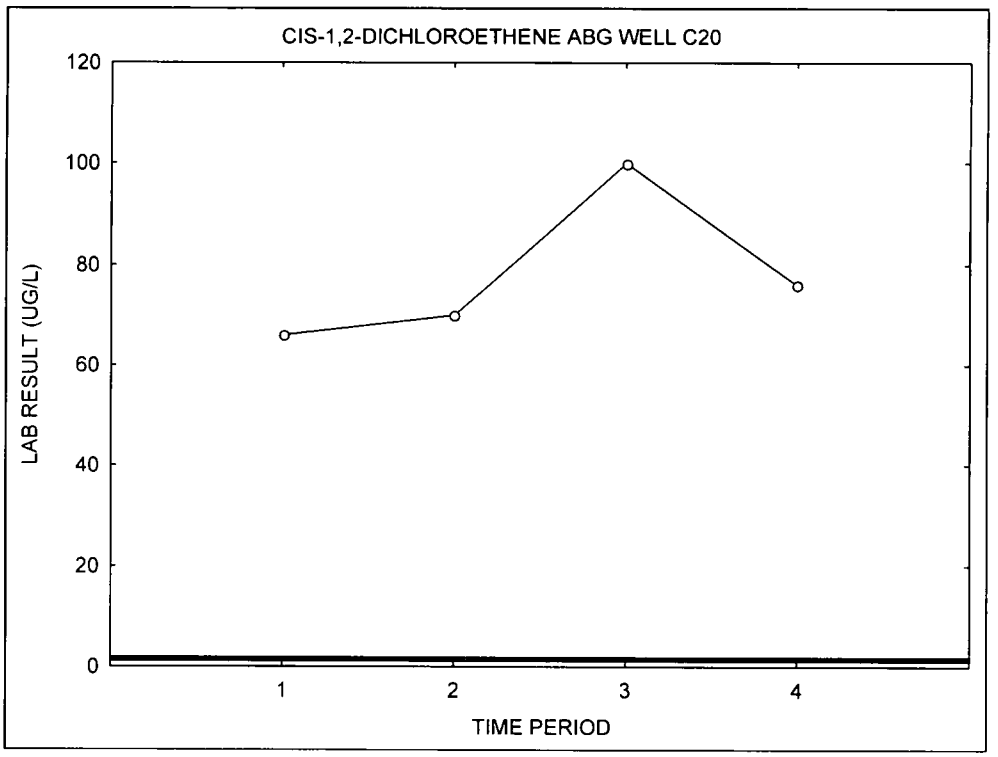

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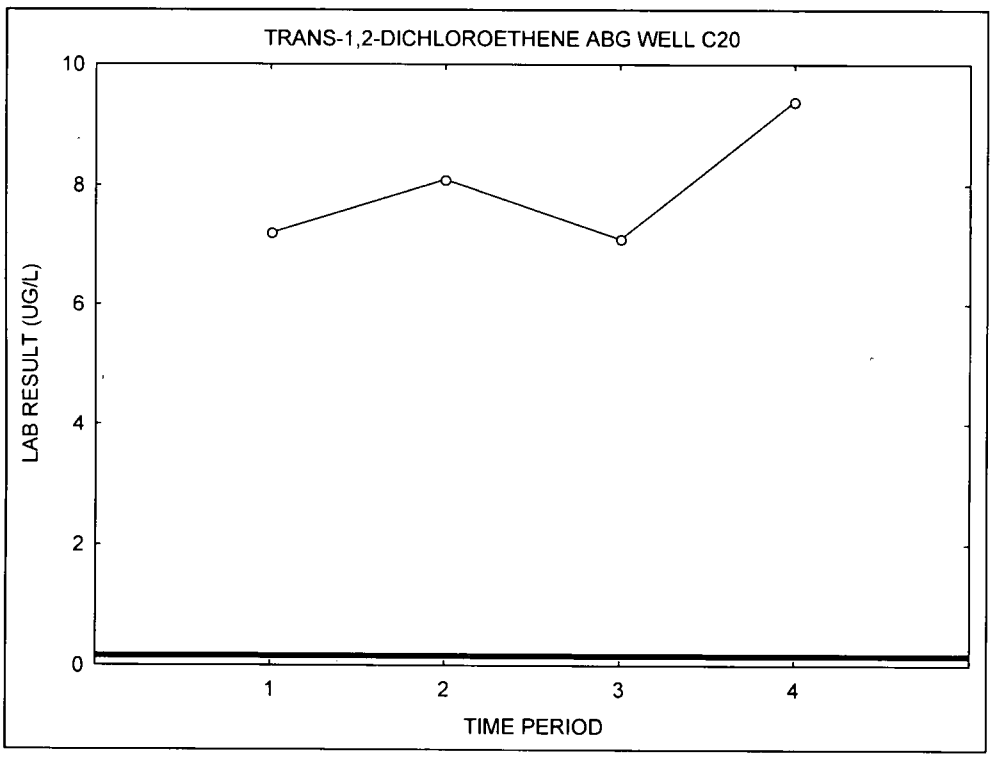

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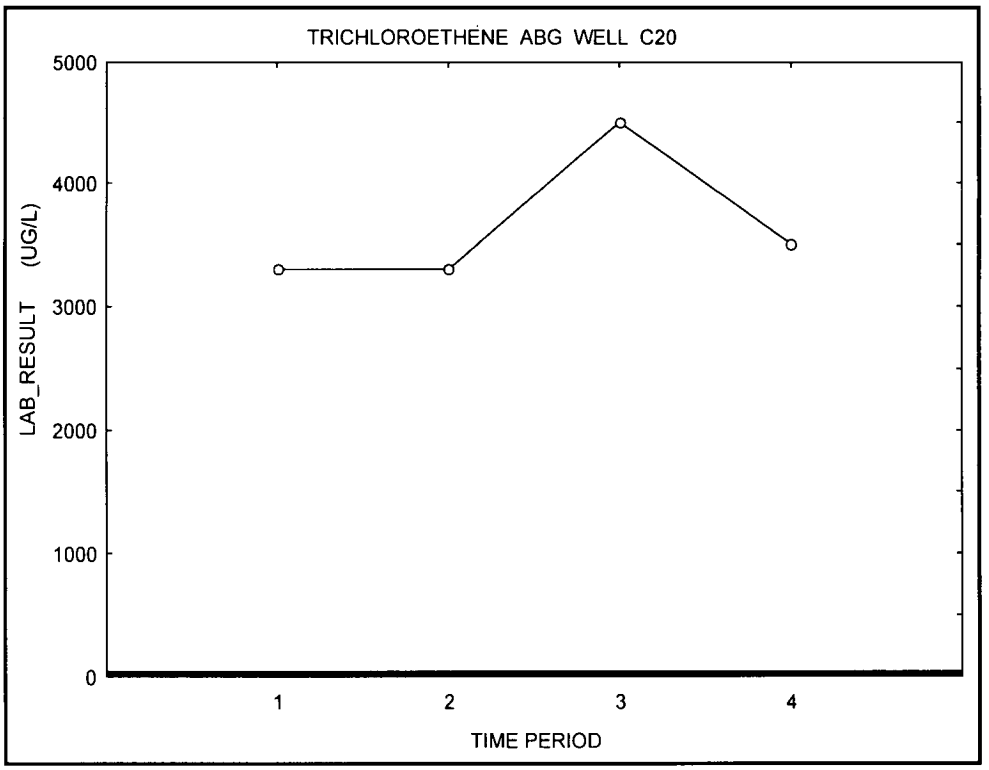

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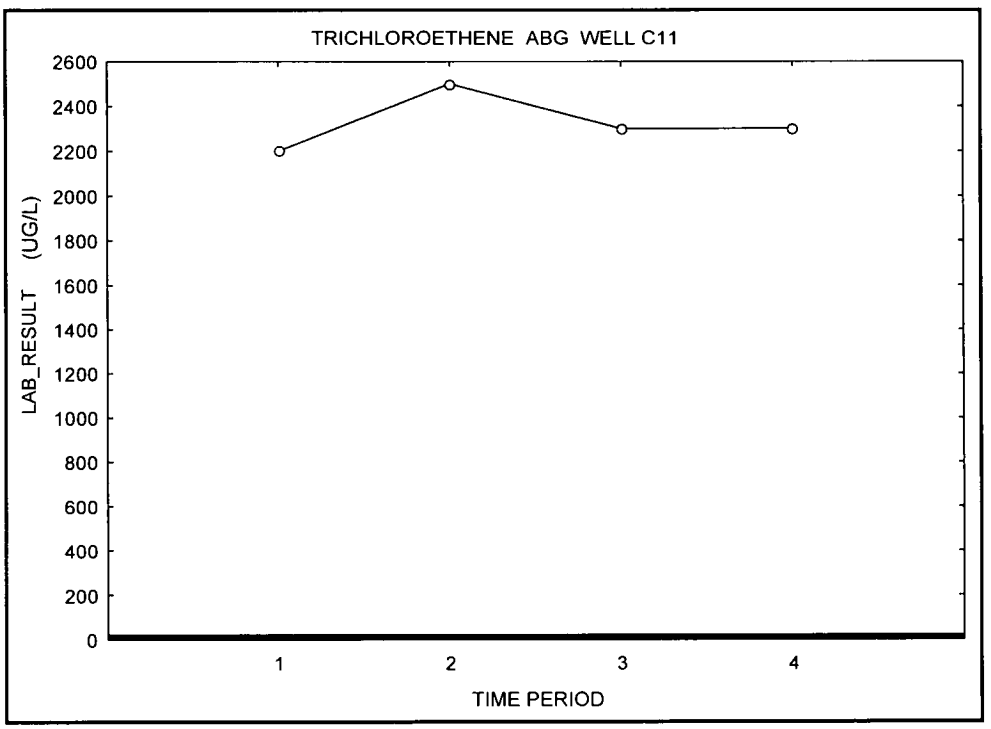

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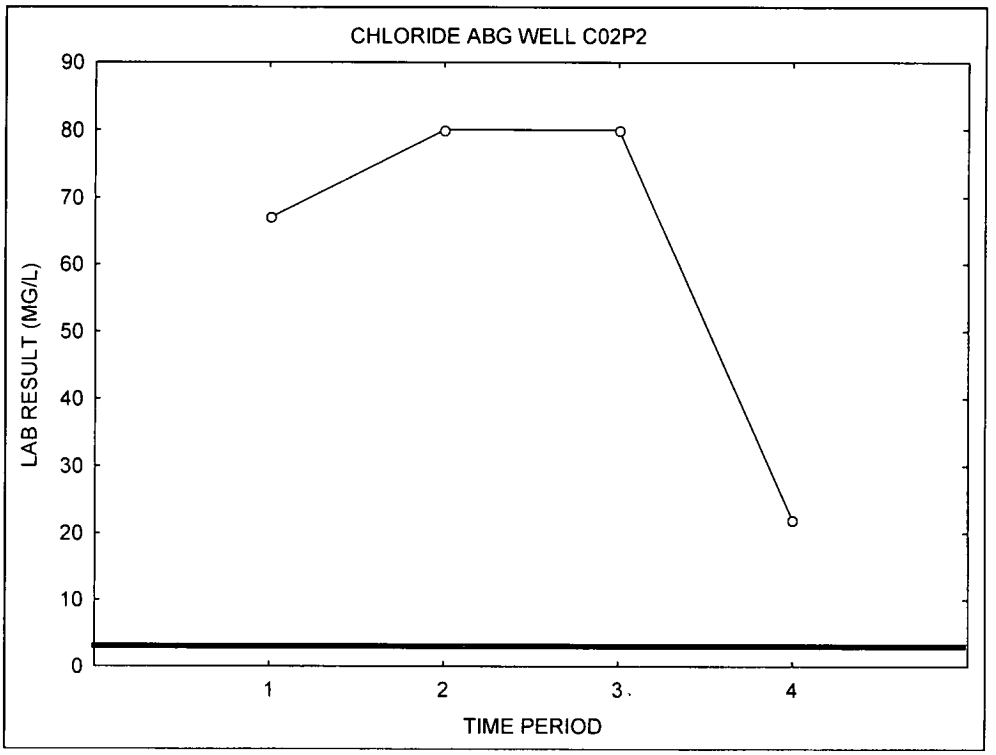

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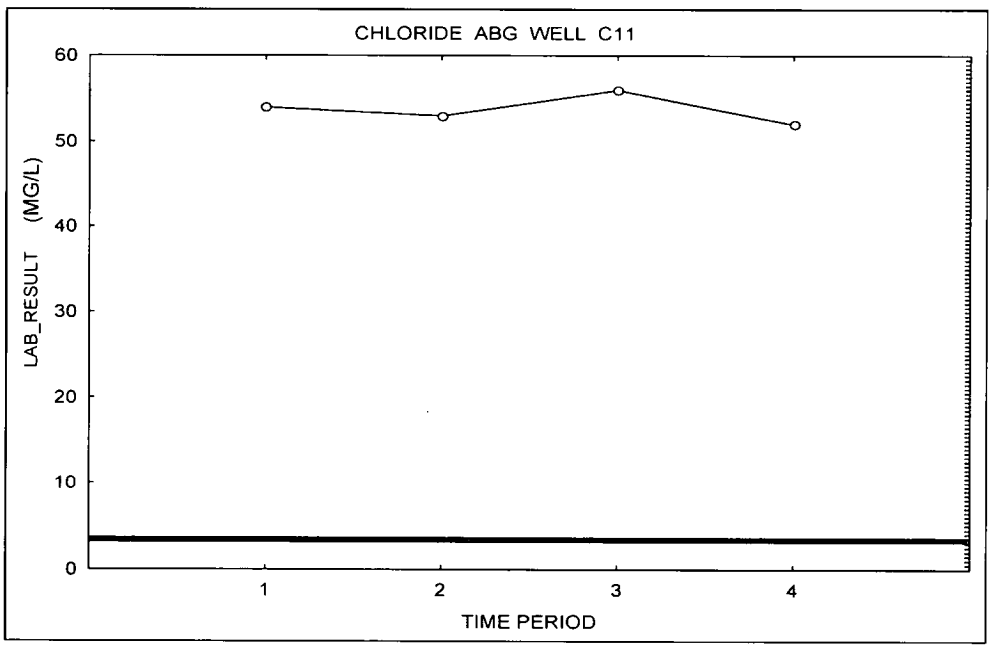

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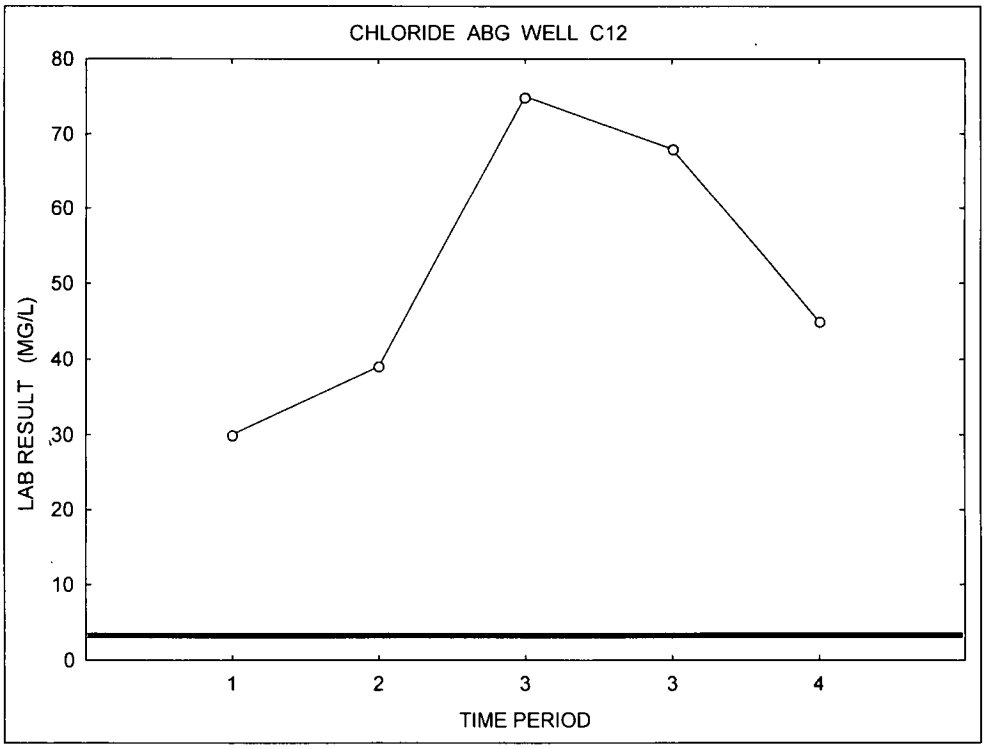

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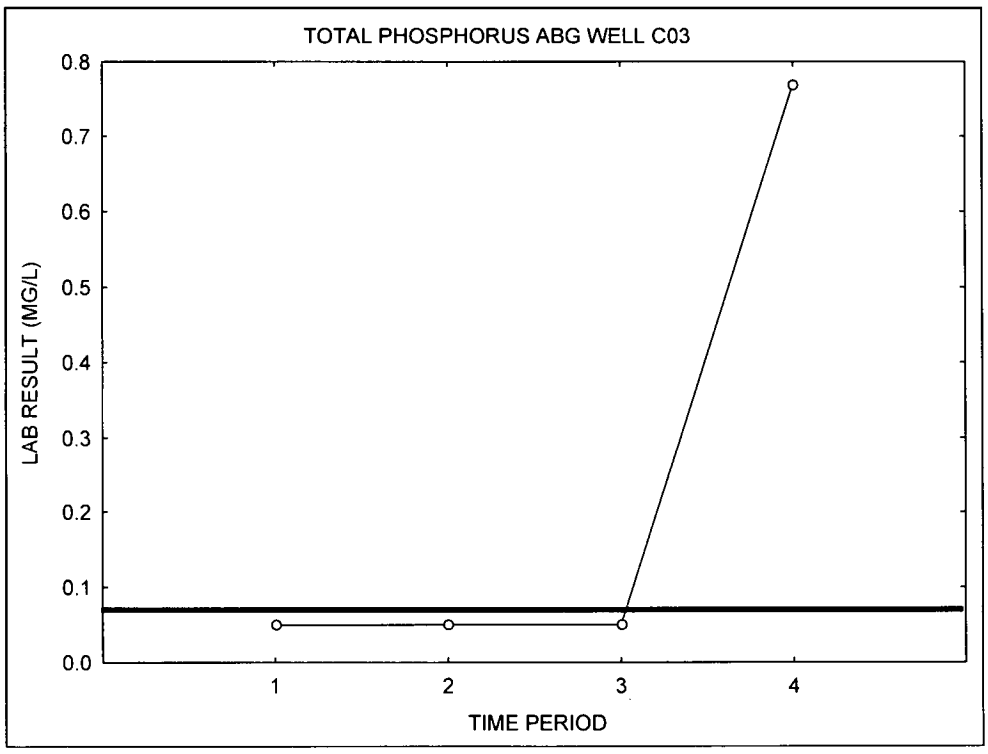

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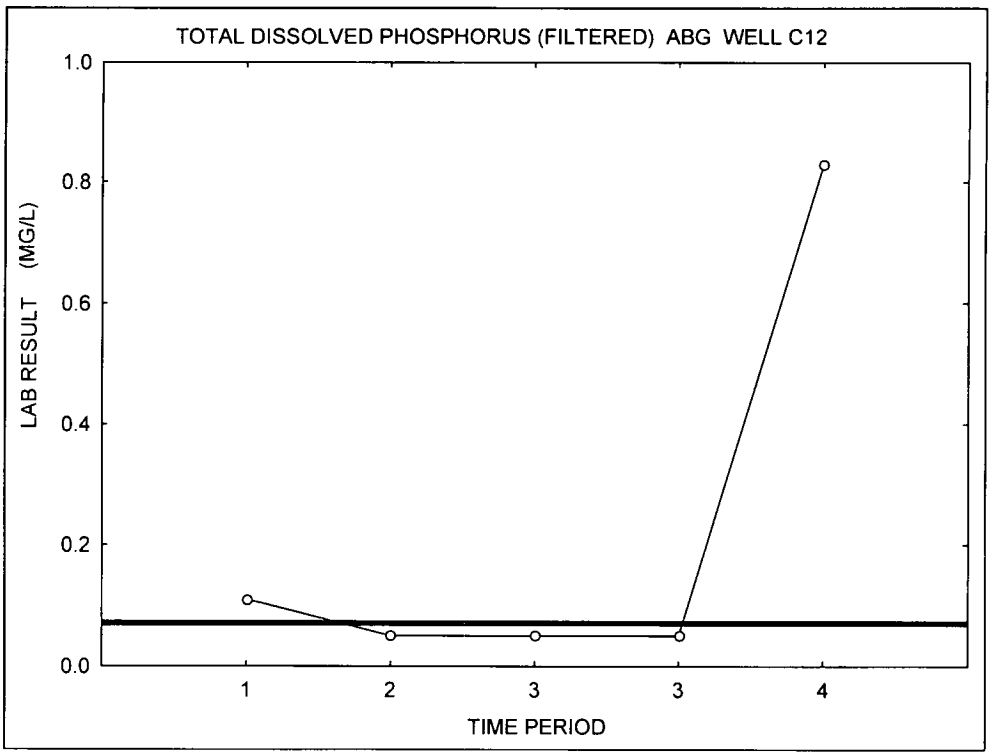

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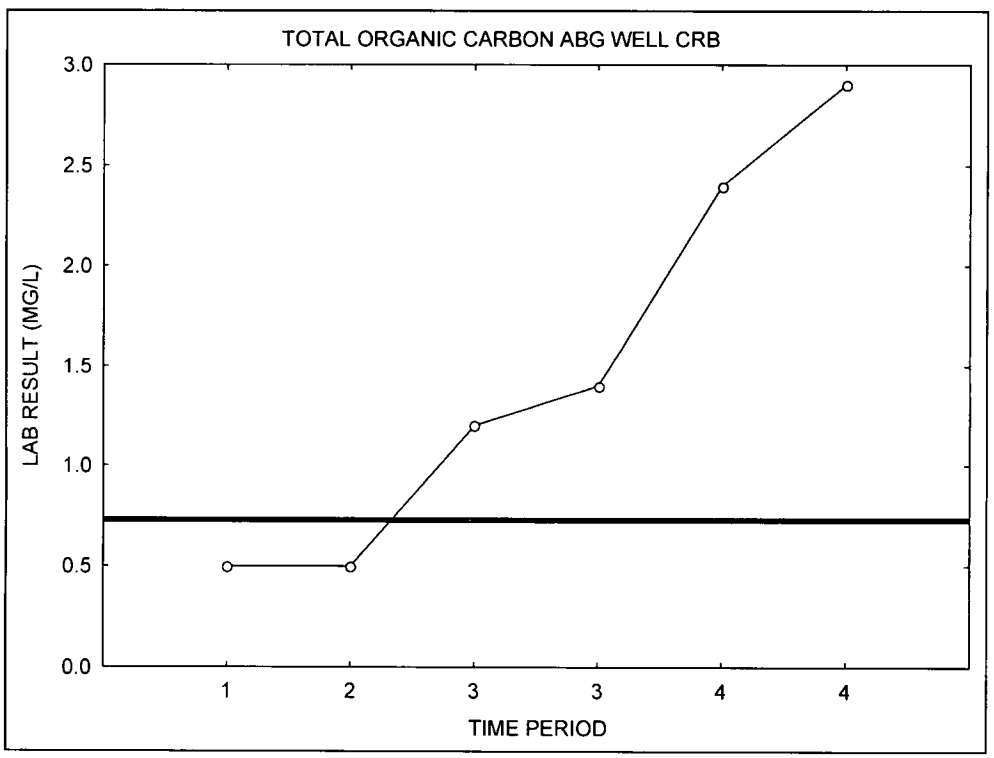

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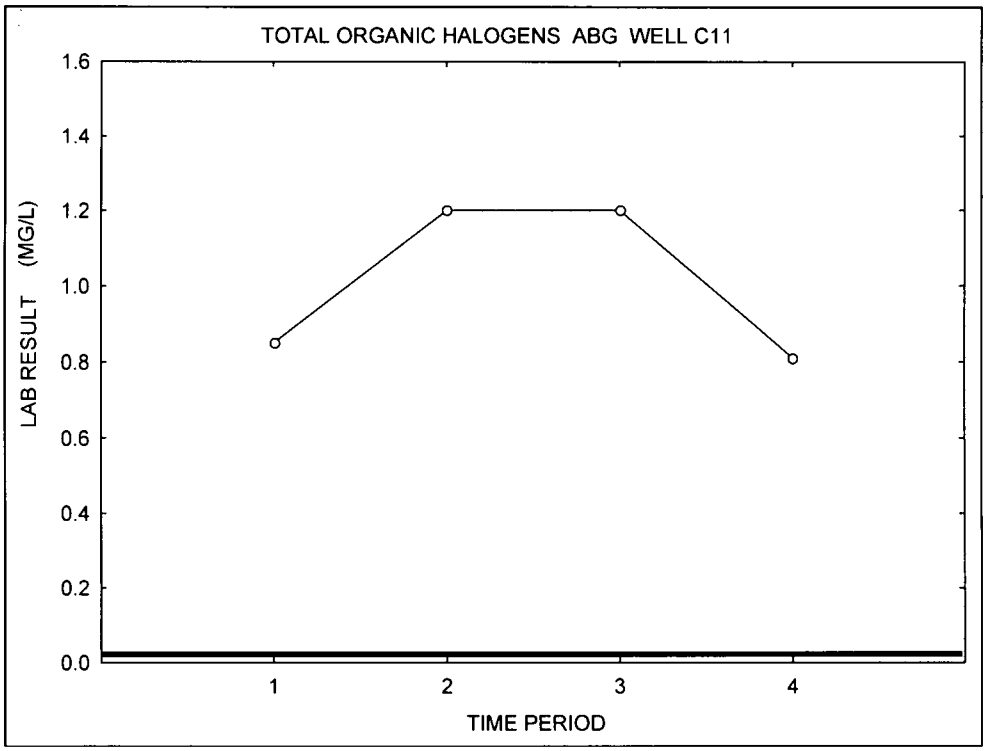

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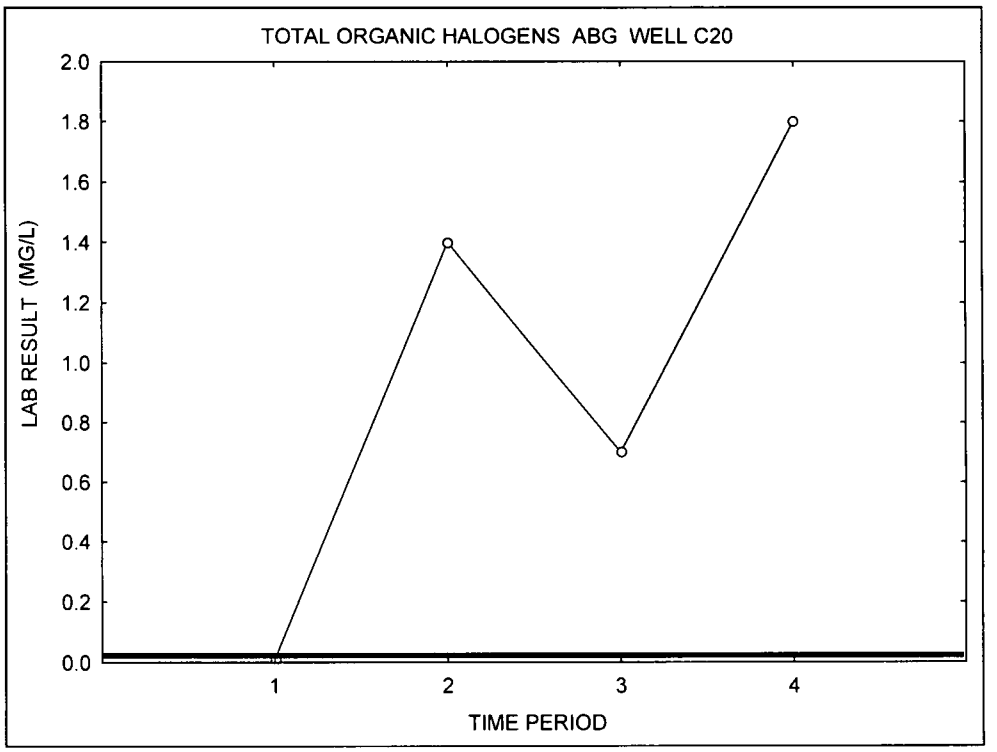

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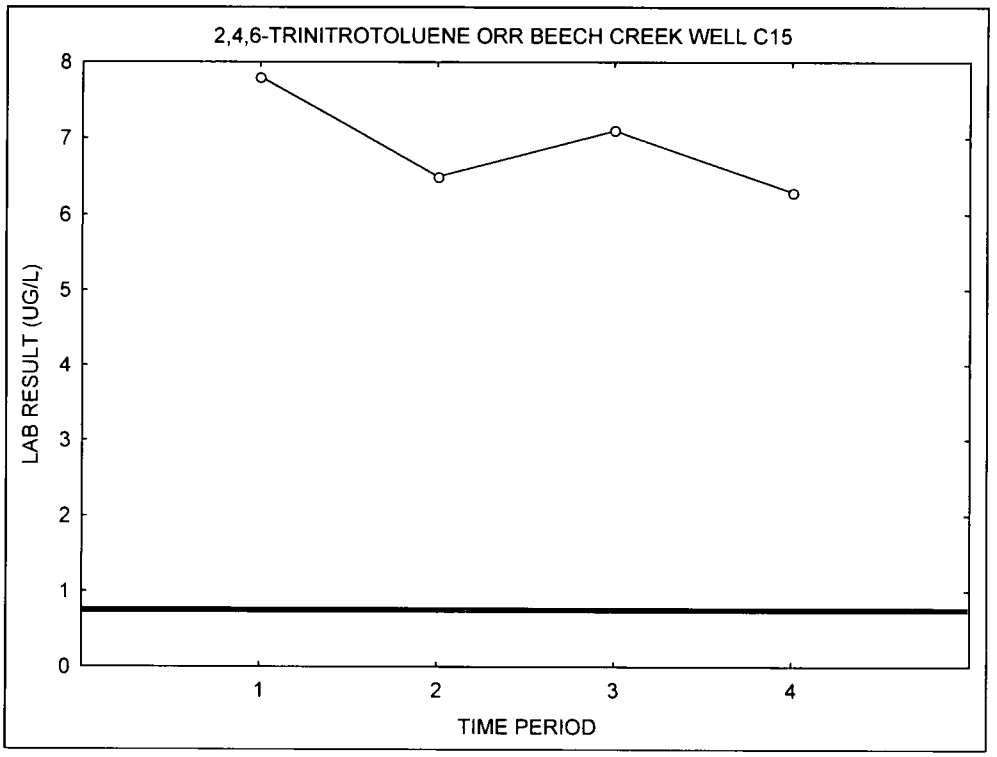

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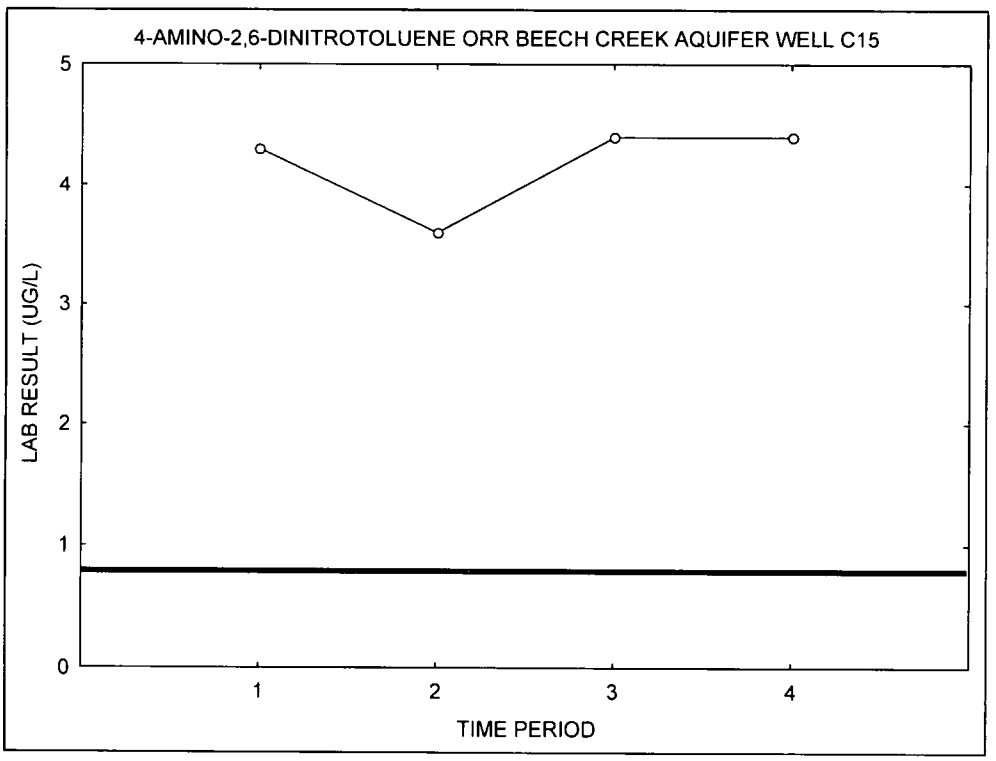

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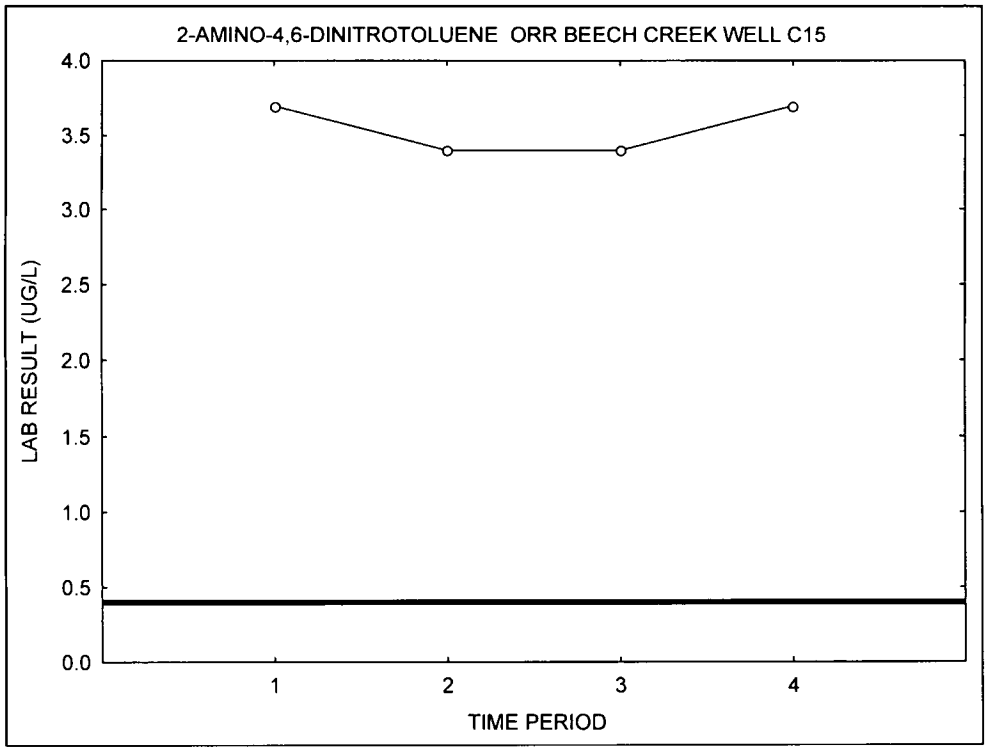
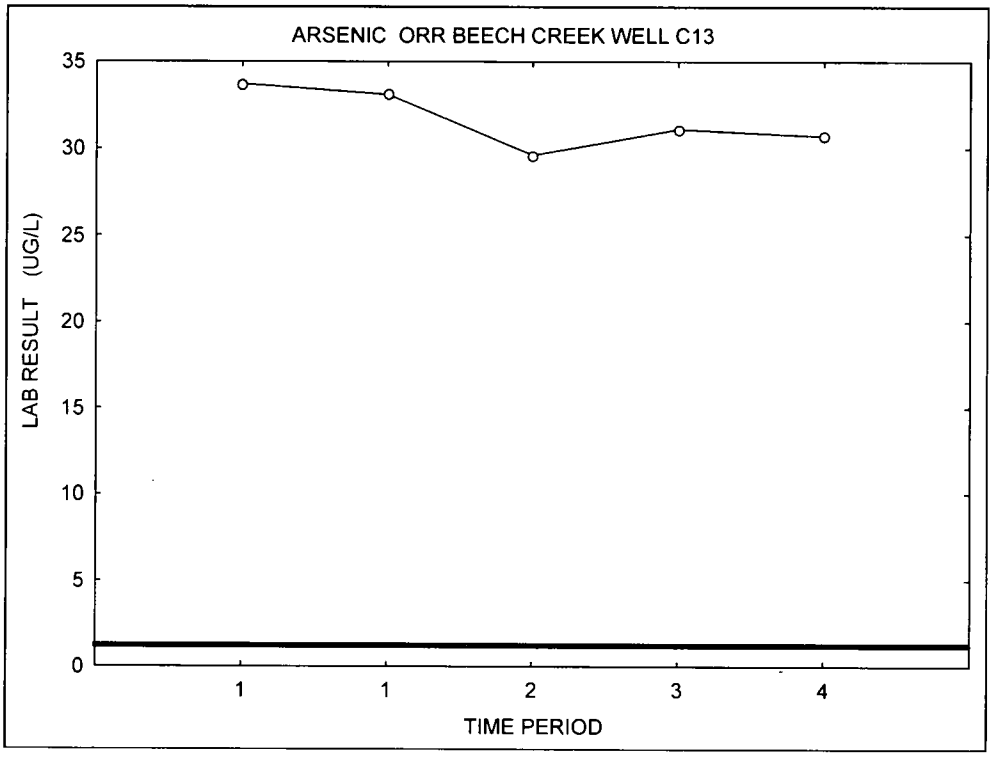

2-AMINO-4,6-DINITROTOLUENE ORR BEECH CREEK WELL C15
LAB RESULT (UG/L)
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1
2
3
4
TIME PERIOD

Figure 7.101.



