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

CY2004

NAVAL SURFACE WARFARE CENTER, CRANE DIVISION
CRANE, INDIANA

Report date: 29 September 2005
Binder 1 of 2

SAIC
From Science to Solutions™

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 2004 at the three Solid Waste Management Units (SWMUs) at NSWC Crane, Crane, Indiana.

The primary groundwater monitoring objectives for each of the three units were developed to meet the regulatory requirements described in 40 CFR 264 Subpart F. Three separate programs are defined including compliance monitoring (ABG, ORR), corrective action monitoring (ABG), and detection monitoring (DR). In order to achieve these regulatory objectives, supporting objectives must be achieved in certain areas. These include karst monitoring and natural attenuation monitoring at the ABG.

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, ORR, and DR

The following is a summary of the well locations for each site and the total number of samples taken at that site for CY2004. The total number of wells does not match the number of samples taken since the number of samples includes field duplicates and spring sampling sites. In addition, monitoring for natural attenuation was scheduled for only the first eight quarters of the sampling program 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. Those sample sites eliminated after eight quarters include 03B02, 03B04, 03C10, 03C11, 03C12, Little Sulphur Creek below Spring A, and Little Sulphur Creek at the Boundary (Creek B).

During 2004, sampling for explosives was resumed at Creek B at the request of the Environmental Protection Agency.

Quarter	Site	Number of Wells Sampled 2004	Total Samples Collected
First Quarter	ABG	15	17
First Quarter	DR	11	13
First Quarter	ORR	14	16
Second Quarter	ABG	15	17
Second Quarter	ORR	14	16
Third Quarter	ABG	16	18
Third Quarter	DR	11	13
Third Quarter	ORR	14	16
Fourth Quarter	ABG*	13	15
Fourth Quarter	ORR	14	16
Total ABG		59	67
Total DR		22	26
Total ORR		56	64
Total CY2004 Samples Collected		137	157

* Two wells and Creek B were inaccessible during this quarter.

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 Groundwater Elevations

Groundwater 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 2004			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
03C02P2	582.9	37.46	545.44
03C04	624.26	75.88	548.38
03C07	636.32	78.90	557.42
03C08P2	629.15	74.63	554.52
03C09P2	603.38	45.66	557.72
03C10	607.92	50.40	557.52
03C11	592.26	43.66	548.6
03C12	587.13	41.89	545.24
03C15	621.1	64.64	556.46
03C17	696.01	138.26	557.75
03C20	646.55	89.71	556.84
03C25	596.68	46.67	550.01
03C26	640.62	82.85	557.77
03C27	603.75	60.72	543.03
03C30	778.72	223.02	555.7

Table 2.1.2

ABG 2nd Quarter 2004			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
03C02P2	582.9	37.59	545.31
03C04	624.26	75.88	548.38
03C07	636.32	78.62	557.7
03C08P2	629.15	74.61	554.54
03C09P2	603.38	45.32	558.06
03C10	607.92	50.02	557.9
03C11	592.26	43.53	548.73
03C12	587.13	41.90	545.23
03C15	621.1	64.25	556.85
03C17	696.01	138.23	557.78
03C20	646.55	89.32	557.23
03C25	596.68	46.44	550.24
03C26	640.62	82.50	558.12
03C27	603.75	60.79	542.96
03C30	778.72	222.57	556.15

Table 2.1.3

ABG 3rd Quarter 2004			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
03C02P2	582.9	37.79	545.11
03C04	624.26	75.92	548.34
03C07	636.32	78.86	557.46
03C08P2	629.15	74.53	554.62
03C09P2	603.38	45.54	557.84
03C10	607.92	50.22	557.7
03C11	592.26	43.50	548.76
03C12	587.13	41.90	545.23
03C15	621.1	64.62	556.48
03C17	696.01	138.22	557.79
03C20	646.55	89.59	556.96
03C25	596.68	46.81	549.87
03C26	640.62	82.73	557.89
03C27	603.75	60.88	542.87
03C30	778.72	222.98	555.74

Table 2.1.4

ABG 4th Quarter 2004			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
03C02P2	582.9	37.32	545.58
03C04	624.26	75.96	548.3
03C07	636.32	78.10	558.22
03C08P2	629.15	74.26	554.89
03C09P2	603.38	45.53	557.85
03C10	607.92	50.19	557.73
03C11	592.26	43.20	549.06
03C12	587.13	41.85	545.28
03C15	621.1	64.62	556.48
03C17	696.01	137.96	558.05
03C20	646.55	89.2	557.35
03C25	596.68	46.82	549.86
03C26	640.62	82.39	558.23
03C27	603.75	60.62	543.13
03C30	778.72	222.76	555.96

Table 2.2.1

ORR 1st Quarter 2004			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C08	708.5	208.50	500
06C11	501.65	4.08	497.57
06C11P2	501.69	4.15	497.54
06C12	522.02	22.36	499.66
06C13	506.97	9.06	497.91
06C13P2	506.75	8.80	497.95
06C14	509.77	11.83	497.94
06C14P2	509.73	10.76	498.97
06C15	513.19	15.29	497.9
06C16	532.26	34.33	497.93
06C18	507.08	9.24	497.84
06C18P2	507.09	9.32	497.77
06C19	504.12	6.53	497.59
06C19P2	503.87	6.48	497.39

Table 2.2.2

ORR 2nd Quarter 2004			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C08	708.5	208.63	499.87
06C11	501.65	3.86	497.79
06C11P2	501.69	3.91	497.78
06C12	522.02	22.07	499.95
06C13	506.97	8.85	498.12
06C13P2	506.75	8.62	498.13
06C14	509.77	11.57	498.2
06C14P2	509.73	10.36	499.37
06C15	513.19	15.06	498.13
06C16	532.26	34.11	498.15
06C18	507.08	9.01	498.07
06C18P2	507.09	9.16	497.93
06C19	504.12	6.30	497.82
06C19P2	503.87	6.29	497.58

Table 2.2.3

ORR 3rd Quarter 2004			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C08	708.5	208.79	499.71
06C11	501.65	4.69	496.96
06C11P2	501.69	4.85	496.84
06C12	522.02	23.00	499.02
06C13	506.97	9.63	497.34
06C13P2	506.75	9.37	497.38
06C14	509.77	13.38	496.39
06C14P2	509.73	11.05	498.68
06C15	513.19	15.85	497.34
06C16	532.26	34.90	497.36
06C18	507.08	9.80	497.28
06C18P2	507.09	9.98	497.11
06C19	504.12	7.07	497.05
06C19P2	503.87	7.13	496.74

Table 2.2.4

ORR 4th Quarter 2004			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C08	708.5	211.61	496.89
06C11	501.65	7.36	494.29
06C11P2	501.69	7.75	493.94
06C12	522.02	26.10	495.92
06C13	506.97	12.34	494.63
06C13P2	506.75	12.12	494.63
06C14	509.77	13.08	496.69
06C14P2	509.73	13.78	495.95
06C15	513.19	18.56	494.63
06C16	532.26	37.62	494.64
06C18	507.08	12.52	494.56
06C18P2	507.09	12.73	494.36
06C19	504.12	9.69	494.43
06C19P2	503.87	9.72	494.15

Table 2.3.1

DR 1st Quarter 2004			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C02	512.89	15.11	497.78
06C03	506.71	12.82	493.89
06C03P2	506.84	0.85	505.99
06C04	519.51	27.15	492.36
06C04P2	519.54	18.56	500.98
06C05	506.23	15.63	490.60
06C06	511.45	19.04	492.41
06C06P2	511.38	4.86	506.52
06C07	512.53	18.75	493.78
06C08	708.5	209.10	499.40
06C08P2	708.43	67.41	641.02

Table 2.3.2

DR 3rd Quarter 2003			
Well ID	Top of Casing Elevation	Static Water Level	Groundwater Elevation
06C02	512.89	9.69	503.2
06C03	506.71	14.51	492.2
06C03P2	506.84	2.24	504.6
06C04	519.51	29.01	490.5
06C04P2	519.54	20.09	499.45
06C05	506.23	17.32	488.91
06C06	511.45	20.28	491.17
06C06P2	511.38	8.00	503.38
06C07	512.53	20.05	492.48
06C08	708.5	208.80	499.7
06C08P2	708.43	68.79	639.64

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
AMMUNITION BURNING GROUND
FIRST QUARTER, 2004
AQUIFER: BEECH CREEK
CONTOURED WATER LEVEL