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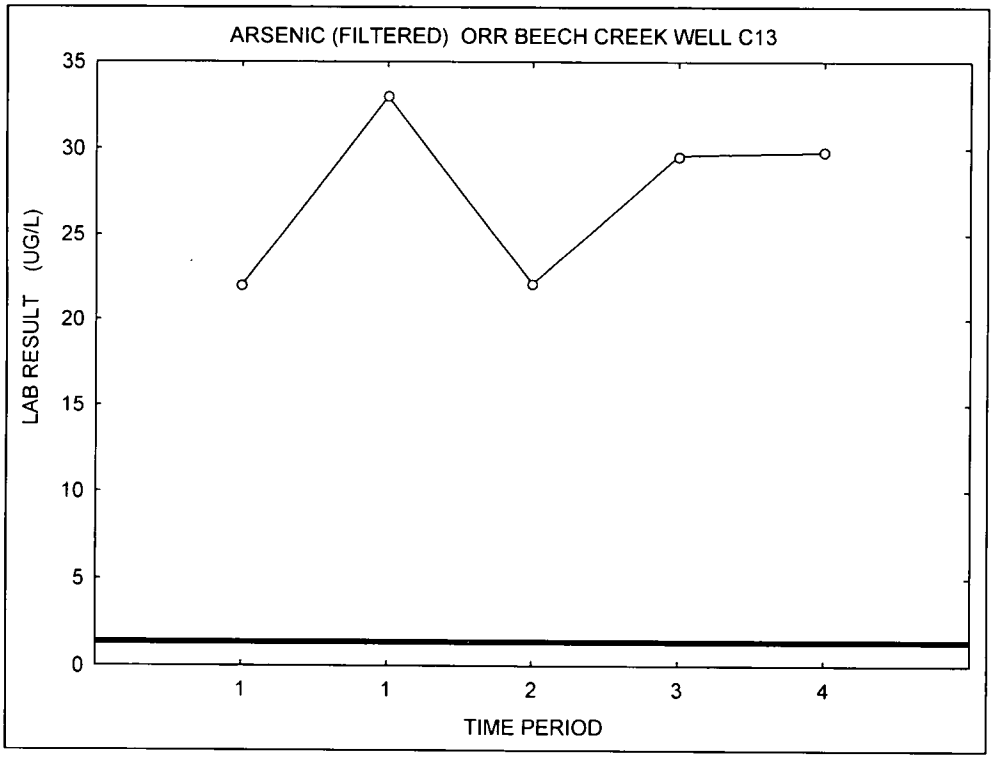

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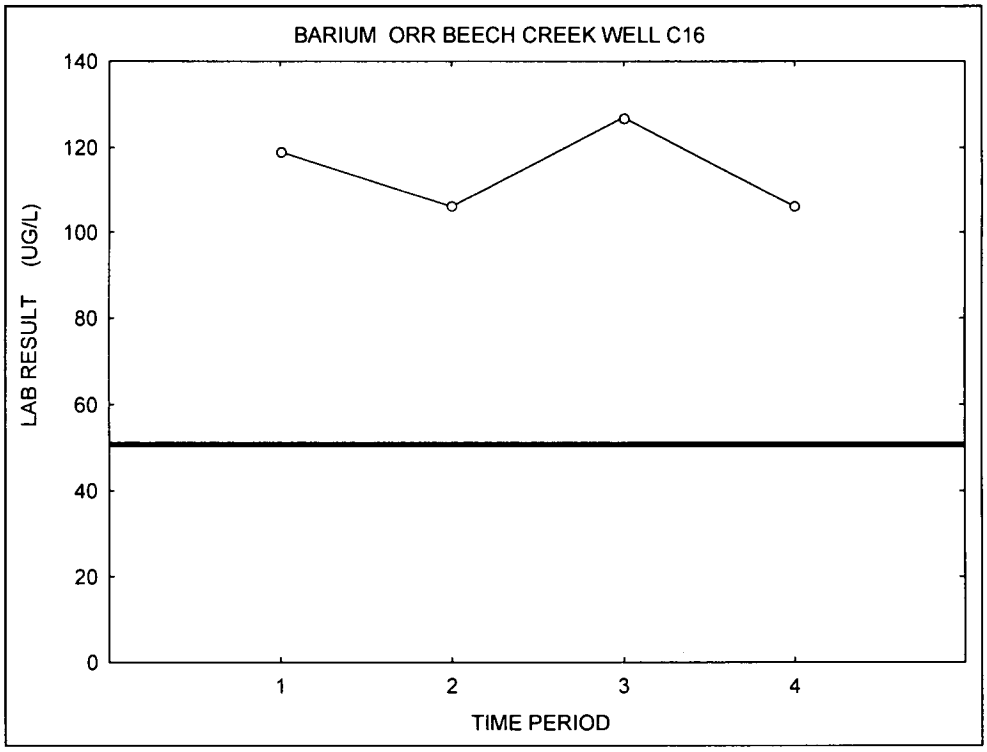

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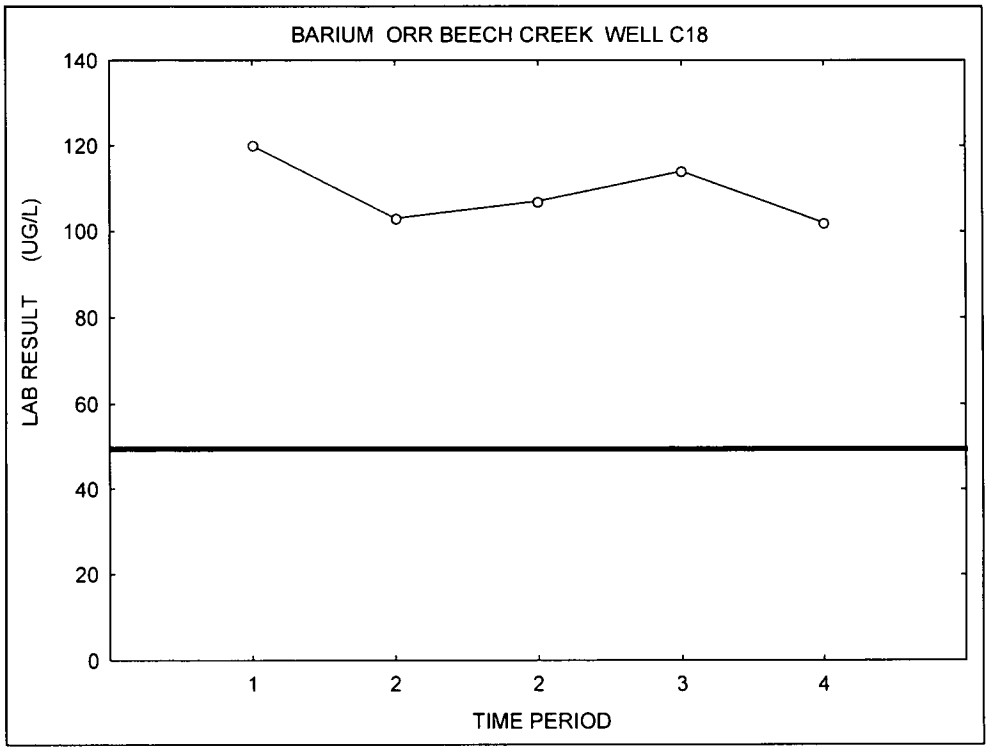

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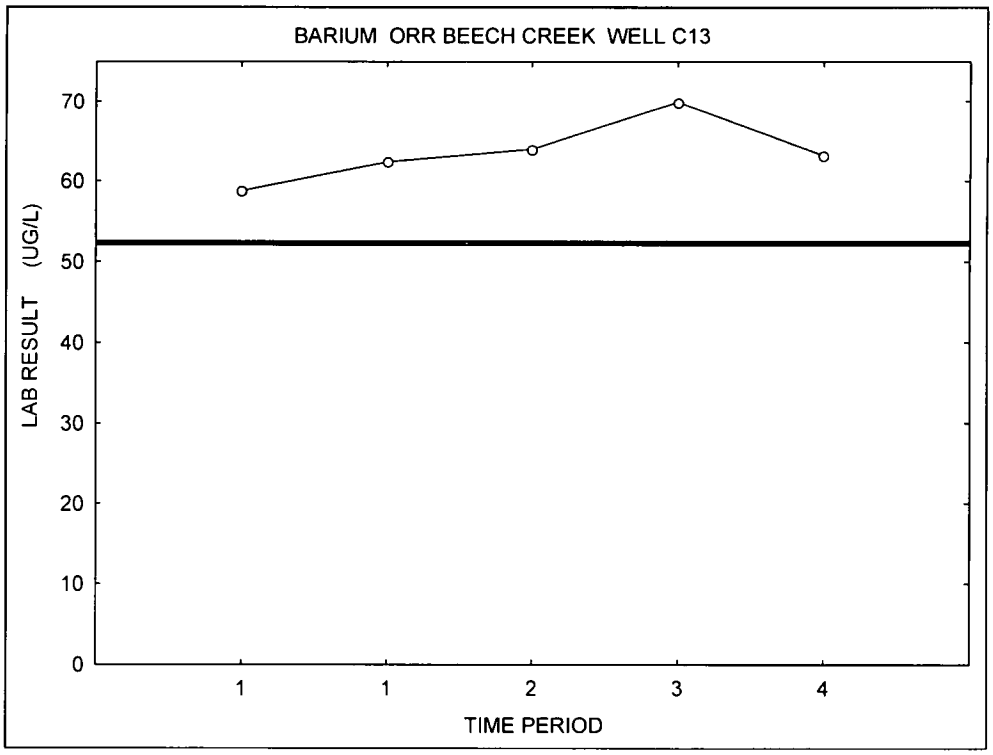

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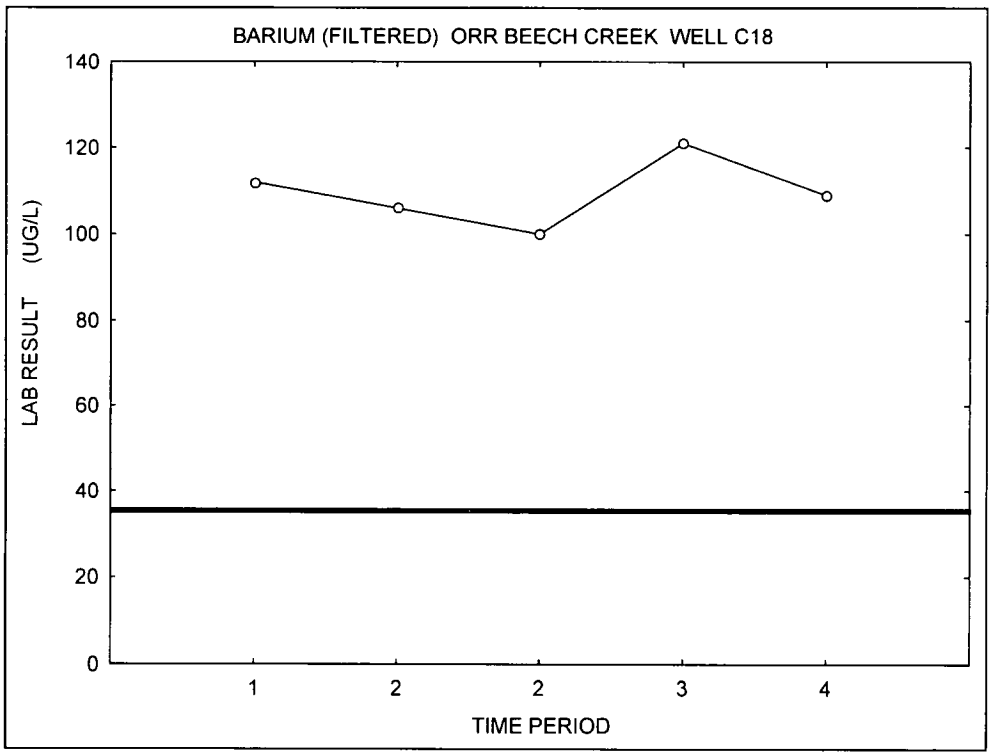
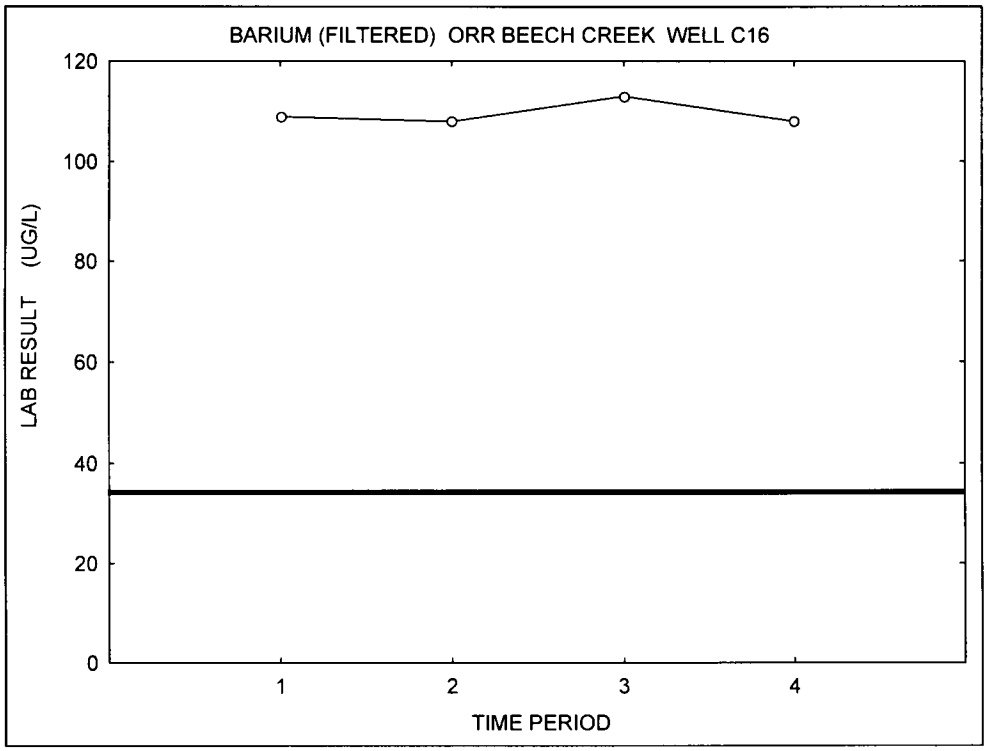


Figure 7.107.



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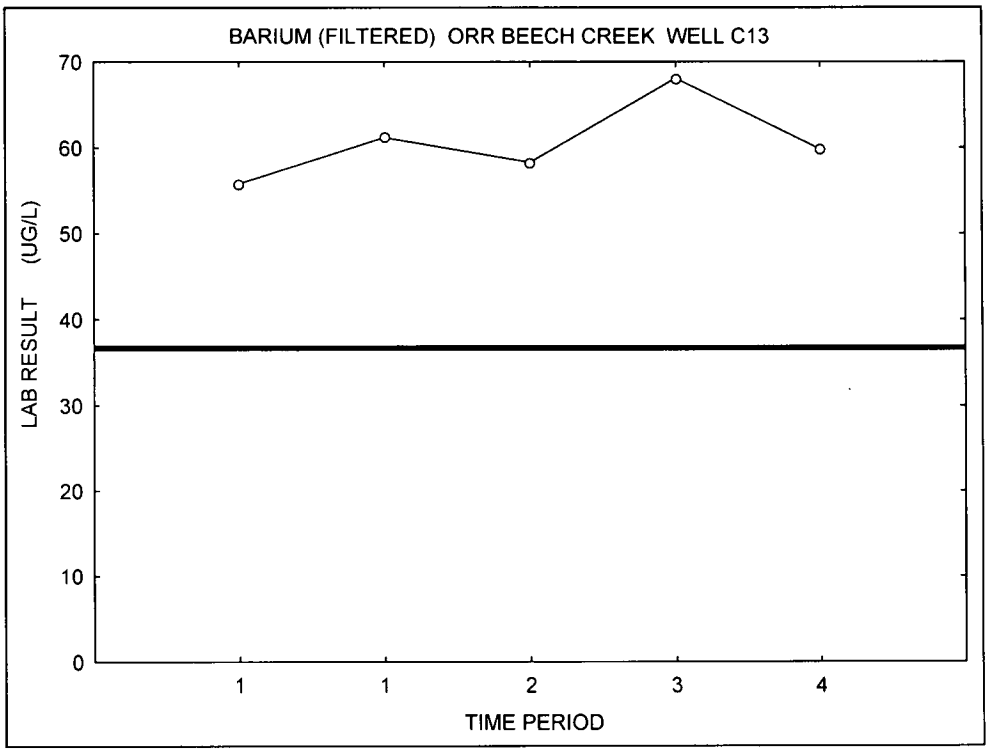

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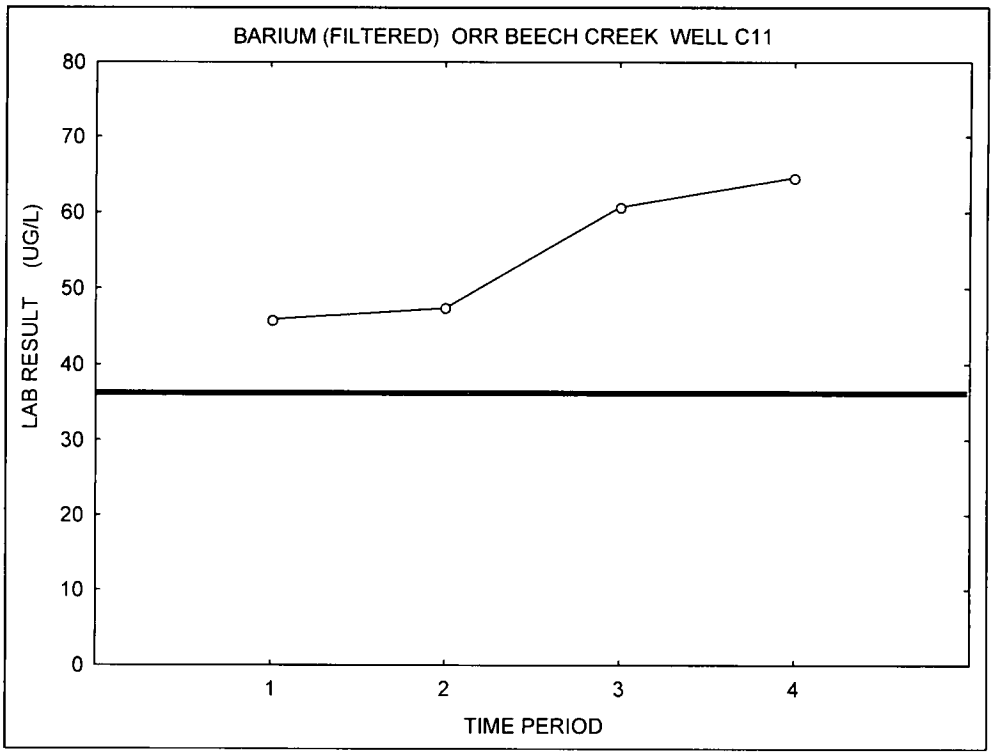

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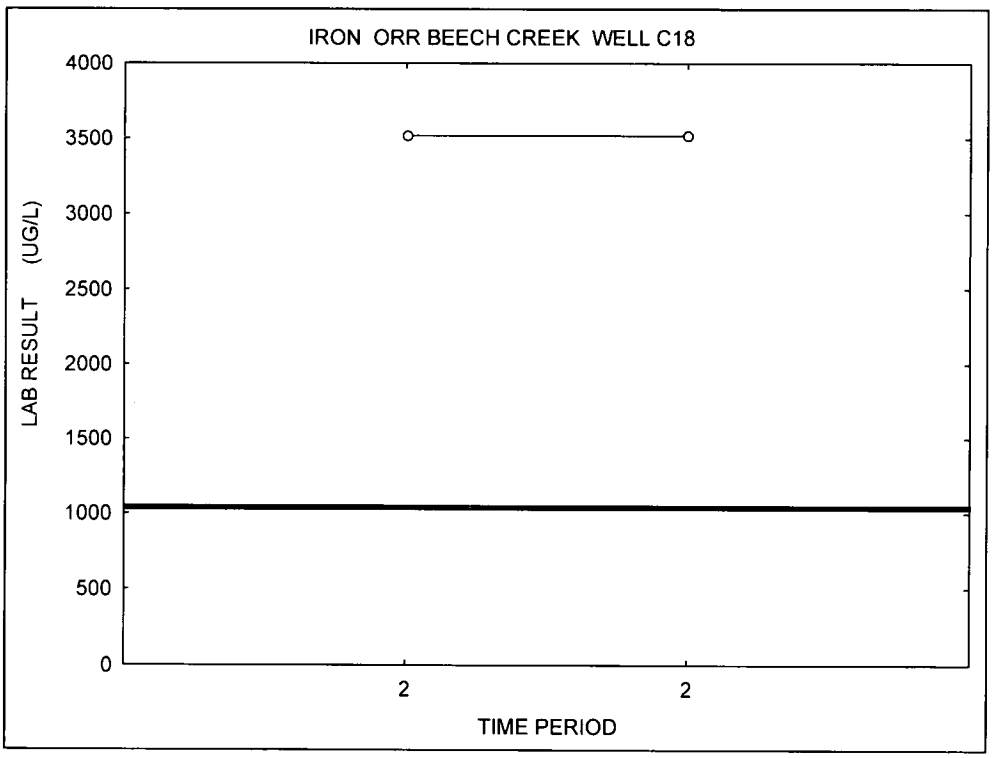

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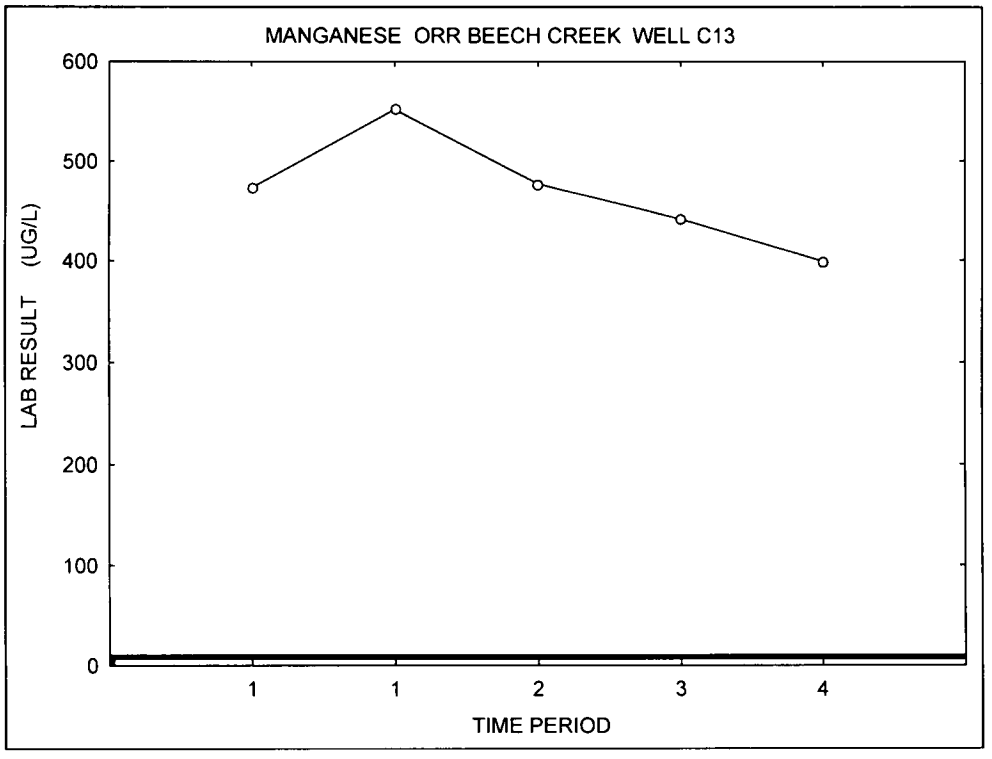

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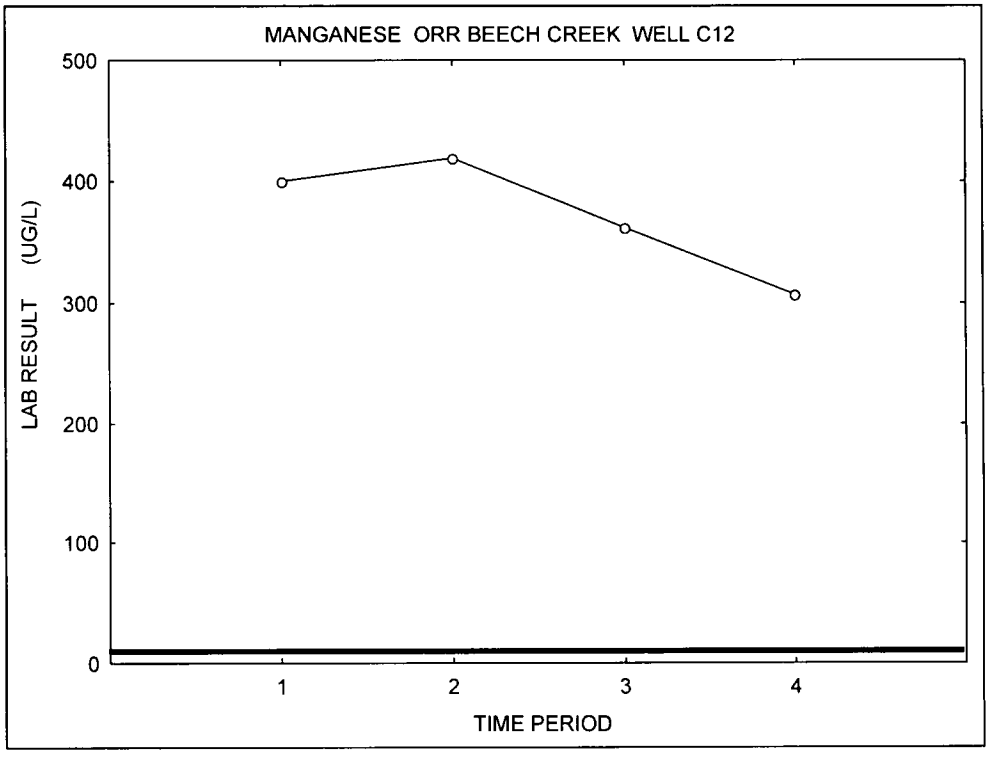

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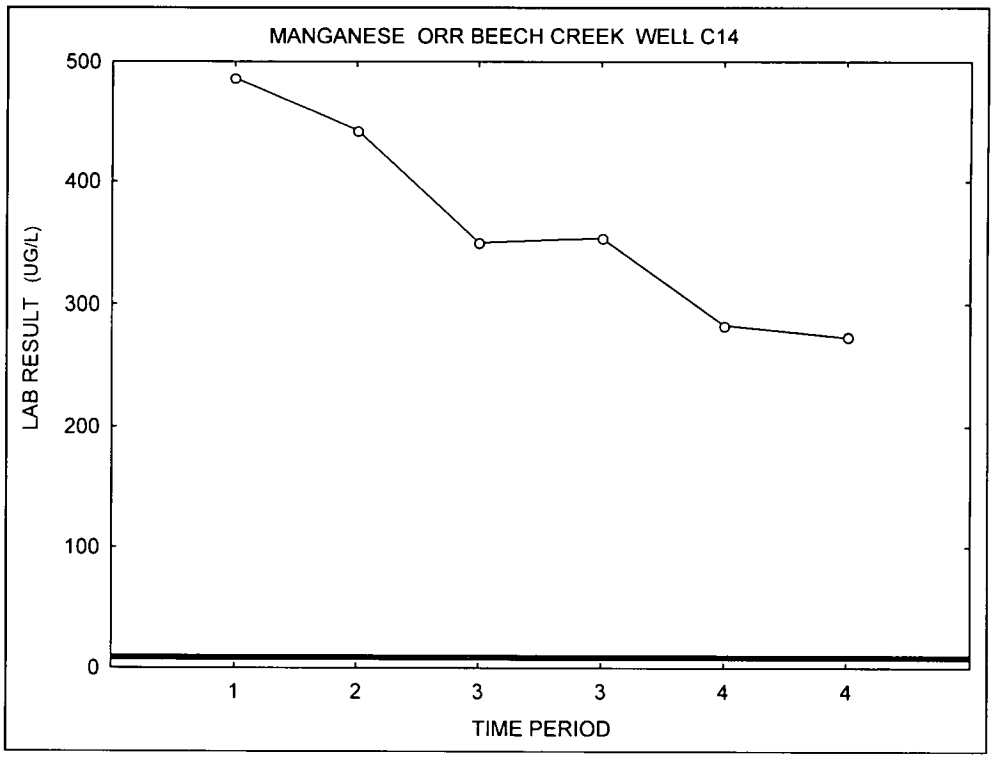

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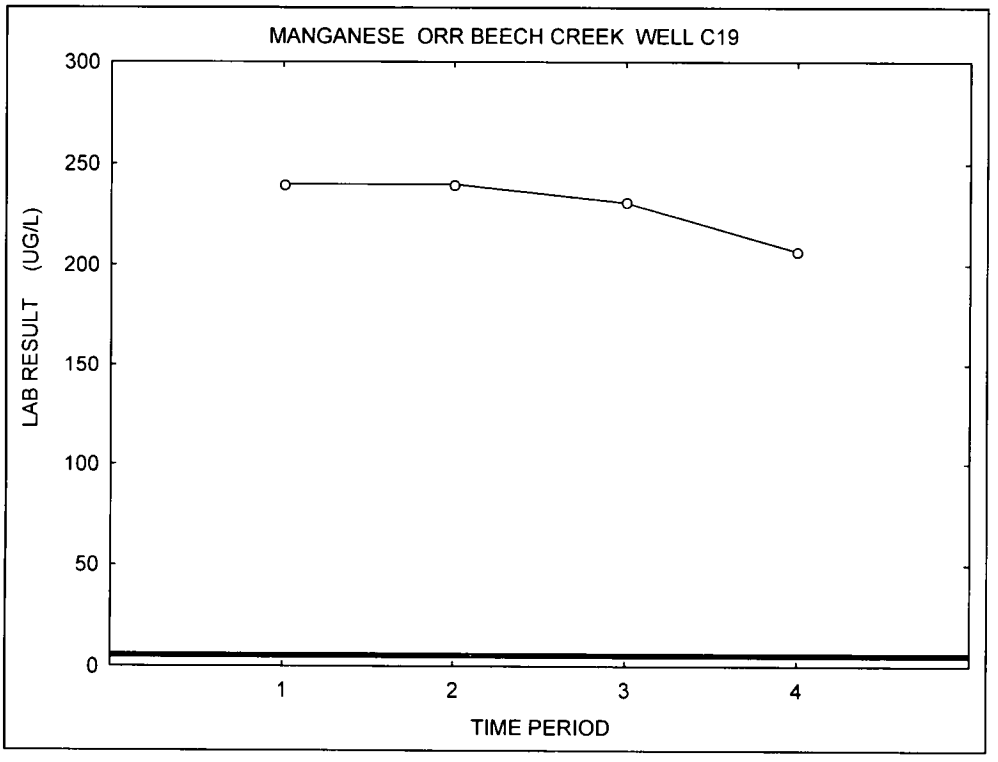

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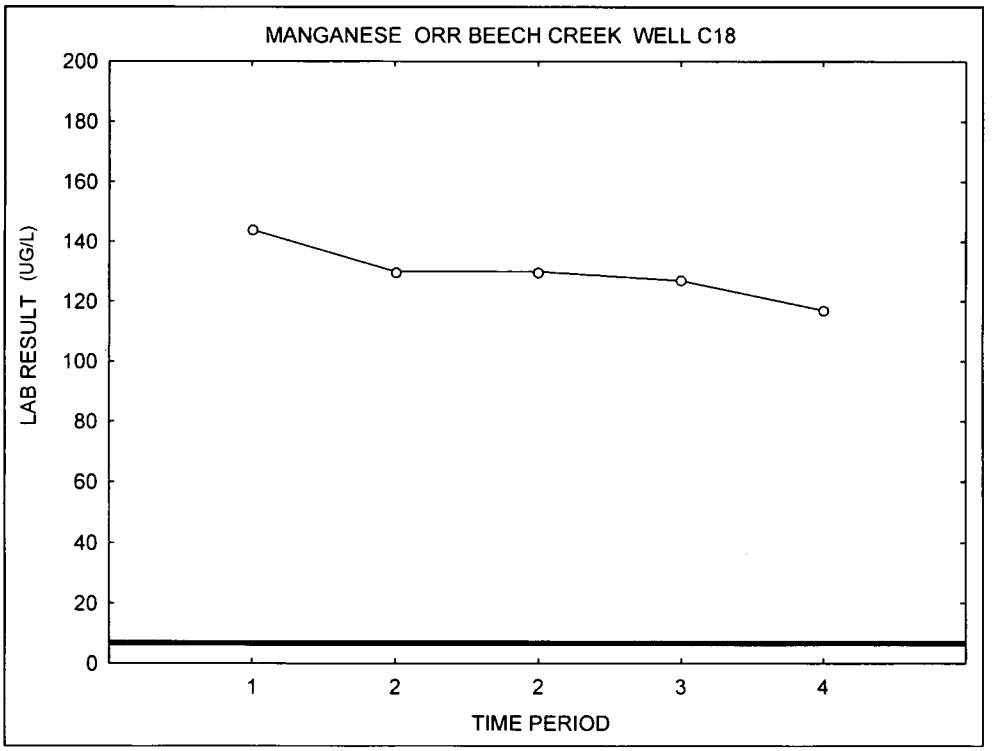

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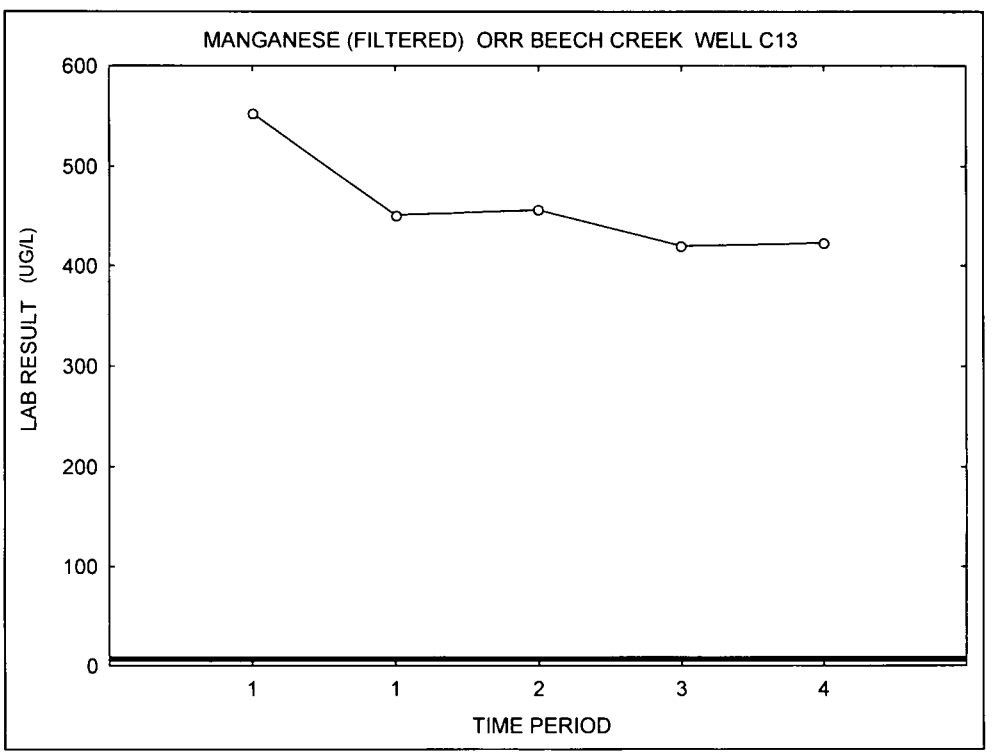

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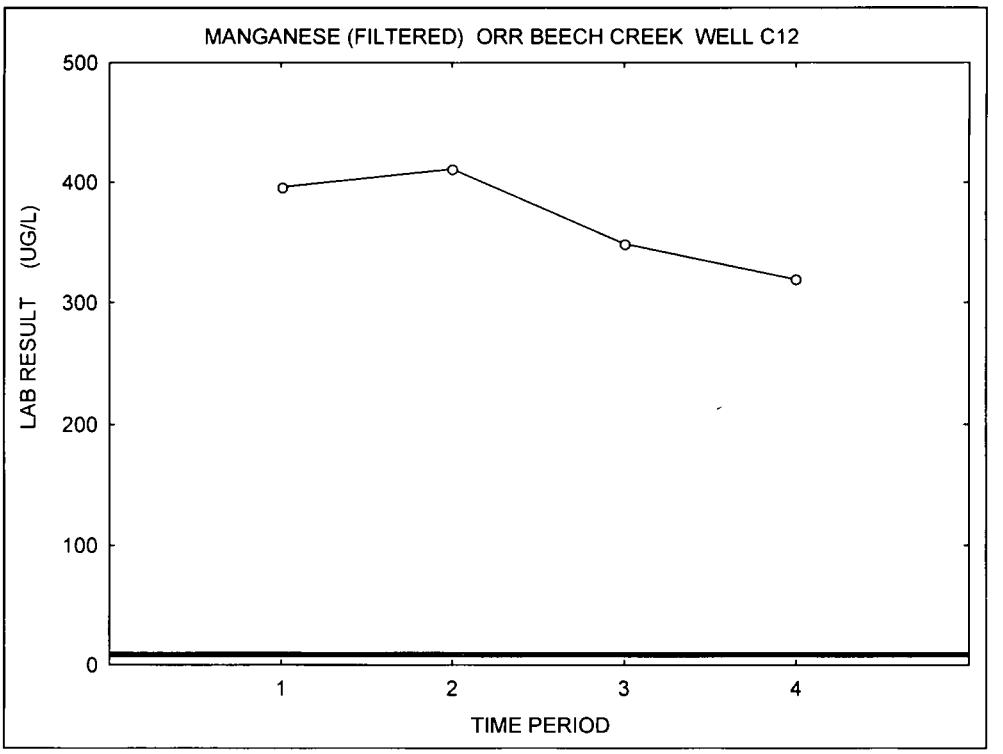

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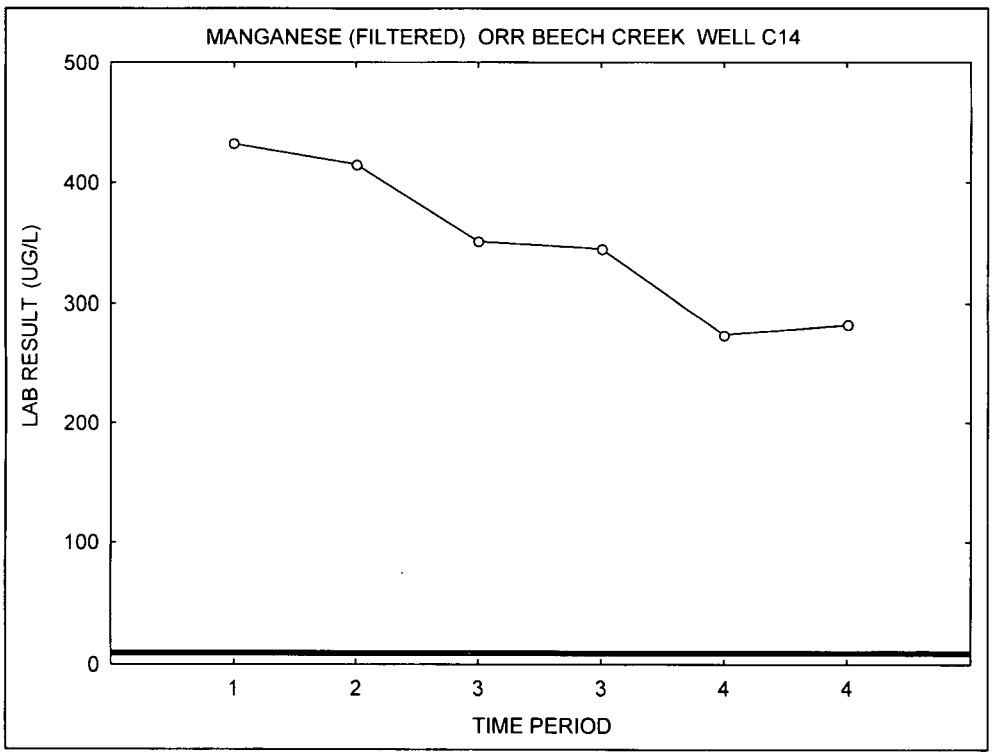

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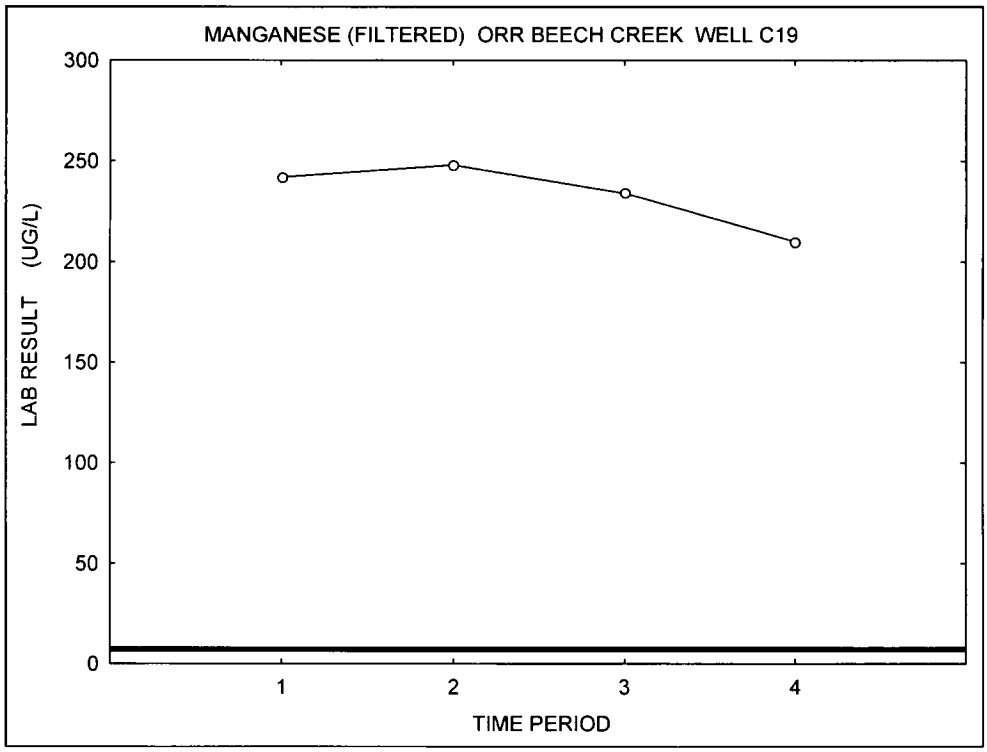

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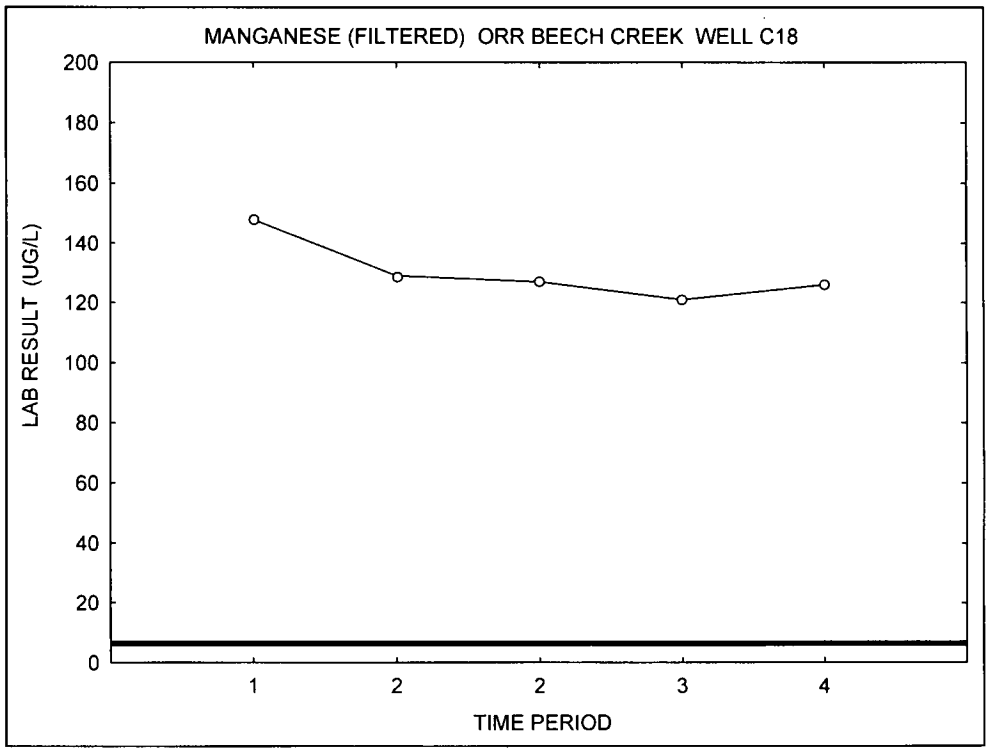

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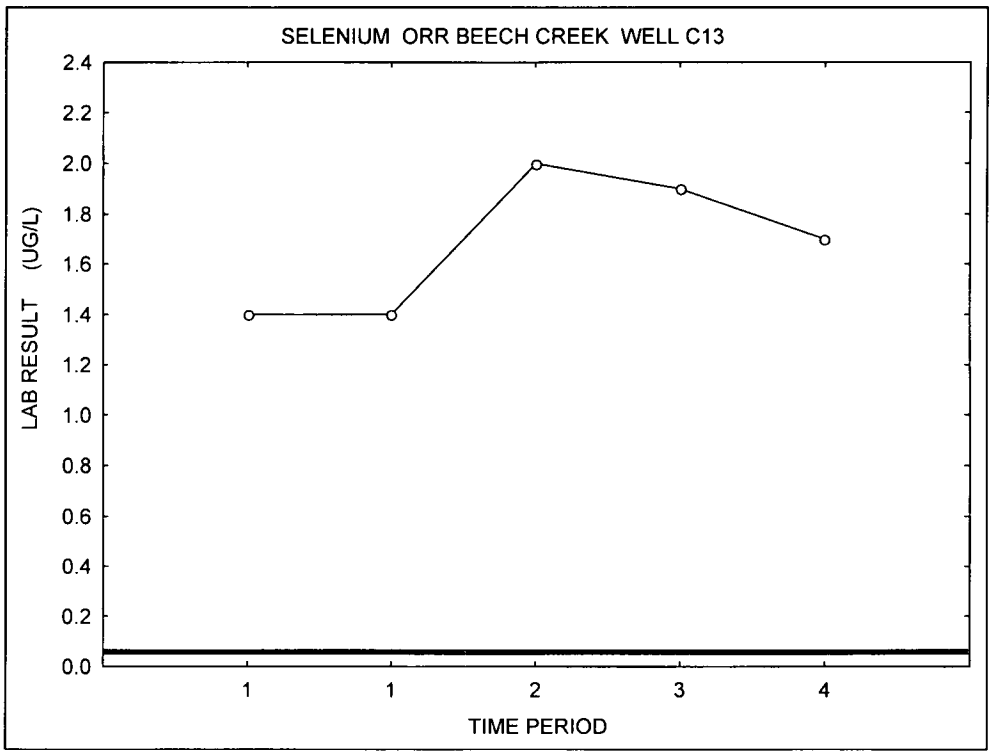

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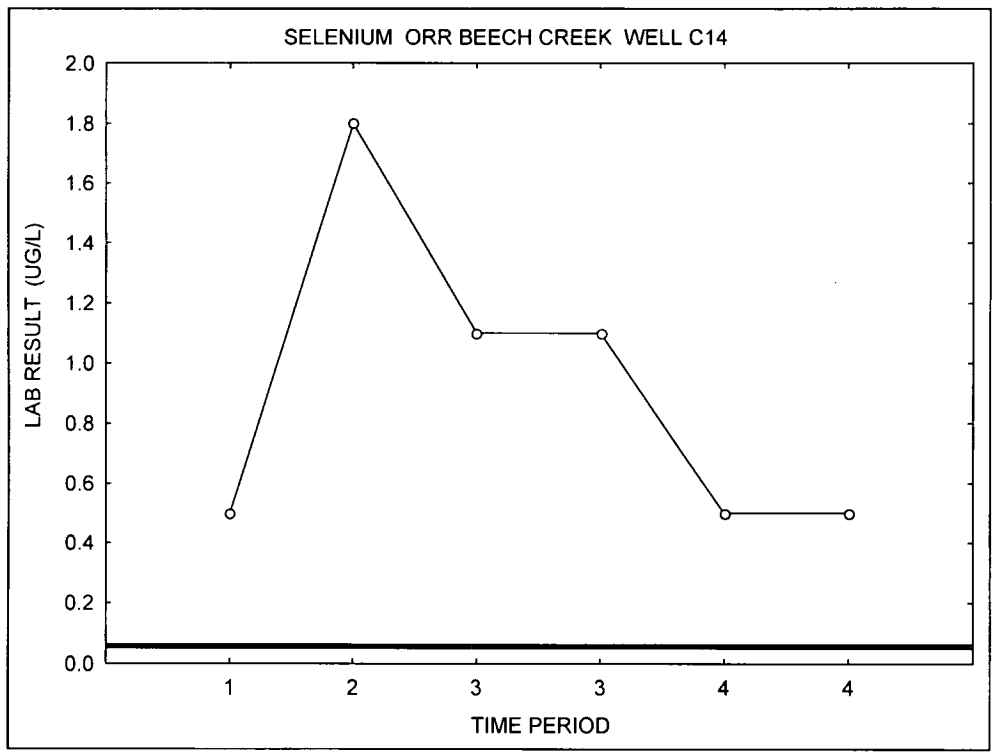

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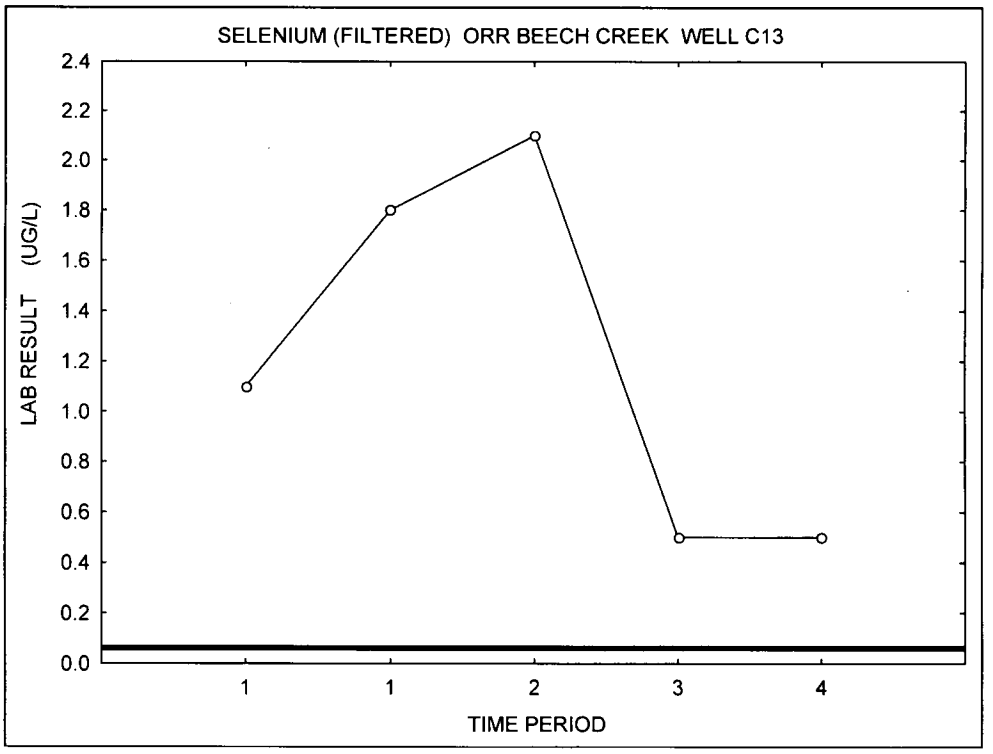

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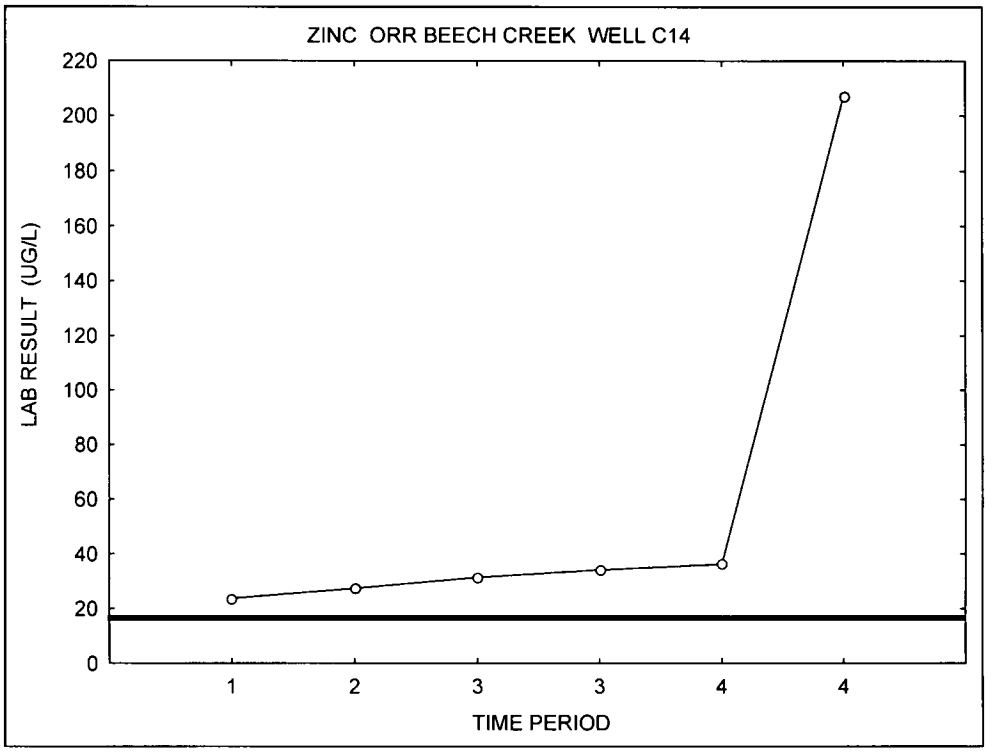

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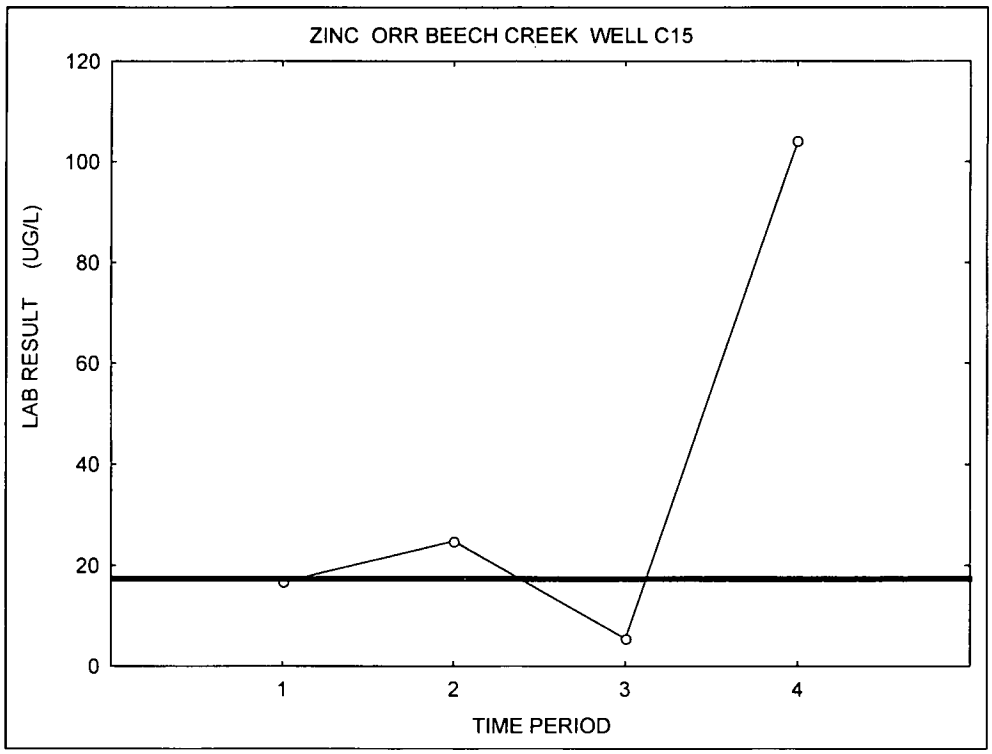

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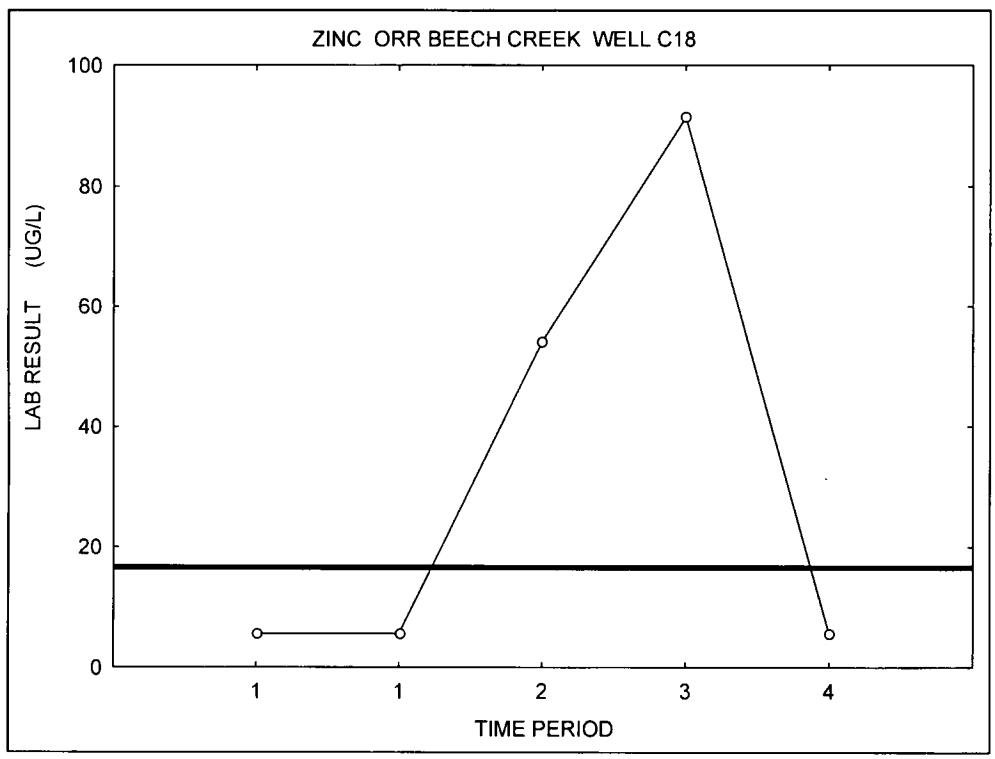

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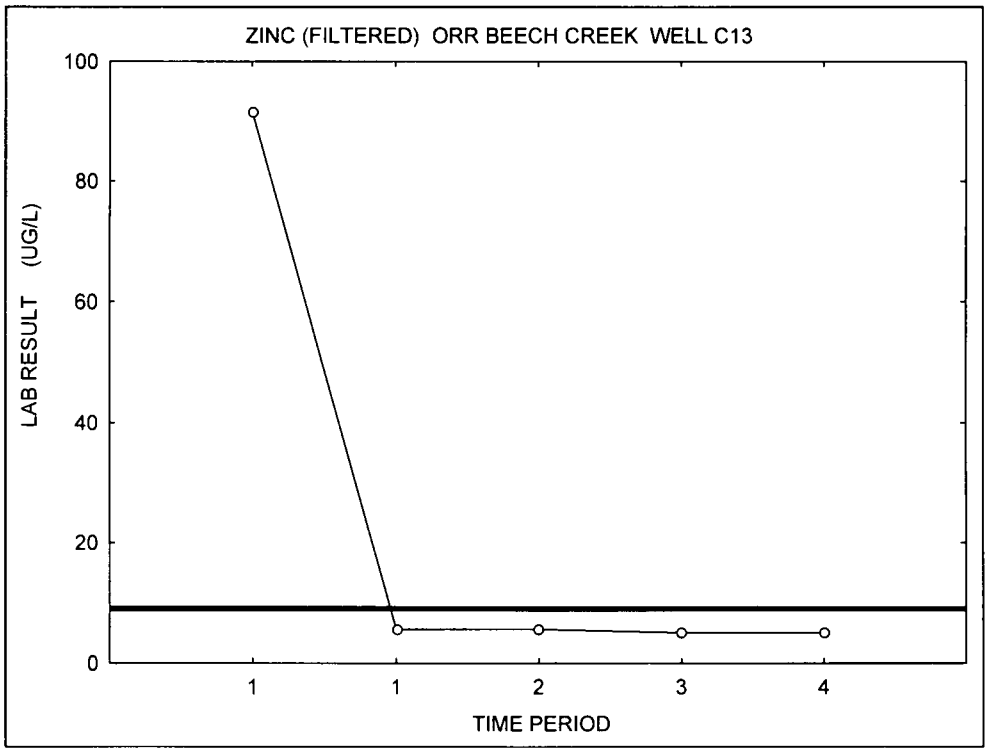
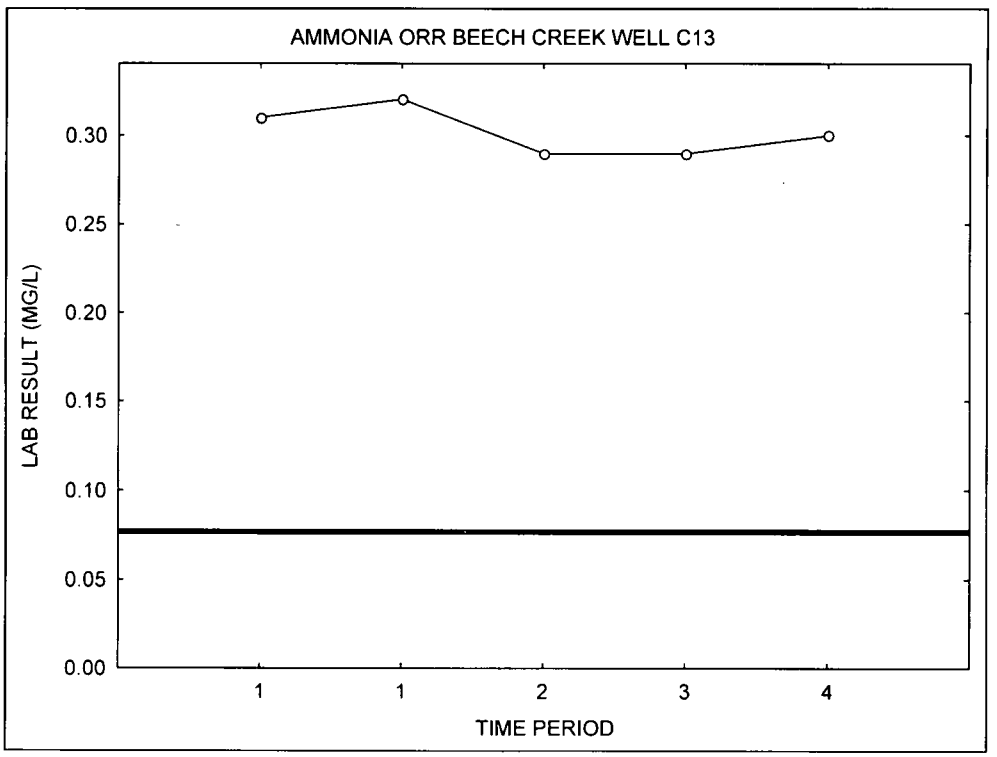

ZINC (FILTERED) ORR BEECH CREEK WELL C13
LAB RESULT (UG/L)
100
80
60
40
20
0
1
1
2
3
4
TIME PERIOD

Figure 7.128.



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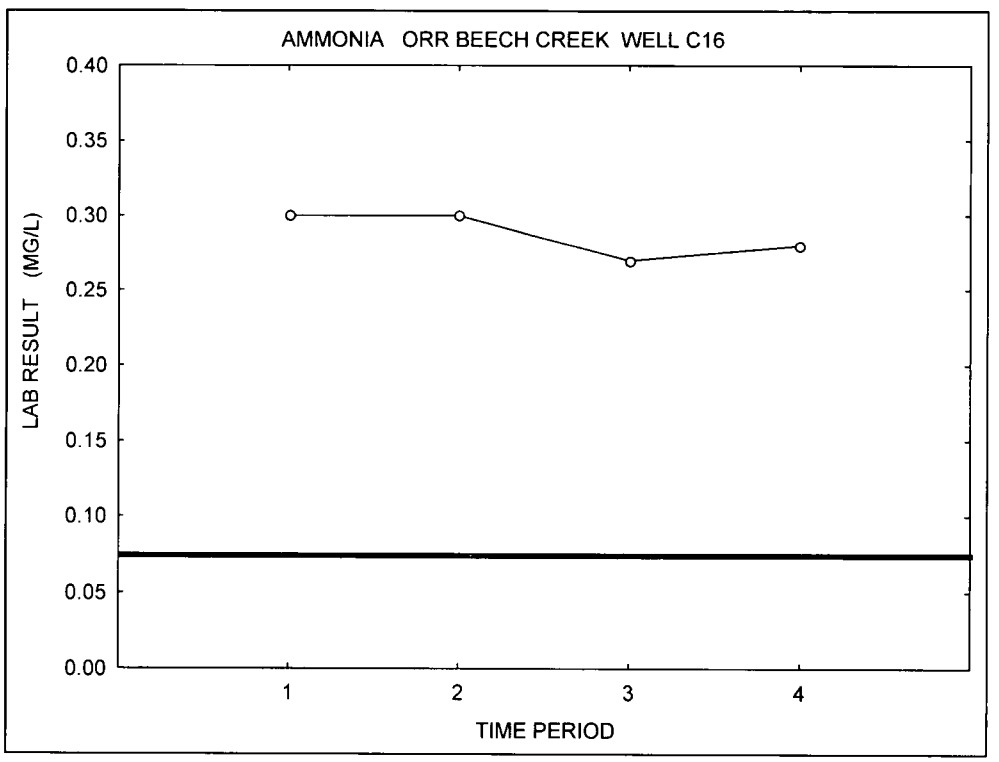

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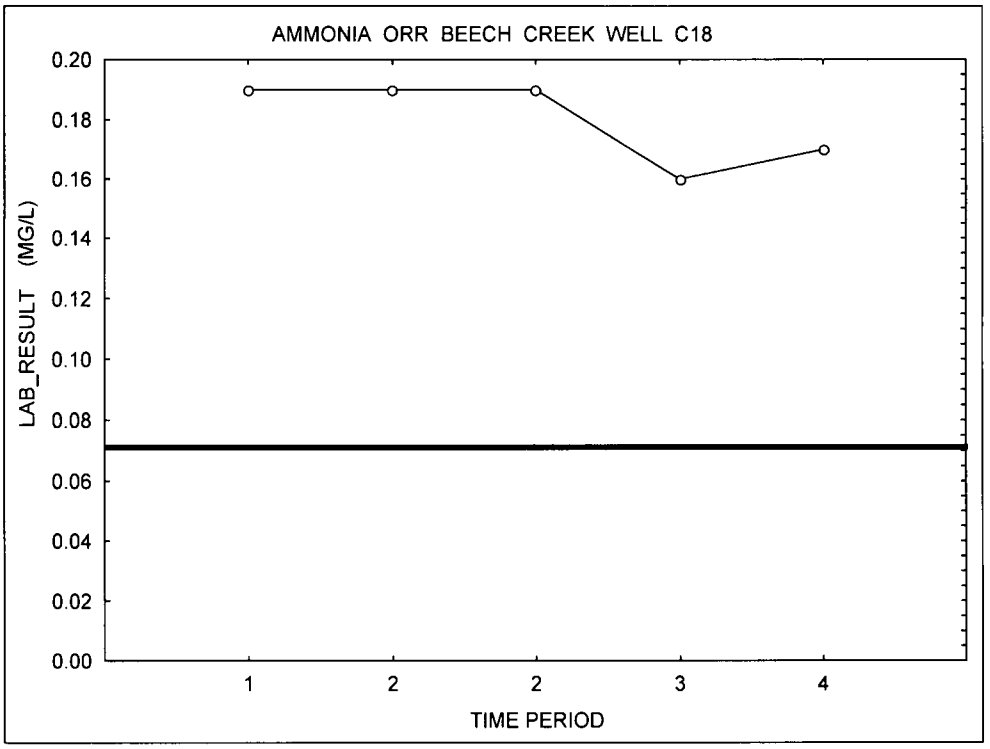

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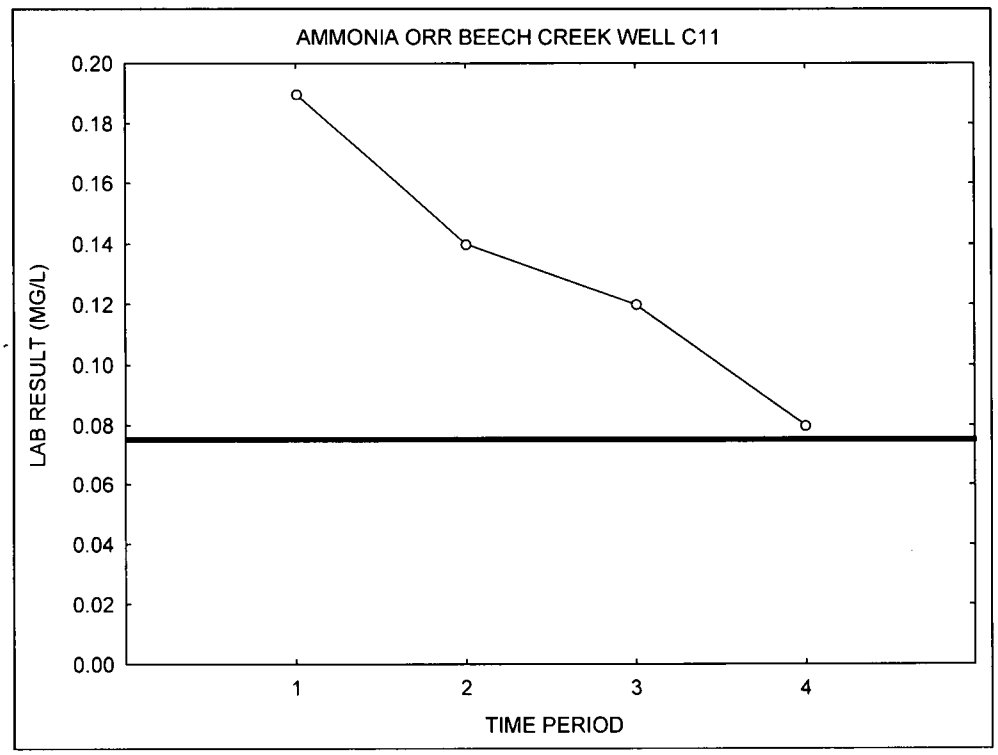

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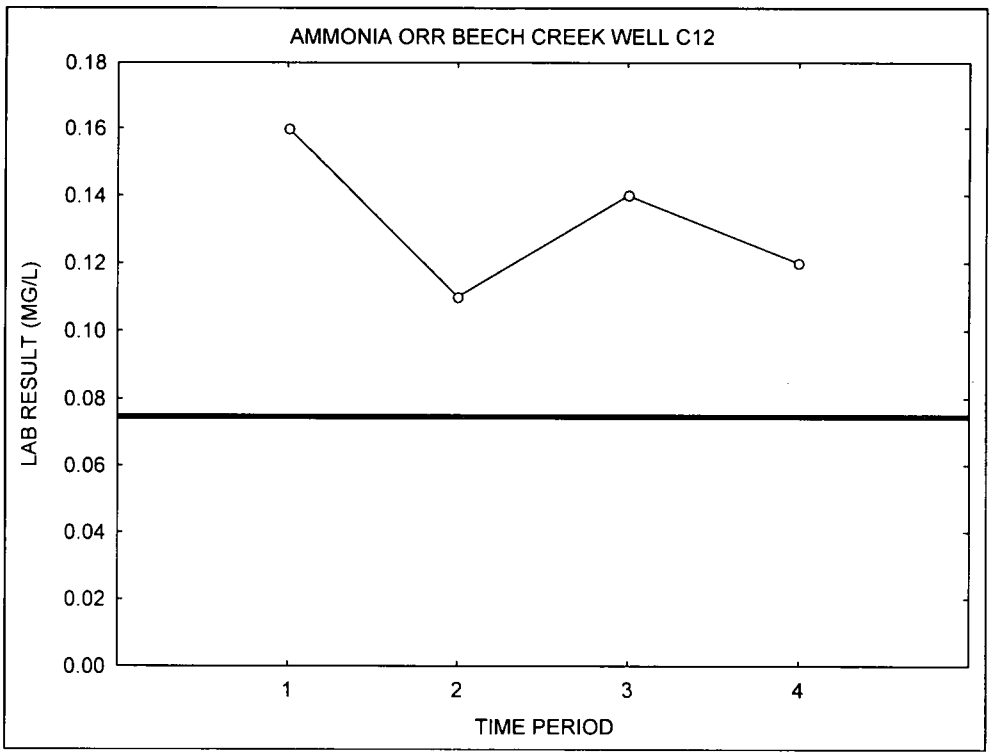

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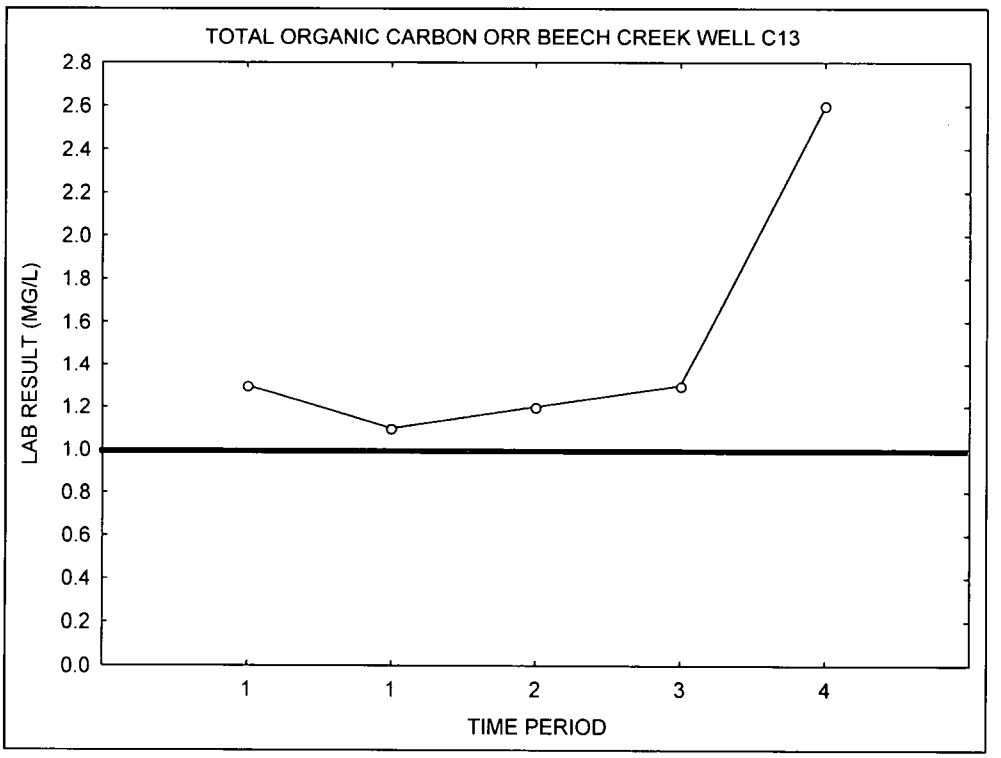

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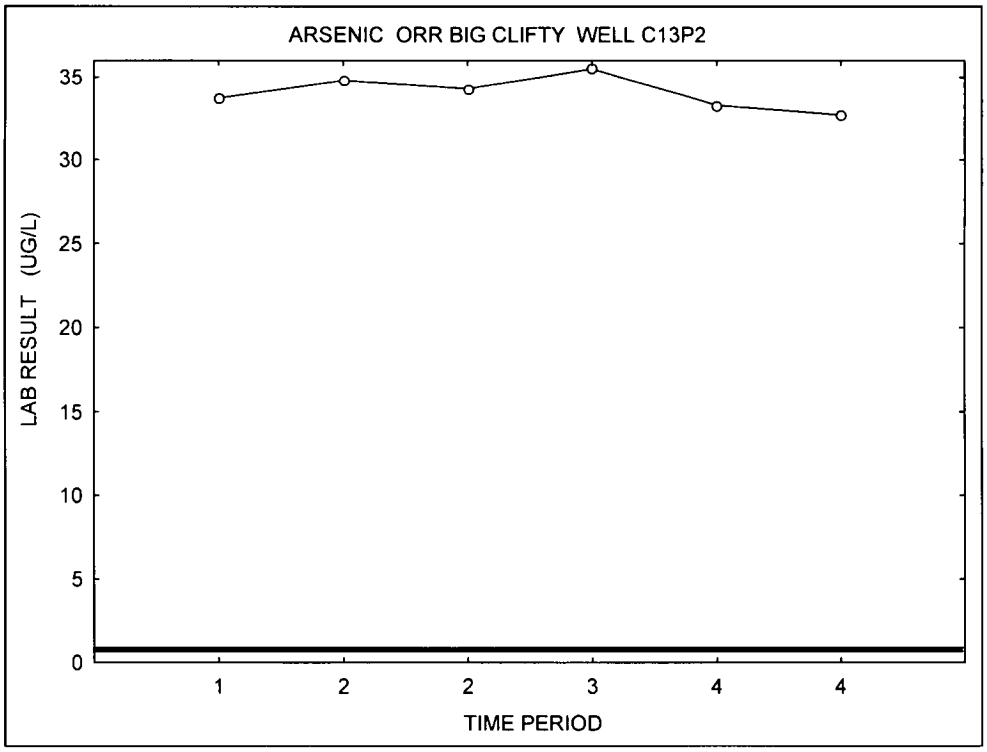

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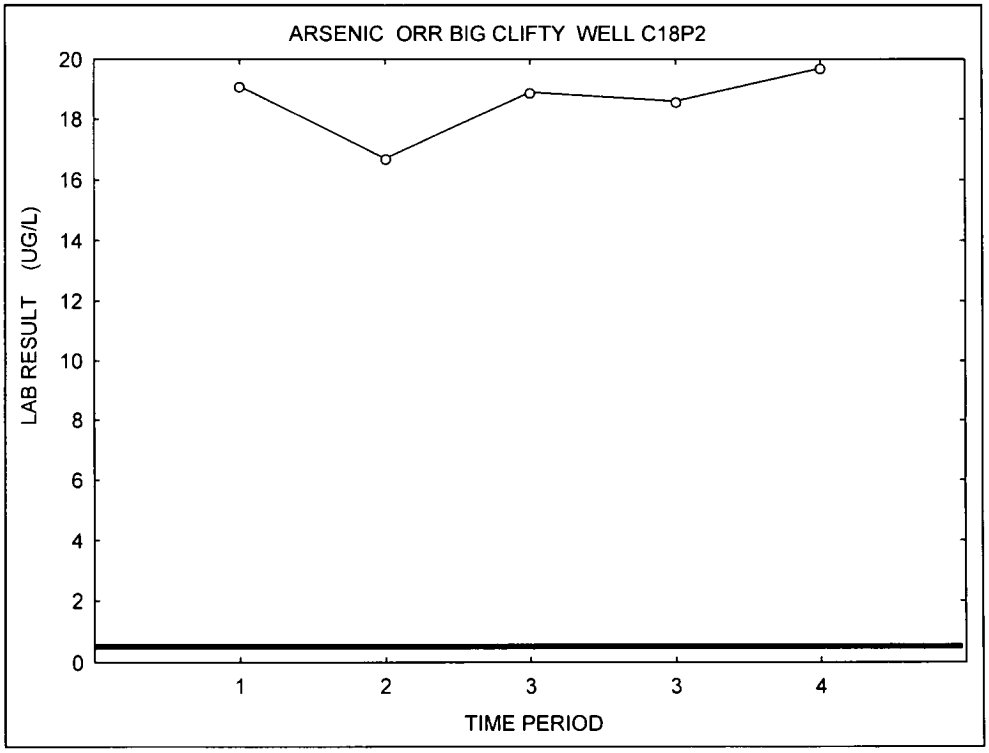

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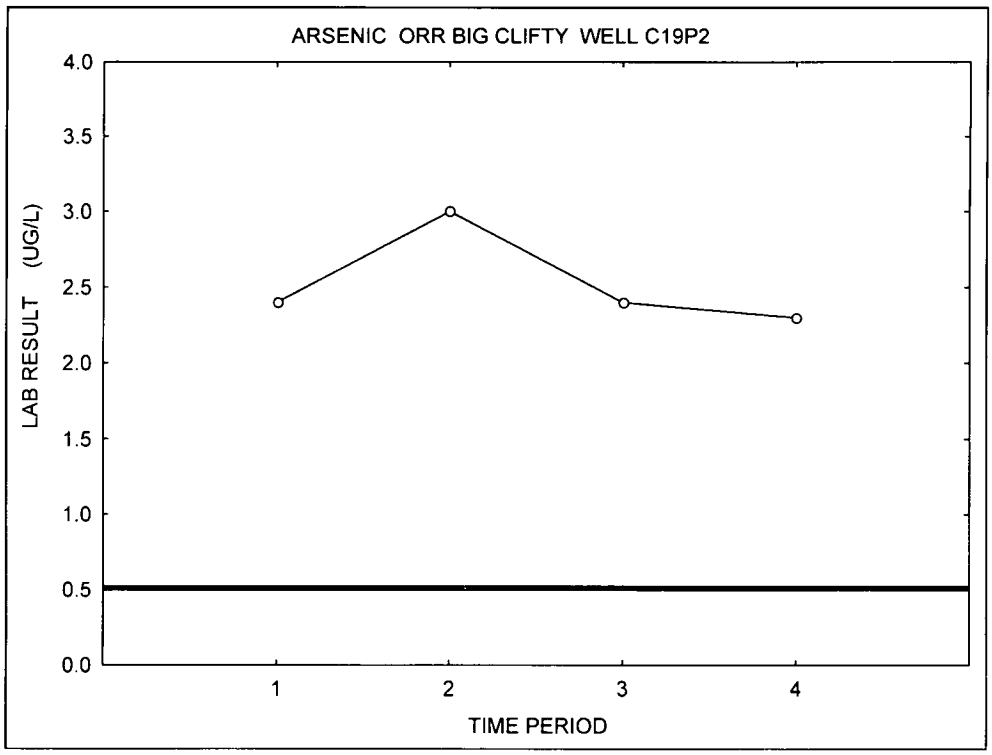

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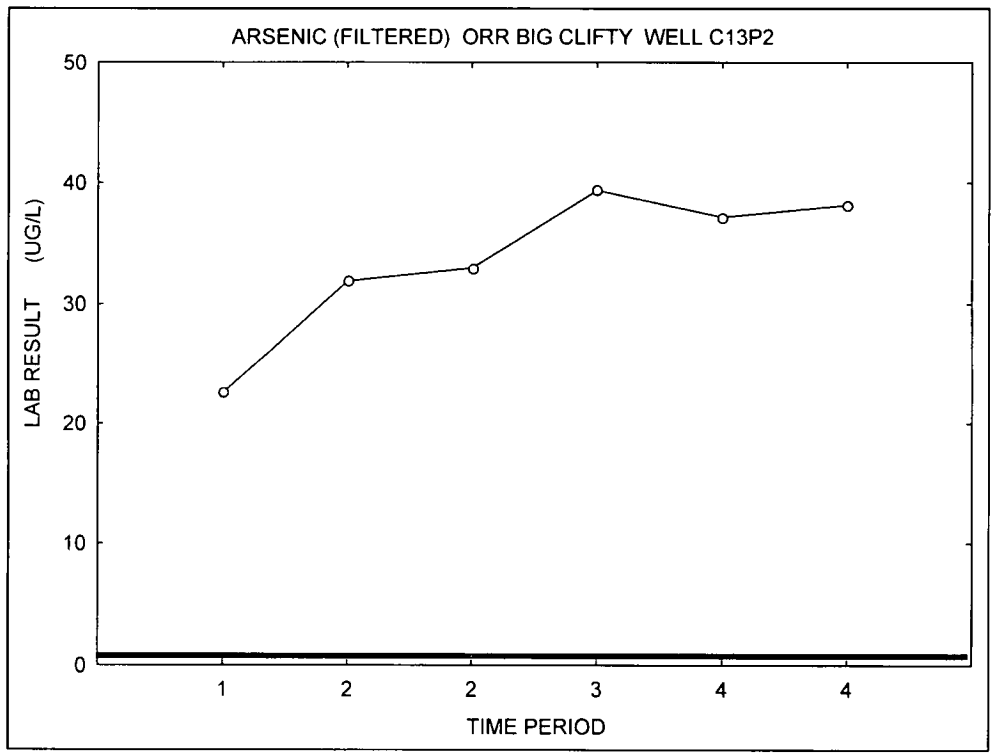

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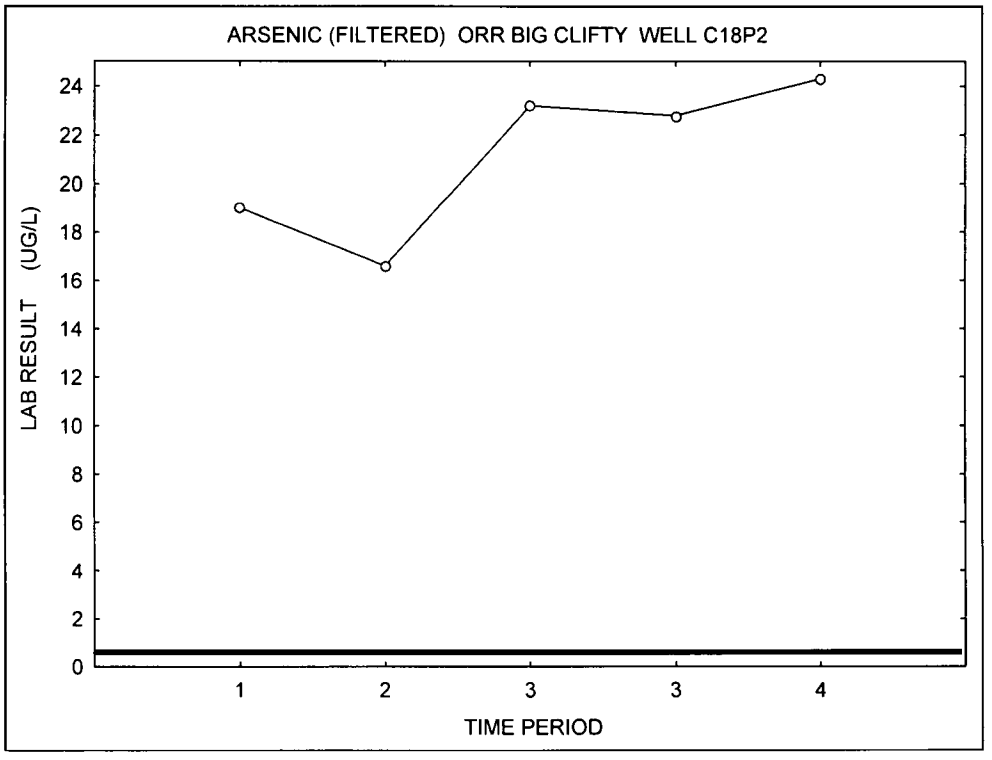

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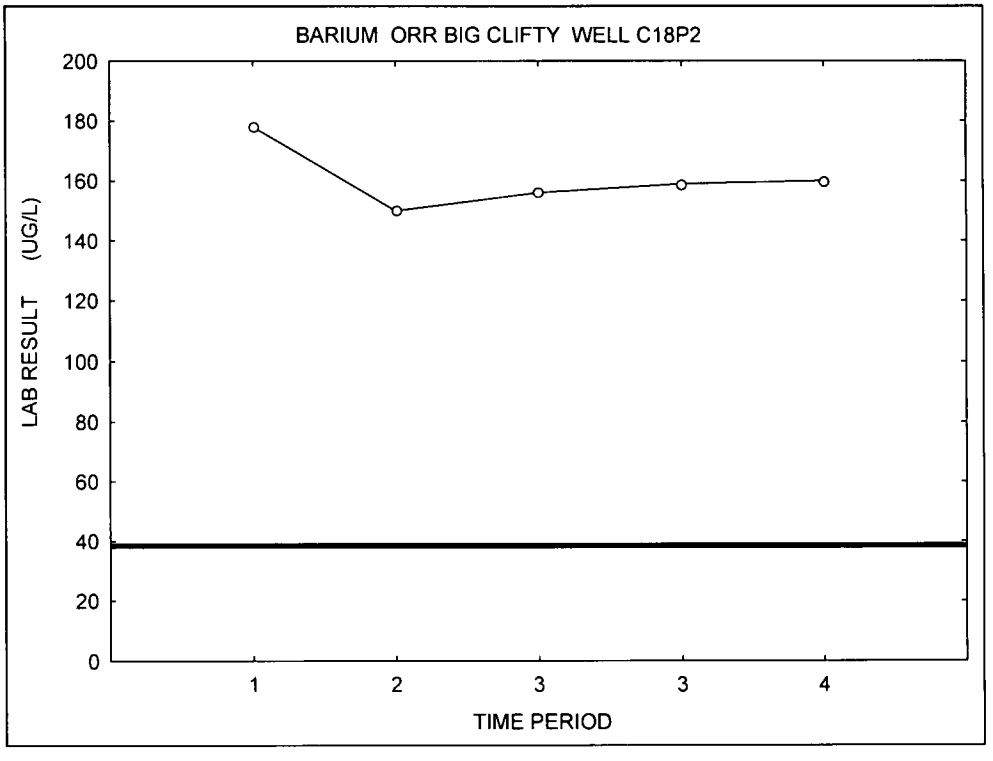

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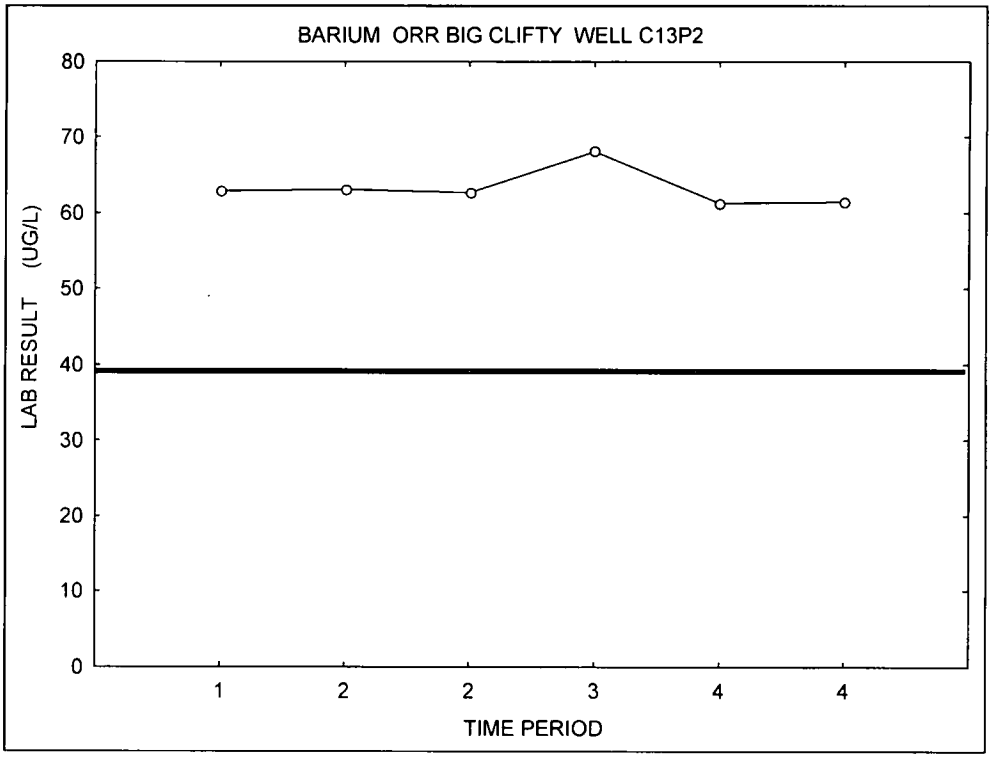

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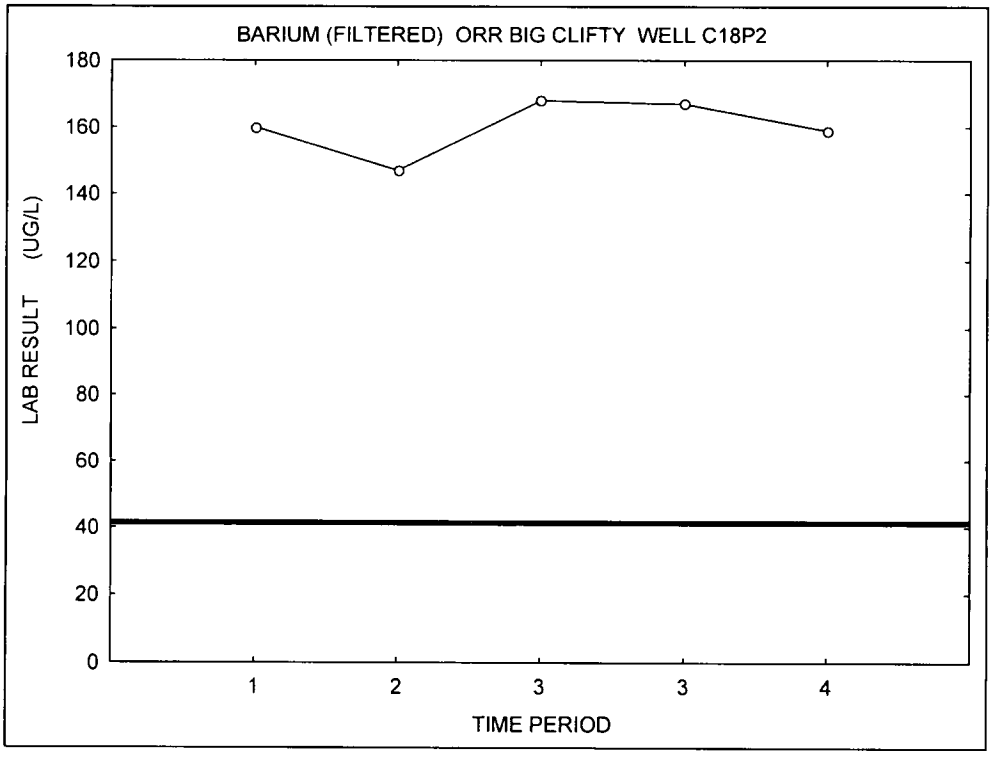