N

0 370 740 1,480 Feet

CONTOUR
INTERVAL: 2 FOOT

Legend

⊕ ABG Monitoring Wells

——— ORR_BCBC_contour

15 July 2005

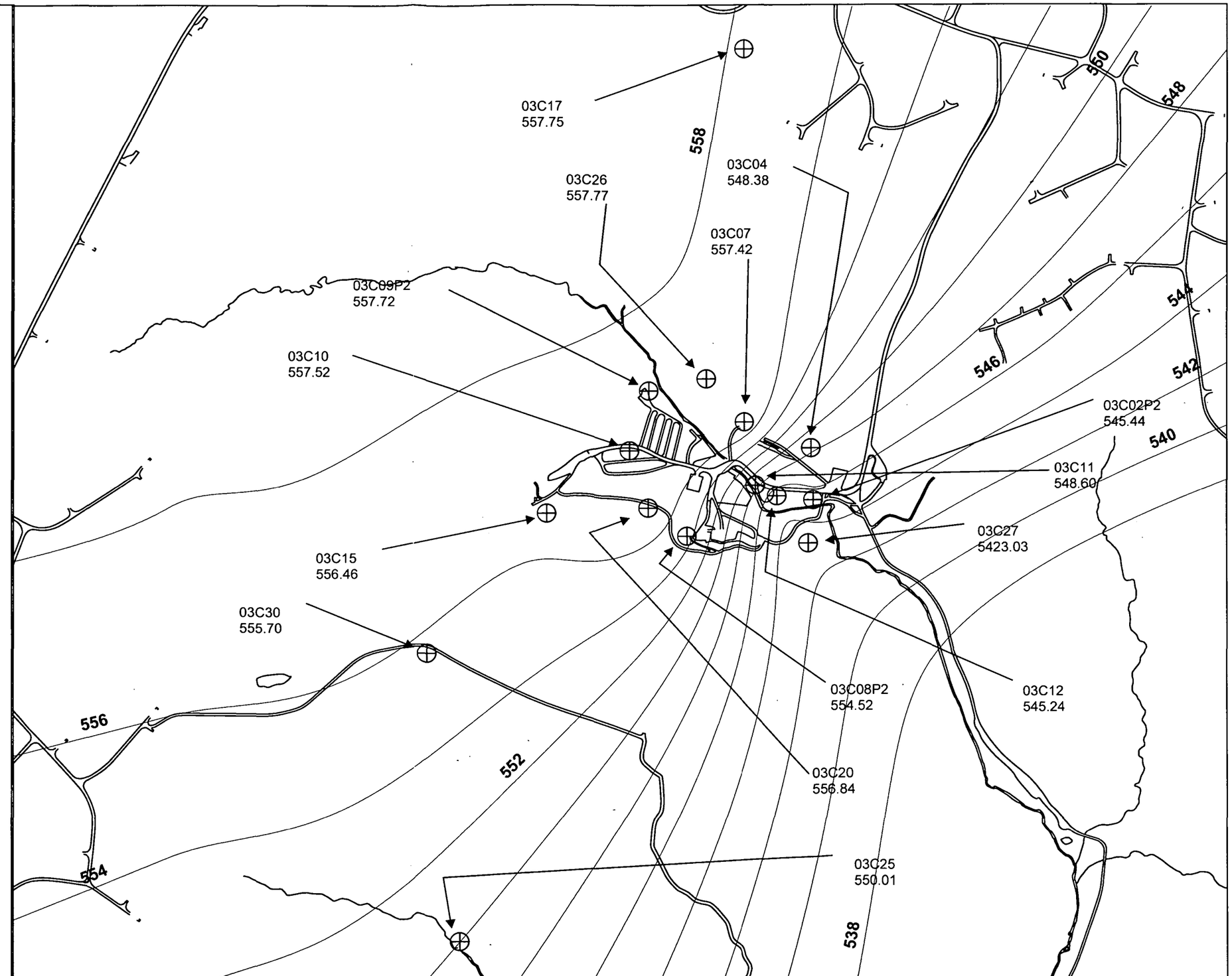


FIGURE 3.1.2
AMMUNITION BURNING GROUND
SECOND QUARTER, 2004
AQUIFER: BEECH CREEK
CONTOURED WATER LEVEL

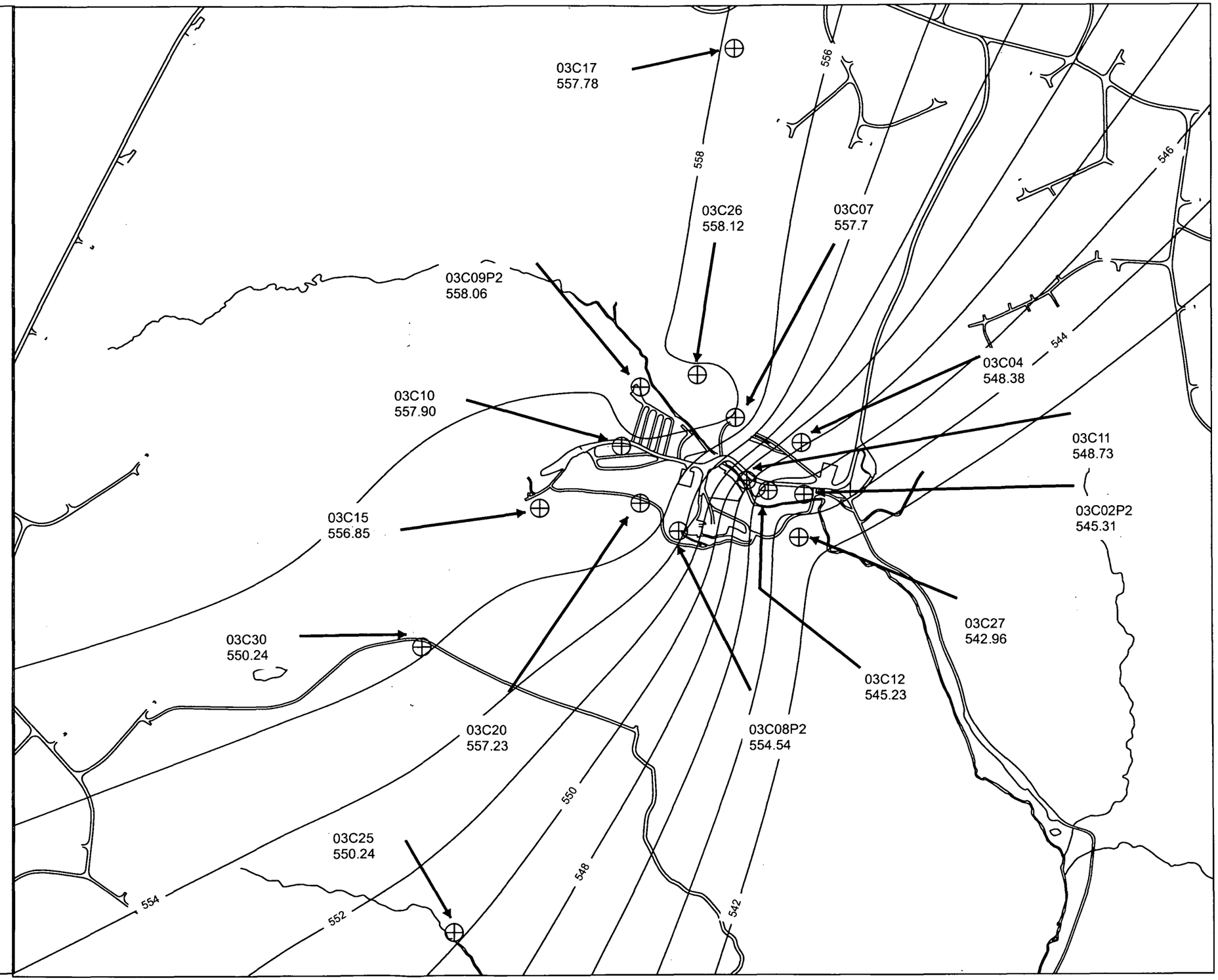


FIGURE 3.1.3
AMMUNITION BURNING GROUND
THIRD QUARTER, 2004
AQUIFER: BEECH CREEK
CONTOURED WATER LEVEL

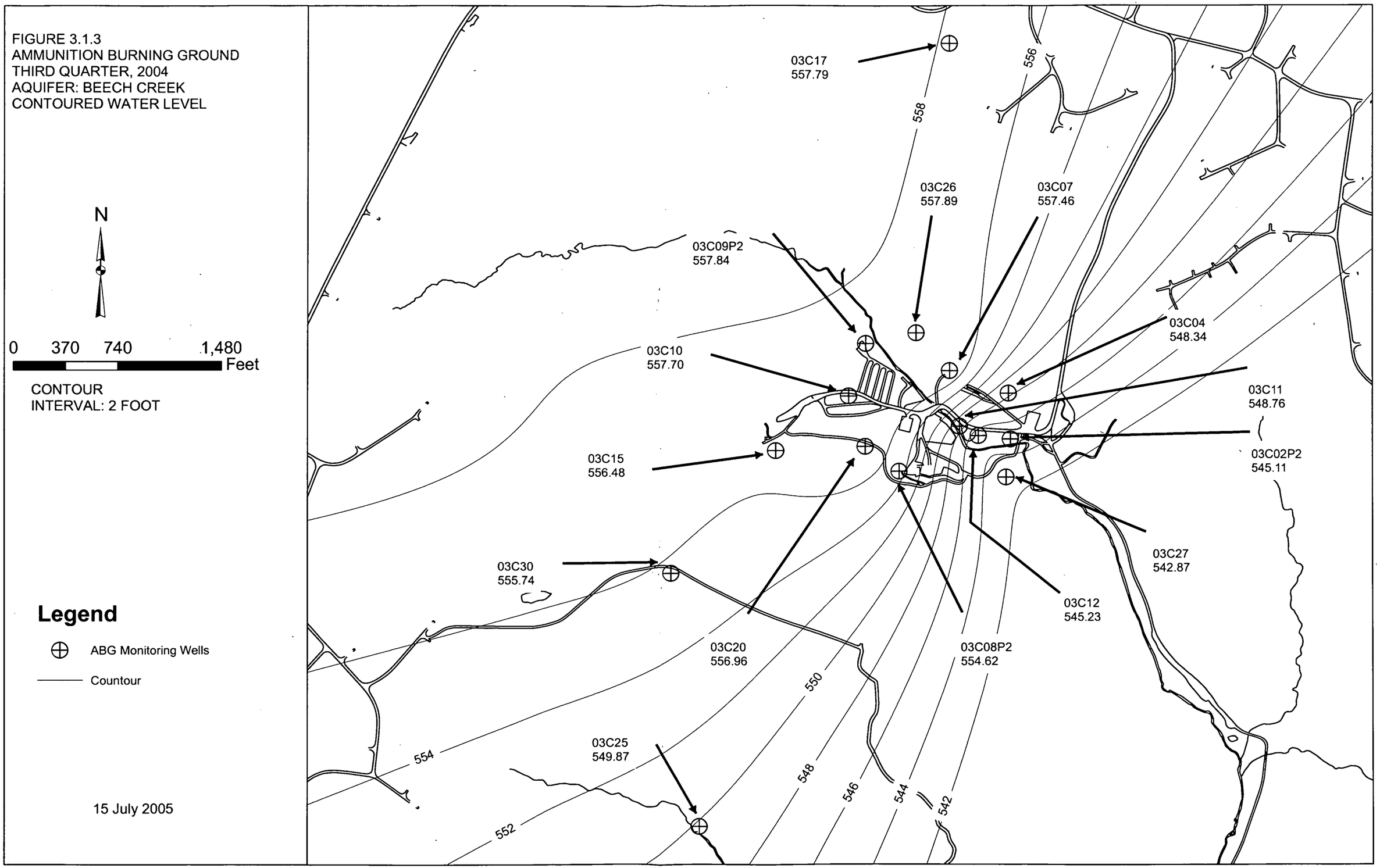
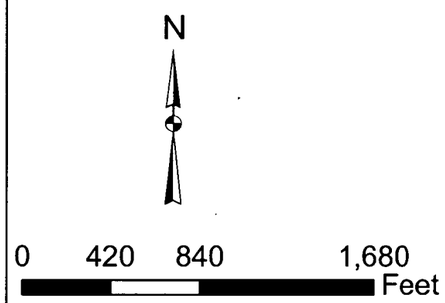
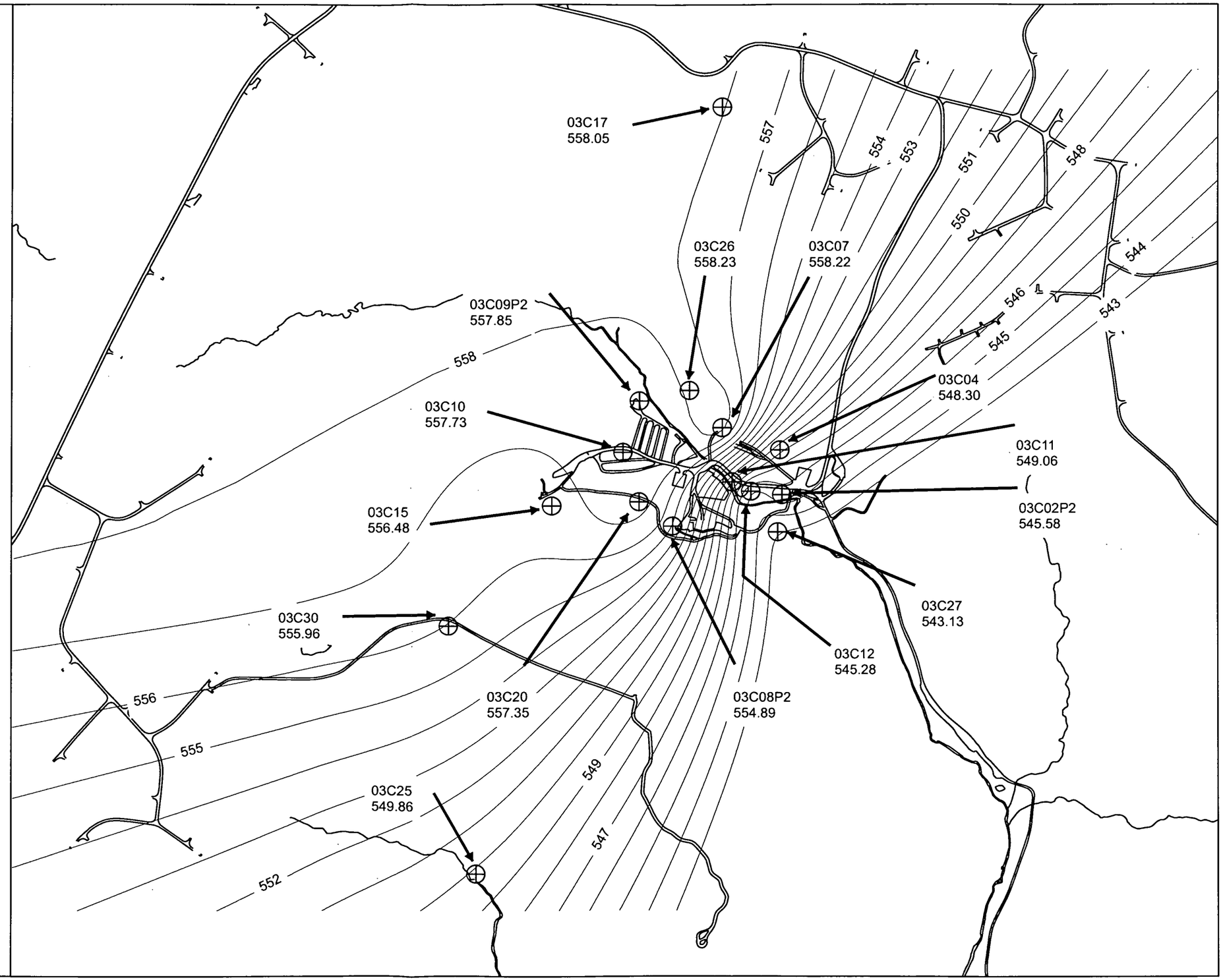