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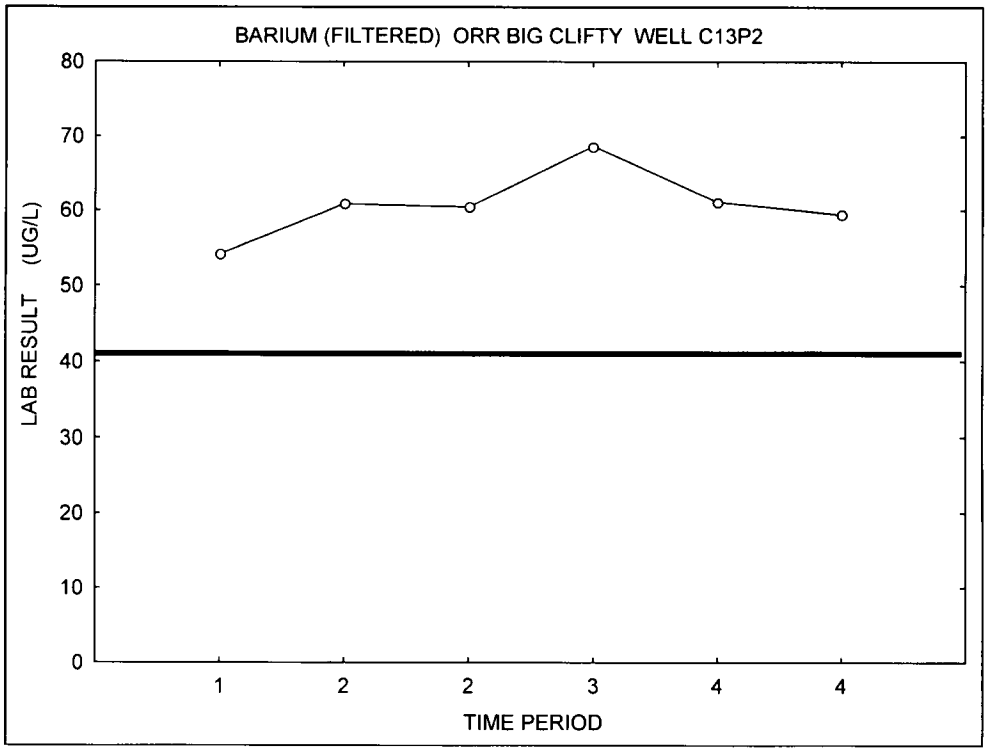

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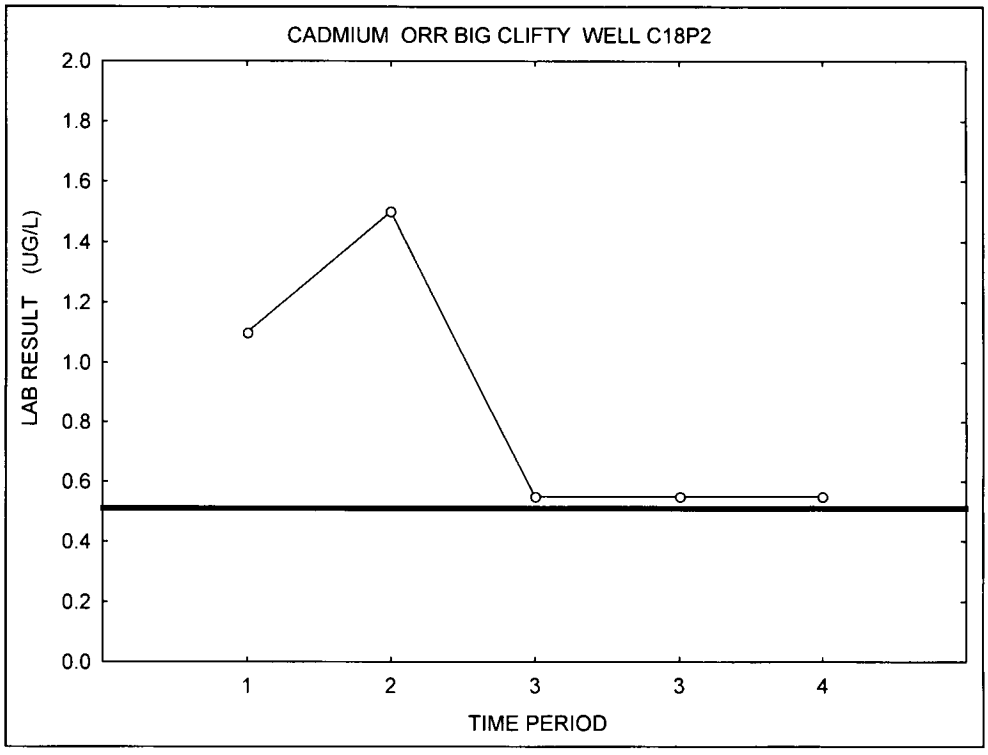

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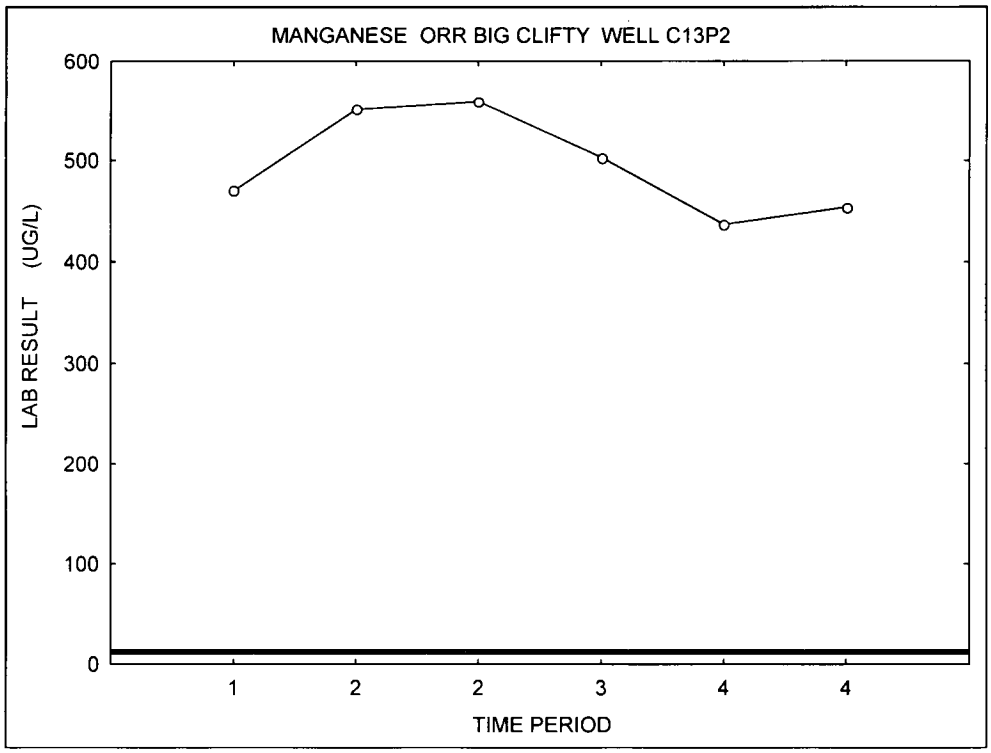

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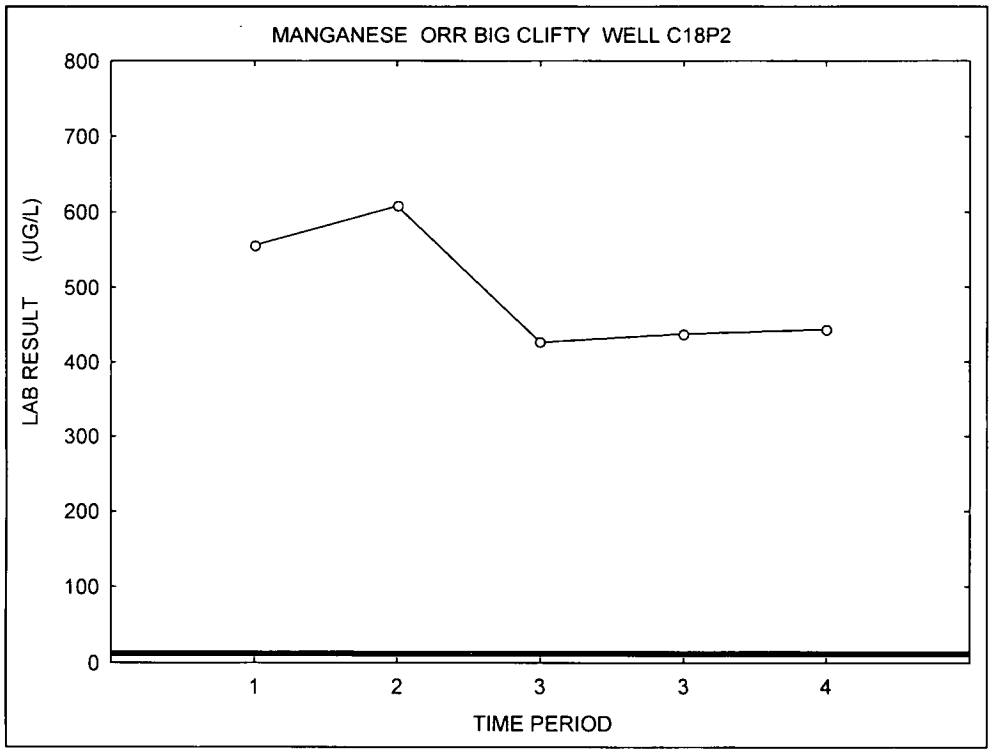
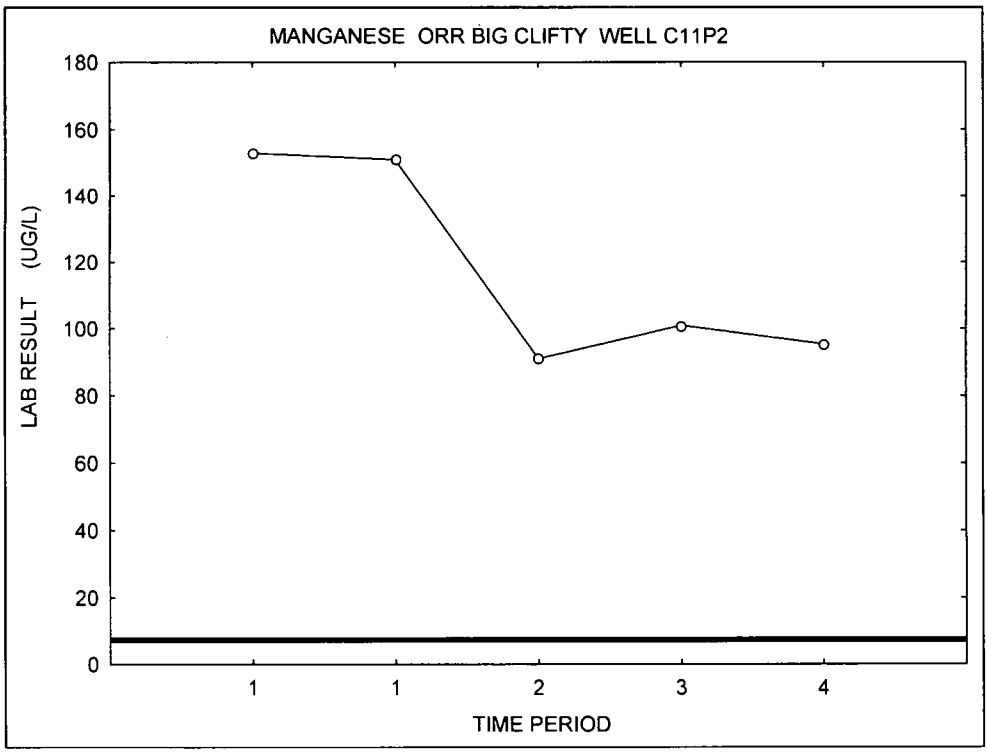


Figure 7.146.



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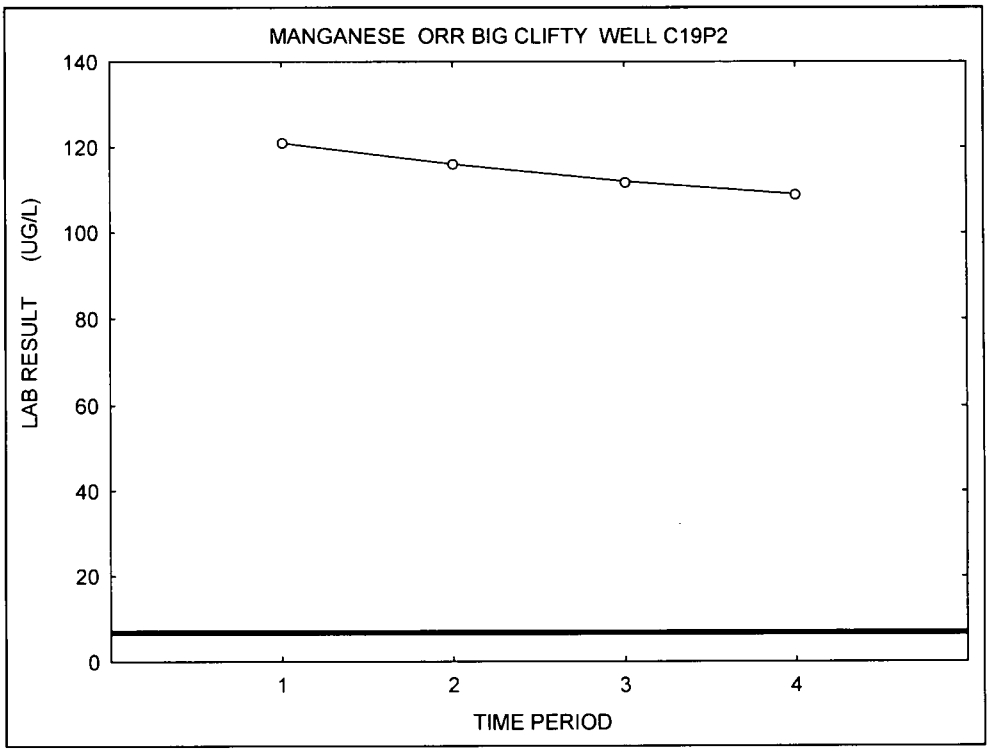
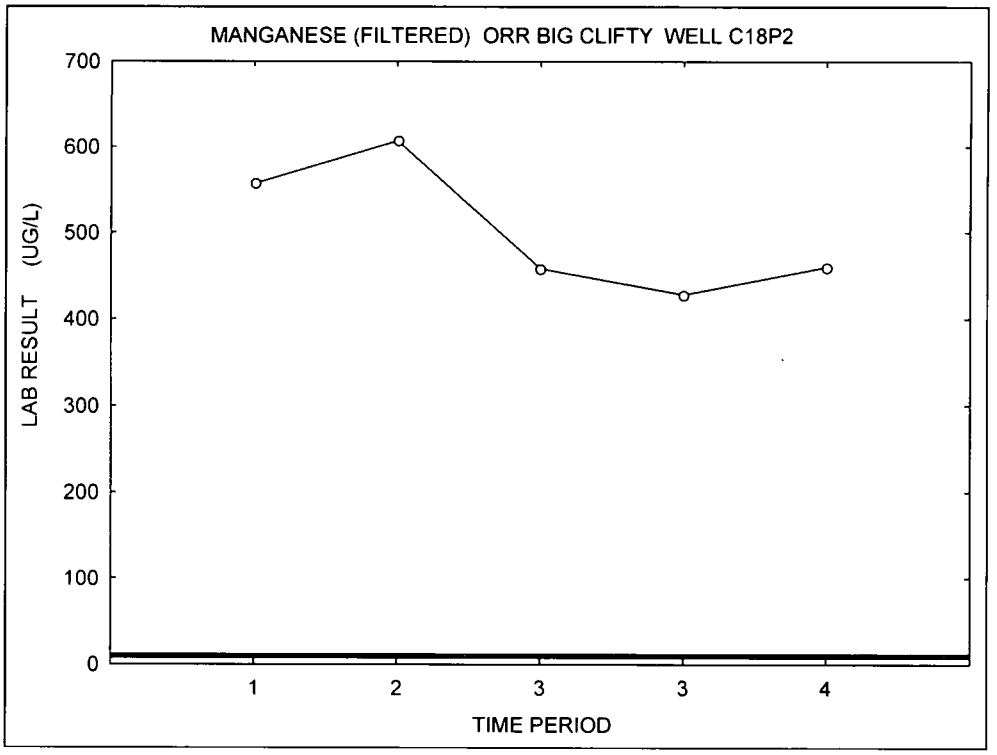


Figure 7.148.



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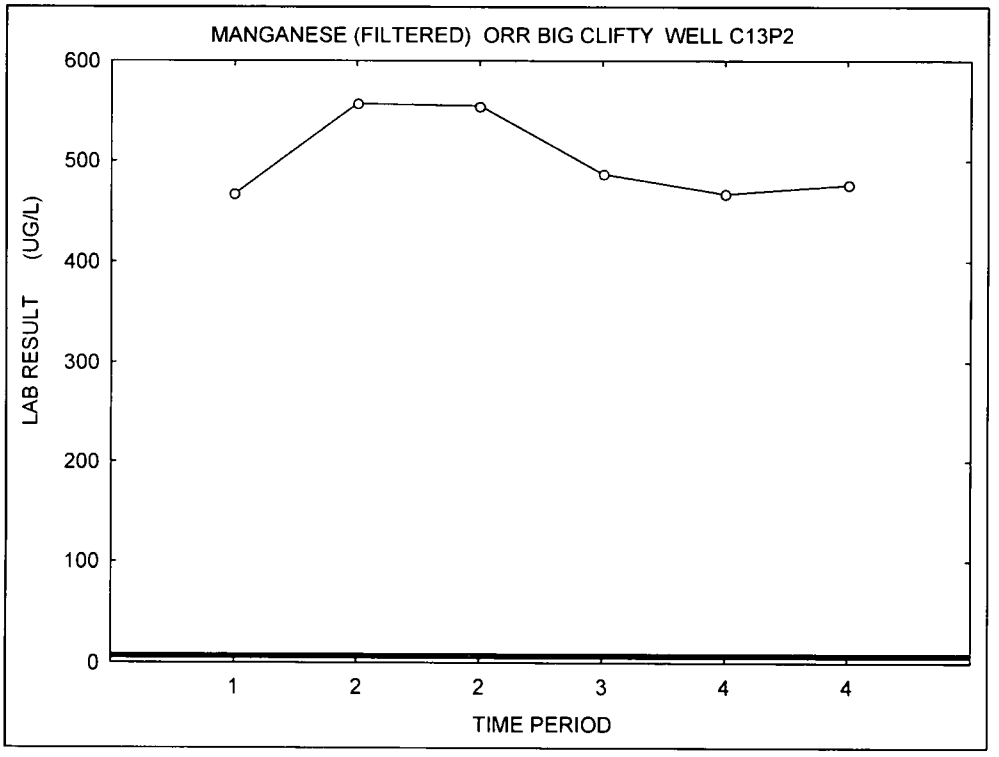

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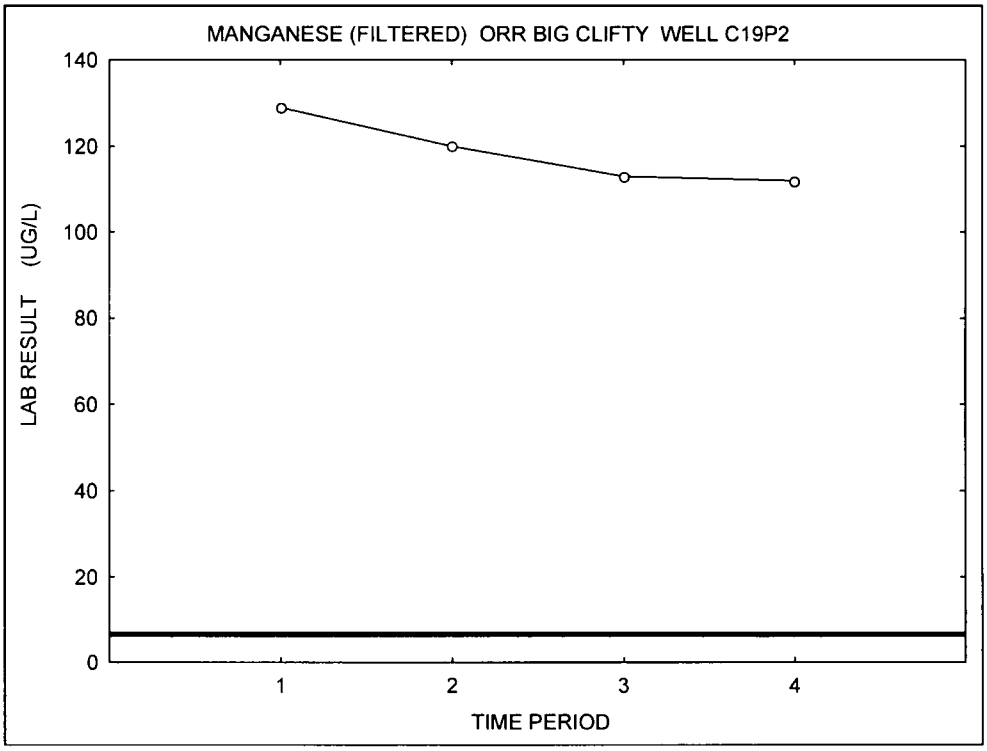

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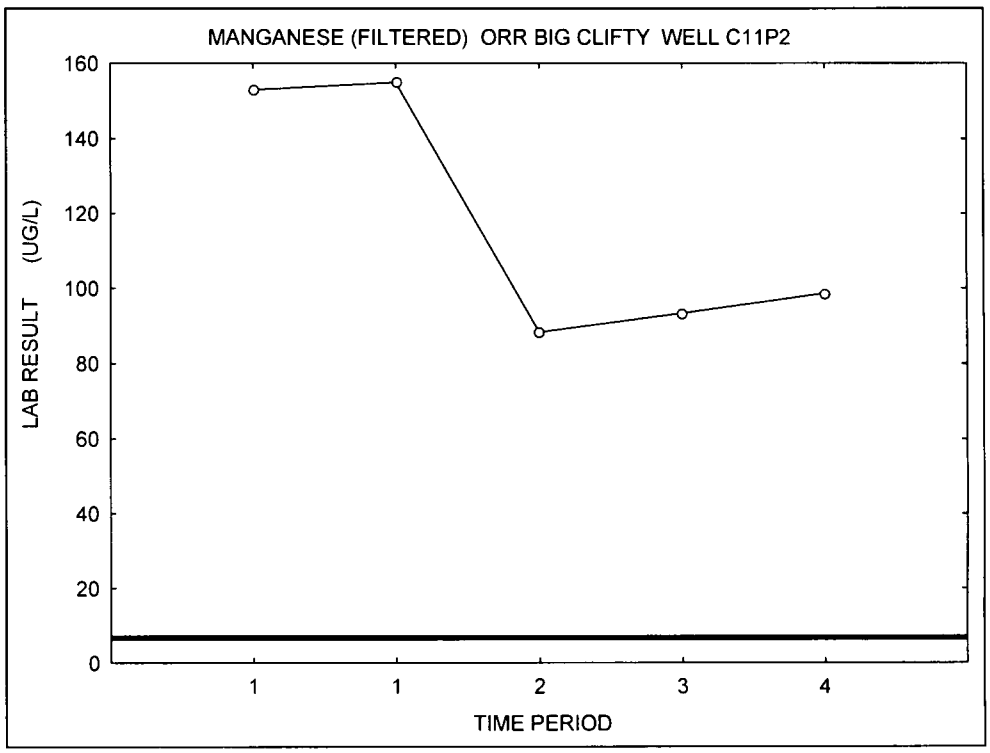

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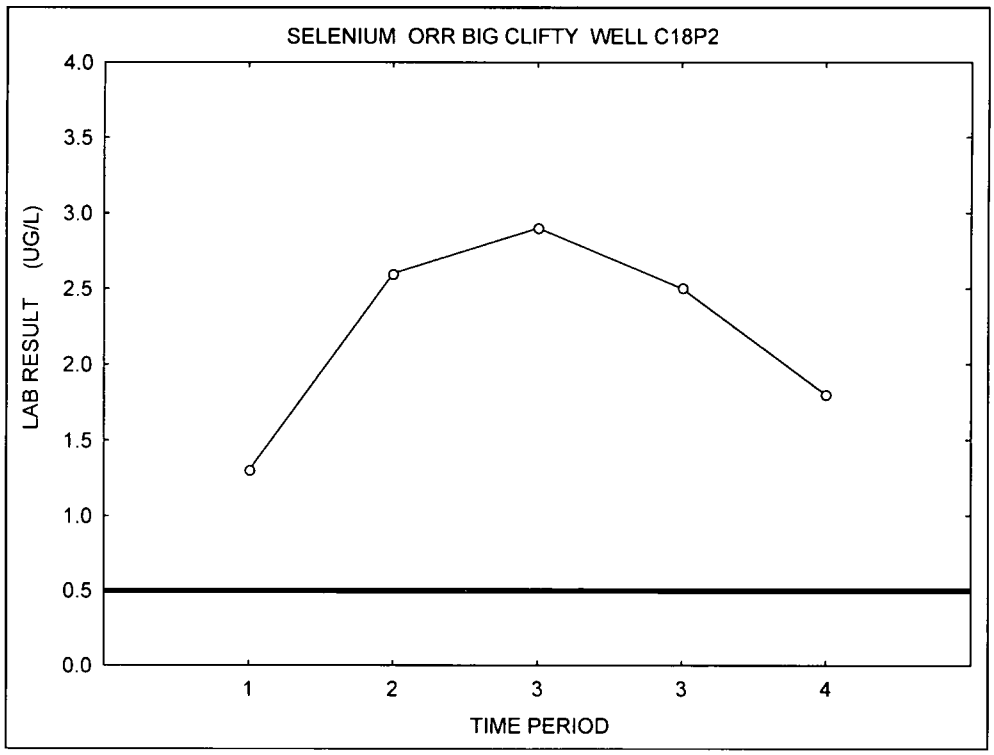

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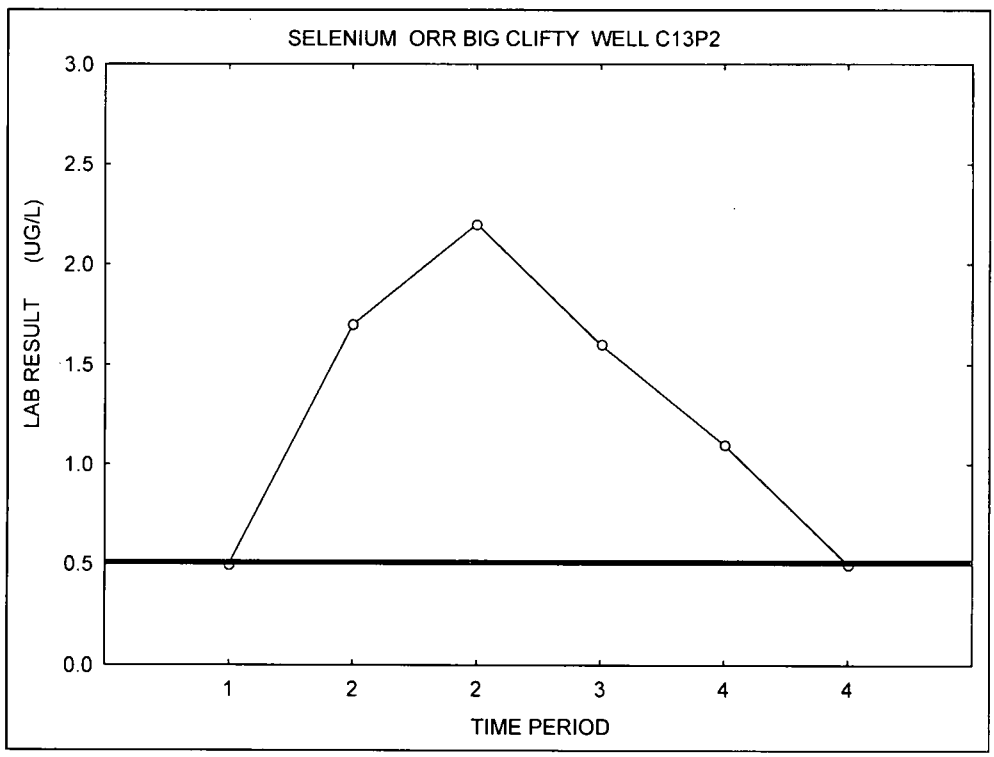

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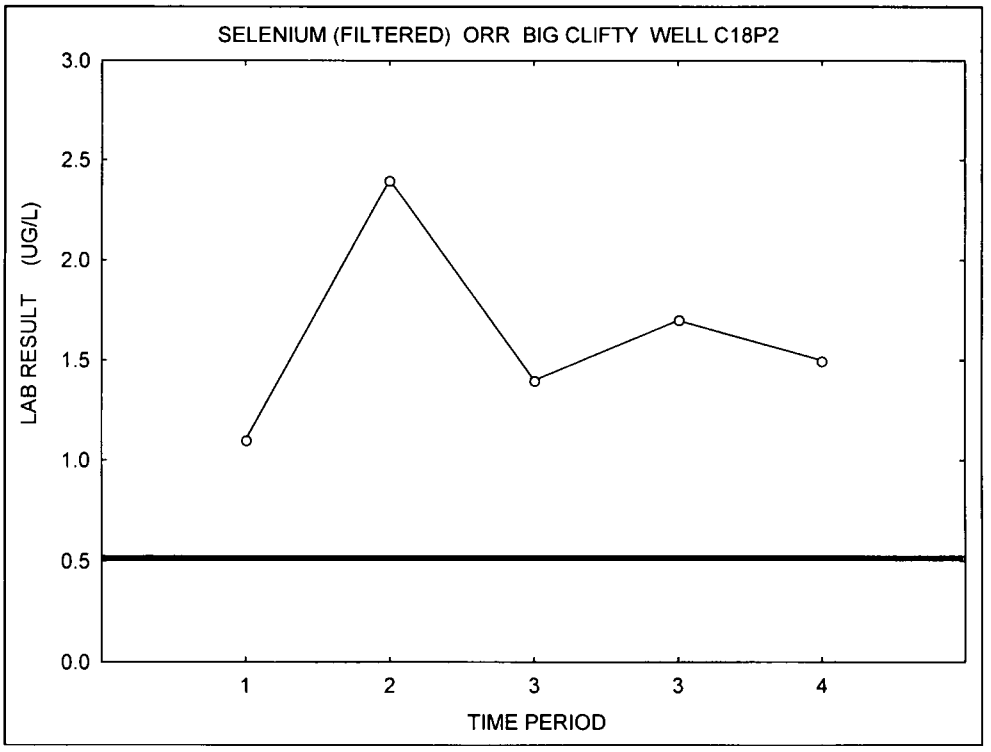

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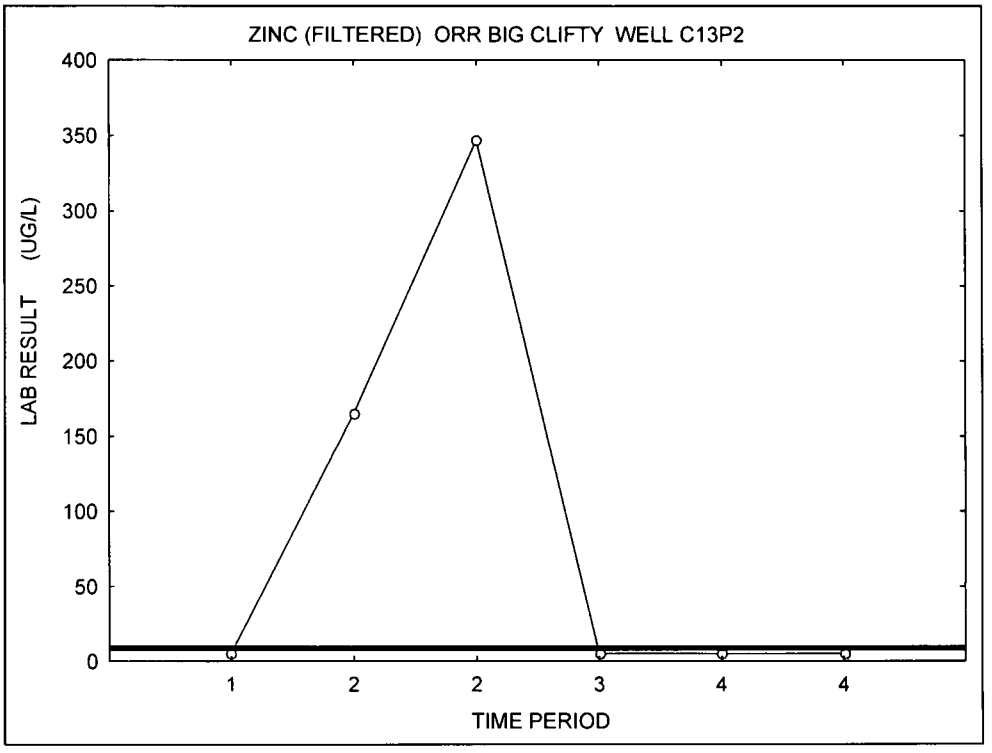

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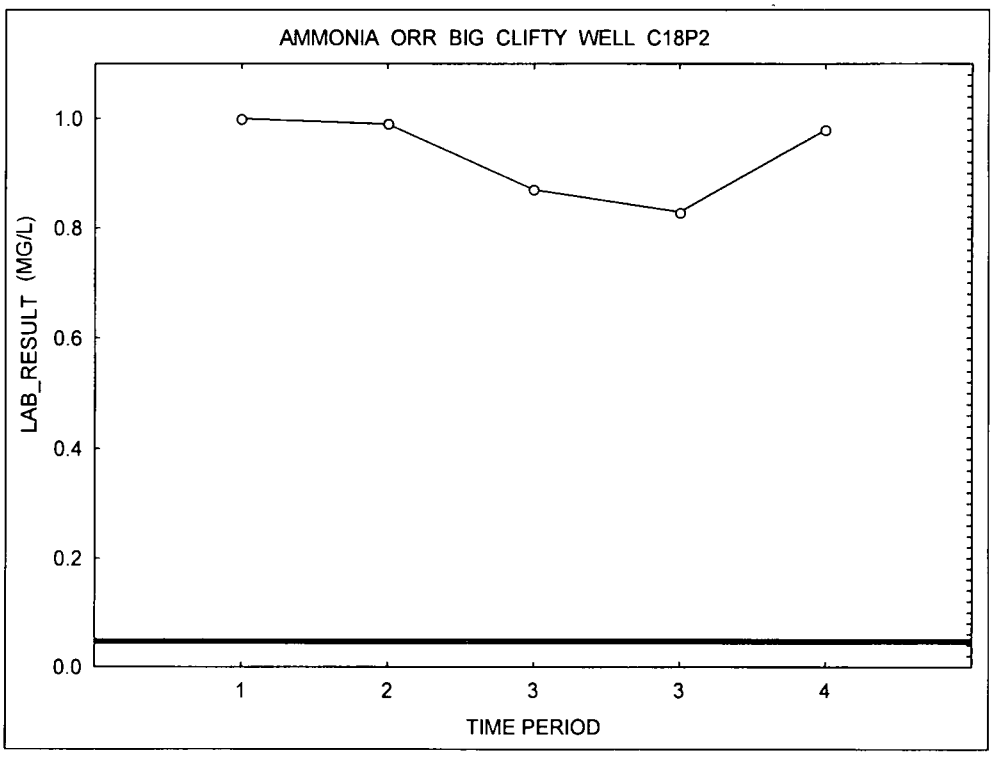

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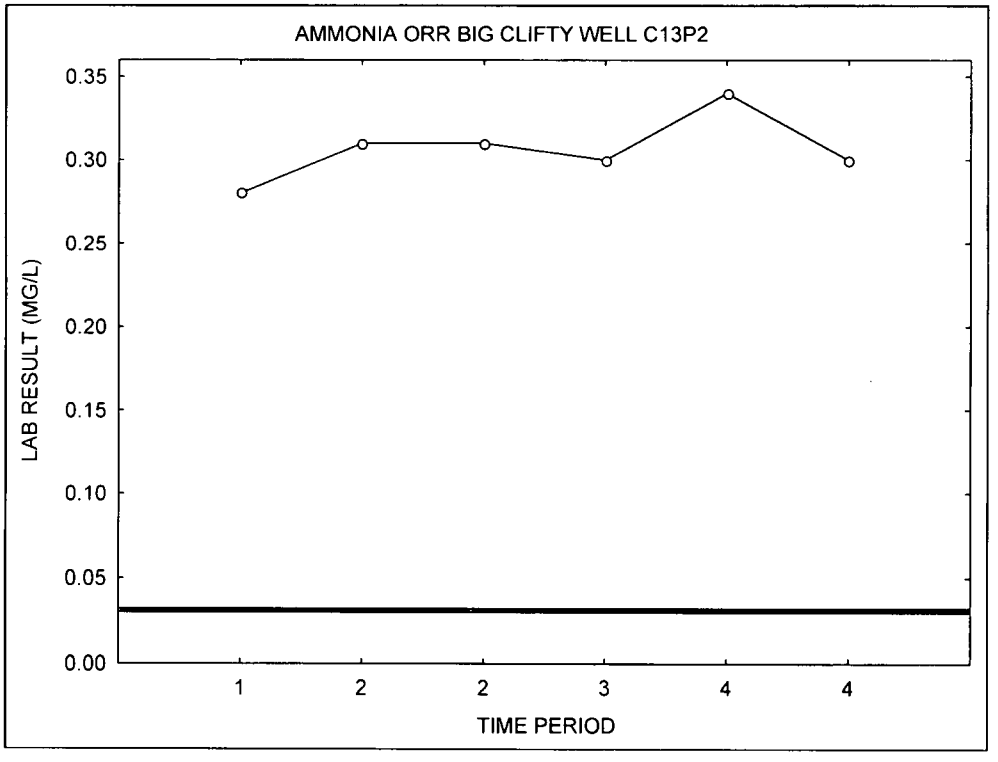

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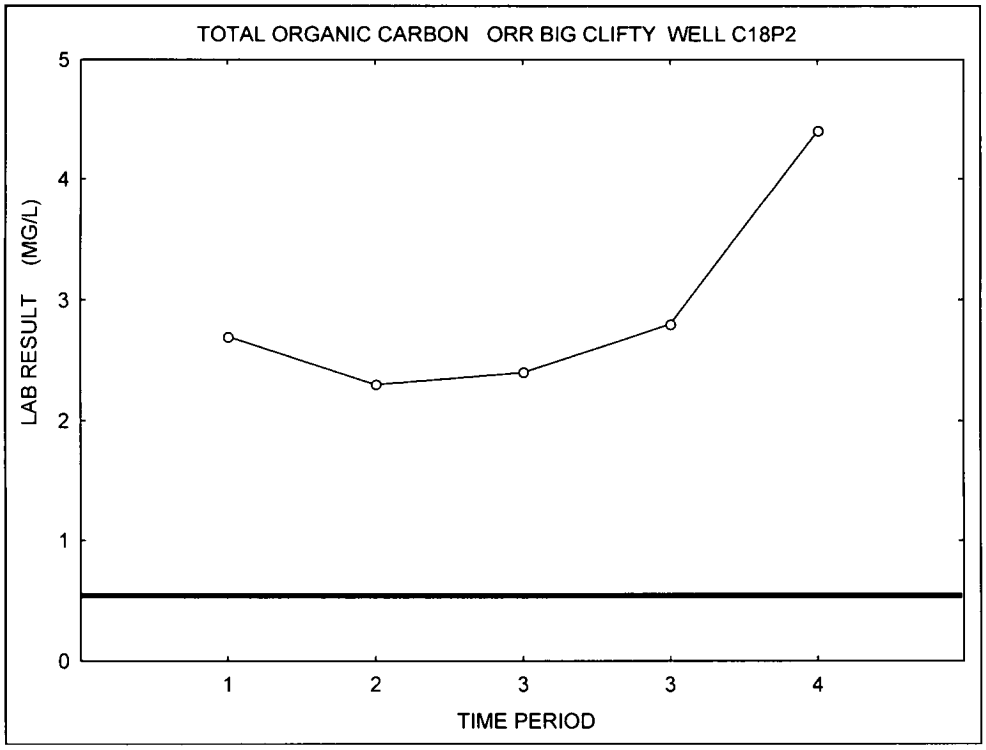

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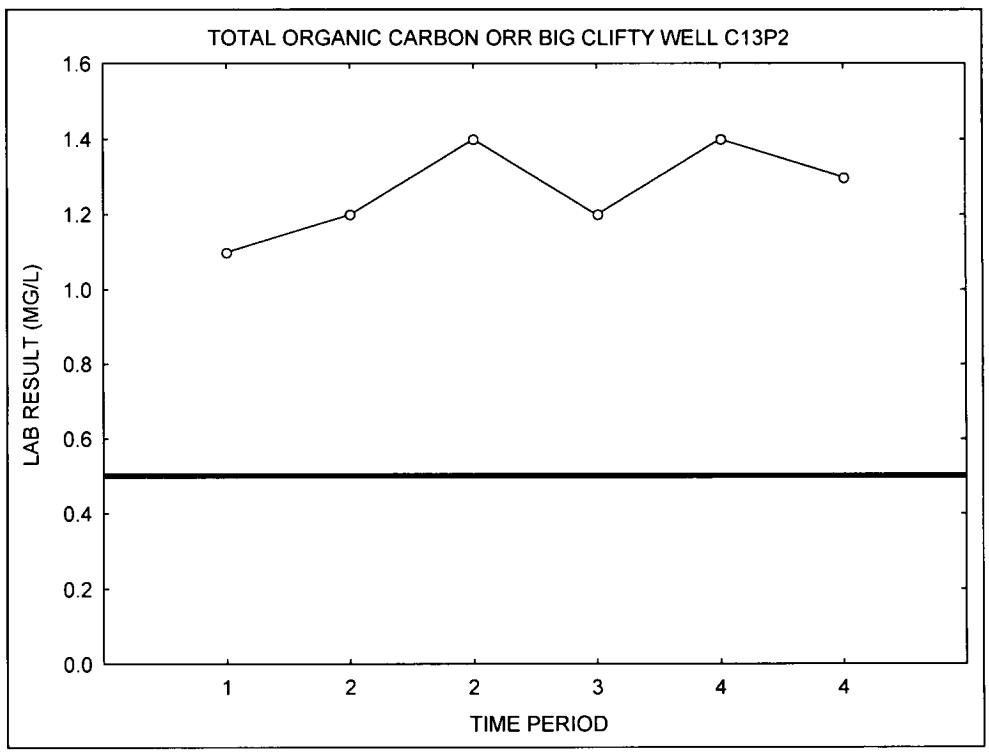


Figure 7.160.

8.0
GROUNDWATER QUALITY AND POTENTIAL CONTAMINANT MIGRATION

8.0 Groundwater Quality and Potential Contaminant Migration

Groundwater monitoring at the ABG and the ORR was initiated to meet the regulatory requirements of 40 CFR 264 Subpart F. Interim status groundwater monitoring revealed contamination underlying both sites. The regulations require the facility to determine if groundwater protection standards are being met at and beyond the point of compliance. Compliance groundwater monitoring wells at the ABG and ORR are located at the edge of the waste management areas and monitor groundwater in the uppermost aquifer. Subpart F defines the compliance point at which the groundwater protection standard applies as the vertical surface located at the hydraulic limit of the waste management area that extends into the uppermost aquifer underlying the regulated unit. 40 CFR 264.91(a)(2) requires corrective action under 264.100 whenever a groundwater protection standard is exceeded. Exceeded is defined as statistically significant evidence of increased contamination. The protection standards established under 40 CFR 264.92 are risk-based target limits (RBTLs). The RBTLs are presented in the GWMP (Tetra Tech NUS, 1999). The Ground Water Monitoring Plan (GWMP) describes, in detail, the monitoring programs at the two sites, including constituents monitored and the location of points of compliance.

8.1 Ammunition Burning Ground

The Beech Creek Aquifer underlying the ABG is the most significantly impacted groundwater under the site (Murphy, 1994). The aquifer is recharged through the Golconda/Haney aquifer in the western portion of the site and is recharged directly from percolation in the remaining portion of the ABG. Solution voids in the Beech Creek have been shown to transmit water rapidly from the eastern part of the site to springs in the Little Sulphur Creek valley. The eastern portion of the ABG is hydraulically connected to Spring A and, under more limited conditions, to Spring C (Baedke, 1998).

The US Army Corps of Engineers (USACE) assessment in the 1990's determined that Trichloroethene (TCE), RDX, and barium were frequently detected at the ABG (Murphy, 1994). Results from the 2000 quarterly monitoring generally agree with the previous findings; the most frequently detected compounds in the Beech Creek Aquifer wells in 2000 were also Barium, TCE, and RDX. Other compounds frequently detected in the quarterly monitoring of 2000 include manganese, HMX, chloroform, and cis-1,2-dichloroethene (a breakdown product of TCE).

Figures 8.1.1-8.1.4 show all detections, by quarter, for the Beech Creek monitoring wells at the ABG. Figures 8.1.5-8.1.8 show all detections, by quarter, for Spring A and Spring C. Values that exceeded an RBTL are flagged. Metals and other inorganics, volatile organic compounds, and explosives were frequently detected in wells inside the ABG proper. Explosives were frequently detected in the two springs. Background well 03C17 and offsite wells 03C30 and 03C25 exhibited detections of only inorganics and metals with the exception of Total Organic Carbon. Wells 03C08P2, 03C10, 03C11, and 03C20 exhibited the highest frequencies of detection of organic compounds and explosives. Wells 03C10 and 03C11 are located in the interior of the site. Wells 03C08P2 and 03C20 are located near the boundary of the ABG and are POCs.

Results were evaluated to determine which constituents were statistically higher than background (Section 7.0). Table 8.1 shows the ABG results that were significantly high and exceeded an RBTL in at least one of the four quarters. Monitoring point objectives as per the GWMP (Tetra Tech NUS, 1999) are noted in the table. Explosives, metals, and VOC concentrations that were significantly higher and exceeded an RBTL were found in POC wells and the springs. Constituents that exceeded both thresholds in compliance wells include 1,3,5-Trinitrobenzene, RDX, barium, zinc, manganese, Carbon Tetrachloride, Chloroform, Cis-1,2-dichloroethene, and Trichloroethene (TCE).

Barium concentrations measured in the quarterly sampling of 2000 generally agree with the mean values of historic barium data presented in Murphy (1994). However, results of the quarterly sampling show the elevated concentrations of barium to be more geographically extensive. Barium was detected in every well for each of the four quarters of 2000. Figure 8.1.9 shows the quarterly values for total barium in relation to the quarterly measured groundwater flow contours (see Figure 8.1.1 for well references). Dissolved barium was also detected in every well for each of the four quarters. However, the dissolved barium concentrations (Figure 8.1.10) were generally lower than the respective concentrations of total barium.

All of the measured dissolved and total barium concentrations exceeded the RBTL of 3.9

μg/L, including measurements in the upgradient well 03C17 and offsite wells to the south. Statistical analysis revealed that concentrations in interior well 03C10 was higher than background for total and dissolved barium (Table 8.1). Point of compliance wells 03C02P2, 03C08P2, 03C12 and 03C26 and offsite well 03C30 were also significantly higher than background for total and dissolved barium. Barium was also detected at concentrations that were significantly higher and exceeded the RBTL in both Spring A and Spring C.

Historic activities at the ABG could have contributed to the presence of barium in soil. Items have been burned at the unit that contained Barium Sulfate, an inert filler for projectiles and flares, known as "Salt-Load". The Incendiary Cage (13-ABG) was used to treat flares in the 80s and 90s. Inert filler was also burned in the trenches that used to exist where the lower flashing pit is today (9-ABG). This burning occurred prior to 1984, before the flashing pit was installed (Doug Johnson, written communication).

The presence of elevated barium in all of the ABG sampling points, including the upgradient wells and the two springs, suggests that background conditions may contribute to elevated barium concentrations in the ABG results. Results from the Basewide Background Soils Investigation (TtNUS, 2001) demonstrated that barium occurs naturally at the facility at levels greater than the Soil Risk-Based Target Limit (SRBTL). The investigation measured background concentrations of metals throughout the facility. Background concentrations represent the level of inorganic chemicals found naturally in the region. Metal concentrations in soil vary according to soil type. In the study, background concentrations according to surface and subsurface soil type were determined for 27 metals (TtNUS, 2001). Surface soils in the study are considered soils 0-1 foot below the ground surface. Subsurface soils are soils 2-6 feet below the ground surface. The SRBTL for barium used in the Basewide Background Soils Investigation was 1.04 mg/kg. All soil samples in the Basewide Background Soils Investigation exceeded the SRBTL for barium.

In 1993, soil samples from the ABG RCRA Facility Investigation were analyzed for barium. All samples from the RCRA Facility Investigation exceeded the SRBTL used in the Basewide Background Soils Investigation. Because we are more interested in how these soil concentrations relate to groundwater, it may be insightful to use U.S. EPA Soil Screening Levels (SSL) for Migration to Groundwater. The migration values are associated with a dilution and attenuation factor of one. For barium, the SSL is 82.0 mg/kg (TtNUS, 2001). Twenty-seven of the 33 barium surface samples exceed this level in the RCRA Facility Investigation. Twenty-two of the 32 subsurface samples exceed the SSL for barium.

While it is clear that background soil barium concentrations base wide are elevated, it is useful to compare results from the RCRA Facility Investigation with the Basewide Background Soils Investigation. This comparison puts the measured concentrations at the ABG into the context of concentrations in unaffected areas of the base. The soil in the ABG is residual soil derived from Mississippian bedrock/colluvium. Surface soil in the ABG is Mississippian surface soil (MS). This soil type has a background level with a 95% upper tolerance limit (UTL) of 211 mg/kg. This means that the background sample concentrations are below this limit 95% of the time. Exceedances of this value suggest that the concentration is not from the same distribution as the background concentration

(TtNUS, 2001). Soil samples taken from the ABG for the RCRA Facility Investigation show exceedances of the 95% UTL (Anderson and others, 1998). Ten out of 33 surface soil samples measured greater than 211 mg/kg. The concentrations ranged from 41.2 – 1410 mg/kg with an average of 298.1 mg/kg. It appears that surface soil samples at the ABG are generally greater than background concentrations measured in the same soil types.

Subsurface soil in the ABG is comprised of clay and silt derived from the Mississippian bedrock. The soil, therefore, belongs to two of the designated background level categories, the Mississippian subsurface clay (MBC) and Mississippian subsurface silt (MBL). The 95% UTL of the background level for MBC is 123 mg/kg. Twenty-one samples out of the 32 collected significantly exceed the background concentrations. MBL has a background level with a 95% UTL of 303 mg/kg. Eight samples out of the 32 collected significantly exceed the background concentrations. The range for the subsurface samples is 23.1 – 1740 mg/kg with an average of 178.2 mg/kg (TtNUS, 2001). It appears that subsurface soil samples as well as surface samples at the ABG are generally greater than background concentrations measured in the same soil types.

RDX concentrations were consistently elevated above the RBTL of 0.61 μg/L at several ABG wells (Figure 8.1.11). RDX was detected all four quarters in Spring A and two quarters in Spring C (Figures 8.1.5-8.1.8). Some of the measured concentrations are over two orders of magnitude greater than the RBTL. The highest RDX concentrations were measured in three wells on the upgradient, western side of the site, 03C09P2, 03C10, and 03C20. RDX concentrations decrease in downgradient wells towards the eastern side of the site. The decrease in RDX concentrations downgradient could be due to attenuation and/or dilution from increased recharge on the eastern portion of the site.

RDX is, apparently, migrating offsite away from the ABG operational area. Statistical results determined that eight wells and one of the spring sites had RDX concentrations greater than the RBTL and significantly higher than background (Table 8.1). Sites exceeding the concentration and the statistical threshold include interior wells 03C10 and 03C11, and POC wells 03C02P2, 03C07, 03C08P2, 03C09P2, 03C12, and 03C20. In addition, RDX is migrating offsite by way of karst solution features. Concentrations in Spring A exceeded the RBTL in all four quarters and were statistically higher than background.

TCE was detected at concentrations above the RBTL at many of the wells within the ABG site proper (Figure 8.1.12). Historically, the highest TCE concentrations have been measured in well 03C09P2 located on the upgradient side, northwest portion of the site (Murphy, 1994). In the 2000 sampling, two wells in the central part of the site, 03C11 and 03C20, consistently exhibited the highest concentrations at the site, concentrations around three orders of magnitude higher than the RBTL of 1.6 μg/L. The high concentrations measured downgradient from the historic high may be an indication that the plume is moving through the site.

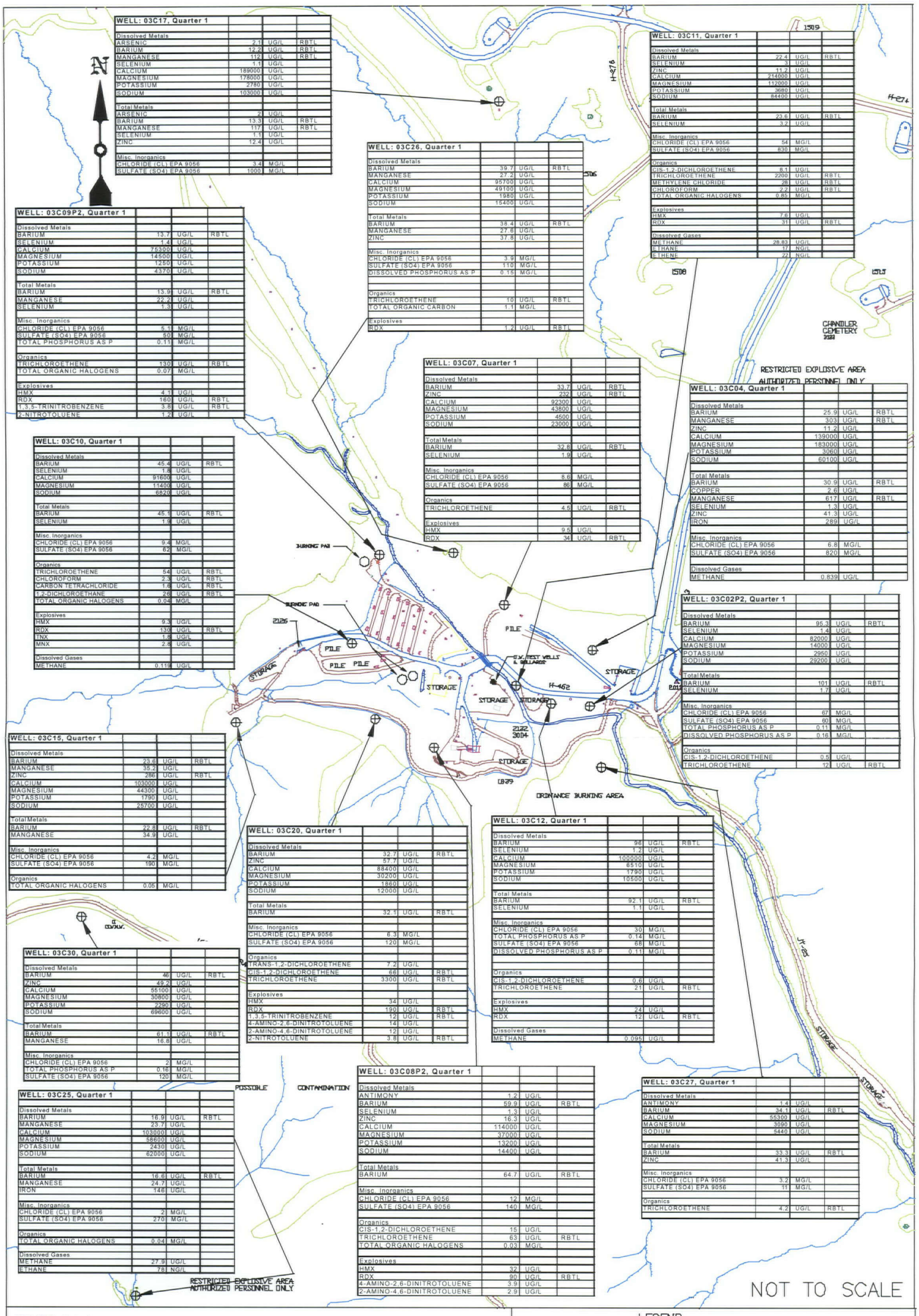
Despite the prevalence of TCE in ABG results, there is little indication that TCE is moving offsite. Only one POC well, 03C20, had TCE concentrations that exceeded the RBTL and were statistically higher than background (Table 8.1). TCE was detected in Spring A (Figures 8.1.5-8.1.8). However, it was only detected during one quarter and at

a low concentration.

HMX was consistently detected in several monitoring wells (Figure 8.1.13) and the springs (Figures 8.1.5-8.1.8). Spring A exhibited HMX concentrations in each of the four quarters at levels comparable to those found in the wells. Results for several of the sites were significantly higher than background. However, all of the measured concentrations were well below the RBTL of 1800 μg/L.

Table 8.1 Ammunition Burning Ground Monitoring Points with results exceeding an established RBTL and statistically higher than background. [C, Compliance; Cl, Closure; CA, Corrective Action; NA, Natural Attenuation; K, Karst]

Parameter	Well	MP Objective	RBTL Exceedances by Quarter			
			1st	2nd	3rd	4th
EXPLOSIVES						
1,3,5-Trinitrobenzene	03C09P2	C,Cl,K	X			
	03C20	C,Cl,K	X	X	X	X
RDX	03C02P2	C,Cl,K		X	X	
	03C07	C,Cl,K	X	X	X	X
	03C08P2	C,Cl,K	X	X	X	X
	03C09P2	C,Cl,K	X	X	X	X
	03C10	NA,K	X	X	X	X
	03C11	NA,K	X	X	X	X
	03C12	C,Cl,NA,K	X	X	X	X
	03C20	C,Cl,K	X	X	X	X
	SPA	C,Cl,NA,K	X	X	X	X
METALS						
Barium	03C02P2	C,Cl,K	X	X	X	X
	03C08P2	C,Cl,K	X	X	X	X
	03C10	NA,K	X	X	X	X
	03C12	C,Cl,NA,K	X	X	X	X
	03C26	C,Cl,K	X	X	X	X
	03C30	C,CA,Cl,K	X	X	X	X
	SPA	C,Cl,NA,K	X	X	X	X
	SPC	C,Cl,NA,K	X	X	X	X
Barium (filtered)	03C02P2	C,Cl,K	X	X	X	X
	03C08P2	C,Cl,K	X	X	X	X
	03C10	NA,K	X	X	X	X
	03C12	C,Cl,NA,K	X	X	X	X
	03C26	C,Cl,K	X	X	X	X
	03C30	C,CA,Cl,K	X	X	X	X
	SPA	C,Cl,NA,K	X	X	X	X
	SPC	C,Cl,NA,K	X	X	X	X
Selenium	03C11	NA,K			X	
Zinc (filtered)	03C07	C,Cl,K	X			
	03C15	C,Cl,K	X			
Manganese	03C04	C,Cl,NA,K	X	X		X
Manganese (filtered)	03C04	C,Cl,NA,K	X	X	X	X
VOLATILE ORGANIC COMPOUNDS						
1,2-Dichloroethane	03C10	NA,K	X	X	X	X
Carbon Tetrachloride	03C09P2	C,Cl,K		X		
	03C10	NA,K	X	X	X	X
Chloroform	03C09P2	C,Cl,K		X		
	03C10	NA,K	X	X	X	X
	03C11	NA,K	X	X	X	X
	03C20	C,Cl,K		X		
cis-1,2-Dichloroethene	03C20	C,Cl,K	X	X	X	X
Trichloroethene	03C11	NA,K	X	X	X	X
	03C20	C,Cl,K	X	X	X	X



WELL: 03C17, Quarter 1

Dissolved Metals			
ARSENIC	2.1	UG/L	RBTL
BARIUM	12.2	UG/L	RBTL
MANGANESE	112	UG/L	RBTL
SELENIUM	1.1	UG/L	
CALCIUM	189000	UG/L	
MAGNESIUM	178000	UG/L	
POTASSIUM	2780	UG/L	
SODIUM	103000	UG/L	
Total Metals			
ARSENIC	2	UG/L	
BARIUM	13.3	UG/L	RBTL
MANGANESE	117	UG/L	RBTL
SELENIUM	1.1	UG/L	
ZINC	12.4	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	3.4	MG/L	
SULFATE (SO4) EPA 9056	1000	MG/L	

WELL: 03C11, Quarter 1

Dissolved Metals			
BARIUM	22.4	UG/L	RBTL
SELENIUM	3	UG/L	
ZINC	11.2	UG/L	
CALCIUM	214000	UG/L	
MAGNESIUM	112000	UG/L	
POTASSIUM	3680	UG/L	
SODIUM	84400	UG/L	
Total Metals			
BARIUM	23.6	UG/L	RBTL
SELENIUM	3.2	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	54	MG/L	
SULFATE (SO4) EPA 9056	830	MG/L	
Organics			
CIS-1,2-DICHLOROETHENE	8.1	UG/L	
TRICHLOROETHENE	2200	UG/L	RBTL
METHYLENE CHLORIDE	28	UG/L	RBTL
CHLOROFORM	2.2	UG/L	RBTL
TOTAL ORGANIC HALOGENS	0.85	MG/L	
Explosives			
HMX	7.6	UG/L	
RDX	31	UG/L	RBTL
Dissolved Gases			
METHANE	28.83	UG/L	
ETHANE	17	NG/L	
ETHENE	22	NG/L	

WELL: 03C26, Quarter 1

Dissolved Metals			
BARIUM	39.7	UG/L	RBTL
MANGANESE	27.2	UG/L	
CALCIUM	95700	UG/L	
MAGNESIUM	49100	UG/L	
POTASSIUM	1980	UG/L	
SODIUM	15400	UG/L	
Total Metals			
BARIUM	38.4	UG/L	RBTL
MANGANESE	27.8	UG/L	
ZINC	37.8	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	3.9	MG/L	
SULFATE (SO4) EPA 9056	110	MG/L	
DISSOLVED PHOSPHORUS AS P	0.15	MG/L	
Organics			
TRICHLOROETHENE	10	UG/L	RBTL
TOTAL ORGANIC CARBON	1.1	MG/L	
Explosives			
RDX	1.2	UG/L	RBTL

WELL: 03C09P2, Quarter 1

Dissolved Metals			
BARIUM	13.7	UG/L	RBTL
SELENIUM	1.4	UG/L	
CALCIUM	75300	UG/L	
MAGNESIUM	14500	UG/L	
POTASSIUM	1250	UG/L	
SODIUM	4370	UG/L	
Total Metals			
BARIUM	13.9	UG/L	RBTL
MANGANESE	22.2	UG/L	
SELENIUM	1.3	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	5.1	MG/L	
SULFATE (SO4) EPA 9056	50	MG/L	
TOTAL PHOSPHORUS AS P	0.11	MG/L	
Organics			
TRICHLOROETHENE	130	UG/L	RBTL
TOTAL ORGANIC HALOGENS	0.07	MG/L	
Explosives			
HMX	4.1	UG/L	
RDX	160	UG/L	RBTL
1,3,5-TRINITROBENZENE	3.8	UG/L	RBTL
2-NITROTOLUENE	1.2	UG/L	

WELL: 03C07, Quarter 1

Dissolved Metals			
BARIUM	33.7	UG/L	RBTL
ZINC	232	UG/L	RBTL
CALCIUM	92300	UG/L	
MAGNESIUM	43800	UG/L	
POTASSIUM	4500	UG/L	
SODIUM	23000	UG/L	
Total Metals			
BARIUM	32.8	UG/L	RBTL
SELENIUM	1.9	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	8.6	MG/L	
SULFATE (SO4) EPA 9056	86	MG/L	
Organics			
TRICHLOROETHENE	4.5	UG/L	RBTL
Explosives			
HMX	9.5	UG/L	
RDX	34	UG/L	RBTL

WELL: 03C04, Quarter 1

Dissolved Metals			
BARIUM	25.9	UG/L	RBTL
MANGANESE	303	UG/L	RBTL
ZINC	11.2	UG/L	
CALCIUM	139000	UG/L	
MAGNESIUM	183000	UG/L	
POTASSIUM	3060	UG/L	
SODIUM	60100	UG/L	
Total Metals			
BARIUM	30.9	UG/L	RBTL
COPPER	2.6	UG/L	
MANGANESE	617	UG/L	RBTL
SELENIUM	1.3	UG/L	
ZINC	41.3	UG/L	
IRON	289	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	6.8	MG/L	
SULFATE (SO4) EPA 9056	820	MG/L	
Dissolved Gases			
METHANE	0.839	UG/L	

WELL: 03C10, Quarter 1

Dissolved Metals			
BARIUM	45.4	UG/L	RBTL
SELENIUM	1.8	UG/L	
CALCIUM	91600	UG/L	
MAGNESIUM	11400	UG/L	
SODIUM	6820	UG/L	
Total Metals			
BARIUM	45.1	UG/L	RBTL
SELENIUM	1.9	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	9.4	MG/L	
SULFATE (SO4) EPA 9056	62	MG/L	
Organics			
TRICHLOROETHENE	54	UG/L	RBTL
CHLOROFORM	2.3	UG/L	RBTL
CARBON TETRACHLORIDE	1.6	UG/L	RBTL
1,2-DICHLOROETHANE	26	UG/L	RBTL
TOTAL ORGANIC HALOGENS	0.04	MG/L	
Explosives			
HMX	9.3	UG/L	
RDX	130	UG/L	RBTL
TNX	1.8	UG/L	
MNX	2.8	UG/L	
Dissolved Gases			
METHANE	0.119	UG/L	

WELL: 03C02P2, Quarter 1

Dissolved Metals			
BARIUM	95.3	UG/L	RBTL
SELENIUM	1.4	UG/L	
CALCIUM	82000	UG/L	
MAGNESIUM	14000	UG/L	
POTASSIUM	2950	UG/L	
SODIUM	29200	UG/L	
Total Metals			
BARIUM	101	UG/L	RBTL
SELENIUM	1.7	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	67	MG/L	
SULFATE (SO4) EPA 9056	60	MG/L	
TOTAL PHOSPHORUS AS P	0.11	MG/L	
DISSOLVED PHOSPHORUS AS P	0.16	MG/L	
Organics			
CIS-1,2-DICHLOROETHENE	0.5	UG/L	
TRICHLOROETHENE	12	UG/L	RBTL

WELL: 03C15, Quarter 1

Dissolved Metals			
BARIUM	23.6	UG/L	RBTL
MANGANESE	35.2	UG/L	
ZINC	286	UG/L	RBTL
CALCIUM	103000	UG/L	
MAGNESIUM	44300	UG/L	
POTASSIUM	1790	UG/L	
SODIUM	25700	UG/L	
Total Metals			
BARIUM	22.8	UG/L	RBTL
MANGANESE	34.9	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	4.2	MG/L	
SULFATE (SO4) EPA 9056	190	MG/L	
Organics			
TOTAL ORGANIC HALOGENS	0.05	MG/L	

WELL: 03C20, Quarter 1

Dissolved Metals			
BARIUM	32.7	UG/L	RBTL
ZINC	57.7	UG/L	
CALCIUM	88400	UG/L	
MAGNESIUM	30200	UG/L	
POTASSIUM	1860	UG/L	
SODIUM	12000	UG/L	
Total Metals			
BARIUM	32.1	UG/L	RBTL
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	6.3	MG/L	
SULFATE (SO4) EPA 9056	120	MG/L	
Organics			
TRANS-1,2-DICHLOROETHENE	7.2	UG/L	
CIS-1,2-DICHLOROETHENE	66	UG/L	RBTL
TRICHLOROETHENE	3300	UG/L	RBTL
Explosives			
HMX	34	UG/L	
RDX	190	UG/L	RBTL
1,3,5-TRINITROBENZENE	12	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	14	UG/L	
2-AMINO-4,6-DINITROTOLUENE	12	UG/L	
2-NITROTOLUENE	3.8	UG/L	RBTL

WELL: 03C12, Quarter 1

Dissolved Metals			
BARIUM	96	UG/L	RBTL
SELENIUM	1.2	UG/L	
CALCIUM	100000	UG/L	
MAGNESIUM	6510	UG/L	
POTASSIUM	1790	UG/L	
SODIUM	10500	UG/L	
Total Metals			
BARIUM	92.1	UG/L	RBTL
SELENIUM	1.1	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	30	MG/L	
TOTAL PHOSPHORUS AS P	0.14	MG/L	
SULFATE (SO4) EPA 9056	68	MG/L	
DISSOLVED PHOSPHORUS AS P	0.11	MG/L	
Organics			
CIS-1,2-DICHLOROETHENE	0.6	UG/L	
TRICHLOROETHENE	21	UG/L	RBTL
Explosives			
HMX	24	UG/L	
RDX	12	UG/L	RBTL
Dissolved Gases			
METHANE	0.095	UG/L	

WELL: 03C30, Quarter 1

Dissolved Metals			
BARIUM	46	UG/L	RBTL
ZINC	49.2	UG/L	
CALCIUM	55100	UG/L	
MAGNESIUM	30800	UG/L	
POTASSIUM	2290	UG/L	
SODIUM	69600	UG/L	
Total Metals			
BARIUM	61.1	UG/L	RBTL
MANGANESE	16.8	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	2	MG/L	
TOTAL PHOSPHORUS AS P	0.16	MG/L	
SULFATE (SO4) EPA 9056	120	MG/L	

WELL: 03C25, Quarter 1

Dissolved Metals			
BARIUM	16.9	UG/L	RBTL
MANGANESE	23.7	UG/L	
CALCIUM	103000	UG/L	
MAGNESIUM	58600	UG/L	
POTASSIUM	2430	UG/L	
SODIUM	62000	UG/L	
Total Metals			
BARIUM	16.6	UG/L	RBTL
MANGANESE	24.7	UG/L	
IRON	146	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	2	MG/L	
SULFATE (SO4) EPA 9056	270	MG/L	
Organics			
TOTAL ORGANIC HALOGENS	0.04	MG/L	
Dissolved Gases			
METHANE	27.9	UG/L	
ETHANE	78	NG/L	

WELL: 03C08P2, Quarter 1

Dissolved Metals			
ANTIMONY	1.2	UG/L	
BARIUM	59.9	UG/L	RBTL
SELENIUM	1.3	UG/L	
ZINC	16.3	UG/L	
CALCIUM	114000	UG/L	
MAGNESIUM	37000	UG/L	
POTASSIUM	13200	UG/L	
SODIUM	14400	UG/L	
Total Metals			
BARIUM	64.7	UG/L	RBTL
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	12	MG/L	
SULFATE (SO4) EPA 9056	140	MG/L	
Organics			
CIS-1,2-DICHLOROETHENE	15	UG/L	
TRICHLOROETHENE	63	UG/L	RBTL
TOTAL ORGANIC HALOGENS	0.03	MG/L	
Explosives			
HMX	32	UG/L	
RDX	90	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	3.9	UG/L	
2-AMINO-4,6-DINITROTOLUENE	2.9	UG/L	

WELL: 03C27, Quarter 1

Dissolved Metals			
ANTIMONY	1.4	UG/L	
BARIUM	34.1	UG/L	RBTL
CALCIUM	55300	UG/L	
MAGNESIUM	3090	UG/L	
SODIUM	5440	UG/L	
Total Metals			
BARIUM	33.3	UG/L	RBTL
ZINC	41.3	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	3.2	MG/L	
SULFATE (SO4) EPA 9056	11	MG/L	
Organics			
TRICHLOROETHENE	4.2	UG/L	RBTL

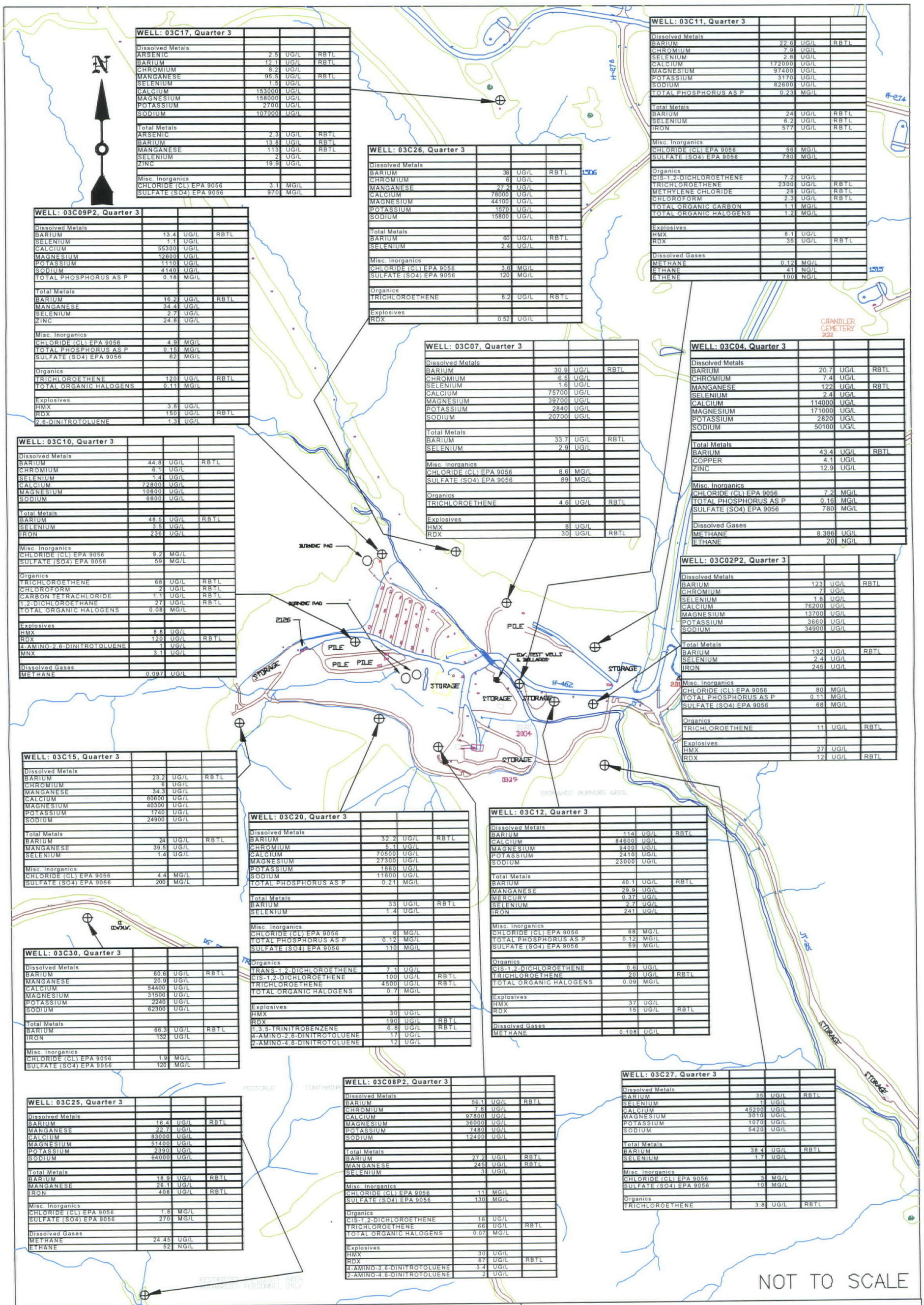
FIGURE 8.1.1
ORGANIC AND INORGANIC DETECTIONS
IN GROUND WATER

AMMUNITION BURNING GROUNDS
1ST QUARTER, 2000
AQUIFER: BEECH CREEK

LEGEND

⊕ MONITORING WELL

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



WELL: 03C17, Quarter 3			
Dissolved Metals			
ARSENIC	2.5	UG/L	RBTL
BARIUM	12.1	UG/L	RBTL
CHROMIUM	8.2	UG/L	
MANGANESE	95.5	UG/L	RBTL
SELENIUM	1.5	UG/L	
CALCIUM	153000	UG/L	
MAGNESIUM	158000	UG/L	
POTASSIUM	2700	UG/L	
SODIUM	107000	UG/L	
Total Metals			
ARSENIC	2.3	UG/L	RBTL
BARIUM	13.8	UG/L	RBTL
MANGANESE	113	UG/L	RBTL
SELENIUM	2	UG/L	
ZINC	19.9	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	3.1	MG/L	
SULFATE (SO4) EPA 9056	970	MG/L	

WELL: 03C11, Quarter 3			
Dissolved Metals			
BARIUM	22.6	UG/L	RBTL
CHROMIUM	7.9	UG/L	
SELENIUM	2.8	UG/L	
CALCIUM	172000	UG/L	
MAGNESIUM	97400	UG/L	
POTASSIUM	3170	UG/L	
SODIUM	82600	UG/L	
TOTAL PHOSPHORUS AS P	0.23	MG/L	
Total Metals			
BARIUM	24	UG/L	RBTL
SELENIUM	6.2	UG/L	RBTL
IRON	577	UG/L	RBTL
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	56	MG/L	
SULFATE (SO4) EPA 9056	780	MG/L	
Organics			
CIS-1,2-DICHLOROETHENE	7.2	UG/L	
TRICHLOROETHENE	2300	UG/L	RBTL
METHYLENE CHLORIDE	28	UG/L	RBTL
CHLOROFORM	2.3	UG/L	RBTL
TOTAL ORGANIC CARBON	1.1	MG/L	
TOTAL ORGANIC HALOGENS	1.2	MG/L	
Explosives			
HMX	8.1	UG/L	
RDX	35	UG/L	RBTL
Dissolved Gases			
METHANE	0.12	MG/L	
ETHANE	41	NG/L	
ETHENE	100	NG/L	

WELL: 03C26, Quarter 3			
Dissolved Metals			
BARIUM	38	UG/L	RBTL
CHROMIUM	6	UG/L	
MANGANESE	27.2	UG/L	
CALCIUM	78000	UG/L	
MAGNESIUM	44100	UG/L	
POTASSIUM	1570	UG/L	
SODIUM	15800	UG/L	
Total Metals			
BARIUM	60	UG/L	RBTL
SELENIUM	2.4	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	3.6	MG/L	
SULFATE (SO4) EPA 9056	120	MG/L	
Organics			
TRICHLOROETHENE	8.2	UG/L	RBTL
Explosives			
RDX	0.52	UG/L	

WELL: 03C09P2, Quarter 3			
Dissolved Metals			
BARIUM	13.4	UG/L	RBTL
SELENIUM	1.1	UG/L	
CALCIUM	55300	UG/L	
MAGNESIUM	12600	UG/L	
POTASSIUM	1110	UG/L	
SODIUM	4140	UG/L	
TOTAL PHOSPHORUS AS P	0.18	MG/L	
Total Metals			
BARIUM	16.2	UG/L	RBTL
MANGANESE	34.4	UG/L	
SELENIUM	2.7	UG/L	
ZINC	24.8	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	4.9	MG/L	
TOTAL PHOSPHORUS AS P	0.15	MG/L	
SULFATE (SO4) EPA 9056	62	MG/L	
Organics			
TRICHLOROETHENE	120	UG/L	RBTL
TOTAL ORGANIC HALOGENS	0.11	MG/L	
Explosives			
HMX	3.8	UG/L	
RDX	150	UG/L	RBTL
2,6-DINITROTOLUENE	1.3	UG/L	

WELL: 03C07, Quarter 3			
Dissolved Metals			
BARIUM	30.9	UG/L	RBTL
CHROMIUM	6.5	UG/L	
SELENIUM	1.6	UG/L	
CALCIUM	75700	UG/L	
MAGNESIUM	39700	UG/L	
POTASSIUM	2840	UG/L	
SODIUM	20700	UG/L	
Total Metals			
BARIUM	33.7	UG/L	RBTL
SELENIUM	2.9	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	8.6	MG/L	
SULFATE (SO4) EPA 9056	89	MG/L	
Organics			
TRICHLOROETHENE	4.6	UG/L	RBTL
Explosives			
HMX	8	UG/L	
RDX	30	UG/L	RBTL

WELL: 03C04, Quarter 3			
Dissolved Metals			
BARIUM	20.7	UG/L	RBTL
CHROMIUM	7.4	UG/L	
MANGANESE	122	UG/L	RBTL
SELENIUM	2.4	UG/L	
CALCIUM	114000	UG/L	
MAGNESIUM	171000	UG/L	
POTASSIUM	2820	UG/L	
SODIUM	50100	UG/L	
Total Metals			
BARIUM	43.4	UG/L	RBTL
COPPER	4.1	UG/L	
ZINC	12.9	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	7.2	MG/L	
TOTAL PHOSPHORUS AS P	0.16	MG/L	
SULFATE (SO4) EPA 9056	780	MG/L	
Dissolved Gases			
METHANE	8,386	UG/L	
ETHANE	20	NG/L	

WELL: 03C10, Quarter 3			
Dissolved Metals			
BARIUM	44.8	UG/L	RBTL
CHROMIUM	6.1	UG/L	
SELENIUM	1.4	UG/L	
CALCIUM	72800	UG/L	
MAGNESIUM	10600	UG/L	
SODIUM	6600	UG/L	
Total Metals			
BARIUM	48.5	UG/L	RBTL
SELENIUM	3.5	UG/L	
IRON	236	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	9.2	MG/L	
SULFATE (SO4) EPA 9056	59	MG/L	
Organics			
TRICHLOROETHENE	68	UG/L	RBTL
CHLOROFORM	2	UG/L	RBTL
CARBON TETRACHLORIDE	1.1	UG/L	RBTL
1,2-DICHLOROETHANE	27	UG/L	RBTL
TOTAL ORGANIC HALOGENS	0.08	MG/L	
Explosives			
HMX	8.8	UG/L	
RDX	120	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	1	UG/L	
MNX	3.1	UG/L	
Dissolved Gases			
METHANE	0.097	UG/L	

WELL: 03C02P2, Quarter 3			
Dissolved Metals			
BARIUM	123	UG/L	RBTL
CHROMIUM	7	UG/L	
SELENIUM	1.6	UG/L	
CALCIUM	76200	UG/L	
MAGNESIUM	13700	UG/L	
POTASSIUM	3660	UG/L	
SODIUM	34900	UG/L	
Total Metals			
BARIUM	132	UG/L	RBTL
SELENIUM	2.4	UG/L	
IRON	245	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	80	MG/L	
TOTAL PHOSPHORUS AS P	0.11	MG/L	
SULFATE (SO4) EPA 9056	68	MG/L	
Organics			
TRICHLOROETHENE	11	UG/L	RBTL
Explosives			
HMX	27	UG/L	
RDX	12	UG/L	RBTL

WELL: 03C15, Quarter 3			
Dissolved Metals			
BARIUM	23.2	UG/L	RBTL
CHROMIUM	6	UG/L	
MANGANESE	34.3	UG/L	
CALCIUM	80600	UG/L	
MAGNESIUM	40300	UG/L	
POTASSIUM	1740	UG/L	
SODIUM	24900	UG/L	
Total Metals			
BARIUM	24	UG/L	RBTL
MANGANESE	39.5	UG/L	
SELENIUM	1.4	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	4.4	MG/L	
SULFATE (SO4) EPA 9056	200	MG/L	

WELL: 03C20, Quarter 3			
Dissolved Metals			
BARIUM	32.2	UG/L	RBTL
CHROMIUM	5.1	UG/L	
CALCIUM	70500	UG/L	
MAGNESIUM	27300	UG/L	
POTASSIUM	1860	UG/L	
SODIUM	11600	UG/L	
TOTAL PHOSPHORUS AS P	0.21	MG/L	
Total Metals			
BARIUM	33	UG/L	RBTL
SELENIUM	1.4	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	6	MG/L	
TOTAL PHOSPHORUS AS P	0.12	MG/L	
SULFATE (SO4) EPA 9056	110	MG/L	
Organics			
TRANS-1,2-DICHLOROETHENE	7.1	UG/L	
CIS-1,2-DICHLOROETHENE	100	UG/L	RBTL
TRICHLOROETHENE	4500	UG/L	RBTL
TOTAL ORGANIC HALOGENS	0.7	MG/L	
Explosives			
HMX	30	UG/L	
RDX	190	UG/L	RBTL
1,3,5-TRINITROBENZENE	6.8	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	17	UG/L	
2-AMINO-4,6-DINITROTOLUENE	12	UG/L	

WELL: 03C12, Quarter 3			
Dissolved Metals			
BARIUM	114	UG/L	RBTL
CALCIUM	84600	UG/L	
MAGNESIUM	9400	UG/L	
POTASSIUM	2410	UG/L	
SODIUM	23000	UG/L	
Total Metals			
BARIUM	40.1	UG/L	RBTL
MANGANESE	29.9	UG/L	
MERCURY	0.37	UG/L	
SELENIUM	2.7	UG/L	
IRON	241	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	68	MG/L	
TOTAL PHOSPHORUS AS P	0.12	MG/L	
SULFATE (SO4) EPA 9056	59	MG/L	
Organics			
CIS-1,2-DICHLOROETHENE	0.6	UG/L	
TRICHLOROETHENE	20	UG/L	RBTL
TOTAL ORGANIC HALOGENS	0.09	MG/L	
Explosives			
HMX	37	UG/L	
RDX	15	UG/L	RBTL
Dissolved Gases			
METHANE	0.108	UG/L	

WELL: 03C30, Quarter 3			
Dissolved Metals			
BARIUM	60.6	UG/L	RBTL
MANGANESE	20.9	UG/L	
CALCIUM	54400	UG/L	
MAGNESIUM	31500	UG/L	
POTASSIUM	2240	UG/L	
SODIUM	62300	UG/L	
Total Metals			
BARIUM	66.3	UG/L	RBTL
IRON	132	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	1.9	MG/L	
SULFATE (SO4) EPA 9056	120	MG/L	

WELL: 03C25, Quarter 3			
Dissolved Metals			
BARIUM	16.4	UG/L	RBTL
MANGANESE	22.7	UG/L	
CALCIUM	83000	UG/L	
MAGNESIUM	51400	UG/L	
POTASSIUM	2390	UG/L	
SODIUM	64000	UG/L	
Total Metals			
BARIUM	18.9	UG/L	RBTL
MANGANESE	26.1	UG/L	
IRON	408	UG/L	RBTL
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	1.8	MG/L	
SULFATE (SO4) EPA 9056	270	MG/L	
Dissolved Gases			
METHANE	24.45	UG/L	
ETHANE	52	NG/L	

WELL: 03C08P2, Quarter 3			
Dissolved Metals			
BARIUM	56.1	UG/L	RBTL
CHROMIUM	7.8	UG/L	
CALCIUM	97800	UG/L	
MAGNESIUM	36000	UG/L	
POTASSIUM	7480	UG/L	
SODIUM	12400	UG/L	
Total Metals			
BARIUM	27.2	UG/L	RBTL
MANGANESE	245	UG/L	RBTL
SELENIUM	3	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	11	MG/L	
SULFATE (SO4) EPA 9056	130	MG/L	
Organics			
CIS-1,2-DICHLOROETHENE	16	UG/L	
TRICHLOROETHENE	66	UG/L	RBTL
TOTAL ORGANIC HALOGENS	0.07	MG/L	
Explosives			
HMX	30	UG/L	
RDX	87	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	3.4	UG/L	
2-AMINO-4,6-DINITROTOLUENE	2	UG/L	

WELL: 03C27, Quarter 3			
Dissolved Metals			
BARIUM	35	UG/L	RBTL
SELENIUM	1	UG/L	
CALCIUM	45200	UG/L	
MAGNESIUM	3010	UG/L	
POTASSIUM	1070	UG/L	
SODIUM	5420	UG/L	
Total Metals			
BARIUM	38.4	UG/L	RBTL
SELENIUM	1.7	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	3	MG/L	
SULFATE (SO4) EPA 9056	10	MG/L	
Organics			
TRICHLOROETHENE	3.8	UG/L	RBTL

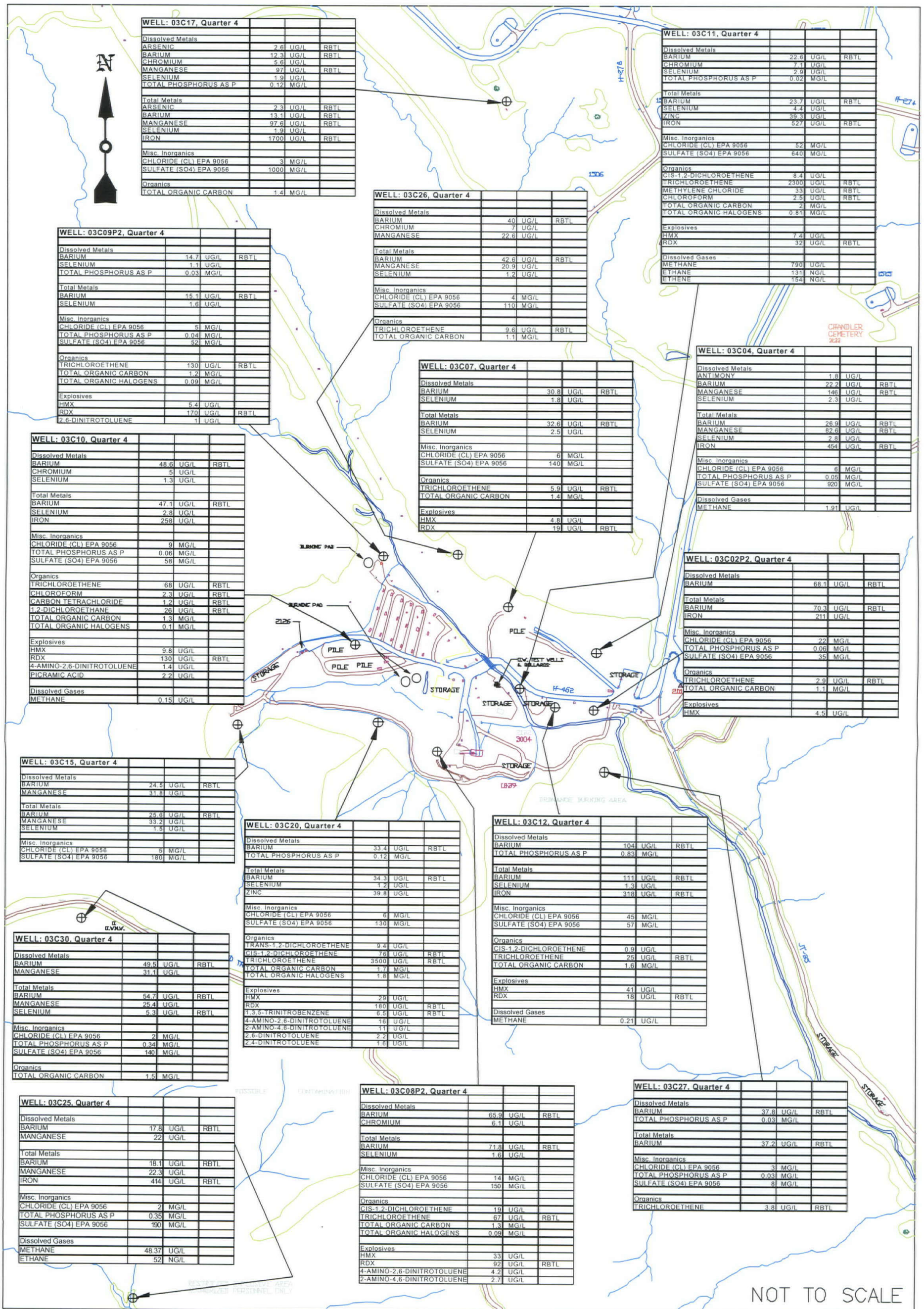
FIGURE 8.1.3
ORGANIC AND INORGANIC DETECTIONS
IN GROUND WATER

AMMUNITION BURNING GROUNDS
3RD QUARTER, 2000
AQUIFER: BEECH CREEK

LEGEND

⊕ MONITORING WELL

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



WELL: 03C17, Quarter 4			
Dissolved Metals			
ARSENIC	2.6	UG/L	RBTL
BARIUM	12.3	UG/L	RBTL
CHROMIUM	5.6	UG/L	
MANGANESE	97	UG/L	RBTL
SELENIUM	1.9	UG/L	
TOTAL PHOSPHORUS AS P	0.12	MG/L	
Total Metals			
ARSENIC	2.3	UG/L	RBTL
BARIUM	13.1	UG/L	RBTL
MANGANESE	97.6	UG/L	RBTL
SELENIUM	1.9	UG/L	
IRON	1700	UG/L	RBTL
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	3	MG/L	
SULFATE (SO4) EPA 9056	1000	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.4	MG/L	