FIGURE 3.1.4
AMMUNITION BURNING GROUND
FOURTH QUARTER, 2004
AQUIFER: BEECH CREEK
CONTOURED WATER LEVEL



CONTOUR
INTERVAL: 1 FOOT



Legend

⊕ ABG Monitoring Wells

——— ABG Contour

15 July 2005

FIGURE 3.2.1
OLD RIFLE RANGE
FIRST QUARTER, 2004
AQUIFER: UPPER BIG CLIFTY
CONTOURED WATER LEVEL

N

0 90 180 360 Feet

CONTOUR
INTERVAL: 1FOOT

Legend

15 July 2005

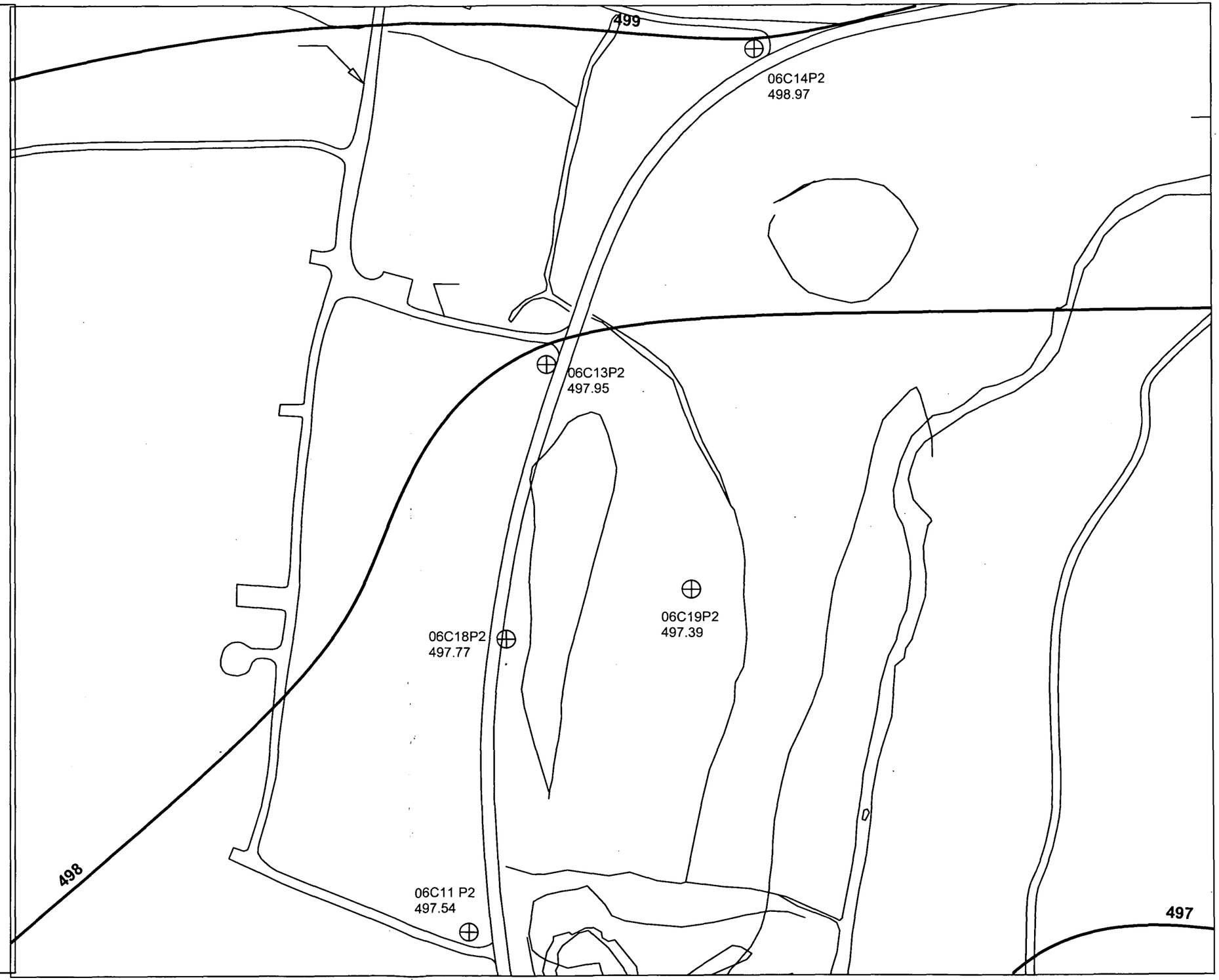
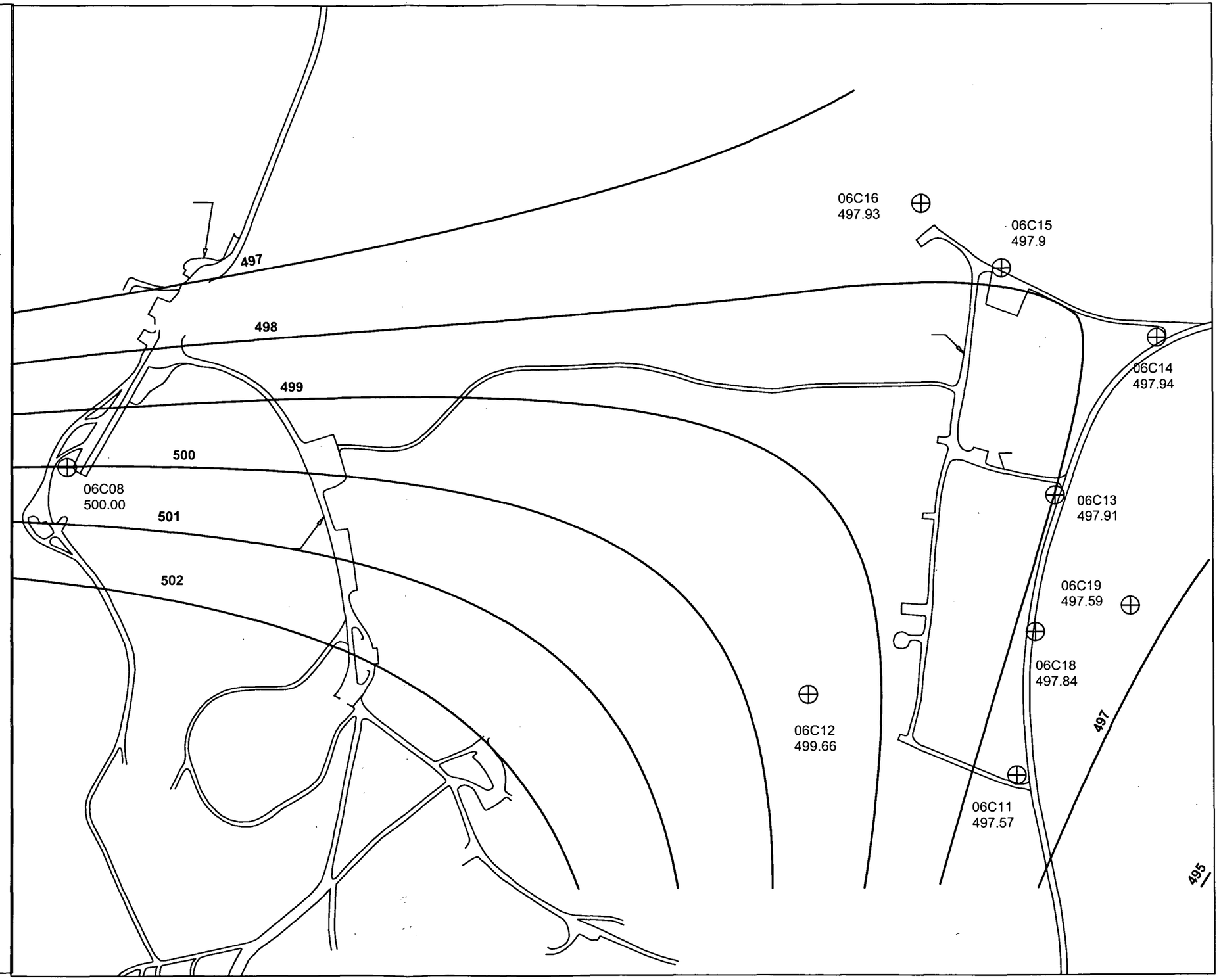
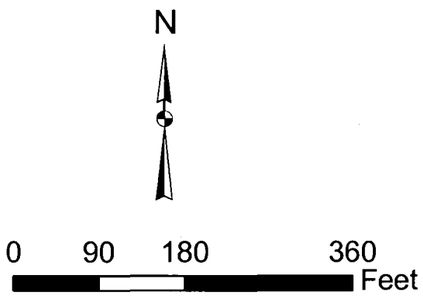