WELL: 03C11, Quarter 4			
Dissolved Metals			
BARIUM	22.6	UG/L	RBTL
CHROMIUM	7.1	UG/L	
SELENIUM	2.9	UG/L	
TOTAL PHOSPHORUS AS P	0.02	MG/L	
Total Metals			
BARIUM	23.7	UG/L	RBTL
SELENIUM	4.4	UG/L	
ZINC	39.3	UG/L	
IRON	527	UG/L	RBTL
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	52	MG/L	
SULFATE (SO4) EPA 9056	640	MG/L	
Organics			
CIS-1,2-DICHLOROETHENE	8.4	UG/L	
TRICHLOROETHENE	2300	UG/L	RBTL
METHYLENE CHLORIDE	33	UG/L	RBTL
CHLOROFORM	2.5	UG/L	RBTL
TOTAL ORGANIC CARBON	2	MG/L	
TOTAL ORGANIC HALOGENS	0.81	MG/L	
Explosives			
HMX	7.4	UG/L	
RDX	32	UG/L	RBTL
Dissolved Gases			
METHANE	790	UG/L	
ETHANE	131	NG/L	
ETHENE	154	NG/L	

WELL: 03C26, Quarter 4			
Dissolved Metals			
BARIUM	40	UG/L	RBTL
CHROMIUM	7	UG/L	
MANGANESE	22.6	UG/L	
Total Metals			
BARIUM	42.6	UG/L	RBTL
MANGANESE	20.9	UG/L	
SELENIUM	1.2	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	4	MG/L	
SULFATE (SO4) EPA 9056	110	MG/L	
Organics			
TRICHLOROETHENE	9.6	UG/L	RBTL
TOTAL ORGANIC CARBON	1.1	MG/L	

WELL: 03C09P2, Quarter 4			
Dissolved Metals			
BARIUM	14.7	UG/L	RBTL
SELENIUM	1.1	UG/L	
TOTAL PHOSPHORUS AS P	0.03	MG/L	
Total Metals			
BARIUM	15.1	UG/L	RBTL
SELENIUM	1.6	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	5	MG/L	
TOTAL PHOSPHORUS AS P	0.04	MG/L	
SULFATE (SO4) EPA 9056	52	MG/L	
Organics			
TRICHLOROETHENE	130	UG/L	RBTL
TOTAL ORGANIC CARBON	1.2	MG/L	
TOTAL ORGANIC HALOGENS	0.09	MG/L	
Explosives			
HMX	5.4	UG/L	
RDX	170	UG/L	RBTL
2,6-DINITROTOLUENE	1	UG/L	

WELL: 03C07, Quarter 4			
Dissolved Metals			
BARIUM	30.8	UG/L	RBTL
SELENIUM	1.8	UG/L	
Total Metals			
BARIUM	32.6	UG/L	RBTL
SELENIUM	2.5	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	6	MG/L	
SULFATE (SO4) EPA 9056	140	MG/L	
Organics			
TRICHLOROETHENE	5.9	UG/L	RBTL
TOTAL ORGANIC CARBON	1.4	MG/L	
Explosives			
HMX	4.8	UG/L	
RDX	19	UG/L	RBTL

WELL: 03C04, Quarter 4			
Dissolved Metals			
ANTIMONY	1.8	UG/L	
BARIUM	22.2	UG/L	RBTL
MANGANESE	146	UG/L	RBTL
SELENIUM	2.3	UG/L	
Total Metals			
BARIUM	26.9	UG/L	RBTL
MANGANESE	82.6	UG/L	RBTL
SELENIUM	2.8	UG/L	
IRON	454	UG/L	RBTL
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	6	MG/L	
TOTAL PHOSPHORUS AS P	0.05	MG/L	
SULFATE (SO4) EPA 9056	920	MG/L	
Dissolved Gases			
METHANE	1.91	UG/L	

WELL: 03C10, Quarter 4			
Dissolved Metals			
BARIUM	48.6	UG/L	RBTL
CHROMIUM	5	UG/L	
SELENIUM	1.3	UG/L	
Total Metals			
BARIUM	47.1	UG/L	RBTL
SELENIUM	2.8	UG/L	
IRON	258	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	9	MG/L	
TOTAL PHOSPHORUS AS P	0.06	MG/L	
SULFATE (SO4) EPA 9056	58	MG/L	
Organics			
TRICHLOROETHENE	68	UG/L	RBTL
CHLOROFORM	2.3	UG/L	RBTL
CARBON TETRACHLORIDE	1.2	UG/L	RBTL
1,2-DICHLOROETHANE	26	UG/L	RBTL
TOTAL ORGANIC CARBON	1.3	MG/L	
TOTAL ORGANIC HALOGENS	0.1	MG/L	
Explosives			
HMX	9.8	UG/L	
RDX	130	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	1.4	UG/L	
PICRAMIC ACID	2.2	UG/L	
Dissolved Gases			
METHANE	0.15	UG/L	

WELL: 03C02P2, Quarter 4			
Dissolved Metals			
BARIUM	68.1	UG/L	RBTL
Total Metals			
BARIUM	70.3	UG/L	RBTL
IRON	211	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	22	MG/L	
TOTAL PHOSPHORUS AS P	0.06	MG/L	
SULFATE (SO4) EPA 9056	35	MG/L	
Organics			
TRICHLOROETHENE	2.9	UG/L	RBTL
TOTAL ORGANIC CARBON	1.1	MG/L	
Explosives			
HMX	4.5	UG/L	

WELL: 03C15, Quarter 4			
Dissolved Metals			
BARIUM	24.5	UG/L	RBTL
MANGANESE	31.8	UG/L	
Total Metals			
BARIUM	25.6	UG/L	RBTL
MANGANESE	33.2	UG/L	
SELENIUM	1.5	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	5	MG/L	
SULFATE (SO4) EPA 9056	180	MG/L	

WELL: 03C20, Quarter 4			
Dissolved Metals			
BARIUM	33.4	UG/L	RBTL
TOTAL PHOSPHORUS AS P	0.12	MG/L	
Total Metals			
BARIUM	34.3	UG/L	RBTL
SELENIUM	1.2	UG/L	
ZINC	39.8	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	6	MG/L	
SULFATE (SO4) EPA 9056	130	MG/L	
Organics			
TRANS-1,2-DICHLOROETHENE	9.4	UG/L	
CIS-1,2-DICHLOROETHENE	76	UG/L	RBTL
TRICHLOROETHENE	3500	UG/L	RBTL
TOTAL ORGANIC CARBON	1.7	MG/L	
TOTAL ORGANIC HALOGENS	1.8	MG/L	
Explosives			
HMX	29	UG/L	
RDX	180	UG/L	RBTL
1,3,5-TRINITROBENZENE	6.5	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	16	UG/L	
2-AMINO-4,6-DINITROTOLUENE	11	UG/L	
2,6-DINITROTOLUENE	2.2	UG/L	
2,4-DINITROTOLUENE	1.6	UG/L	

WELL: 03C12, Quarter 4			
Dissolved Metals			
BARIUM	104	UG/L	RBTL
TOTAL PHOSPHORUS AS P	0.83	MG/L	
Total Metals			
BARIUM	111	UG/L	RBTL
SELENIUM	1.3	UG/L	
IRON	318	UG/L	RBTL
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	45	MG/L	
SULFATE (SO4) EPA 9056	57	MG/L	
Organics			
CIS-1,2-DICHLOROETHENE	0.9	UG/L	
TRICHLOROETHENE	25	UG/L	RBTL
TOTAL ORGANIC CARBON	1.6	MG/L	
Explosives			
HMX	41	UG/L	
RDX	18	UG/L	RBTL
Dissolved Gases			
METHANE	0.21	UG/L	

WELL: 03C30, Quarter 4			
Dissolved Metals			
BARIUM	49.5	UG/L	RBTL
MANGANESE	31.1	UG/L	
Total Metals			
BARIUM	54.7	UG/L	RBTL
MANGANESE	25.4	UG/L	
SELENIUM	5.3	UG/L	RBTL
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	2	MG/L	
TOTAL PHOSPHORUS AS P	0.34	MG/L	
SULFATE (SO4) EPA 9056	140	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.5	MG/L	

WELL: 03C25, Quarter 4			
Dissolved Metals			
BARIUM	17.8	UG/L	RBTL
MANGANESE	22	UG/L	
Total Metals			
BARIUM	18.1	UG/L	RBTL
MANGANESE	22.3	UG/L	
IRON	414	UG/L	RBTL
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	2	MG/L	
TOTAL PHOSPHORUS AS P	0.35	MG/L	
SULFATE (SO4) EPA 9056	190	MG/L	
Dissolved Gases			
METHANE	48.37	UG/L	
ETHANE	52	NG/L	

WELL: 03C08P2, Quarter 4			
Dissolved Metals			
BARIUM	65.9	UG/L	RBTL
CHROMIUM	6.1	UG/L	
Total Metals			
BARIUM	71.8	UG/L	RBTL
SELENIUM	1.6	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	14	MG/L	
SULFATE (SO4) EPA 9056	150	MG/L	
Organics			
CIS-1,2-DICHLOROETHENE	19	UG/L	
TRICHLOROETHENE	67	UG/L	RBTL
TOTAL ORGANIC CARBON	1.3	MG/L	
TOTAL ORGANIC HALOGENS	0.09	MG/L	
Explosives			
HMX	33	UG/L	
RDX	92	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	4.2	UG/L	
2-AMINO-4,6-DINITROTOLUENE	2.7	UG/L	

WELL: 03C27, Quarter 4			
Dissolved Metals			
BARIUM	37.8	UG/L	RBTL
TOTAL PHOSPHORUS AS P	0.03	MG/L	
Total Metals			
BARIUM	37.2	UG/L	RBTL
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	3	MG/L	
TOTAL PHOSPHORUS AS P	0.03	MG/L	
SULFATE (SO4) EPA 9056	8	MG/L	
Organics			
TRICHLOROETHENE	3.8	UG/L	RBTL

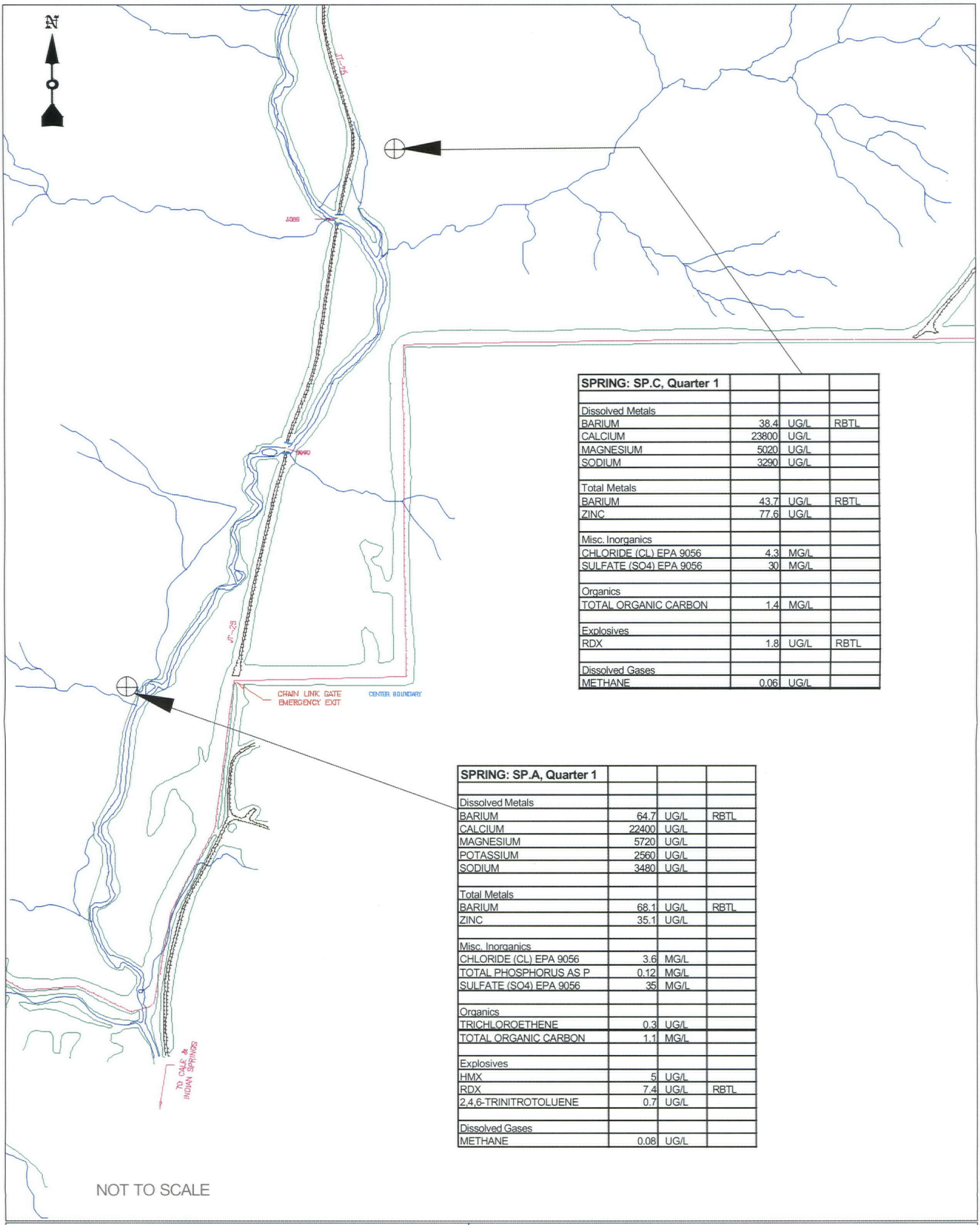
FIGURE 8.1.4
ORGANIC AND INORGANIC DETECTIONS
IN GROUND WATER

AMMUNITION BURNING GROUNDS
4TH QUARTER, 2000
AQUIFER: BEECH CREEK

LEGEND

⊕ MONITORING WELL

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



SPRING: SP.C, Quarter 1			
Dissolved Metals			
BARIUM	38.4	UG/L	RBTL
CALCIUM	23800	UG/L	
MAGNESIUM	5020	UG/L	
SODIUM	3290	UG/L	
Total Metals			
BARIUM	43.7	UG/L	RBTL
ZINC	77.6	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	4.3	MG/L	
SULFATE (SO4) EPA 9056	30	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.4	MG/L	
Explosives			
RDX	1.8	UG/L	RBTL
Dissolved Gases			
METHANE	0.06	UG/L	

SPRING: SP.A, Quarter 1			
Dissolved Metals			
BARIUM	64.7	UG/L	RBTL
CALCIUM	22400	UG/L	
MAGNESIUM	5720	UG/L	
POTASSIUM	2560	UG/L	
SODIUM	3480	UG/L	
Total Metals			
BARIUM	68.1	UG/L	RBTL
ZINC	35.1	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	3.6	MG/L	
TOTAL PHOSPHORUS AS P	0.12	MG/L	
SULFATE (SO4) EPA 9056	35	MG/L	
Organics			
TRICHLOROETHENE	0.3	UG/L	
TOTAL ORGANIC CARBON	1.1	MG/L	
Explosives			
HMX	5	UG/L	
RDX	7.4	UG/L	RBTL
2,4,6-TRINITROTOLUENE	0.7	UG/L	
Dissolved Gases			
METHANE	0.08	UG/L	

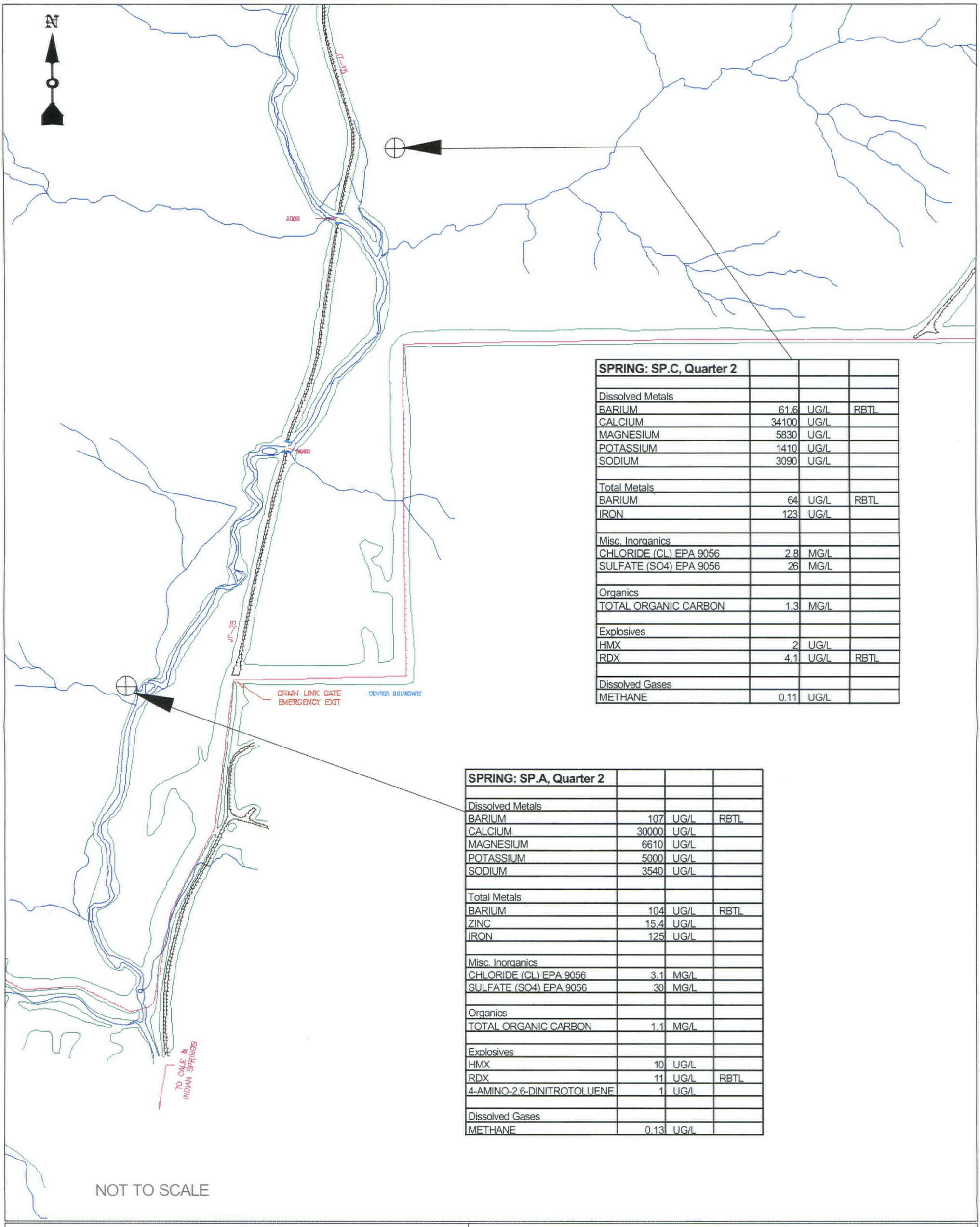
FIGURE 8.1.5
ORGANIC AND INORGANIC DETECTIONS

SPRINGS
1ST QUARTER, 2000

LEGEND

⊕ SPRING LOCATION

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



SPRING: SP.C, Quarter 2			
Dissolved Metals			
BARIUM	61.6	UG/L	RBTL
CALCIUM	34100	UG/L	
MAGNESIUM	5830	UG/L	
POTASSIUM	1410	UG/L	
SODIUM	3090	UG/L	
Total Metals			
BARIUM	64	UG/L	RBTL
IRON	123	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	2.8	MG/L	
SULFATE (SO4) EPA 9056	26	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.3	MG/L	
Explosives			
HMX	2	UG/L	
RDX	4.1	UG/L	RBTL
Dissolved Gases			
METHANE	0.11	UG/L	

SPRING: SP.A, Quarter 2			
Dissolved Metals			
BARIUM	107	UG/L	RBTL
CALCIUM	30000	UG/L	
MAGNESIUM	6610	UG/L	
POTASSIUM	5000	UG/L	
SODIUM	3540	UG/L	
Total Metals			
BARIUM	104	UG/L	RBTL
ZINC	15.4	UG/L	
IRON	125	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	3.1	MG/L	
SULFATE (SO4) EPA 9056	30	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.1	MG/L	
Explosives			
HMX	10	UG/L	
RDX	11	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	1	UG/L	
Dissolved Gases			
METHANE	0.13	UG/L	

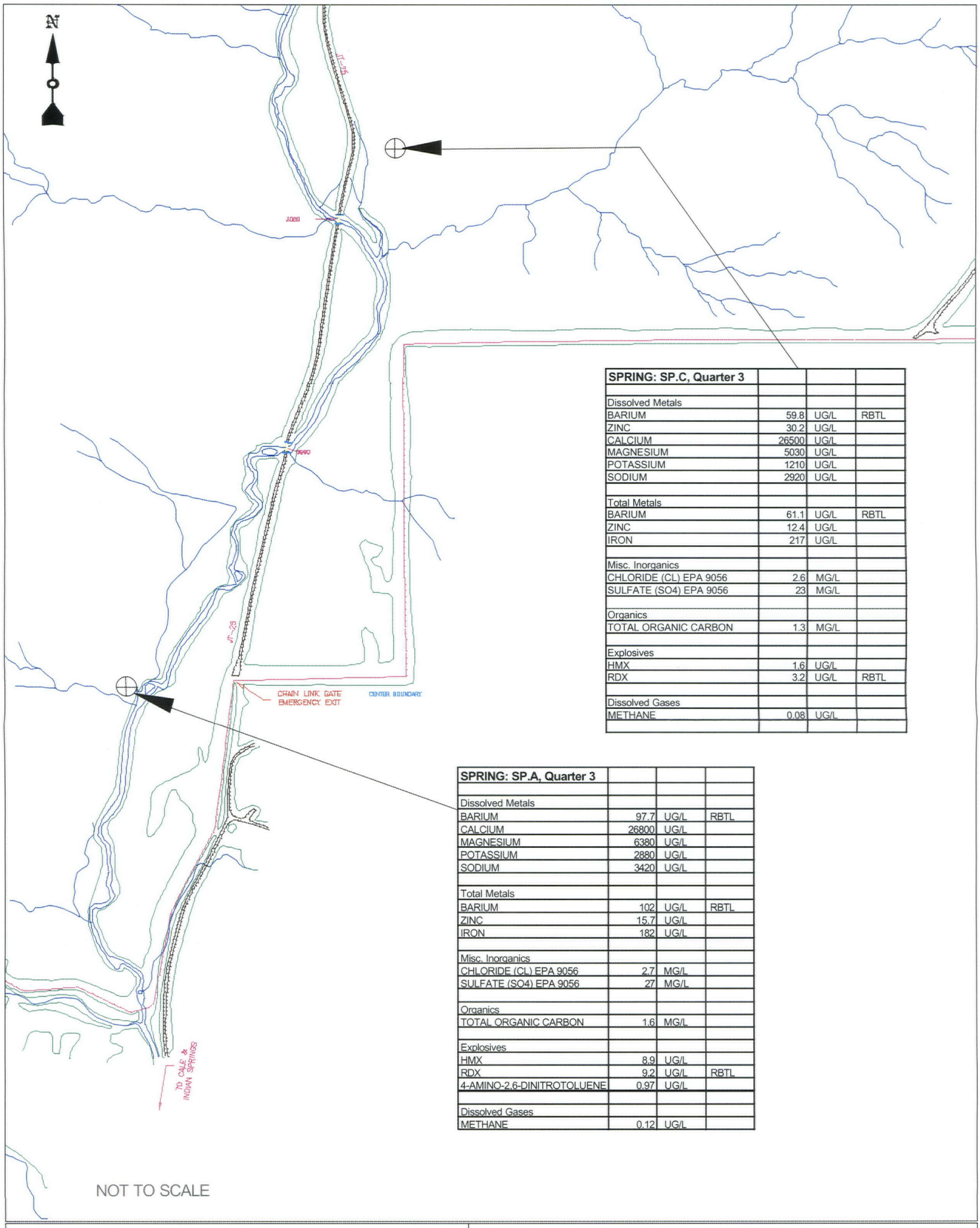
FIGURE 8.1.6
ORGANIC AND INORGANIC DETECTIONS

SPRINGS
2ND QUARTER, 2000

LEGEND

⊕ SPRING LOCATION

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



SPRING: SP.C, Quarter 3			
Dissolved Metals			
BARIUM	59.8	UG/L	RBTL
ZINC	30.2	UG/L	
CALCIUM	26500	UG/L	
MAGNESIUM	5030	UG/L	
POTASSIUM	1210	UG/L	
SODIUM	2920	UG/L	
Total Metals			
BARIUM	61.1	UG/L	RBTL
ZINC	12.4	UG/L	
IRON	217	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	2.6	MG/L	
SULFATE (SO4) EPA 9056	23	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.3	MG/L	
Explosives			
HMX	1.6	UG/L	
RDX	3.2	UG/L	RBTL
Dissolved Gases			
METHANE	0.08	UG/L	

SPRING: SP.A, Quarter 3			
Dissolved Metals			
BARIUM	97.7	UG/L	RBTL
CALCIUM	26800	UG/L	
MAGNESIUM	6380	UG/L	
POTASSIUM	2880	UG/L	
SODIUM	3420	UG/L	
Total Metals			
BARIUM	102	UG/L	RBTL
ZINC	15.7	UG/L	
IRON	182	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	2.7	MG/L	
SULFATE (SO4) EPA 9056	27	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.6	MG/L	
Explosives			
HMX	8.9	UG/L	
RDX	9.2	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	0.97	UG/L	
Dissolved Gases			
METHANE	0.12	UG/L	

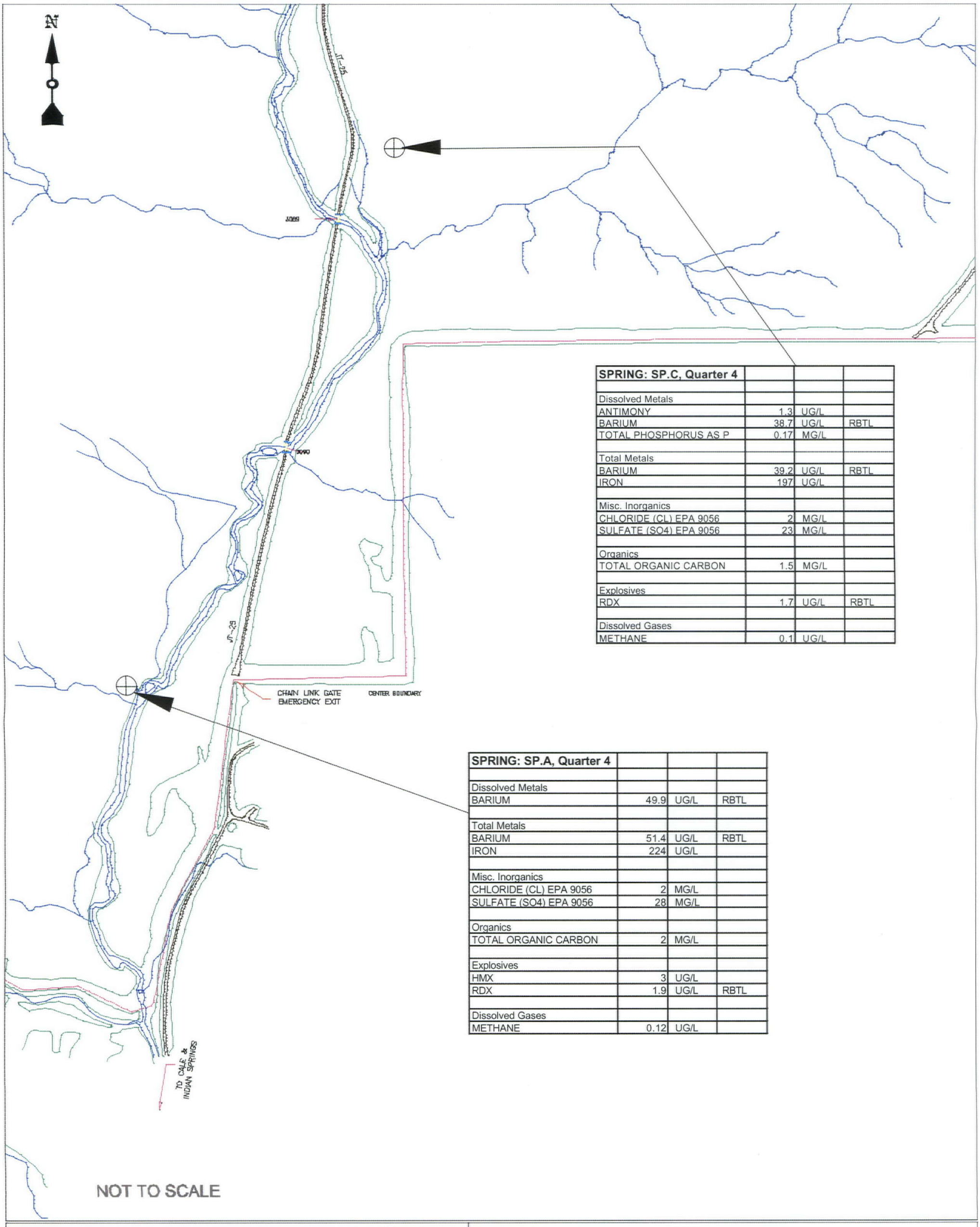
FIGURE 8.1.7
ORGANIC AND INORGANIC DETECTIONS

SPRINGS
3RD QUARTER, 2000

LEGEND

⊕ SPRING LOCATION

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



SPRING: SP.C, Quarter 4			
Dissolved Metals			
ANTIMONY	1.3	UG/L	
BARIUM	38.7	UG/L	RBTL
TOTAL PHOSPHORUS AS P	0.17	MG/L	
Total Metals			
BARIUM	39.2	UG/L	RBTL
IRON	197	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	2	MG/L	
SULFATE (SO4) EPA 9056	23	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.5	MG/L	
Explosives			
RDX	1.7	UG/L	RBTL
Dissolved Gases			
METHANE	0.1	UG/L	

SPRING: SP.A, Quarter 4			
Dissolved Metals			
BARIUM	49.9	UG/L	RBTL
Total Metals			
BARIUM	51.4	UG/L	RBTL
IRON	224	UG/L	
Misc. Inorganics			
CHLORIDE (CL) EPA 9056	2	MG/L	
SULFATE (SO4) EPA 9056	28	MG/L	
Organics			
TOTAL ORGANIC CARBON	2	MG/L	
Explosives			
HMX	3	UG/L	
RDX	1.9	UG/L	RBTL
Dissolved Gases			
METHANE	0.12	UG/L	

FIGURE 8.1.8
ORGANIC AND INORGANIC DETECTIONS

SPRINGS
4TH QUARTER, 2000

LEGEND

⊕ SPRING LOCATION

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).

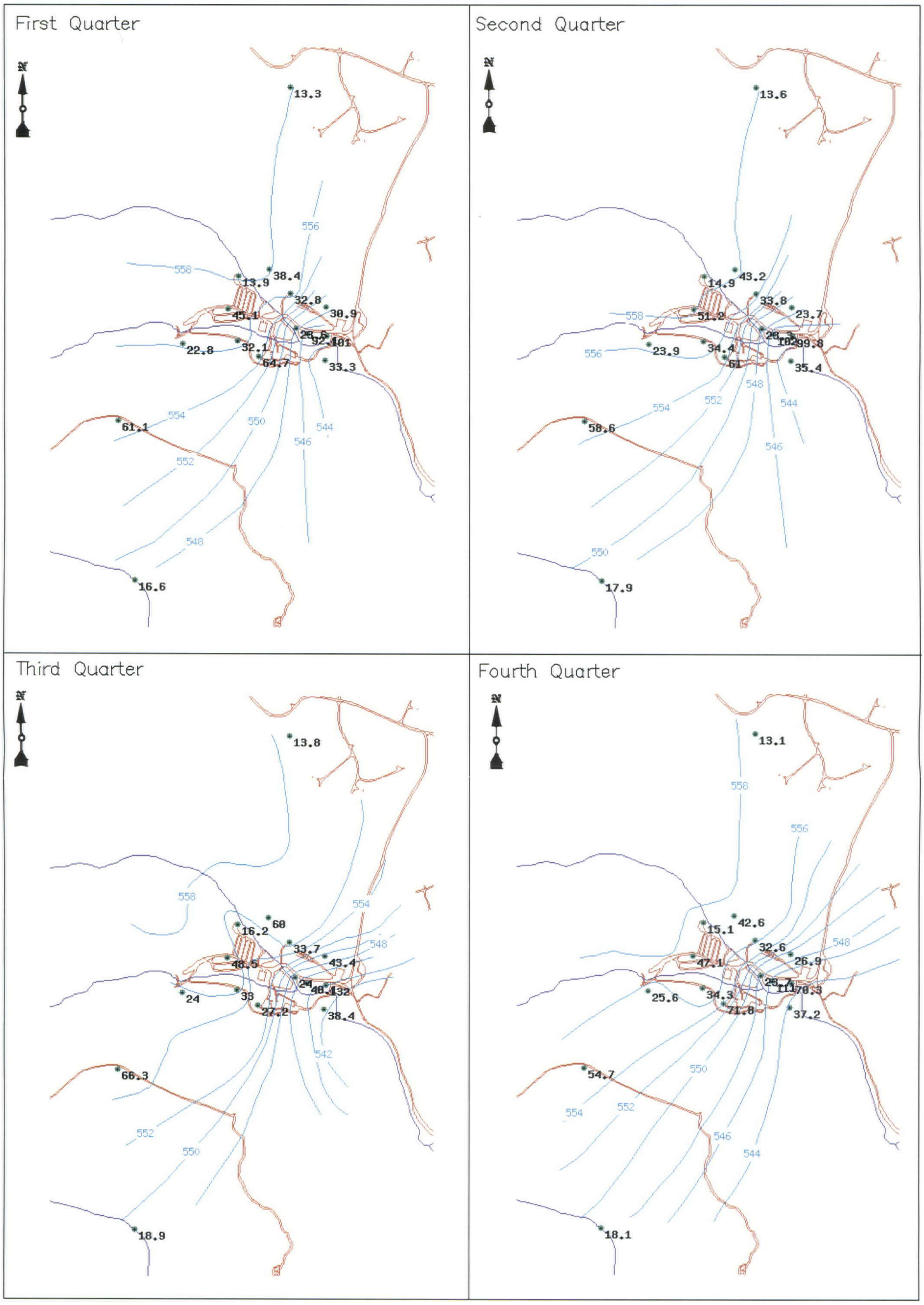


Figure 8.1.9. Quarterly Total Barium Concentrations in ABG Monitoring Wells.

Ammunition Burning Ground
Aquifer: Beech Creek
Year: 2000

Units: Micrograms per Liter
RBTL=3.9

Legend

- Detected Concentration
- Head Contours
- Monitoring Wells
- Streams
- Roads

0 0.08 0.16 0.24 0.32 mi

WHPA

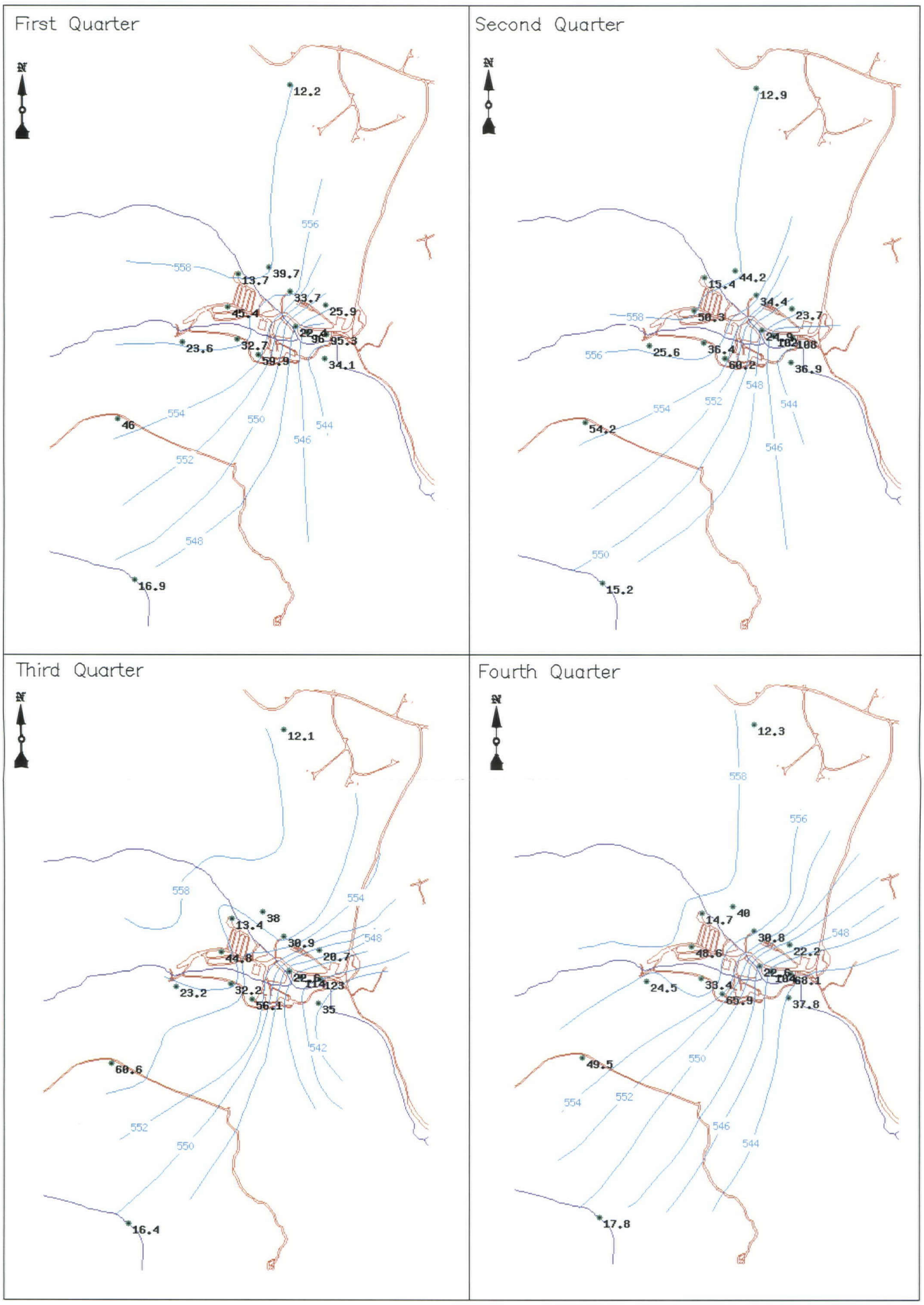


Figure 8.1.10. Quarterly Dissolved Barium Concentrations in ABG Monitoring Wells.

Ammunition Burning Ground
Aquifer: Beech Creek
Year: 2000

Concentration Units: Micrograms per Liter
Risk-Based Target Level=3.9

Legend

- Detected Concentration
- Head Contours
- Monitoring Wells
- Streams
- Roads

0 0.08 0.16 0.24 0.32 mi

WHPA

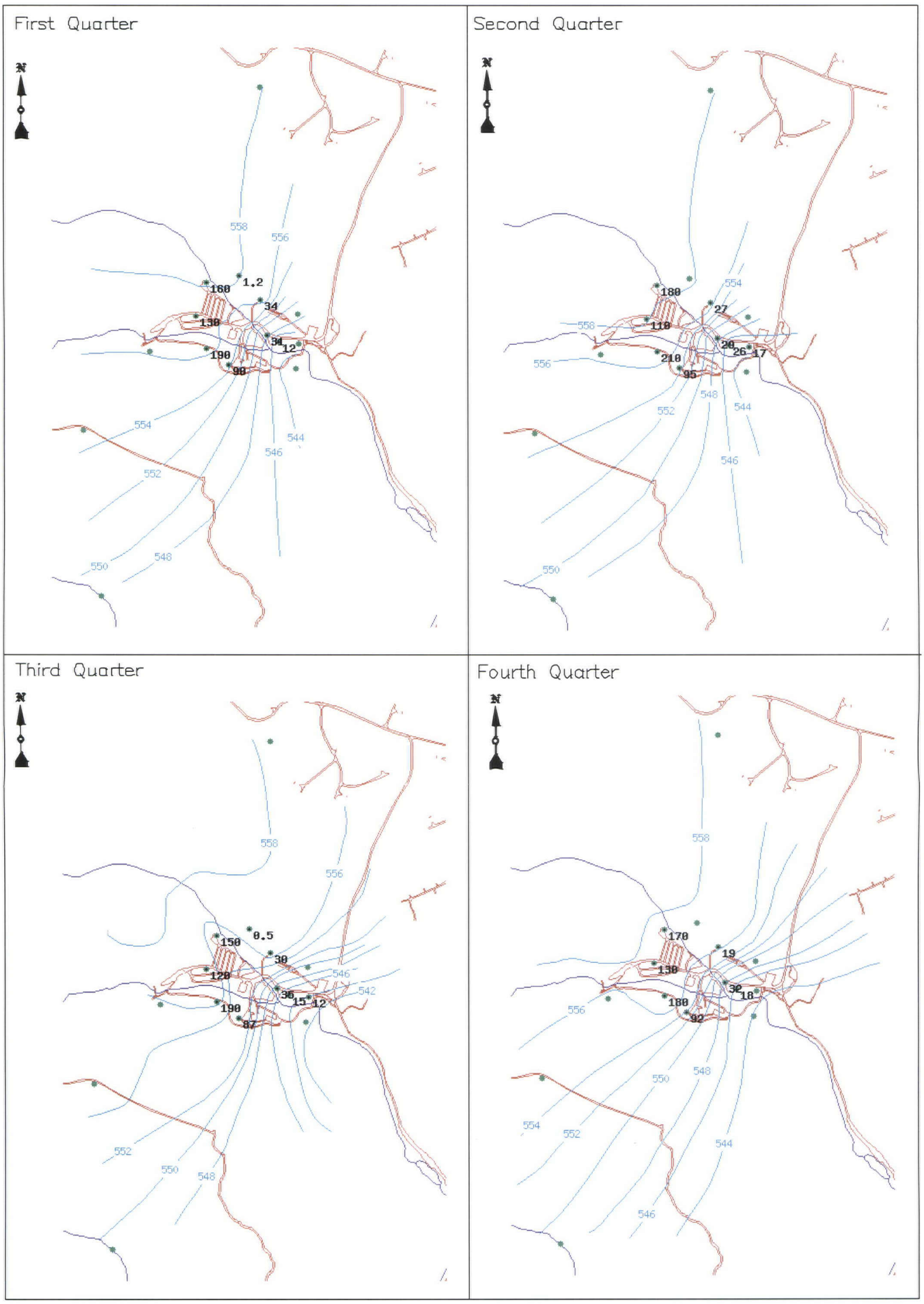


Figure 8.1.11. Quarterly RDX Concentrations in ABG Monitoring Wells.