FIGURE 3.2.2
OLD RIFLE RANGE
FIRST QUARTER, 2004
AQUIFER: BIG CLIFTY/BEECH CREEK
CONTOURED WATER LEVEL

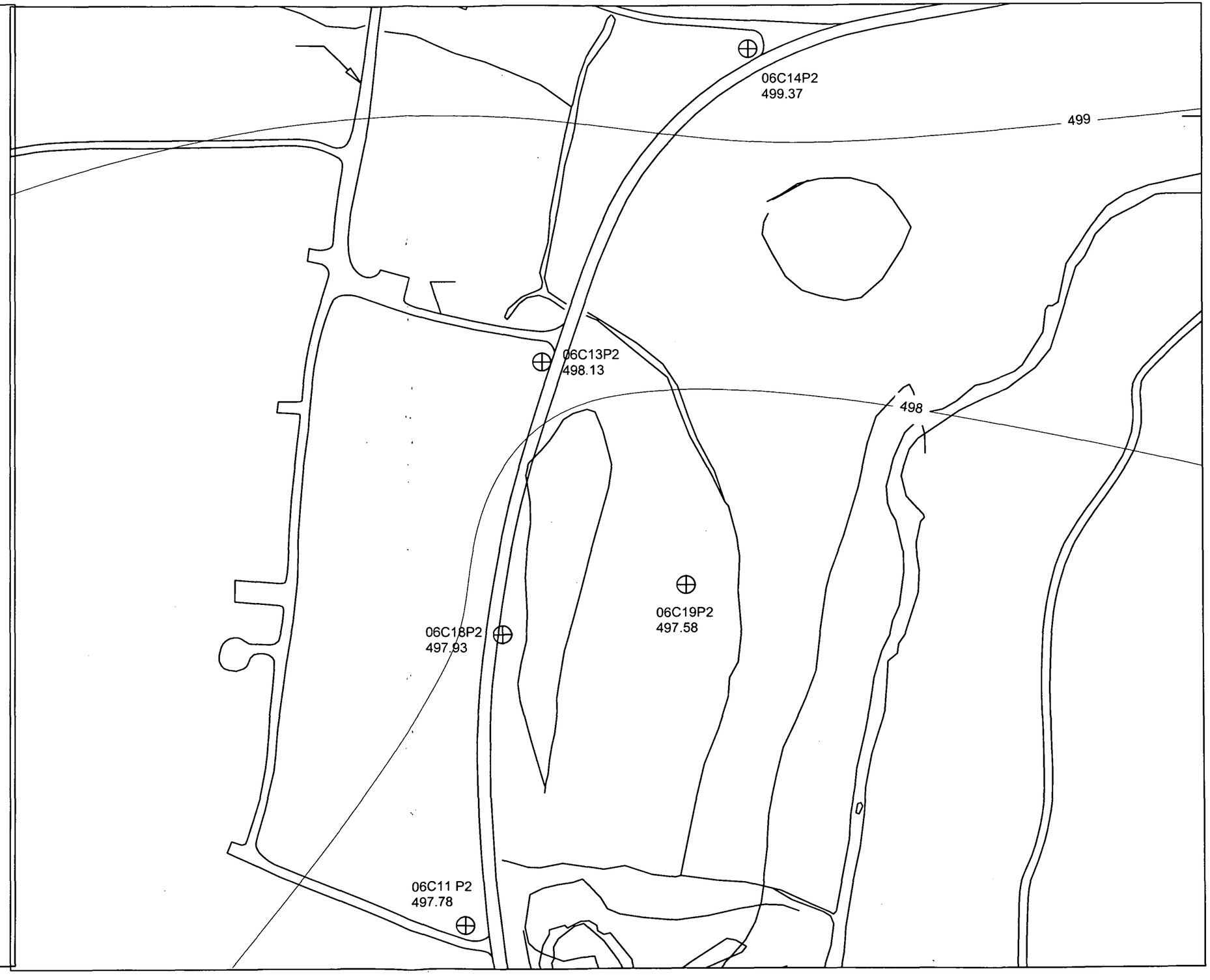


15 July 2005

FIGURE 3.2.3
OLD RIFLE RANGE
SECOND QUARTER, 2004
AQUIFER: UPPER BIG CLIFTY
CONTOURED WATER LEVEL



CONTOUR
INTERVAL: 1FOOT



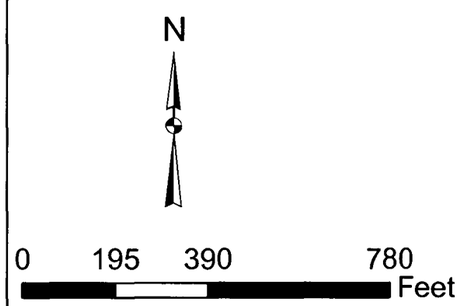
Legend

ORR Monitoring Wells

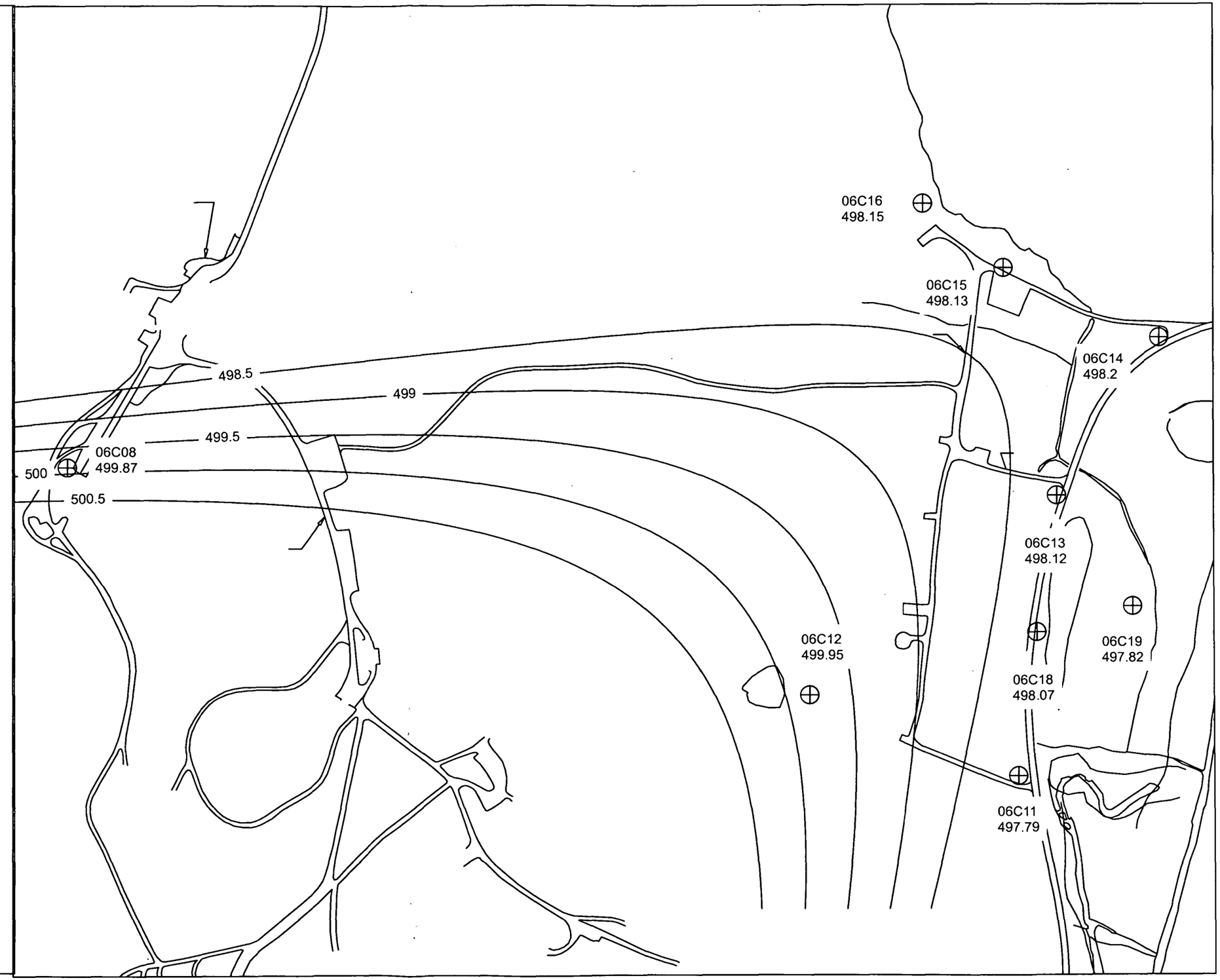
ORR Contour

15 July 2005

FIGURE 3.2.4
OLD RIFLE RANGE
SECOND QUARTER, 2004
AQUIFER: BIG CLIFTY/BEECH CREEK
CONTOURED WATER LEVEL



CONTOUR
INTERVAL: 0.5 FOOT



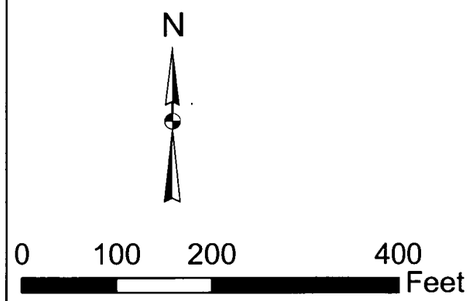
Legend

⊕ ORR Monitoring Wells

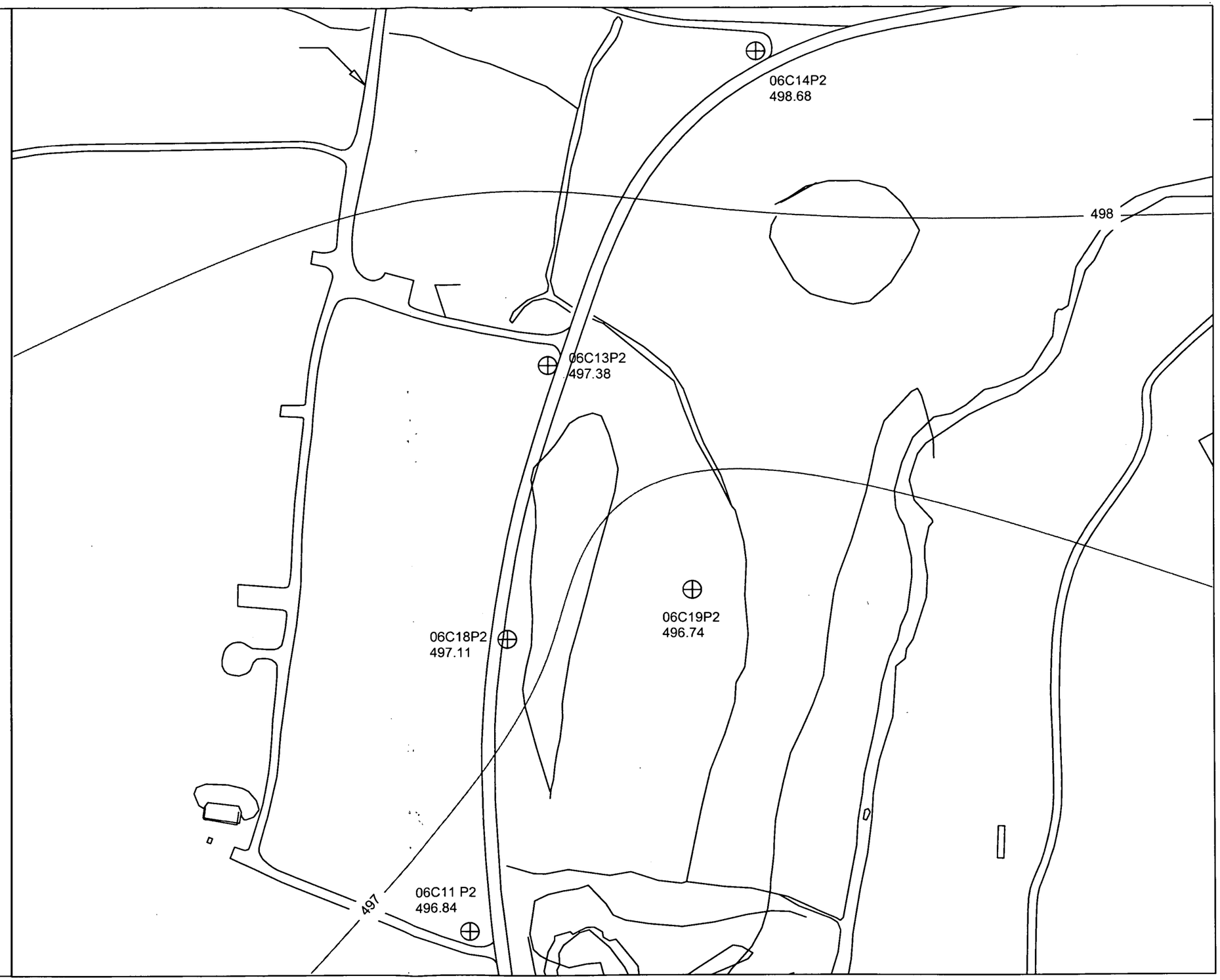
——— Water contours

15 June 2005

FIGURE 3.2.5
OLD RIFLE RANGE
THIRD QUARTER, 2004
AQUIFER: UPPER BIG CLIFTY
CONTOURED WATER LEVEL



CONTOUR
INTERVAL: 1FOOT



Legend