Ammunition Burning Ground
Aquifer: Beech Creek
Year: 2000

Concentration Units: Micrograms per Liter
Risk-Based Target Level=0.61

Legend

- Detected Concentration
- Head Contours
- Monitoring Wells
- Streams
- Roads

0 0.08 0.16 0.24 0.32 mi

WHPA

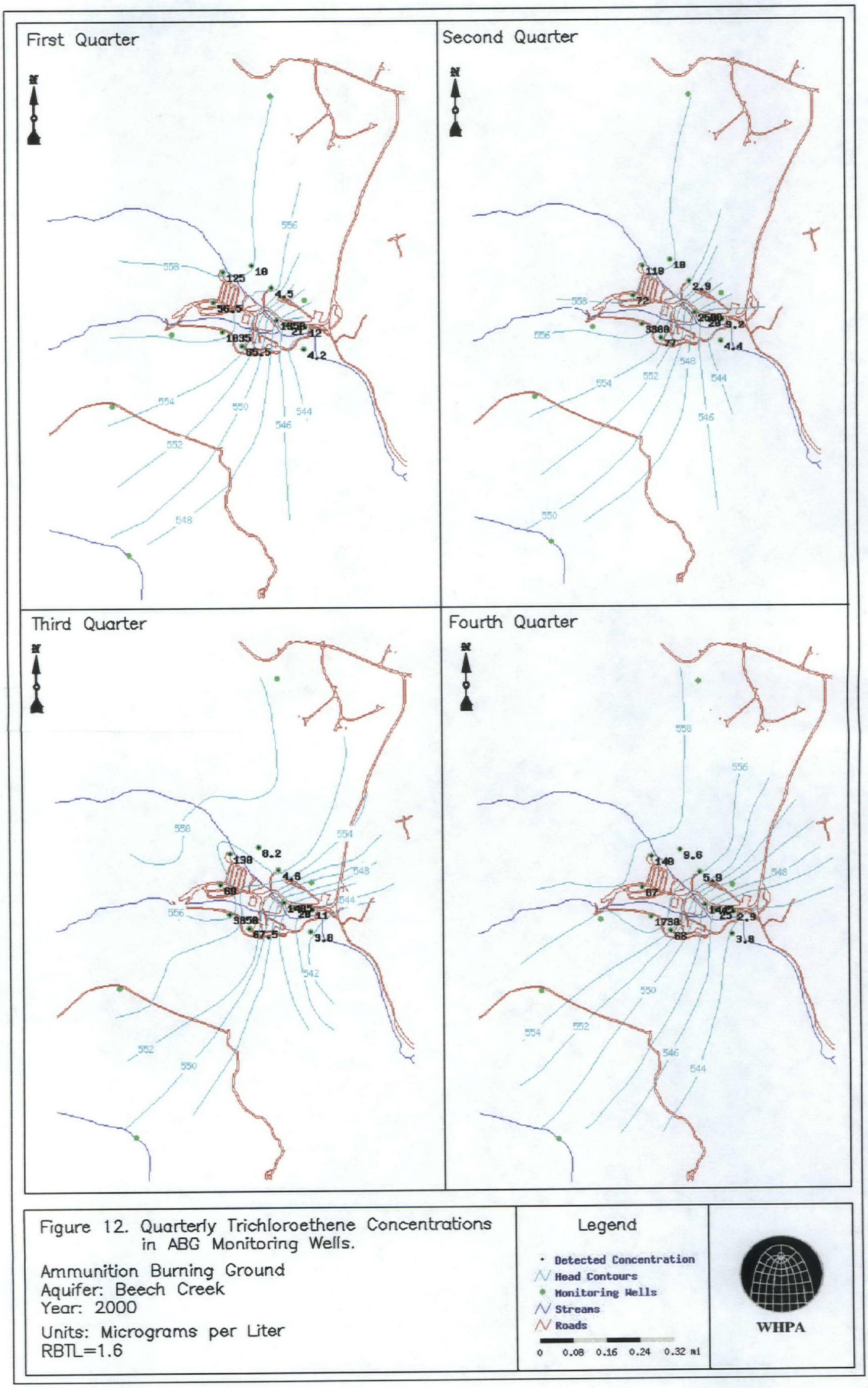


Figure 12. Quarterly Trichloroethene Concentrations in ABG Monitoring Wells.

Ammunition Burning Ground
Aquifer: Beech Creek
Year: 2000

Units: Micrograms per Liter
RBTL=1.6

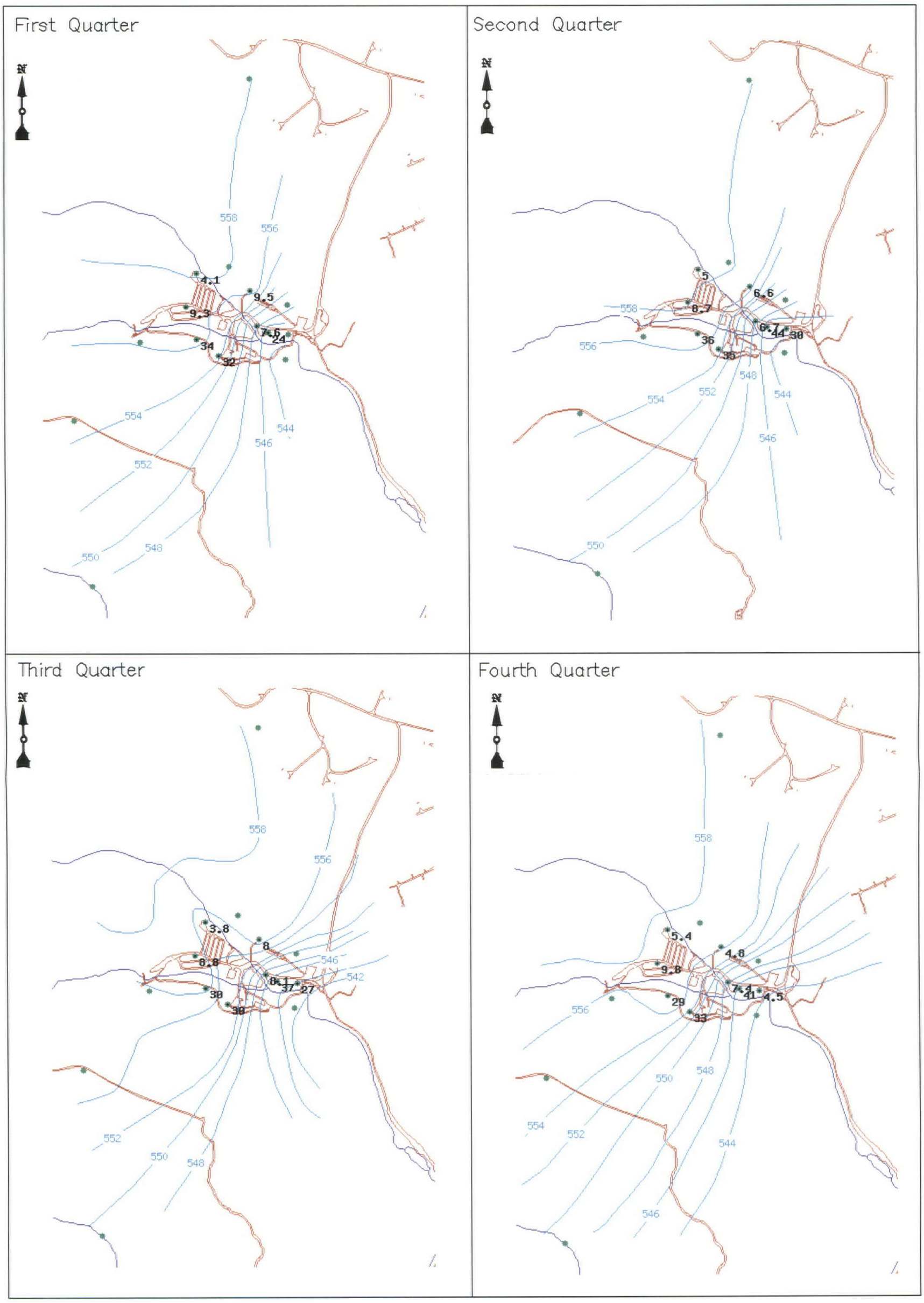


Figure 8.1.13. Quarterly HMX Concentrations in ABG Monitoring Wells.

Ammunition Burning Ground
Aquifer: Beech Creek
Year: 2000

Concentration Units: Micrograms per Liter
Risk-Based Target Level=1800

Legend

- Detected Concentration
- Head Contours
- Monitoring Wells
- Streams
- Roads

0 0.08 0.16 0.24 0.32 mi

WHPA

8.2 Old Rifle Range

The well network at the ORR monitors the Big Clifty sandstone and the Beech Creek limestone. The two formations are underlain by the Elwren shale aquiclude and are considered one aquifer. One monitoring well network, consisting of five wells, is screened in the upper part of the Big Clifty, including a portion of the thick soil zone that covers the site. The deeper monitoring well network, consisting of nine wells, is screened near the base of the Beech Creek. Comparisons of water levels between paired wells indicate little difference between the upper and lower wells. Groundwater flow through the limestone is primarily through a system of connected joints. The Big Clifty and Beech Creek formations beneath the ORR contain more open discontinuities than the same formations at other sites in the study area (Tetra Tech, 1999).

Metals and explosives were identified as contaminants at the ORR by the USACE sampling in the early 1990's (Murphy, 1995). The USACE identified arsenic, nickel, and manganese as statistically significant contaminants. Barium, copper, and antimony persisted in four rounds of sampling, but were considered naturally occurring or artifacts of sampling. TNT, RDX, and HMX were found "persistently" in five wells on the northern half of the ORR by the USACE.

Figures 8.2.1-8.2.4 show all detections, by quarter, for the upper Big Clifty monitoring wells at the ORR. Values that exceeded the RBTL are flagged. Detections in the upper Big Clifty were mainly metals and other inorganics. Samples were analyzed for organic compounds in only the second quarter. Detections of organics were limited to Bis(2-ethylhexyl)phthalate in two wells. Bis(2-ethylhexyl)phthalate is a common lab contaminant. The lab QC blank associated with the sample for well 06C11P2 indicates that the detection is likely a lab artifact (Table 6.2.3). No explosives were detected in any of the four quarters. Barium and manganese were the most frequently detected metals (100% of samples), often at levels above the RBTL (100% and 75%, respectively). Other metals detected include arsenic, cadmium, selenium, and antimony.

Figures 8.2.5-8.2.8 show all detections, by quarter, for the Big Clifty/Beech Creek monitoring wells at the ORR. Values that exceeded the RBTL are flagged. Similar to results in the upper wells, detections in the lower wells were mainly metals and other inorganics. Like the upper wells, barium and manganese were frequently detected (100% and 78% of samples, respectively), often above the RBTL (100% and 61% of samples, respectively). Arsenic was also detected with some frequency (53% of samples), however, above the RBTL less frequently (19% of samples). Other metals detected more than twice include antimony, zinc, cadmium, copper, and selenium. Detections of organics were limited to Bis(2-ethylhexyl)phthalate in well 06C18 in only the second quarter. Detections of explosives at the ORR were limited mostly to well 06C15. Three compounds were detected in well 06C15 in both the third and fourth quarters: TNT, 2-Amino-4,6-dinitrotoluene, and 4-Amino-2,6-dinitrotoluene. Of the detections of explosives, only TNT exceeded the RBTL.

ORR results were evaluated to determine which constituents were statistically higher than background (Section 7.0). Table 8.2 shows the ORR results that were significantly high and exceeded an RBTL in at least one of the four quarters. Monitoring point objectives

as per the GWMP (Tetra Tech NUS, 1999) are noted in the table. Constituents that exceeded both thresholds in ORR wells were limited to the metals arsenic, barium, cadmium, zinc, iron, and manganese.

RDX and HMX were not detected in any ORR well in the quarterly sampling of 2000. TNT was detected all four quarters in one well, 06C15, at concentrations greater than the RBTL. However, the TNT concentrations were not significantly higher than background. Nitro-toluene daughter compounds were also consistently detected in well 06C15, specifically 2-Amino-4, 6-dinitrotoluene and 4-Amino-2, 6-dinitrotoluene. The presence of the nitro-toluene daughter products indicates that some natural attenuation is occurring in the system. The concentrations of 2-Amino-4, 6-dinitrotoluene and 4-Amino-2, 6-dinitrotoluene were determined to be significantly higher than background. However, these two compounds were not evaluated for inclusion in Table 8.2 because an RBTL has not been established for them due to a lack of risk-based criteria (Tetra Tech NUS, 1999).

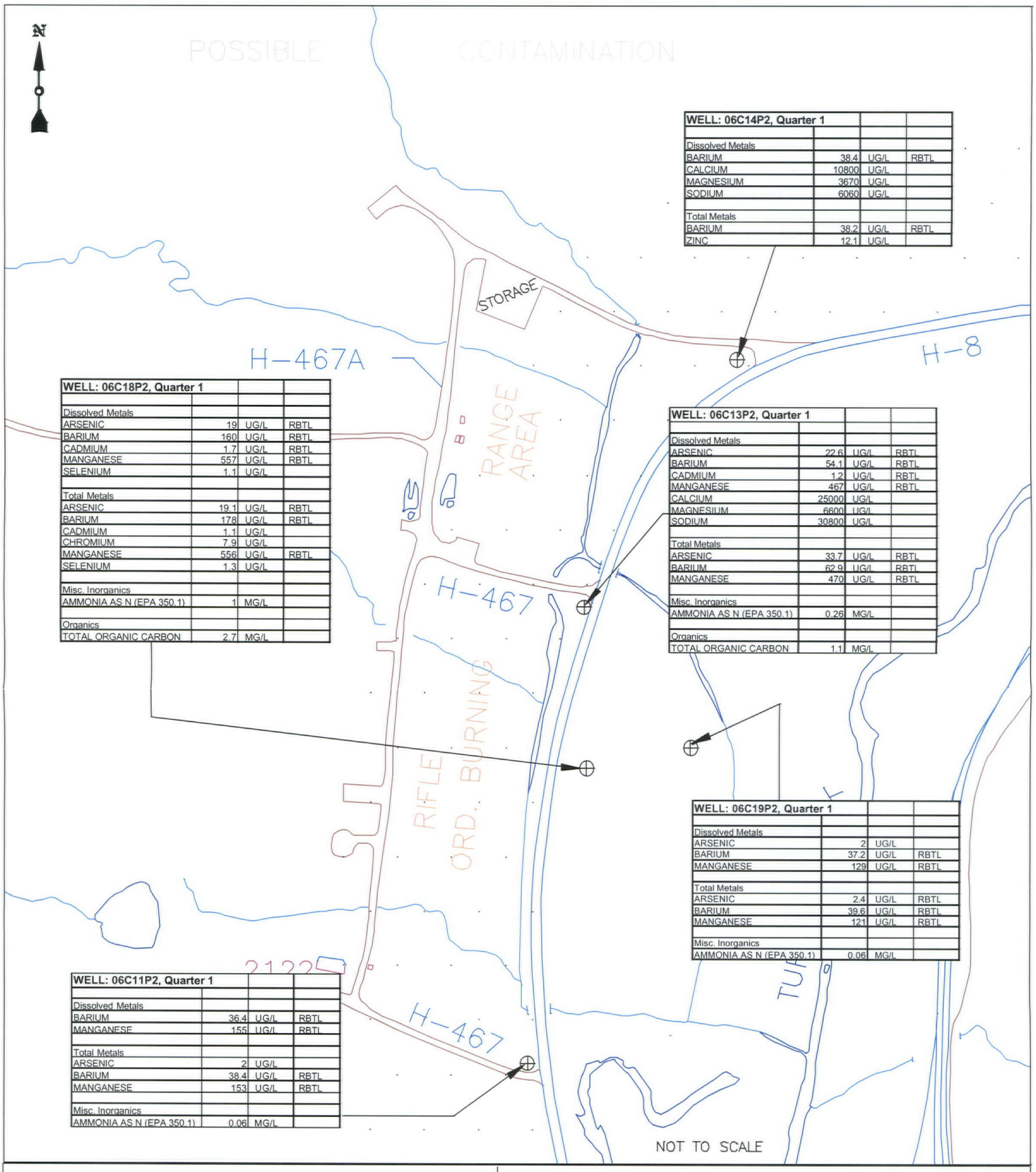
Similar to results at the ABG, total and dissolved barium were detected above the RBTL of 3.9 μg/L in all wells in all sampling rounds. Figure 8.2.9 shows the quarterly total barium concentrations in the Big Clifty/Beech Creek aquifer (see Figure 8.2.1 for well references). Barium concentrations in the upper Big Clifty wells are similar to the concentrations found in the deeper wells (Figure 8.2.10) (see Figure 8.2.5 for well references). However, more of the wells in the deeper network were determined to be significantly higher than background (Table 8.2). Four of the POC wells in the Big Clifty/Beech Creek network (06C11, 06C13, 06C16, 06C18) and the downgradient well 06C19 had barium concentrations greater than the RBTL and significantly higher than background. The wells in the Upper Big Clifty that exceeded both thresholds include two POC wells on the eastern perimeter, 06C13P2 and 06C18P2. Similar to the ABG, elevated barium concentrations at the ORR may be due to natural or background conditions at the site. As discussed previously, results from the Basewide Background Soils Investigation indicated that all of the barium samples were greater than the SRBTL of 1.04 mg/kg. Unlike the ABG, however, we did not have soil data specific to the ORR to compare to the background levels.

Manganese was detected above the RBTL of 50 μg/L consistently in five wells screened in the Big Clifty/Beech Creek aquifer (Figure 8.2.11) (06C12, 06C13, 06C14, 06C18, and 06C19) In addition to exceeding the RBTL, concentrations in each of these five wells were significantly higher than background (Table 8.2). Manganese concentrations in the upper aquifer exceeded both thresholds in four wells at the eastern edge of the site (03C11P2, 03C13P2, 03C18P2, 03C19P2) (Figure 8.2.12 and Table 8.2).

Arsenic was found above the RBTL of 2 μg/L in two of the Big Clifty/Beech Creek POC well, 06C13 and 06C11, and the downgradient well 06C19 (Figure 8.2.13). Similar results were found in the corresponding shallow wells in the Upper Big Clifty network; point of compliance wells 06C13P2 and 06C18P2 had concentrations greater than the RBTL. Of the arsenic exceedances, results from POC wells 06C13P2, 06C13, 06C18P2 and downgradient well 06C19P2 were significantly higher than background (Table 8.2).

Table 8.2 Old Rifle Range Monitoring Points with results exceeding RBTL and statistically higher than background. [C, Compliance; DG, Downgradient]

Parameter	Well	MP Objective	RBTL Exceedances by Quarter			
			1st	2nd	3rd	4th
Old Rifle Range – Upper Big Clifty						
METALS						
Arsenic	06C13P2	C	X	X	X	X
	06C18P2	C	X	X	X	X
	06C19P2	DG	X	X	X	X
Arsenic (filtered)	06C13P2	C	X	X	X	X
	06C18P2	C	X	X	X	X
Barium	06C18P2	C	X	X	X	X
	06C13P2	C	X	X	X	X
Barium (filtered)	06C18P2	C	X	X	X	X
Cadmium	06C18P2	C		X		
Zinc (filtered)	06C13P2	C		X		
Manganese	06C11P2	C	X	X	X	X
	06C13P2	C	X	X	X	X
	06C18P2	C	X	X	X	X
	06C19P2	DG	X	X	X	X
Manganese (filtered)	06C11P2	C	X	X	X	X
	06C13P2	C	X	X	X	X
	06C18P2	C	X	X	X	X
	06C19P2	DG	X	X	X	X
Old Rifle Range – Big Clifty/Beech Creek Aquifer						
METALS						
Arsenic	06C13	C	X	X	X	X
Arsenic (filtered)	06C13	C	X	X	X	X
Barium	06C11	C	X	X	X	X
	06C13	C	X	X	X	X
	06C16	C	X	X	X	X
	06C18	C	X	X	X	X
Barium (filtered)	06C11	C	X	X	X	X
	06C13	C	X	X	X	X
	06C16	C	X	X	X	X
	06C18	C	X	X	X	X
	06C19	DG	X	X	X	X
Zinc	06C14	C				X
	06C15	C				X
Iron	06C18	C		X		
Manganese	06C12	C	X	X	X	X
	06C13	C	X	X	X	X
	06C14	C	X	X	X	X
	06C18	C	X	X	X	X
	06C19	DG	X	X	X	X
Manganese (filtered)	06C12	C	X	X	X	X
	06C13	C	X	X	X	X
	06C14	C	X	X	X	X
	06C18	C	X	X	X	X
	06C19	DG	X	X	X	X



WELL: 06C14P2, Quarter 1			
Dissolved Metals			
BARIUM	38.4	UG/L	RBTL
CALCIUM	10800	UG/L	
MAGNESIUM	3670	UG/L	
SODIUM	6060	UG/L	
Total Metals			
BARIUM	38.2	UG/L	RBTL
ZINC	12.1	UG/L	

WELL: 06C18P2, Quarter 1			
Dissolved Metals			
ARSENIC	19	UG/L	RBTL
BARIUM	160	UG/L	RBTL
CADMIUM	1.7	UG/L	RBTL
MANGANESE	557	UG/L	RBTL
SELENIUM	1.1	UG/L	
Total Metals			
ARSENIC	19.1	UG/L	RBTL
BARIUM	178	UG/L	RBTL
CADMIUM	1.1	UG/L	
CHROMIUM	7.9	UG/L	
MANGANESE	556	UG/L	RBTL
SELENIUM	1.3	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	1	MG/L	
Organics			
TOTAL ORGANIC CARBON	2.7	MG/L	

WELL: 06C13P2, Quarter 1			
Dissolved Metals			
ARSENIC	22.6	UG/L	RBTL
BARIUM	54.1	UG/L	RBTL
CADMIUM	1.2	UG/L	RBTL
MANGANESE	467	UG/L	RBTL
CALCIUM	25000	UG/L	
MAGNESIUM	6600	UG/L	
SODIUM	30800	UG/L	
Total Metals			
ARSENIC	33.7	UG/L	RBTL
BARIUM	62.9	UG/L	RBTL
MANGANESE	470	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.26	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.1	MG/L	

WELL: 06C19P2, Quarter 1			
Dissolved Metals			
ARSENIC	2	UG/L	
BARIUM	37.2	UG/L	RBTL
MANGANESE	129	UG/L	RBTL
Total Metals			
ARSENIC	2.4	UG/L	RBTL
BARIUM	39.6	UG/L	RBTL
MANGANESE	121	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.06	MG/L	

WELL: 06C11P2, Quarter 1			
Dissolved Metals			
BARIUM	36.4	UG/L	RBTL
MANGANESE	155	UG/L	RBTL
Total Metals			
ARSENIC	2	UG/L	
BARIUM	38.4	UG/L	RBTL
MANGANESE	153	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.06	MG/L	

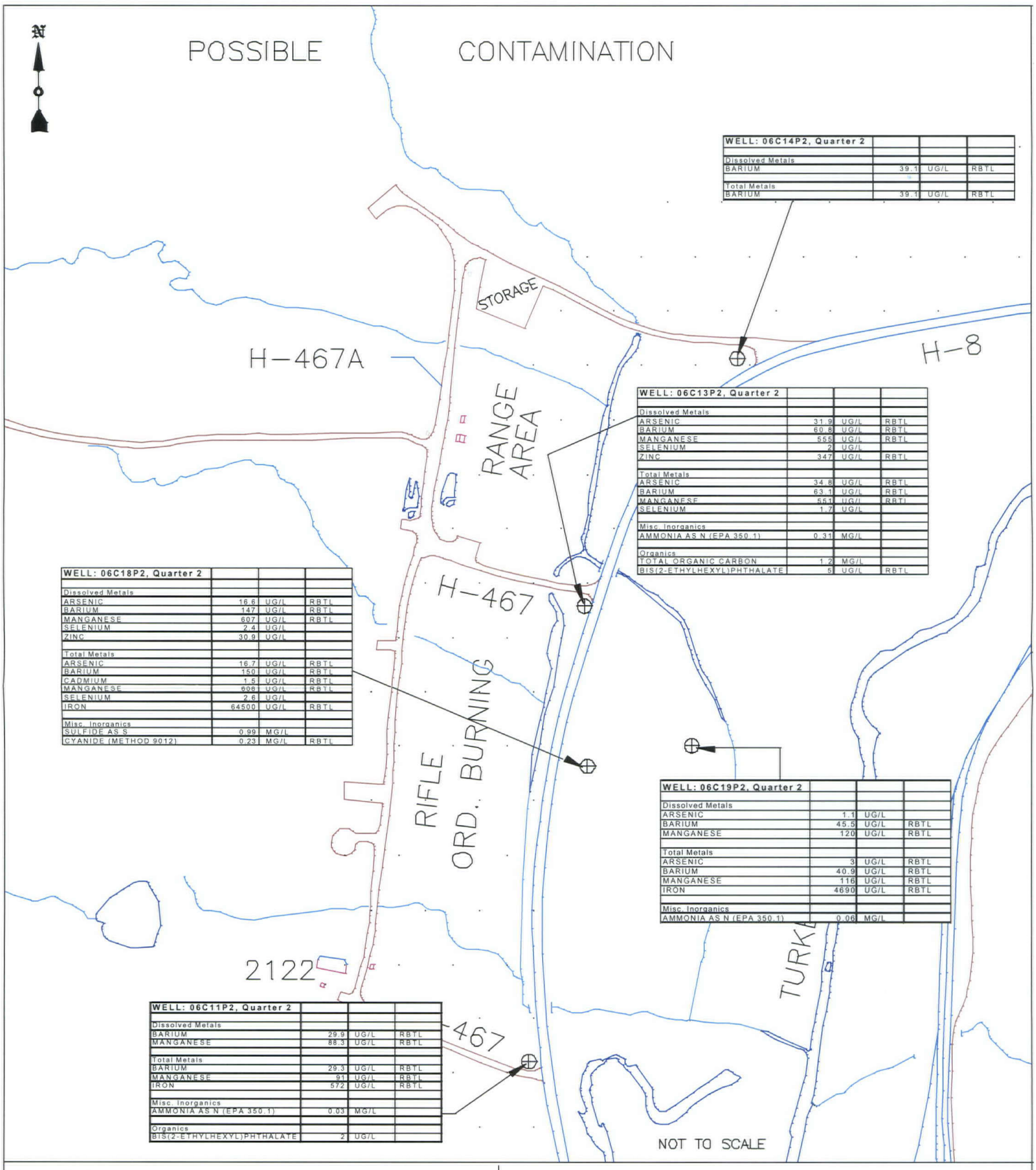
FIGURE 8.2.1
ORGANIC AND INORGANIC DETECTIONS IN GROUND WATER

OLD RIFLE RANGE
1ST QUARTER, 2000
AQUIFER: UPPER BIG CLIFTY

LEGEND

⊕ MONITORING WELL

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



WELL: 06C14P2, Quarter 2			
Dissolved Metals			
BARIUM	39.1	UG/L	RBTL
Total Metals			
BARIUM	39.1	UG/L	RBTL

WELL: 06C13P2, Quarter 2			
Dissolved Metals			
ARSENIC	31.9	UG/L	RBTL
BARIUM	60.8	UG/L	RBTL
MANGANESE	555	UG/L	RBTL
SELENIUM	2	UG/L	
ZINC	347	UG/L	RBTL
Total Metals			
ARSENIC	34.8	UG/L	RBTL
BARIUM	63.1	UG/L	RBTL
MANGANESE	551	UG/L	RBTL
SELENIUM	1.7	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.31	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.2	MG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	5	UG/L	RBTL

WELL: 06C18P2, Quarter 2			
Dissolved Metals			
ARSENIC	16.6	UG/L	RBTL
BARIUM	147	UG/L	RBTL
MANGANESE	607	UG/L	RBTL
SELENIUM	2.4	UG/L	
ZINC	30.9	UG/L	
Total Metals			
ARSENIC	16.7	UG/L	RBTL
BARIUM	150	UG/L	RBTL
CADMIUM	1.5	UG/L	RBTL
MANGANESE	606	UG/L	RBTL
SELENIUM	2.6	UG/L	
IRON	64500	UG/L	RBTL
Misc. Inorganics			
SULFIDE AS S	0.99	MG/L	
CYANIDE (METHOD 9012)	0.23	MG/L	RBTL

WELL: 06C19P2, Quarter 2			
Dissolved Metals			
ARSENIC	1.1	UG/L	
BARIUM	45.5	UG/L	RBTL
MANGANESE	120	UG/L	RBTL
Total Metals			
ARSENIC	3	UG/L	RBTL
BARIUM	40.9	UG/L	RBTL
MANGANESE	116	UG/L	RBTL
IRON	4690	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.06	MG/L	

WELL: 06C11P2, Quarter 2			
Dissolved Metals			
BARIUM	29.9	UG/L	RBTL
MANGANESE	88.3	UG/L	RBTL
Total Metals			
BARIUM	29.3	UG/L	RBTL
MANGANESE	91	UG/L	RBTL
IRON	572	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.03	MG/L	
Organics			
BIS(2-ETHYLHEXYL)PHTHALATE	2	UG/L	

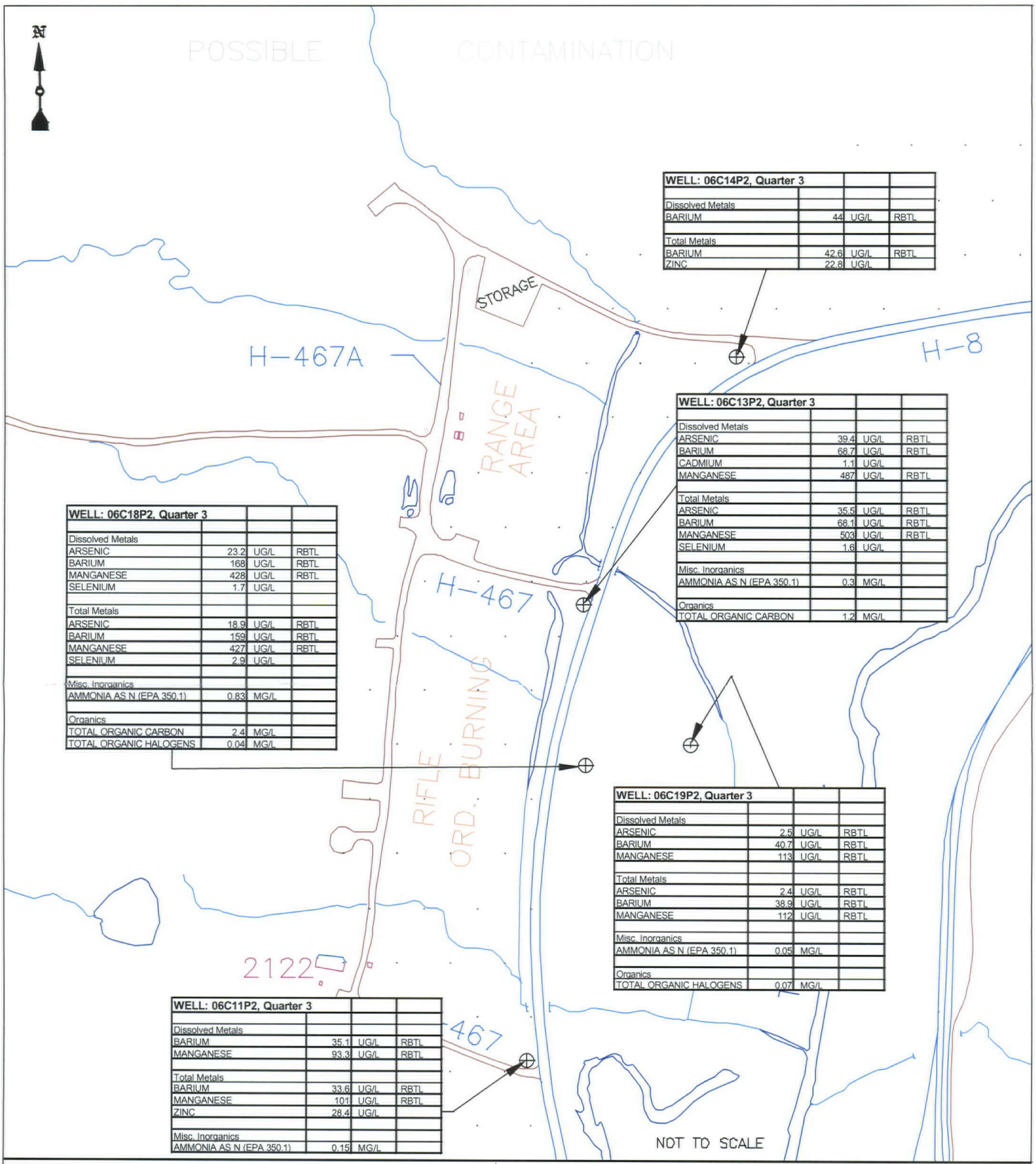
FIGURE 8.2.2
ORGANIC AND INORGANIC DETECTIONS IN GROUND WATER

OLD RIFLE RANGE
2ND QUARTER, 2000
AQUIFER: UPPER BIG CLIFTY

LEGEND

⊕ MONITORING WELL

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



WELL: 06C14P2, Quarter 3			
Dissolved Metals			
BARIUM	44	UG/L	RBTL
Total Metals			
BARIUM	42.6	UG/L	RBTL
ZINC	22.8	UG/L	

WELL: 06C13P2, Quarter 3			
Dissolved Metals			
ARSENIC	39.4	UG/L	RBTL
BARIUM	68.7	UG/L	RBTL
CADMIUM	1.1	UG/L	
MANGANESE	487	UG/L	RBTL
Total Metals			
ARSENIC	35.5	UG/L	RBTL
BARIUM	68.1	UG/L	RBTL
MANGANESE	503	UG/L	RBTL
SELENIUM	1.6	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.3	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.2	MG/L	

WELL: 06C18P2, Quarter 3			
Dissolved Metals			
ARSENIC	23.2	UG/L	RBTL
BARIUM	168	UG/L	RBTL
MANGANESE	428	UG/L	RBTL
SELENIUM	1.7	UG/L	
Total Metals			
ARSENIC	18.9	UG/L	RBTL
BARIUM	159	UG/L	RBTL
MANGANESE	427	UG/L	RBTL
SELENIUM	2.9	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.83	MG/L	
Organics			
TOTAL ORGANIC CARBON	2.4	MG/L	
TOTAL ORGANIC HALOGENS	0.04	MG/L	

WELL: 06C19P2, Quarter 3			
Dissolved Metals			
ARSENIC	2.5	UG/L	RBTL
BARIUM	40.7	UG/L	RBTL
MANGANESE	113	UG/L	RBTL
Total Metals			
ARSENIC	2.4	UG/L	RBTL
BARIUM	38.9	UG/L	RBTL
MANGANESE	112	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.05	MG/L	
Organics			
TOTAL ORGANIC HALOGENS	0.07	MG/L	

WELL: 06C11P2, Quarter 3			
Dissolved Metals			
BARIUM	35.1	UG/L	RBTL
MANGANESE	93.3	UG/L	RBTL
Total Metals			
BARIUM	33.6	UG/L	RBTL
MANGANESE	101	UG/L	RBTL
ZINC	28.4	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.15	MG/L	

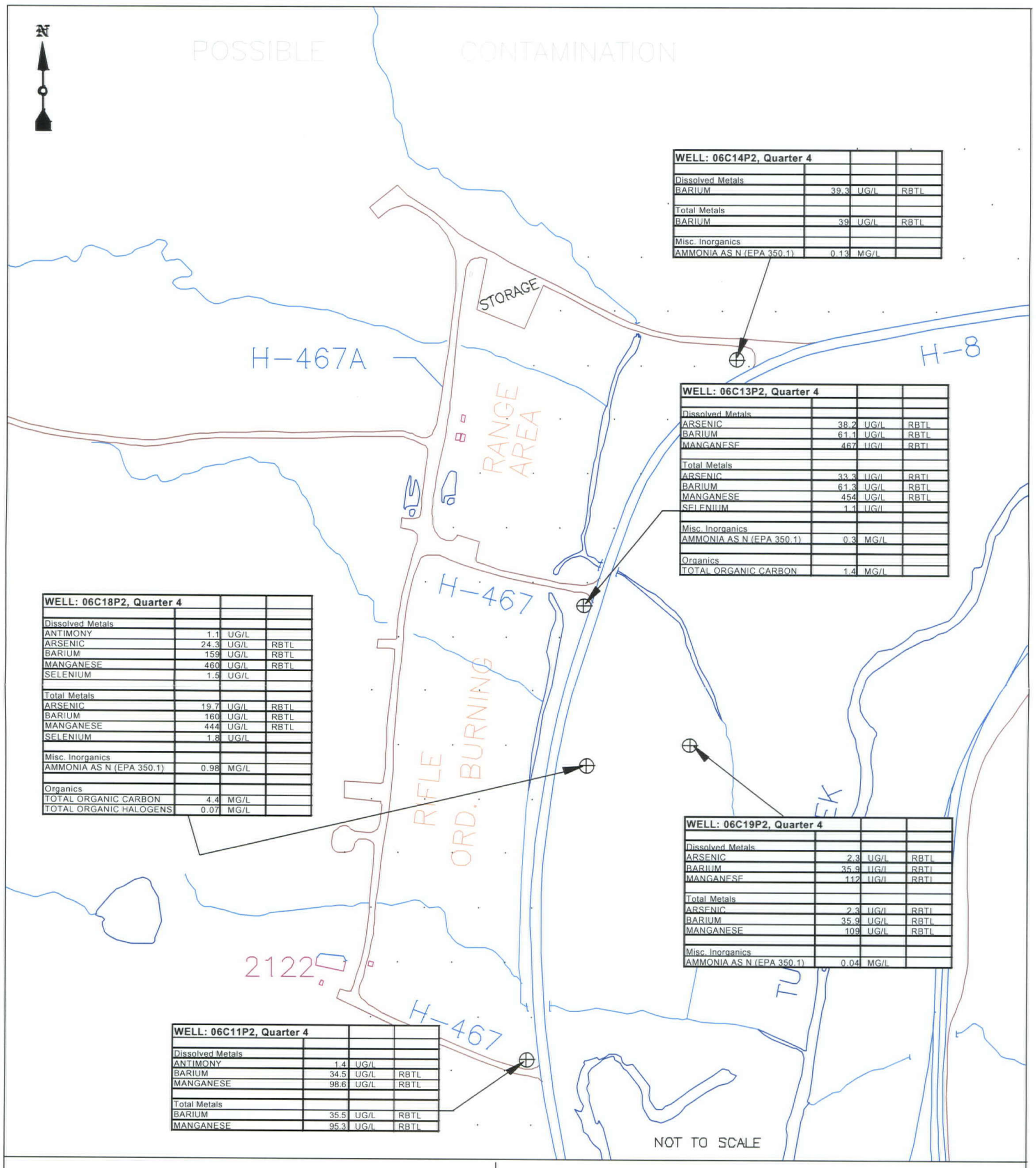
FIGURE 8.2.3
ORGANIC AND INORGANIC DETECTIONS IN GROUND WATER

OLD RIFLE RANGE
3RD QUARTER, 2000
AQUIFER: UPPER BIG CLIFTY

LEGEND

⊕ MONITORING WELL

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



WELL: 06C14P2, Quarter 4			
Dissolved Metals			
BARIUM	39.3	UG/L	RBTL
Total Metals			
BARIUM	39	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.13	MG/L	

WELL: 06C13P2, Quarter 4			
Dissolved Metals			
ARSENIC	38.2	UG/L	RBTL
BARIUM	61.1	UG/L	RBTL
MANGANESE	467	UG/L	RBTL
Total Metals			
ARSENIC	33.3	UG/L	RBTL
BARIUM	61.3	UG/L	RBTL
MANGANESE	454	UG/L	RBTL
SELENIUM	1.1	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.3	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.4	MG/L	

WELL: 06C18P2, Quarter 4			
Dissolved Metals			
ANTIMONY	1.1	UG/L	
ARSENIC	24.3	UG/L	RBTL
BARIUM	159	UG/L	RBTL
MANGANESE	460	UG/L	RBTL
SELENIUM	1.5	UG/L	
Total Metals			
ARSENIC	19.7	UG/L	RBTL
BARIUM	160	UG/L	RBTL
MANGANESE	444	UG/L	RBTL
SELENIUM	1.8	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.98	MG/L	
Organics			
TOTAL ORGANIC CARBON	4.4	MG/L	
TOTAL ORGANIC HALOGENS	0.07	MG/L	

WELL: 06C19P2, Quarter 4			
Dissolved Metals			
ARSENIC	2.3	UG/L	RBTL
BARIUM	35.9	UG/L	RBTL
MANGANESE	112	UG/L	RBTL
Total Metals			
ARSENIC	2.3	UG/L	RBTL
BARIUM	35.9	UG/L	RBTL
MANGANESE	109	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.04	MG/L	

WELL: 06C11P2, Quarter 4			
Dissolved Metals			
ANTIMONY	1.4	UG/L	
BARIUM	34.5	UG/L	RBTL
MANGANESE	98.6	UG/L	RBTL
Total Metals			
BARIUM	35.5	UG/L	RBTL
MANGANESE	95.3	UG/L	RBTL

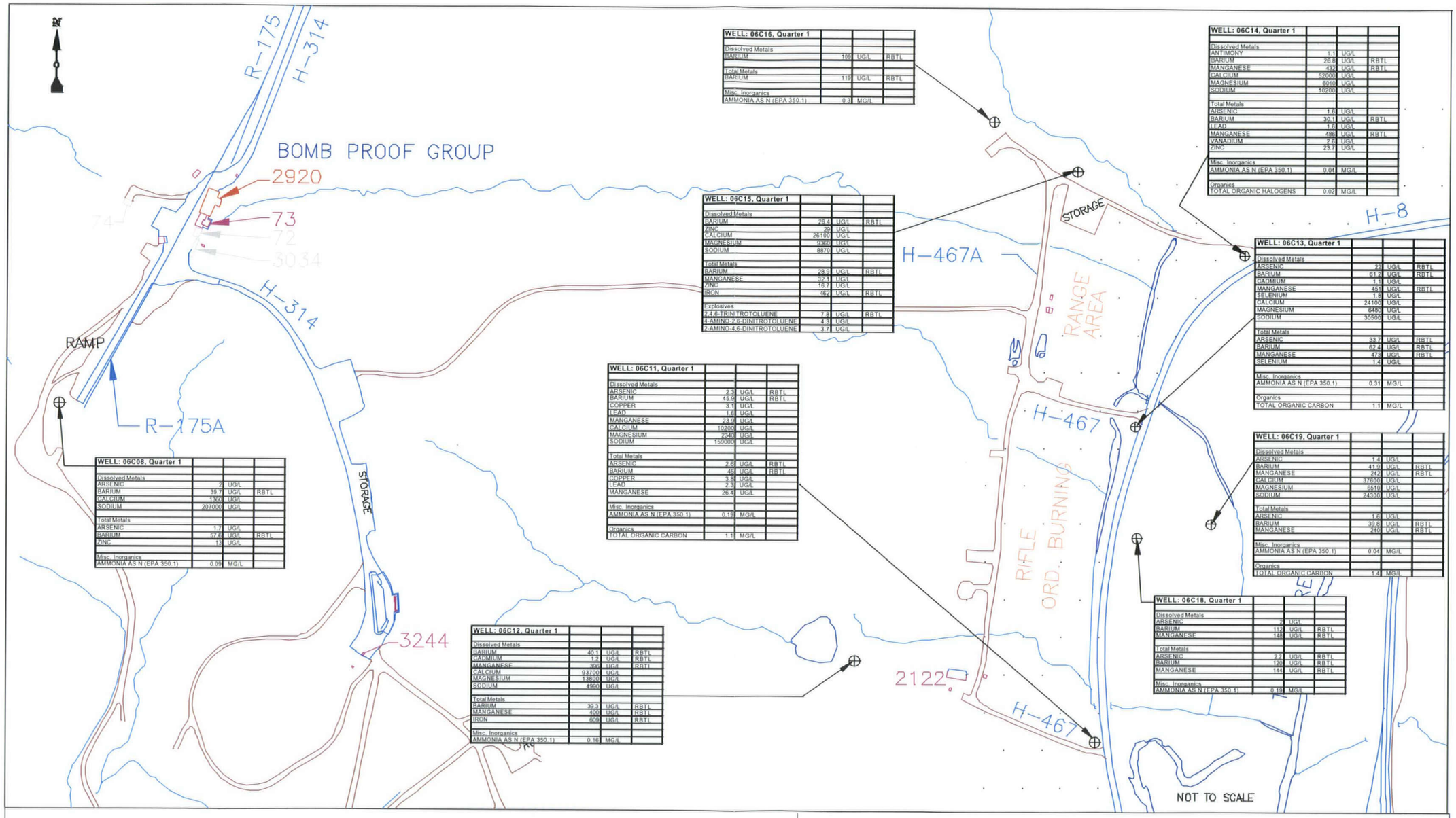
FIGURE 8.2.4
ORGANIC AND INORGANIC DETECTIONS IN GROUND WATER

OLD RIFLE RANGE
4TH QUARTER, 2000
AQUIFER: UPPER BIG CLIFTY

LEGEND

⊕ MONITORING WELL

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



WELL: 06C16, Quarter 1			
Dissolved Metals			
BARIUM	109	UG/L	RBTL
Total Metals			
BARIUM	119	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.3	MG/L	

WELL: 06C14, Quarter 1			
Dissolved Metals			
ANTIMONY	1.1	UG/L	
BARIUM	26.8	UG/L	RBTL
MANGANESE	432	UG/L	RBTL
CALCIUM	52000	UG/L	
MAGNESIUM	6010	UG/L	
SODIUM	10200	UG/L	
Total Metals			
ARSENIC	1.6	UG/L	
BARIUM	30.1	UG/L	RBTL
LEAD	1.6	UG/L	
MANGANESE	486	UG/L	RBTL
VANADIUM	2.6	UG/L	
ZINC	23.7	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.04	MG/L	
Organics			
TOTAL ORGANIC HALOGENS	0.02	MG/L	

WELL: 06C15, Quarter 1			
Dissolved Metals			
BARIUM	26.4	UG/L	RBTL
ZINC	29	UG/L	
CALCIUM	26100	UG/L	
MAGNESIUM	9360	UG/L	
SODIUM	8870	UG/L	
Total Metals			
BARIUM	28.9	UG/L	RBTL
MANGANESE	32.1	UG/L	
ZINC	16.7	UG/L	
IRON	462	UG/L	RBTL
Explosives			
2,4,6-TRINITROTOLUENE	7.8	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	4.3	UG/L	
2-AMINO-4,6-DINITROTOLUENE	3.7	UG/L	

WELL: 06C13, Quarter 1			
Dissolved Metals			
ARSENIC	22	UG/L	RBTL
BARIUM	61.2	UG/L	RBTL
CADMIUM	1.1	UG/L	
MANGANESE	451	UG/L	RBTL
SELENIUM	1.8	UG/L	
CALCIUM	24100	UG/L	
MAGNESIUM	6480	UG/L	
SODIUM	30500	UG/L	
Total Metals			
ARSENIC	33.7	UG/L	RBTL
BARIUM	62.4	UG/L	RBTL
MANGANESE	479	UG/L	RBTL
SELENIUM	1.4	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.31	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.1	MG/L	

WELL: 06C11, Quarter 1			
Dissolved Metals			
ARSENIC	2.3	UG/L	RBTL
BARIUM	45.9	UG/L	RBTL
COPPER	3.1	UG/L	
LEAD	1.6	UG/L	
MANGANESE	23.9	UG/L	
CALCIUM	10200	UG/L	
MAGNESIUM	2340	UG/L	
SODIUM	159000	UG/L	
Total Metals			
ARSENIC	2.6	UG/L	RBTL
BARIUM	49	UG/L	RBTL
COPPER	3.8	UG/L	
LEAD	2.3	UG/L	
MANGANESE	26.4	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.19	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.1	MG/L	

WELL: 06C19, Quarter 1			
Dissolved Metals			
ARSENIC	1.4	UG/L	
BARIUM	41.9	UG/L	RBTL
MANGANESE	242	UG/L	RBTL
CALCIUM	37600	UG/L	
MAGNESIUM	6510	UG/L	
SODIUM	24300	UG/L	
Total Metals			
ARSENIC	1.6	UG/L	
BARIUM	39.8	UG/L	RBTL
MANGANESE	240	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.04	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.4	MG/L	

WELL: 06C08, Quarter 1			
Dissolved Metals			
ARSENIC	2	UG/L	
BARIUM	35.7	UG/L	RBTL
CALCIUM	1360	UG/L	
SODIUM	207000	UG/L	
Total Metals			
ARSENIC	1.7	UG/L	
BARIUM	57.6	UG/L	RBTL
ZINC	13	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.09	MG/L	

WELL: 06C12, Quarter 1			
Dissolved Metals			
BARIUM	40.1	UG/L	RBTL
CADMIUM	1.2	UG/L	RBTL
MANGANESE	390	UG/L	RBTL
CALCIUM	93700	UG/L	
MAGNESIUM	13800	UG/L	
SODIUM	4990	UG/L	
Total Metals			
BARIUM	39.3	UG/L	RBTL
MANGANESE	400	UG/L	RBTL
IRON	609	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.18	MG/L	

WELL: 06C18, Quarter 1			
Dissolved Metals			
ARSENIC	2	UG/L	
BARIUM	112	UG/L	RBTL
MANGANESE	148	UG/L	RBTL
Total Metals			
ARSENIC	2.2	UG/L	RBTL
BARIUM	120	UG/L	RBTL
MANGANESE	144	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.19	MG/L	

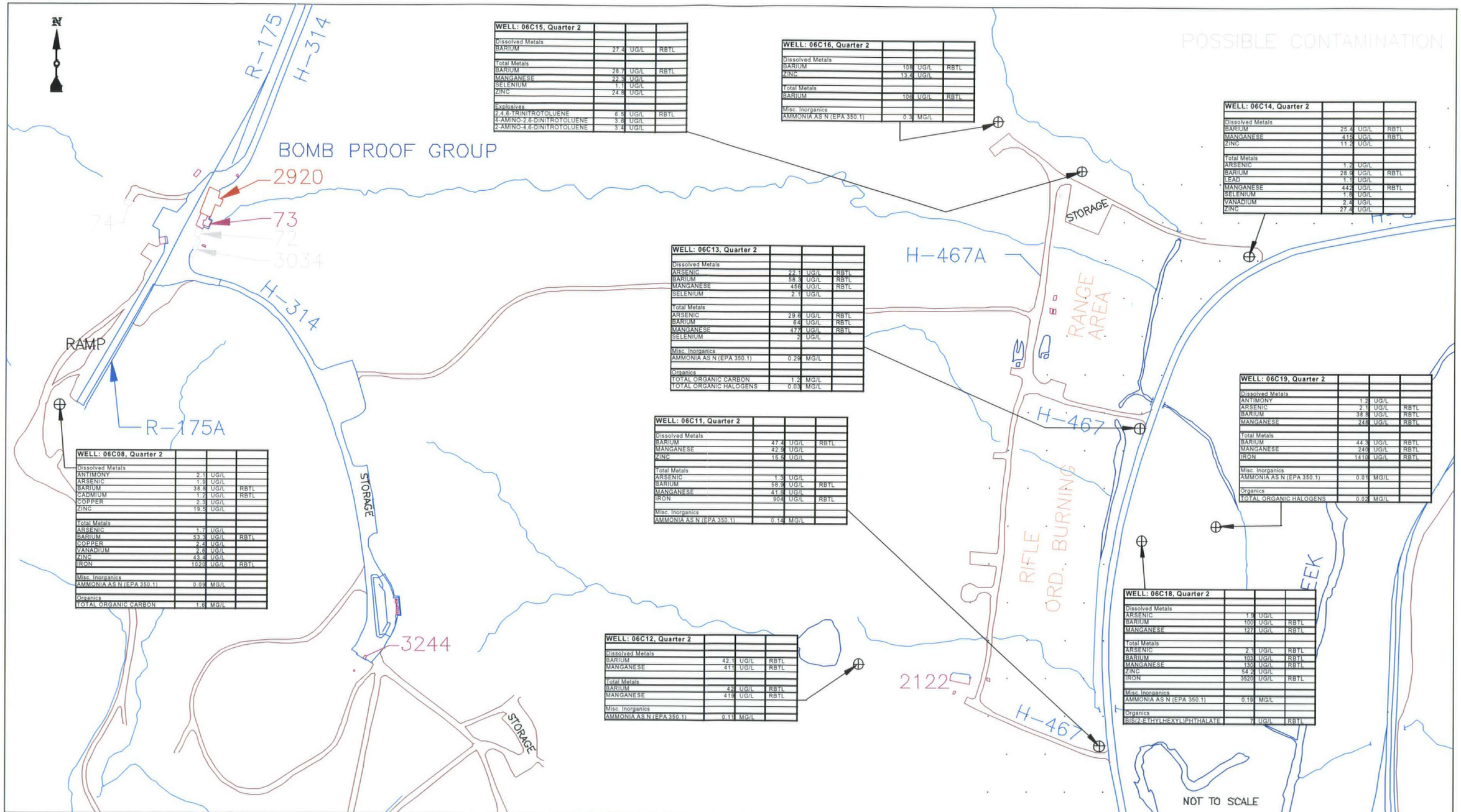
FIGURE 8.2.5
ORGANIC AND INORGANIC DETECTIONS
IN GROUND WATER

OLD RIFLE RANGE
1ST QUARTER, 2000
AQUIFER: BIG CLIFTY/BEECH CREEK

LEGEND

⊕ MONITORING WELL

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



WELL: 06C15, Quarter 2			
Dissolved Metals			
BARIUM	27.4	UG/L	RBTL
Total Metals			
BARIUM	28.7	UG/L	RBTL
MANGANESE	22.3	UG/L	
SELENIUM	1.1	UG/L	
ZINC	24.8	UG/L	
Explosives			
2,4,6-TRINITROTOLUENE	6.5	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	3.6	UG/L	
2-AMINO-4,6-DINITROTOLUENE	3.4	UG/L	

WELL: 06C16, Quarter 2			
Dissolved Metals			
BARIUM	108	UG/L	RBTL
ZINC	13.4	UG/L	
Total Metals			
BARIUM	108	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.3	MG/L	

WELL: 06C14, Quarter 2			
Dissolved Metals			
BARIUM	25.4	UG/L	RBTL
MANGANESE	415	UG/L	RBTL
ZINC	11.2	UG/L	
Total Metals			
ARSENIC	1.2	UG/L	
BARIUM	28.9	UG/L	RBTL
LEAD	1.1	UG/L	
MANGANESE	442	UG/L	RBTL
SELENIUM	1.8	UG/L	
VANADIUM	2.4	UG/L	
ZINC	27.4	UG/L	

WELL: 06C13, Quarter 2			
Dissolved Metals			
ARSENIC	22.1	UG/L	RBTL
BARIUM	58.3	UG/L	RBTL
MANGANESE	458	UG/L	RBTL
SELENIUM	2.1	UG/L	
Total Metals			
ARSENIC	29.6	UG/L	RBTL
BARIUM	64	UG/L	RBTL
MANGANESE	477	UG/L	RBTL
SELENIUM	2	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.29	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.2	MG/L	
TOTAL ORGANIC HALOGENS	0.03	MG/L	

WELL: 06C19, Quarter 2			
Dissolved Metals			
ANTIMONY	1.2	UG/L	
ARSENIC	2.1	UG/L	RBTL
BARIUM	38.8	UG/L	RBTL
MANGANESE	246	UG/L	RBTL
Total Metals			
BARIUM	44.3	UG/L	RBTL
MANGANESE	240	UG/L	RBTL
IRON	1410	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.01	MG/L	
Organics			
TOTAL ORGANIC HALOGENS	0.02	MG/L	

WELL: 06C08, Quarter 2			
Dissolved Metals			
ANTIMONY	2.1	UG/L	
ARSENIC	1.9	UG/L	
BARIUM	38.8	UG/L	RBTL
CADMIUM	1.2	UG/L	RBTL
COPPER	2.3	UG/L	
ZINC	19.5	UG/L	
Total Metals			
ARSENIC	1.7	UG/L	
BARIUM	53.3	UG/L	RBTL
COPPER	2.4	UG/L	
VANADIUM	2.8	UG/L	
ZINC	43.4	UG/L	
IRON	1020	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.08	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.6	MG/L	

WELL: 06C11, Quarter 2			
Dissolved Metals			
BARIUM	47.4	UG/L	RBTL
MANGANESE	42.9	UG/L	
ZINC	15.5	UG/L	
Total Metals			
ARSENIC	1.3	UG/L	
BARIUM	58.9	UG/L	RBTL
MANGANESE	41.8	UG/L	
IRON	904	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.14	MG/L	

WELL: 06C12, Quarter 2			
Dissolved Metals			
BARIUM	42.1	UG/L	RBTL
MANGANESE	411	UG/L	RBTL
Total Metals			
BARIUM	42	UG/L	RBTL
MANGANESE	419	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.11	MG/L	

WELL: 06C18, Quarter 2			
Dissolved Metals			
ARSENIC	1.9	UG/L	
BARIUM	100	UG/L	RBTL
MANGANESE	127	UG/L	RBTL
Total Metals			
ARSENIC	2.1	UG/L	RBTL
BARIUM	103	UG/L	RBTL
MANGANESE	130	UG/L	RBTL
ZINC	54.2	UG/L	
IRON	3520	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.19	MG/L	
Organics			
BIS(2-ETHYLHEXYL)PHTHALATE	7	UG/L	RBTL

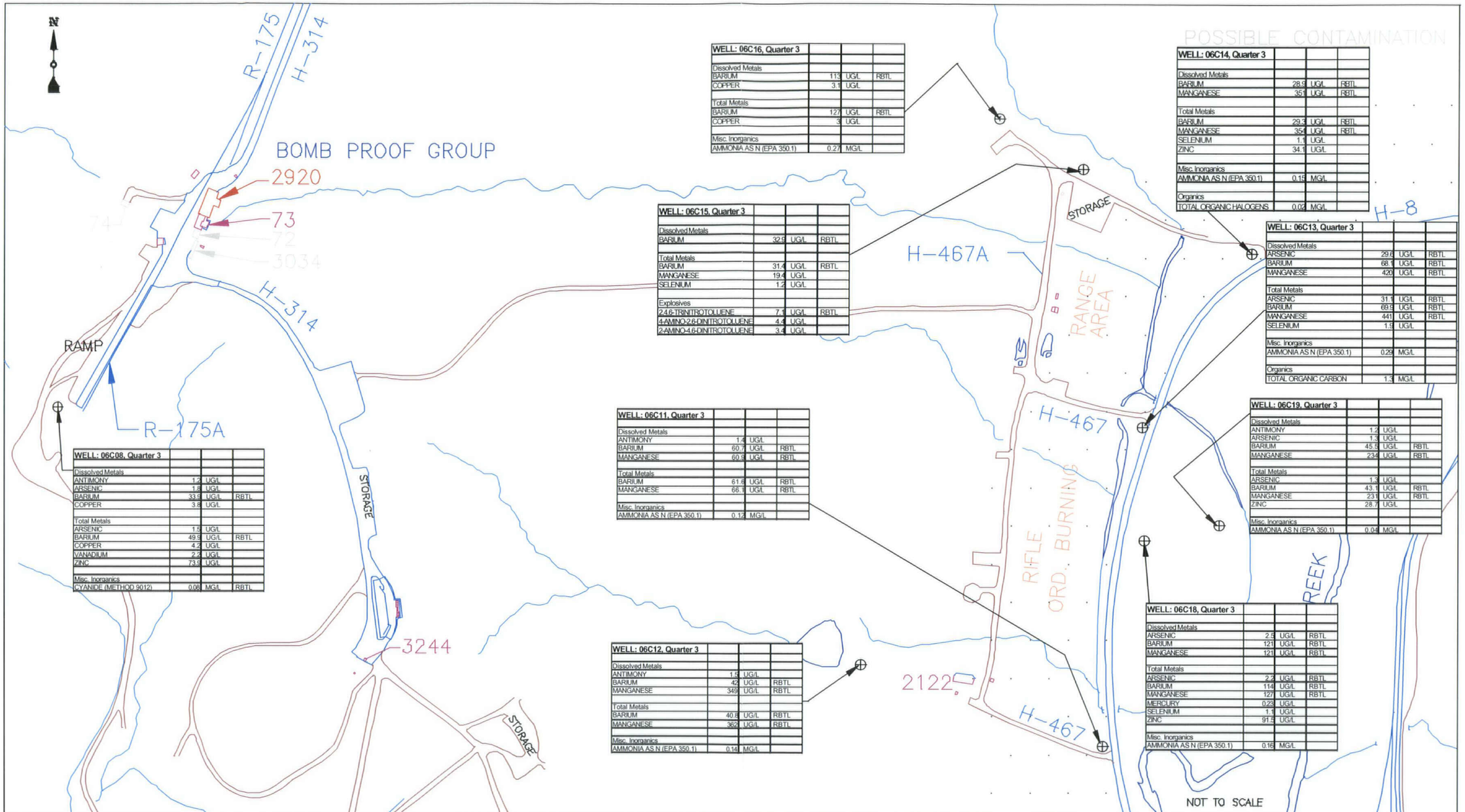
FIGURE 8.2.6
ORGANIC AND INORGANIC DETECTIONS
IN GROUND WATER

OLD RIFLE RANGE
2ND QUARTER, 2000
AQUIFER: BIG CLIFTY/BEECH CREEK

LEGEND

⊕ MONITORING WELL

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



WELL: 06C16, Quarter 3			
Dissolved Metals			
BARIUM	113	UG/L	RBTL
COPPER	3.1	UG/L	
Total Metals			
BARIUM	127	UG/L	RBTL
COPPER	3	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.27	MG/L	

WELL: 06C14, Quarter 3			
Dissolved Metals			
BARIUM	28.9	UG/L	RBTL
MANGANESE	351	UG/L	RBTL
Total Metals			
BARIUM	29.3	UG/L	RBTL
MANGANESE	354	UG/L	RBTL
SELENIUM	1.1	UG/L	
ZINC	34.1	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.15	MG/L	
Organics			
TOTAL ORGANIC HALOGENS	0.02	MG/L	

WELL: 06C15, Quarter 3			
Dissolved Metals			
BARIUM	32.9	UG/L	RBTL
Total Metals			
BARIUM	31.4	UG/L	RBTL
MANGANESE	19.4	UG/L	
SELENIUM	1.2	UG/L	
Explosives			
2,4,6-TRINITROTOLUENE	7.1	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	4.4	UG/L	
2-AMINO-4,6-DINITROTOLUENE	3.4	UG/L	

WELL: 06C13, Quarter 3			
Dissolved Metals			
ARSENIC	29.6	UG/L	RBTL
BARIUM	68.1	UG/L	RBTL
MANGANESE	420	UG/L	RBTL
Total Metals			
ARSENIC	31.1	UG/L	RBTL
BARIUM	69.5	UG/L	RBTL
MANGANESE	441	UG/L	RBTL
SELENIUM	1.9	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.29	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.3	MG/L	

WELL: 06C08, Quarter 3			
Dissolved Metals			
ANTIMONY	1.2	UG/L	
ARSENIC	1.8	UG/L	
BARIUM	33.9	UG/L	RBTL
COPPER	3.8	UG/L	
Total Metals			
ARSENIC	1.5	UG/L	
BARIUM	49.9	UG/L	RBTL
COPPER	4.2	UG/L	
VANADIUM	2.2	UG/L	
ZINC	73.9	UG/L	
Misc. Inorganics			
CYANIDE (METHOD 9012)	0.08	MG/L	RBTL

WELL: 06C11, Quarter 3			
Dissolved Metals			
ANTIMONY	1.4	UG/L	
BARIUM	60.7	UG/L	RBTL
MANGANESE	60.9	UG/L	RBTL
Total Metals			
BARIUM	61.6	UG/L	RBTL
MANGANESE	66.1	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.12	MG/L	

WELL: 06C19, Quarter 3			
Dissolved Metals			
ANTIMONY	1.2	UG/L	
ARSENIC	1.3	UG/L	
BARIUM	45.5	UG/L	RBTL
MANGANESE	234	UG/L	RBTL
Total Metals			
ARSENIC	1.3	UG/L	
BARIUM	43.1	UG/L	RBTL
MANGANESE	231	UG/L	RBTL
ZINC	28.7	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.04	MG/L	

WELL: 06C12, Quarter 3			
Dissolved Metals			
ANTIMONY	1.5	UG/L	
BARIUM	42	UG/L	RBTL
MANGANESE	349	UG/L	RBTL
Total Metals			
BARIUM	40.8	UG/L	RBTL
MANGANESE	362	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.14	MG/L	

WELL: 06C18, Quarter 3			
Dissolved Metals			
ARSENIC	2.5	UG/L	RBTL
BARIUM	121	UG/L	RBTL
MANGANESE	121	UG/L	RBTL
Total Metals			
ARSENIC	2.3	UG/L	RBTL
BARIUM	114	UG/L	RBTL
MANGANESE	127	UG/L	RBTL
MERCURY	0.23	UG/L	
SELENIUM	1.1	UG/L	
ZINC	91.5	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.16	MG/L	

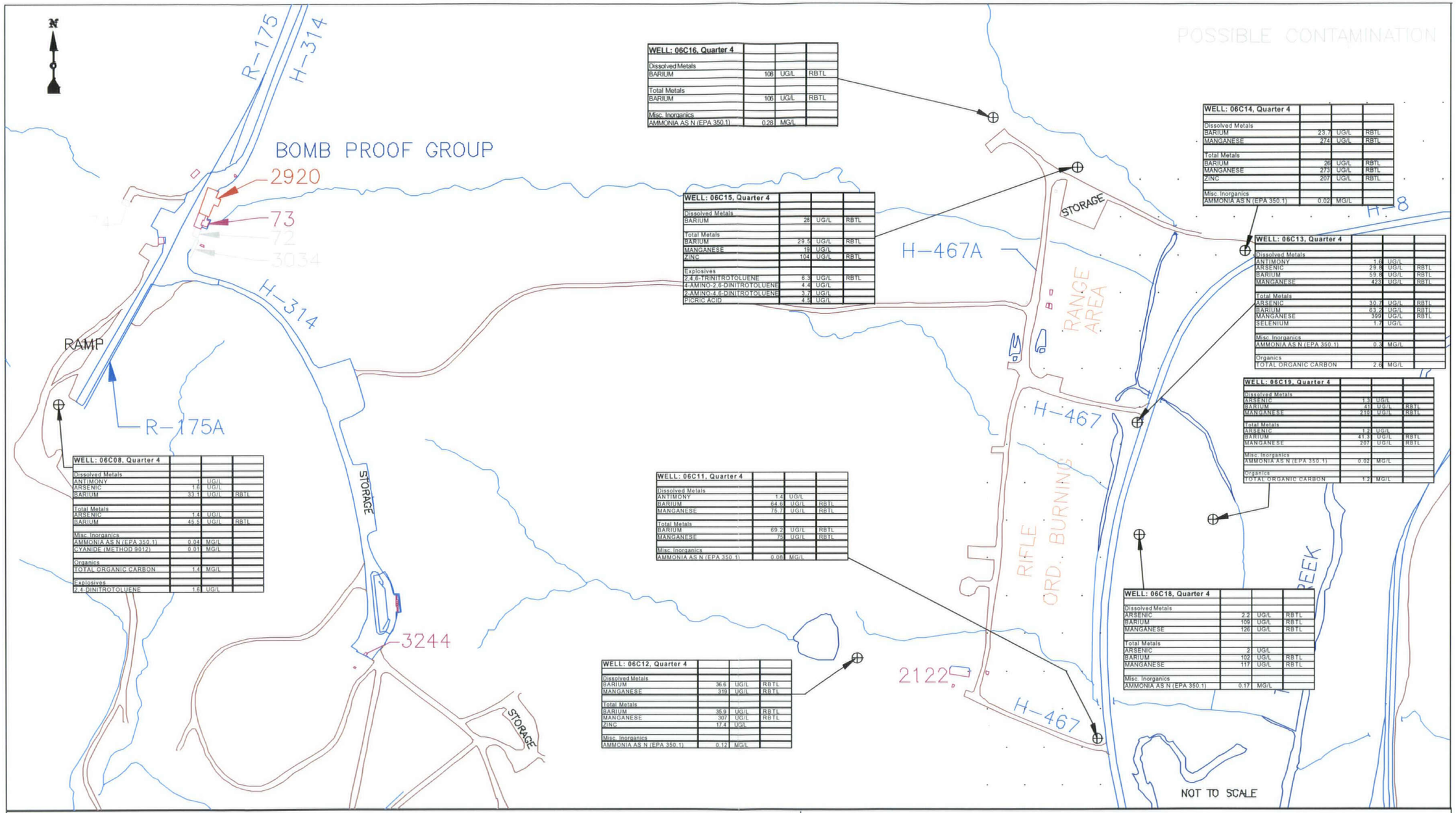
FIGURE 8.2.7
ORGANIC AND INORGANIC DETECTIONS
IN GROUND WATER

OLD RIFLE RANGE
3RD QUARTER, 2000
AQUIFER: BIG CLIFTY/BEECH CREEK

LEGEND

⊕ MONITORING WELL

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).



WELL: 06C16, Quarter 4			
Dissolved Metals			
BARIUM	106	UG/L	RBTL
Total Metals			
BARIUM	106	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.28	MG/L	

WELL: 06C15, Quarter 4			
Dissolved Metals			
BARIUM	28	UG/L	RBTL
Total Metals			
BARIUM	29.5	UG/L	RBTL
MANGANESE	19	UG/L	
ZINC	104	UG/L	RBTL
Explosives			
2,4,6-TRINITROTOLUENE	6.3	UG/L	RBTL
4-AMINO-2,6-DINITROTOLUENE	4.4	UG/L	
2-AMINO-4,6-DINITROTOLUENE	3.7	UG/L	
PICRIC ACID	4.8	UG/L	

WELL: 06C14, Quarter 4			
Dissolved Metals			
BARIUM	23.7	UG/L	RBTL
MANGANESE	274	UG/L	RBTL
Total Metals			
BARIUM	26	UG/L	RBTL
MANGANESE	273	UG/L	RBTL
ZINC	207	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.02	MG/L	

WELL: 06C13, Quarter 4			
Dissolved Metals			
ANTIMONY	1.6	UG/L	
ARSENIC	29.8	UG/L	RBTL
BARIUM	59.8	UG/L	RBTL
MANGANESE	423	UG/L	RBTL
Total Metals			
ARSENIC	30.7	UG/L	RBTL
BARIUM	63.2	UG/L	RBTL
MANGANESE	399	UG/L	RBTL
SELENIUM	1.7	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.3	MG/L	
Organics			
TOTAL ORGANIC CARBON	2.6	MG/L	

WELL: 06C19, Quarter 4			
Dissolved Metals			
ARSENIC	1.3	UG/L	
BARIUM	41	UG/L	RBTL
MANGANESE	210	UG/L	RBTL
Total Metals			
ARSENIC	1.2	UG/L	
BARIUM	41.3	UG/L	RBTL
MANGANESE	207	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.02	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.2	MG/L	

WELL: 06C08, Quarter 4			
Dissolved Metals			
ANTIMONY	1	UG/L	
ARSENIC	1.6	UG/L	
BARIUM	33.1	UG/L	RBTL
Total Metals			
ARSENIC	1.4	UG/L	
BARIUM	45.5	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.04	MG/L	
CYANIDE (METHOD 9012)	0.01	MG/L	
Organics			
TOTAL ORGANIC CARBON	1.4	MG/L	
Explosives			
2,4-DINITROTOLUENE	1.6	UG/L	

WELL: 06C11, Quarter 4			
Dissolved Metals			
ANTIMONY	1.4	UG/L	
BARIUM	64.6	UG/L	RBTL
MANGANESE	75.7	UG/L	RBTL
Total Metals			
BARIUM	69.2	UG/L	RBTL
MANGANESE	75	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.08	MG/L	

WELL: 06C18, Quarter 4			
Dissolved Metals			
ARSENIC	2.2	UG/L	RBTL
BARIUM	109	UG/L	RBTL
MANGANESE	126	UG/L	RBTL
Total Metals			
ARSENIC	2	UG/L	
BARIUM	102	UG/L	RBTL
MANGANESE	117	UG/L	RBTL
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.17	MG/L	

WELL: 06C12, Quarter 4			
Dissolved Metals			
BARIUM	36.6	UG/L	RBTL
MANGANESE	319	UG/L	RBTL
Total Metals			
BARIUM	35.9	UG/L	RBTL
MANGANESE	307	UG/L	RBTL
ZINC	17.4	UG/L	
Misc. Inorganics			
AMMONIA AS N (EPA 350.1)	0.12	MG/L	

FIGURE 8.2.8
ORGANIC AND INORGANIC DETECTIONS
IN GROUND WATER

OLD RIFLE RANGE
4TH QUARTER, 2000
AQUIFER: BIG CLIFTY/BEECH CREEK

LEGEND

⊕ MONITORING WELL

RBTL Concentration exceeds Risk Based Target Level (Table 1-3, QAPP).

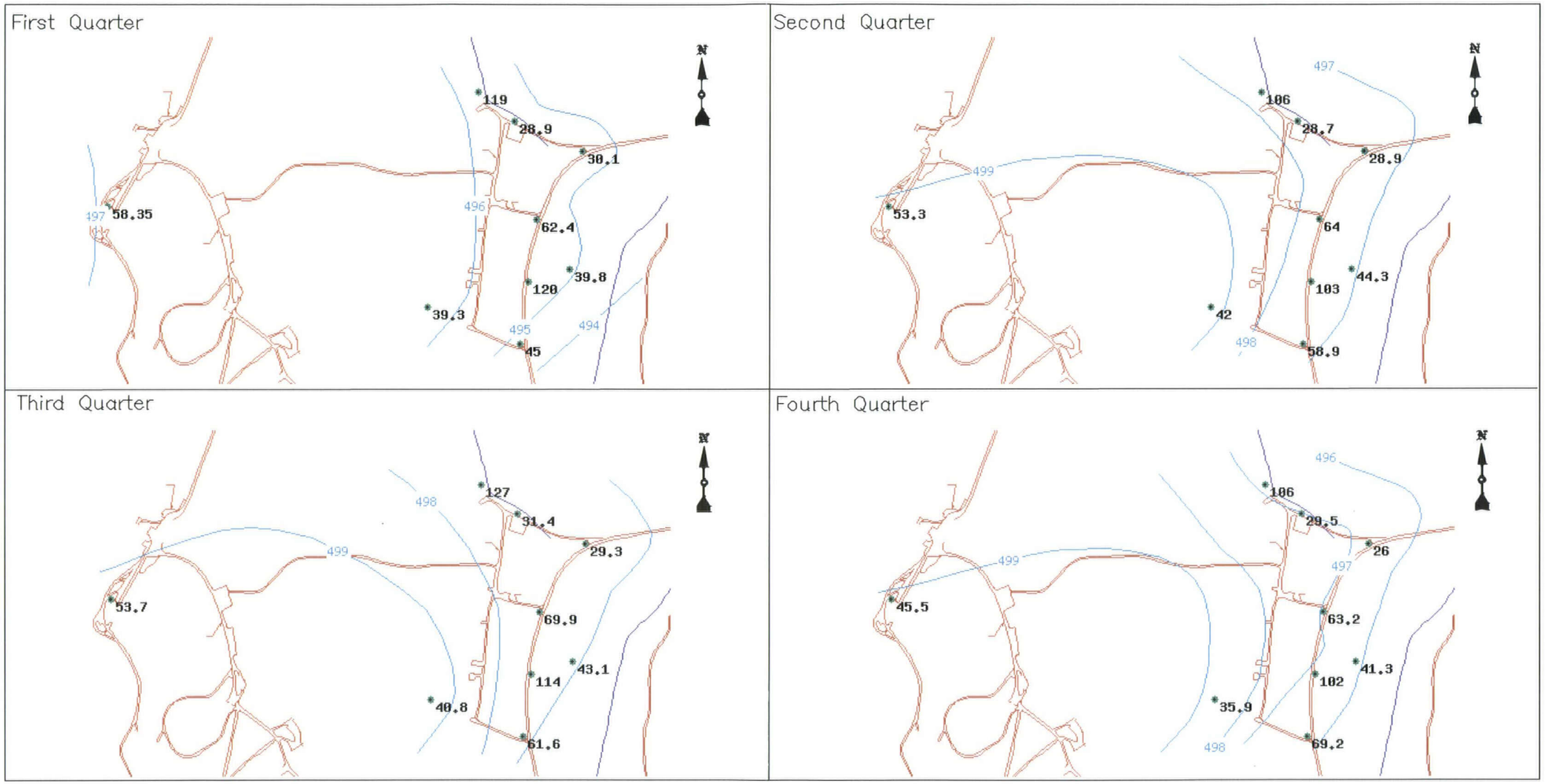


Figure 8.2.9. Quarterly Total Barium Concentrations in ORR Monitoring Wells.

Old Rifle Range
Aquifer: Big Clifty/Beech Creek
Year: 2000
Concentration Units: Micrograms per Liter
Risk-Based Target Level=3.9

Legend

- Detected Concentration
- Head Contours
- Monitoring Wells
- Streams
- Roads

0 0.06 0.12 0.18 0.24 mi

WHPA

Figure 8.2.10. Quarterly Total Barium Concentrations in ORR Monitoring Wells.

Old Rifle Range
Aquifer: Big Clifty Upper
Year: 2000
Concentration Units: Micrograms per Liter
Risk-Based Target Level=3.9

Legend

- Detected Concentration
- Head Contours
- Monitoring Wells
- Streams
- Roads

0 0.06 0.12 0.18 0.24 mi

WHPA

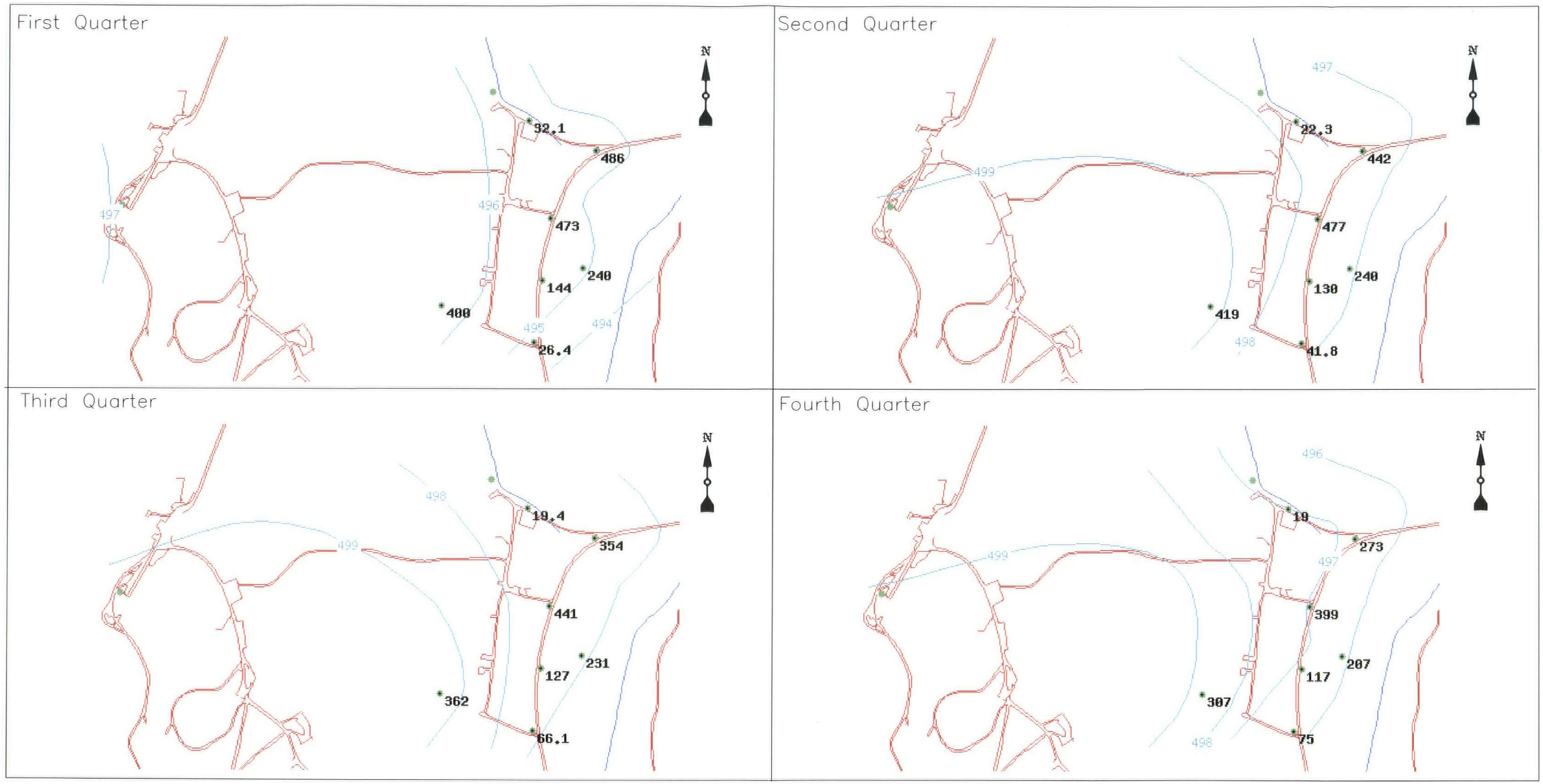


Figure 8.2.11. Quarterly Total Manganese Concentrations in ORR Monitoring Wells.

Old Rifle Range
Aquifer: Big Clifty/Beech Creek
Year: 2000

Concentration Units: Micrograms per Liter
Risk-Based Target Level=50

Legend

- Detected Concentration
- Head Contours
- Monitoring Wells
- Streams
- Roads

0 0.06 0.12 0.18 0.24 mi

WHPA

Figure 8.2.12. Quarterly Total Manganese Concentrations in ORR Monitoring Wells.

Old Rifle Range
Aquifer: Big Clifty Upper
Year: 2000
Concentration Units: Micrograms per Liter
Risk-Based Target Level=50

Legend

- Detected Concentration
- Head Contours
- Monitoring Wells
- Streams
- Roads

0 0.06 0.12 0.18 0.24 mi

WHPA

Figure 8.2.13. Quarterly Total Arsenic Concentrations in ORR Monitoring Wells.

Old Rifle Range
Aquifer: Big Clifty/Beech Creek
Year: 2000
Concentration Units: Micrograms per Liter
Risk-Based Target Level=2

Legend

- Detected Concentration
- Head Contours
- Monitoring Wells
- Streams
- Roads

0 0.06 0.12 0.18 0.24 mi

WHPA

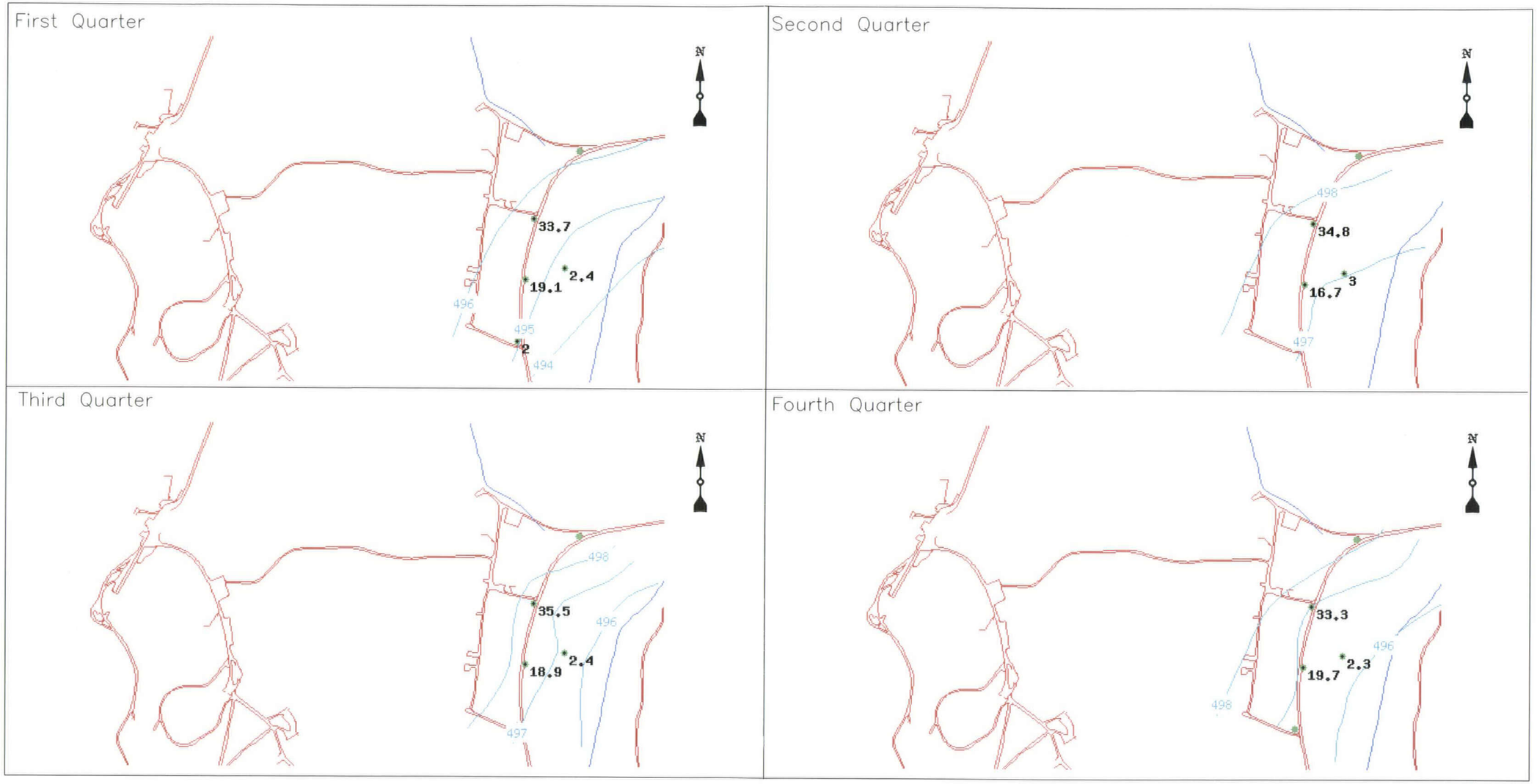


Figure 8.2.14. Quarterly Total Arsenic Concentrations in ORR Monitoring Wells.

Old Rifle Range
Aquifer: Big Clifty Upper
Year: 2000
Concentration Units: Micrograms per Liter
Risk-Based Target Level=2

Legend

- Detected Concentration
- Head Contours
- Monitoring Wells
- Streams
- Roads

0 0.06 0.12 0.18 0.24 mi

WHPA

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9.0

CONCLUSIONS

9.0 Conclusions

Results from the 2000 quarterly monitoring at the ABG generally agree with previous findings. Metals, explosives, and organic compounds were detected in the Beech Creek aquifer, often at concentrations above the respective RBTL. RBTLs were commonly exceeded in points of compliance wells. Barium, TCE, and RDX were the most frequently detected compounds at the site. TCE and RDX were both found at concentrations above the RBTL in multiple wells on the site. RDX was detected above the RBTL for every sampling round of both springs. HMX was detected frequently in onsite wells and in the springs, but at concentrations well below the RBTL. In addition to RDX and HMX, TNT, and a nitro-toluene daughter product of the explosives were also found exiting the site in Spring A.

Exceedance of an RBTL alone does not trigger action by 40 CFR 264 Subpart F. 40 CFR 264.91(a)(2) requires corrective action under 264.100 whenever an RBTL is exceeded at a POC *and* the concentration is statistically significant compared to background. Points of compliance define the edge of the monitoring zone as outlined in the GWMP. Statistical analysis revealed detections that were significantly higher than background concentrations in ABG POCs. Constituents that exceeded an RBTL and were statistically significant in one or more POCs include 1,3,5-Trinitrobenzene, RDX, barium, zinc, manganese, carbon tetrachloride, chloroform, cis-1,2-dichloroethene, and trichloroethene (TCE).

Barium and RDX were the two constituents with the highest number of significant exceedances in ABG POCs. All the other constituents listed above exceeded the RBTL and met the statistical threshold in no more than two POCs. RDX may pose the most serious potential problem of offsite migration at the ABG. RDX exceeded the concentration and statistical thresholds in six ABG POC wells as well as Spring A.

Barium exceeded both thresholds in five POC wells and both springs. The barium results may be due to natural or background conditions at the site. Results from the Basewide Background Soils Investigation (TtNUS, 2001) indicated that background samples were all greater than the SRBTL. However, comparisons of soil barium concentrations measured at the site with the Background Soils Investigation results shows that surface and subsurface soil concentrations at the site are generally greater than those found base wide.

Previous work at the ORR showed the persistence of TNT, RDX, and HMX. Detections of these parent compounds in 2000 were limited to TNT in only one well. Detection of explosives in 2000 was predominantly nitro-toluene daughter products in one well. Detected constituents at the ORR were predominantly metals. Elevated barium concentrations were ubiquitous in both well networks at the ORR. Similar to the ABG, the results may be due to natural or background conditions at the site. Other metals detected with some frequency at the ORR included manganese and arsenic.

Constituents that exceeded an RBTL and were statistically significant in one or more ORR POCs include arsenic, barium, cadmium, zinc, iron, and manganese. Barium and manganese were the constituents with the highest number of significant exceedances in ORR POCs. Barium and manganese both exceeded the RBTL and statistical threshold in

four POC wells and the downgradient well 06C19. All of the other metals listed above exceeded the RBTL and met the statistical threshold in no more than two POCs.