ORR Monitoring Wells

Water Contour

15 June 2005

FIGURE 3.2.6
OLD RIFLE RANGE
THIRD QUARTER, 2004
AQUIFER: BIG CLIFTY/BEECH CREEK
CONTOURED WATER LEVEL

N

0 205 410 820 Feet

CONTOUR
INTERVAL: 1 FOOT

Legend

⊕ ORR Monitoring Wells

——— Water Contour

15 June 2005

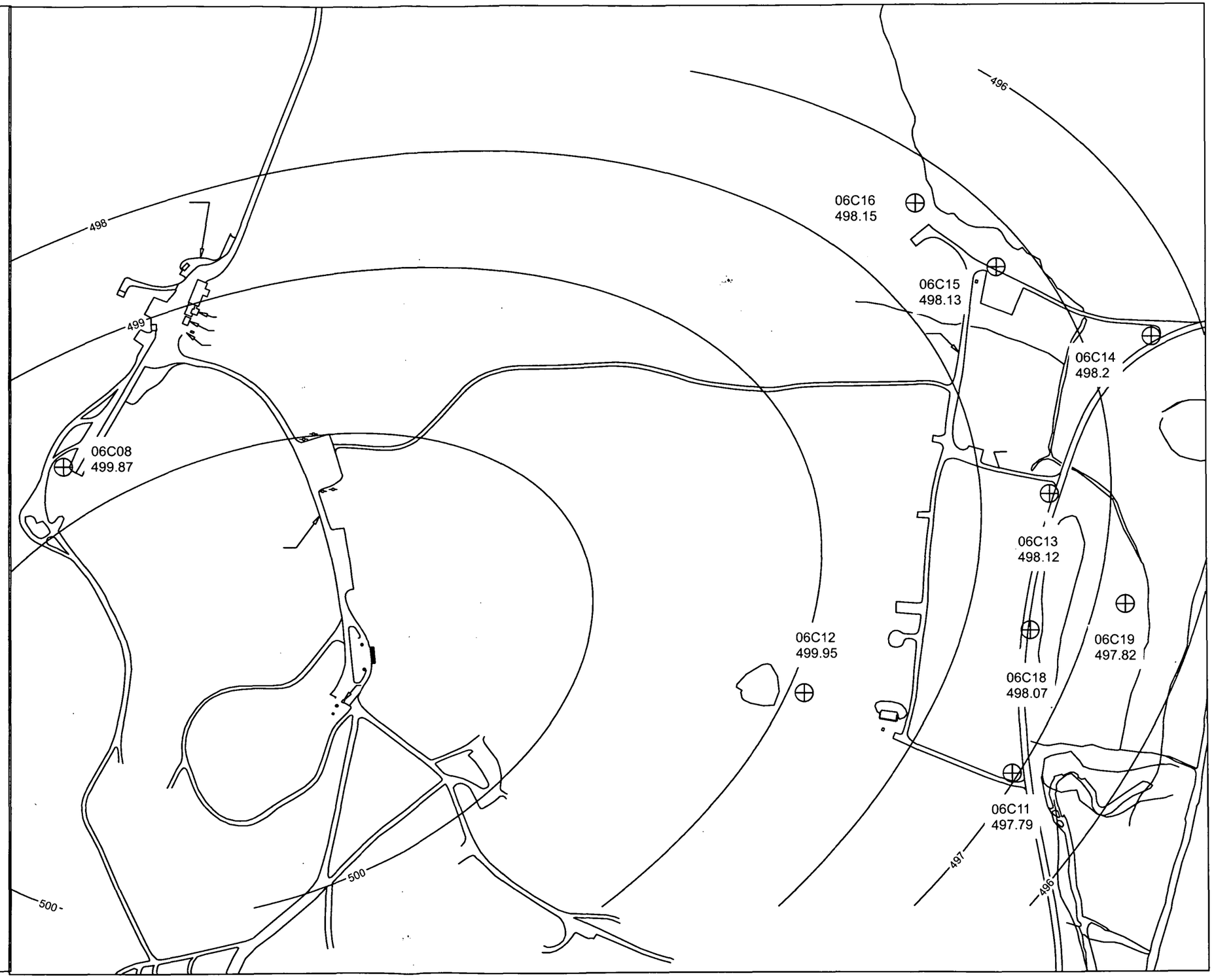


FIGURE 3.2.7
OLD RIFLE RANGE
FOURTH QUARTER, 2004
AQUIFER: UPPER BIG CLIFTY
CONTOURED WATER LEVEL

FIGURE 3.2.8
OLD RIFLE RANGE
FOURTH QUARTER, 2004
AQUIFER: BIG CLIFTY/BEECH CREEK
CONTOURED WATER LEVEL

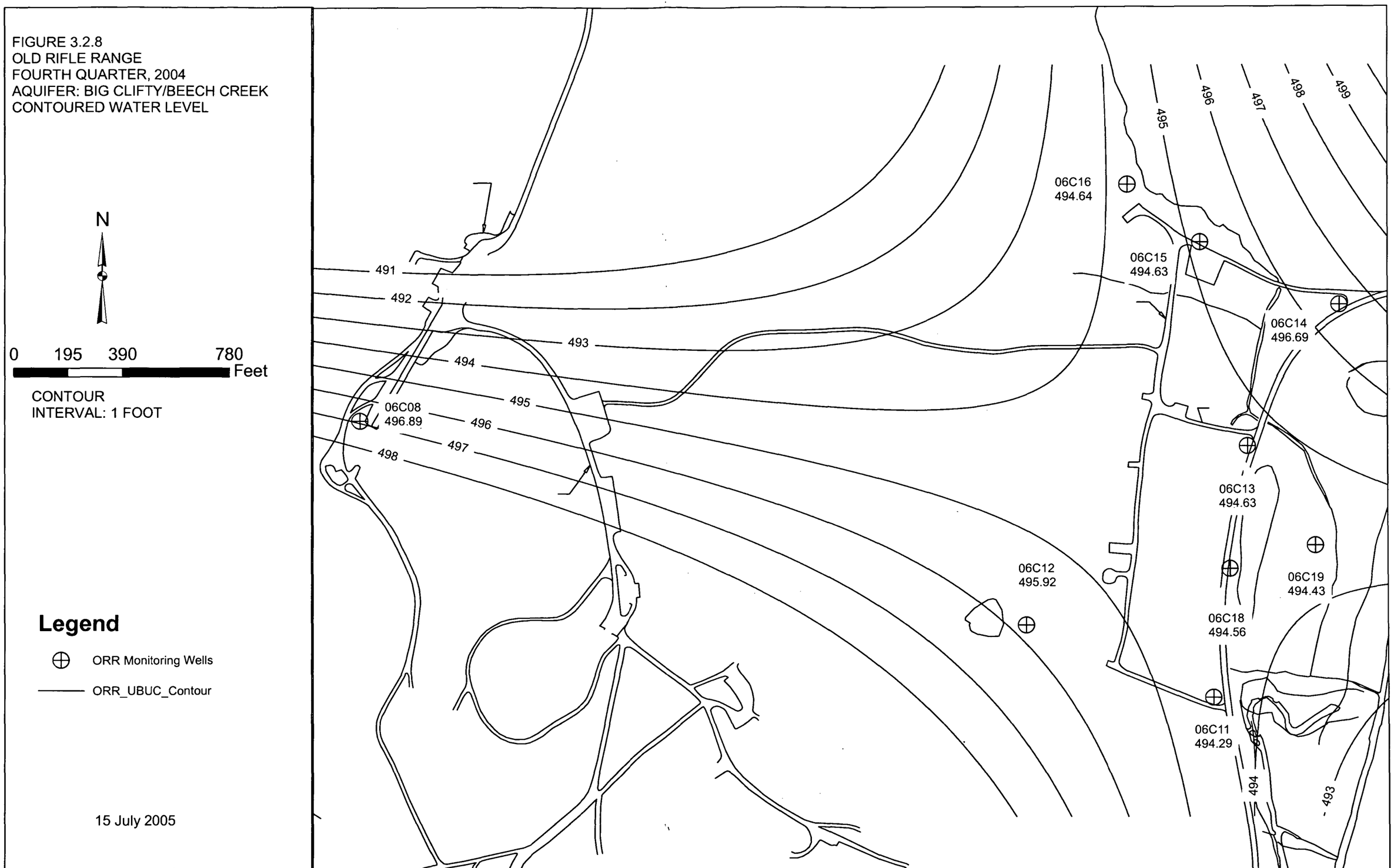


FIGURE 3.3.1
DEMOLITION RANGE
FIRST QUARTER, 2004
AQUIFER: BEECH CREEK
CONTOURED WATER LEVEL

N

0 375 750 1,500 Feet

CONTOUR
INTERVAL: 1FOOT

Legend

15 July 2005

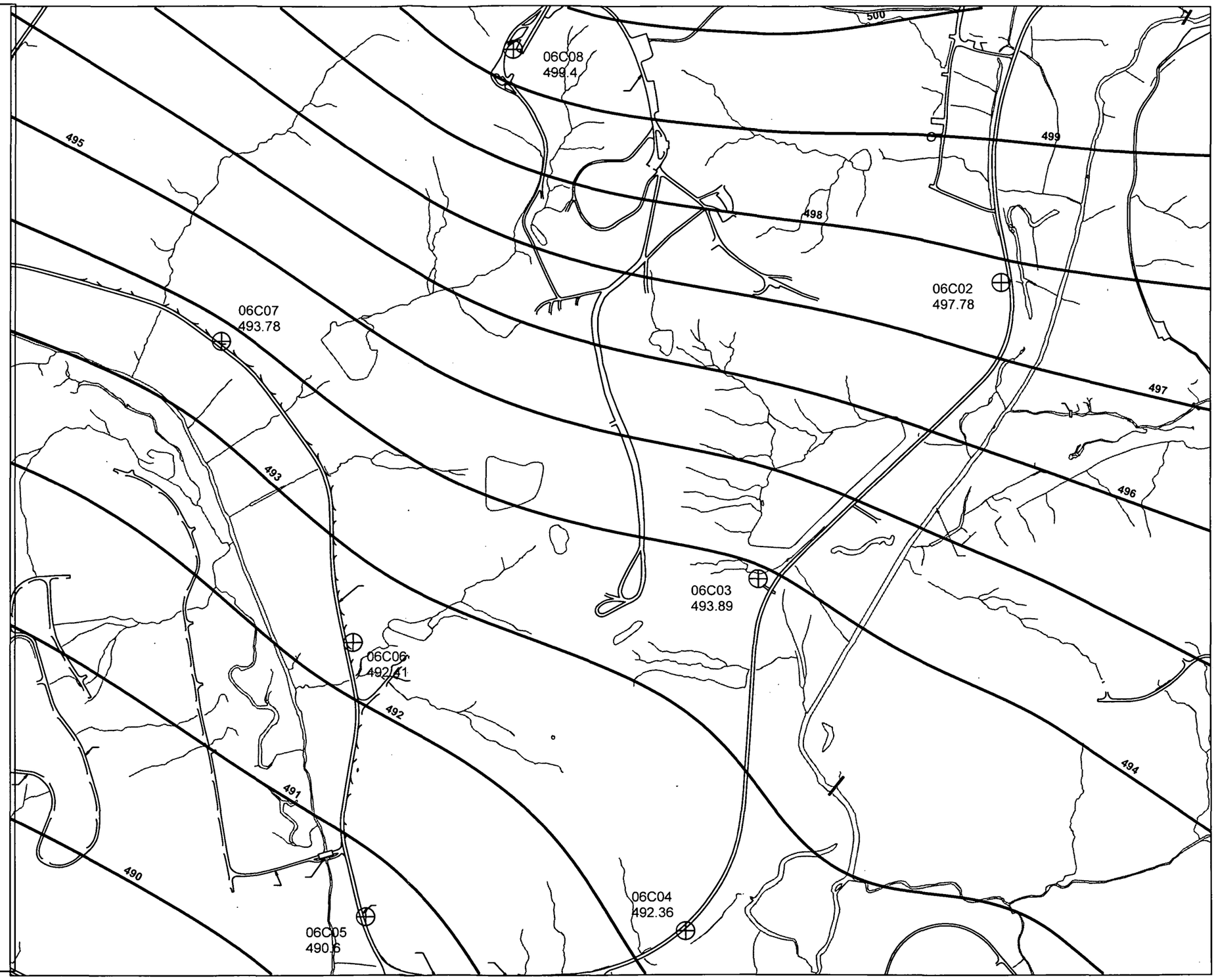
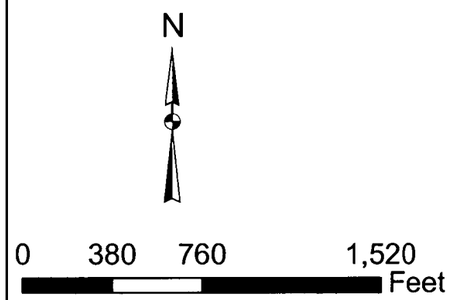
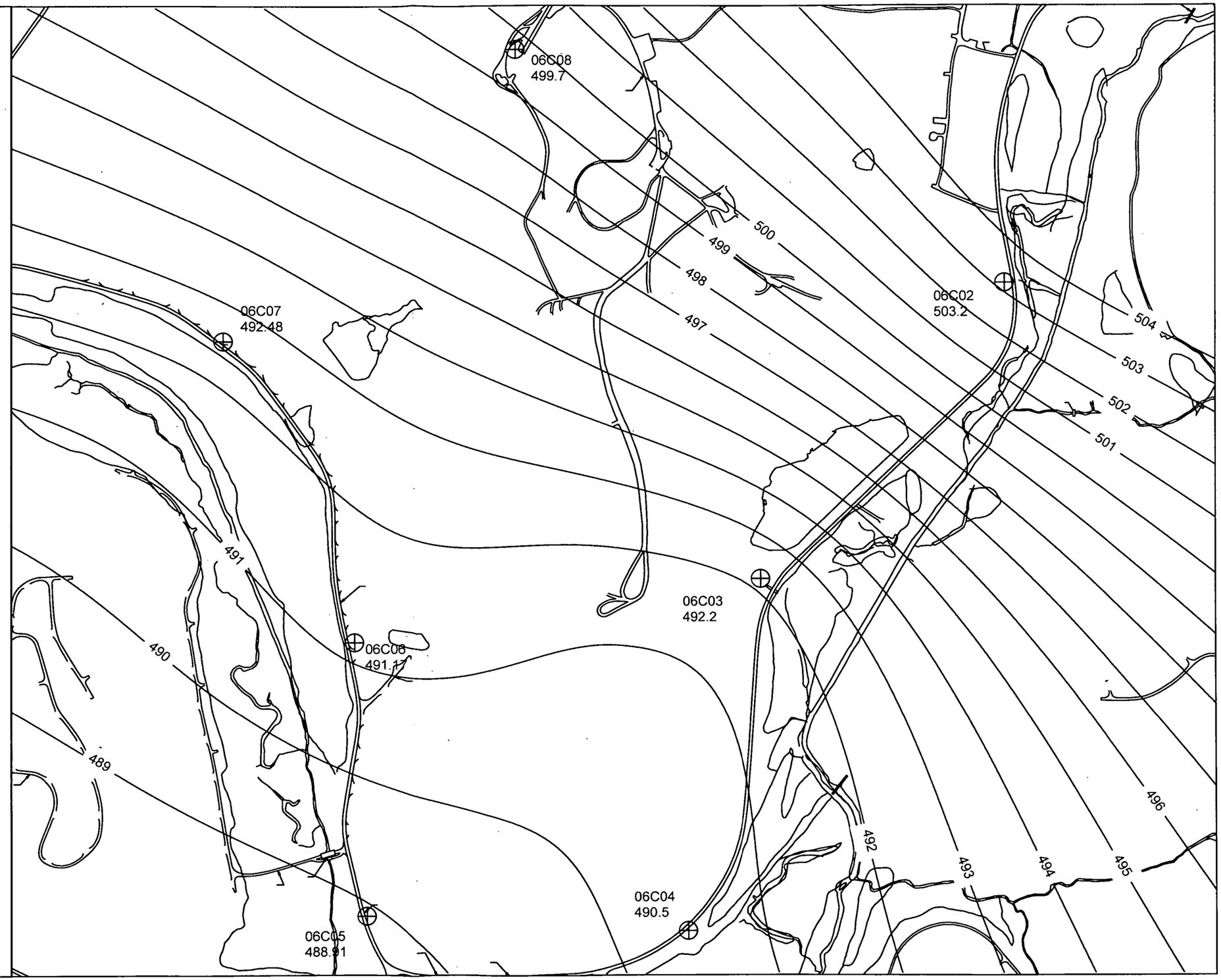


FIGURE 3.3.2
DEMOLITION RANGE
THIRD QUARTER, 2004
AQUIFER: BEECH CREEK
CONTOURED WATER LEVEL



CONTOUR
INTERVAL: 1FOOT



Legend

wetlands

Water Contour

15 July 2005

4.0

GROUNDWATER FLOW CONDITIONS

4.0 Groundwater Flow Conditions

Introduction

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

Ammunition Burning Grounds

Groundwater 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. Groundwater 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). Groundwater 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 groundwater 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 groundwater from the Beech Creek aquifer. According to Murphy (1994), the travel time for groundwater 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 groundwater from the Beech Creek aquifer only during high flow conditions (Murphy, 1994).

Tetra Tech NUS, Inc. (2002) completed a RCRA facility investigation (RFI) along the Old Jeep Trail from June through September 1991. The study examined 16 wells along the Old Jeep Trail. They produced a groundwater flow map that showed local components of flow to the north and northeast along the Old Jeep Trail, which was contradictory to the known general flow direction of east, then south. This led to additional dye tracer tests performed by Indiana University Hydrogeology Laboratory (Jock and Krothe, 2002). They determined that although there is a localized, microflow component to the north and northeast, that the flow of groundwater does turn east and then south, and discharges at Spring C. In addition, they showed that well 24,

southeast of the ABG, is directly related to Spring C, and that the swallow hole at the ABG is connected only to Springs A and A'.

Old Rifle Range and Demolition Range

Groundwater 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, groundwater 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. Groundwater 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. Groundwater 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 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, as well as 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. Please note that at the Ammunition Burning Grounds, monitoring for natural attenuation was scheduled for only the first eight quarters of the sampling program 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. Those sample sites eliminated after eight quarters of sampling include 03B02, 03B04, 03C10, 03C11, 03C12, Little Sulphur Creek below Spring A, and Little Sulphur Creek at the Boundary (Creek B).

TABLE 6.1.1
SUMMARY OF PARAMETERS ANALYZED
FIRST QUARTER 2004 MONITORING EVENT
AMMUNITION BURNING GROUNDS

Location	03C02P2	03C03	03C04	03C07	03C08P2	03C09P2	03C09P2	03C15	03C17	03C20	03C25	03C26	03C27	03C30	SPRING A	SPRING C	SPRING C
Aquifer	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			
Matrix	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW			
Sample Number	AC02P21A04	AC031A04	AC041A04	AC071A04	AC08P21A04	AC09P21A04	FD03080401	AC151A03	AC171A04	AC201A04	AC251A04	AC261A04	AC271A04	AC301A04	ASPA1A04	ASPC1A04	FD03030401
SA Code	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	MS/MSD	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE
Sample Date	2/27/2004	3/5/2004	3/2/2004 - 3/5/2004	3/12/2004	3/10/2004	3/8/2004	3/8/2004	3/17/2004	3/11/2004	3/9/2004	2/26/2004	3/2/2004	3/15/2004	3/15/2004	3/16/2004	3/3/2004	3/3/2004
VOLATILE ORGANIC COMPOUNDS (ug/l)																	
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	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	16.00000	0.50000 U	0.50000 U	0.50000 U	0.50000 U	85.00000	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	6.00000	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
TRICHLOROETHENE	15.00000	0.50000 U	0.50000 U	5.20000	54.00000	110.00000 D	110.00000 D	0.50000 U	0.50000 U	1400.00000 D	0.50000 U	3.40000	3.50000	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	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
ENERGETICS (ug/l)																	
1,3,5-TRINITROBENZENE	0.51999 U	0.56999 U	0.56000 U	0.47999 U	0.54000 U	0.52999 U	0.54000 U	0.51999 U	0.52999 U	6.80000	0.49000 U	0.52999 U	0.50999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
1,3-DINITROBENZENE	0.51999 U	0.56999 U	0.56000 U	0.47999 U	0.54000 U	0.52999 U	0.54000 U	0.51999 U	0.52999 U	0.54000 U	0.49000 U	0.52999 U	0.50999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
2,4,6-TRINITROTOLUENE	0.51999 U	0.56999 U	0.56000 U	0.47999 U	0.54000 U	0.52999 U	0.54000 U	0.51999 U	0.52999 U	0.93000	0.49000 U	0.52999 U	0.50999 U	0.54000 U	1.40000	0.52999 U	0.52999 U
2,4-DINITROTOLUENE	0.51999 U	0.56999 U	0.56000 U	0.47999 U	0.54000 U	0.52999 U	0.54000 U	0.51999 U	0.52999 U	0.54000 U	0.49000 U	0.52999 U	0.50999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
2,6-DINITROTOLUENE	0.51999 U	0.56999 U	0.56000 U	0.47999 U	0.54000 U	0.62000	0.63999	0.51999 U	0.52999 U	0.54000 U	0.49000 U	0.52999 U	0.50999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
2-AMINO-4,6-DINITROTOLUENE	0.51999 U	0.56999 U	0.56000 U	0.47999 U	2.40000	0.52999 U	0.54000 U	0.51999 U	0.52999 U	13.00000 P	0.49000 U	0.52999 U	0.50999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
2-NITROTOLUENE	0.51999 U	0.56999 U	0.56000 U	0.47999 U	0.54000 U	0.52999 U	0.54000 U	0.51999 U	0.52999 U	0.54000 U	0.49000 U	0.52999 U	0.50999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
3-NITROTOLUENE	0.51999 U	0.56999 U	0.56000 U	0.47999 U	0.54000 U	0.52999 U	0.54000 U	0.51999 U	0.52999 U	0.54000 U	0.49000 U	0.52999 U	0.50999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
4-AMINO-2,6-DINITROTOLUENE	0.51999 U	0.56999 U	0.56000 U	0.54000	3.30000	0.52999 U	0.54000 U	0.51999 U	0.52999 U	16.00000	0.49000 U	0.52999 U	0.50999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
4-NITROTOLUENE	0.51999 U	0.56999 U	0.56000 U	0.47999 U	0.54000 U	0.52999 U	0.54000 U	0.51999 U	0.52999 U	0.54000 U	0.49000 U	0.52999 U	0.50999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
HMX	2.80000	0.56999 U	0.56000 U	14.00000	34.00000	5.80000	6.00000	0.51999 U	0.52999 U	34.00000	0.49000 U	0.52999 U	0.50999 U	0.54000 U	5.20000	0.52999 U	0.52999 U
NITROBENZENE	0.51999 U	0.56999 U	0.56000 U	0.47999 U	0.54000 U	0.52999 U	0.54000 U	0.51999 U	0.52999 U	0.54000 U	0.49000 U	0.52999 U	0.50999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
NITROCELLULOSE IN WATER	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ
NITROGLYCERIN	2.60000 U	2.90000 U	2.90000 U	2.40000 U	2.70000 U	2.70000 U	2.70000 U	2.60000 U	2.70000 U	2.80000 U	2.50000 U	2.70000 U	2.60000 U	2.70000 U	2.80000 U	2.70000 U	2.70000 U
PETN	1.30000 U	1.40000 U	1.40000 U	1.20000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.20000 U	1.30000 U	1.20000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U
RDX	1.10000	0.56999 U	0.56000 U	43.00000	92.00000 D	240.00000 D	240.00000 D	0.51999 U	0.52999 U	270.00000 D	0.49000 U	1.80000	0.50999 U	0.54000 U	11.00000	1.10000	1.20000
TETRYL	0.51999 U	0.56999 U	0.56000 U	0.47999 U	0.54000 U	0.52999 U	0.54000 U	0.51999 U	0.52999 U	0.54000 U	0.49000 U	0.52999 U	0.50999 U	0.54000 U	0.54000 U	0.52999 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	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	2.50000	2.40000	1.10000 U	2.20000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
BARIUM	45.40000	36.10000	23.50000	26.70000	59.30000	18.70000	18.30000	27.60000	11.20000	29.80000	16.30000	37.70000	28.20000	48.40000	58.00000	35.80000	34.60000
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	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 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	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	3.30000 U
COPPER	2.20000 U	2.80000	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	2.20000 U
LEAD	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	1.10000 U	1.10000 U	1.10000 U	1.10000 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	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	11.10000 U
SELENIUM	1.10000 UJ	1.10000 UJ	2.00000 J	2.00000 J	2.00000 J	1.80000 J	2.20000 J	2.20000 J	1.80000 J	1.20000 J	1.10000 UJ	1.10000 UJ	1.10000 UJ	1.10000 UJ	1.10000 UJ	1.10000 UJ	1.10000 UJ
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	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	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	11.10000 U
VANADIUM	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	3.00000	2.80000	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
ZINC	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.90000	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
DISSOLVED METALS (ug/l)																	
ANTIMONY (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
ARSENIC (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	2.00000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
BARIUM (FILTERED)	43.80000	36.40000	18.80000	28.30000	56.00000	12.50000	12.50000	27.40000	11.00000	31.20000	15.60000	38.10000	29.20000	34.00000	57.20000	33.70000	34.20000
BERYLLIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CADMIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CALCIUM (FILTERED)	27800.00000	1150.00000	147000.00000	105000.00000	129000.00000	71100.00000	71700.00000	95600.00000	190000.00000	109000.00000	98000.00000	119000.00000	56500.00000	34000.00000	25400.00000	18200.00000	18100.00000
CHROMIUM (FILTERED)	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U
COBALT (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U
COPPER (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
LEAD (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
MAGNESIUM (FILTERED)	6390.00000	486.00000	190000.00000	51200.00000	48600.00000	12500.00000	12500.00000	35800.00000	185000.00000	39800.00000	58200.00000	57900.00000	2730.00000	26300.00000	6400.00000	4210.00000	4060.00000
MERCURY (FILTERED)	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	0.20000 U
NICKEL (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
POTASSIUM (FILTERED)	1310.00000	1080.00000	2810.00000	1830.00000	9250.00000	1180.00000	1210.00000	1430.00000	3520.00000	2100.00000	2510.00000	2110.00000	1100.00000	2340.00000	1270.00000	909.00000	908.00000
SELENIUM (FILTERED)	1.00000 UN	1.00000 UN	1.80000 N	1.30000 N	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN
SILVER (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U
SODIUM (FILTERED)	14900.00000	267000.00000	61200.00000	26100.00000	14800.00000	4320.00000	4230.00000	8940.00000	108000.00000	10800.00000	69400.00000	14000.00000	5140.00000	87800.00000	3950.00000	2930.00000	2900.00000
THALLIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TIN (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
VANADIUM (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
ZINC (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.20000	10.00000 U	10.00000 U	39.90000	111.00000	10.00000 U	10.00000 U	10.00000 U
MISCELLANEOUS INORGANICS (mg/l)																	
CHLORIDE (CL) EPA 9056	27.00000	1.00000	8.00000	9.00000	11.00000	5.00000	5.00000	6.00000	4.00000	6.00000	2.00000	4.00000	3.00000	2.00000	4.00000	4.00000	4.00000
CYANIDE (METHOD 9012)	0.00999 U	0.00999	0.00999 U	0.00999 U	0.00999 U	0.00999 UJ	0.00999 UJ	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U
SULFATE (SO4) EPA 9056	36.00000 J	87.00000 J	980.00000 J	96.00000	140.00000	50.00000 J	52.00000 J	90.00000 J	1000.00000	130.00000 J	240.00000 J	110.00000 J	9.00000 J	120.00000	42.00000	28.00000 J	24.00000 J
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	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000	1.10000
TOTAL ORGANIC HALOGENS	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.10999	0.10999	0.05000 U	0.05000 U	1.10000	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U
TOTAL PHOSPHORUS AS P	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 J	0.10000 J	0.10000 U	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.30000 J	0.10000 U	0.10000 UJ	0.10000 UJ
TOTAL PHOSPHORUS AS P (FILTERED)	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 U	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 UJ	0.10000 U	0.10000 UJ	0.10000 UJ

TABLE 6.1.2
SUMMARY OF PARAMETERS ANALYZED
2ND QUARTER 2004 MONITORING EVENT
AMMUNITION BURNING GROUNDS

Location	03C02P2	03C03	03C04	03C07	03C08P2	03C09P2	03C15	03C15	03C17	03C20	03C25	03C26	03C27	03C30	SPRING A	SPRING C	SPRING C
Aquifer	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			
Sample Number	AC02P22A04	AC032A04	AC042A04	AC072A04	AC08P22A04	AC09P22A04	AC152A04	FD06210401	AC172A04	AC202B04	AC252A04	AC262A04	AC272A04	AC302A04	ASPA2A04	ASPC2A04	FD06290401
SA Code	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	MS/MSD	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE
Sample Date	6/8/2004	6/7/2004	6/16-18/04	6/28/2004	6/30/2004	6/17/2004	6/21/2004	6/21/2004	6/30/2004	6/18/2004	6/1/2004	6/16/2004	6/22/2004	6/30/2004	6/29/2004	6/29/2004	6/29/2004
VOLATILE ORGANIC COMPOUNDS (ug/l)																	
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	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	13.00000	0.50000 U	0.50000 U	0.50000 U	0.50000 U	52.00000 D	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	6.00000	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
TRICHLOROETHENE	4.20000	0.50000 U	0.50000	4.40000	53.00000	160.00000	0.50000 U	0.50000 U	0.50000 U	2000.00000 D	0.50000 U	15.00000	2.80000	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	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U
EXPLOSIVES (ug/l)																	
1,3,5-TRINITROBENZENE	0.55000 U	0.49000 U	0.56000 U	0.55000 U	0.54000 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	6.50000	0.54000 U	0.54000 U	0.55000 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
1,3-DINITROBENZENE	0.55000 U	0.49000 U	0.56000 U	0.55000 U	0.54000 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.55000 U	0.54000 U	0.54000 U	0.55000 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
2,4,6-TRINITROTOLUENE	0.55000 U	0.49000 U	0.56000 U	0.55000 U	0.54000 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.76999	0.54000 U	0.54000 U	0.55000 U	0.54000 U	4.50000	0.52999 U	0.52999 U
2,4-DINITROTOLUENE	0.55000 U	0.49000 U	0.56000 U	0.55000 U	0.54000 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.55000 U	0.54000 U	0.54000 U	0.55000 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
2,6-DINITROTOLUENE	0.55000 U	0.49000 U	0.56000 U	0.55000 U	0.54000 U	0.95999	0.54000 U	0.55000 U	0.52999 U	0.55000 U	0.54000 U	0.54000 U	0.55000 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
2-AMINO-4,6-DINITROTOLUENE	0.55000 U	0.49000 U	0.56000 U	0.55000 U	1.80000 P	0.52999 U	0.54000 U	0.55000 U	0.52999 U	11.00000 P	0.54000 U	0.54000 U	0.55000 U	0.54000 U	1.20000 P	0.52999 U	0.52999 U
2-NITROTOLUENE	0.55000 U	0.49000 U	0.56000 U	0.55000 U	0.54000 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.55000 U	0.54000 U	0.54000 U	0.55000 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
3-NITROTOLUENE	0.55000 U	0.49000 U	0.56000 U	0.55000 U	0.54000 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.55000 U	0.54000 U	0.54000 U	0.55000 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
4-AMINO-2,6-DINITROTOLUENE	0.55000 U	0.49000 U	0.56000 U	0.55000 U	2.50000	0.58999	0.54000 U	0.55000 U	0.52999 U	13.00000	0.54000 U	0.54000 U	0.55000 U	0.54000 U	3.00000	0.52999 U	0.52999 U
4-NITROTOLUENE	0.55000 U	0.49000 U	0.56000 U	0.55000 U	0.54000 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.55000 U	0.54000 U	0.54000 U	0.55000 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
HMX	32.00000	0.49000 U	0.56000 U	13.00000	31.00000	9.90000	0.54000 U	0.55000 U	0.52999 U	27.00000	0.54000 U	0.54000 U	0.55000 U	0.54000 U	21.00000	1.70000	1.50000
NITROBENZENE	0.55000 U	0.49000 U	0.56000 U	0.55000 U	0.54000 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.55000 U	0.54000 U	0.54000 U	0.55000 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
NITROCELLULOSE IN WATER	1000.00000 U	1000.00000 U	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 U	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ
NITROGLYCERIN	2.80000 U	2.50000 U	2.80000 U	2.80000 U	2.80000 U	2.70000 U	2.70000 U	2.80000 U	2.70000 U	2.80000 U	2.80000 U	2.80000 U	2.80000 U	2.80000 U	11.00000 P	2.70000 U	2.70000 U
PETN	1.40000 U	1.20000 U	1.40000 U	1.40000 U	1.30000 U	1.30000 U	1.30000 U	1.40000 U	1.30000 U	1.40000 U	1.30000 U	1.30000 U	1.40000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U
RDX	10.00000	0.49000 U	0.56000 U	36.00000	77.00000 D	330.00000 D	0.54000 U	0.55000 U	0.52999 U	190.00000 D	0.54000 U	3.10000	0.55000 U	0.54000 U	52.00000	4.90000	4.30000
TETRYL	0.55000 U	0.49000 U	0.56000 U	0.55000 U	0.54000 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.55000 U	0.54000 U	0.54000 U	0.55000 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U
METALS (ug/l)																	
ANTIMONY	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	2.20000 U
ARSENIC	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	2.70000	1.10000 U	1.10000 U	2.10000	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	96.10000	36.90000	22.80000	27.50000	65.00000	20.90000	28.00000	28.00000	10.40000	32.80000	16.30000	39.70000	28.30000	56.40000	111.00000	62.50000	62.50000
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	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 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	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	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	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	1.90000	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	1.10000 U	1.10000 U
MERCURY	0.20000 U	0.20000 UJ	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	11.10000 U
SELENIUM	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	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	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 UJ	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	11.10000 U
VANADIUM	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.80000	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
ZINC	11.10000 U	11.10000 U	11.10000 U	11.10000 U	19.60000	11.10000 U	69.30000	49.80000	11.10000 U	11.10000 U	11.10000 U	26.10000	11.10000 U	25.40000	11.10000 U	11.10000 U	11.10000 U
DISSOLVED METALS (ug/l)																	
ANTIMONY (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
ARSENIC (FILTERED)	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.30000 N	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN
BARIUM (FILTERED)	94.10000	37.20000	18.00000	29.00000	61.00000	12.20000	29.30000	29.00000	9.80000	31.50000	15.40000	39.40000	28.40000	39.40000	111.00000	64.50000	66.00000
BERYLLIUM (FILTERED)	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN
CADMIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CALCIUM (FILTERED)	90300.00000	1470.00000	148000.00000	99800.00000	130000.00000	76300.00000	92500.00000	90800.00000	211000.00000	99600.00000	104000.00000	103000.00000	54800.00000	27100.00000	48100.00000	50000.00000	49800.00000
CHROMIUM (FILTERED)	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U
COBALT (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U
COPPER (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
LEAD (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 UJ	1.00000 UJ	1.00000 U	1.00000 U	1.00000 U	1.00000 UJ	1.00000 U	1.00000 U	1.00000 U	1.00000 UJ	1.00000 UJ	1.00000 UJ	1.00000 UJ	1.00000 UJ
MAGNESIUM (FILTERED)	16900.00000	1000.00000 U	193000.00000	48900.00000	50800.00000	13500.00000	33400.00000	32800.00000	200000.00000	38000.00000	61000.00000	57600.00000	2900.00000	23900.00000	11300.00000	8240.00000	8300.00000
MERCURY (FILTERED)	0.20000 U	0.20000 UJ	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 (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
POTASSIUM (FILTERED)	2760.00000	1030.00000	3130.00000	2790.00000	13700.00000	1170.00000	1380.00000	1390.00000	3220.00000	2210.00000	2620.00000	2020.00000	1050.00000	3050.00000	2400.00000	1190.00000	1210.00000
SELENIUM (FILTERED)	1.00000 U	1.00000 U	1.20000	1.00000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
SILVER (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U
SODIUM (FILTERED)	40800.00000	244000.00000	53600.00000	26000.00000	18400.00000	4830.00000	9600.00000	9740.00000	106000.00000	11800.00000	70000.00000	16100.00000	5370.00000	101000.00000	6860.00000	4860.00000	4860.00000
THALLIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TIN (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
VANADIUM (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
ZINC (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
MISCELLANEOUS INORGANICS (mg/l)																	
CHLORIDE (CL) EPA 9056	90.00000 J	1.00000 J	7.00000	8.00000	12.00000	5.00000	6.00000	6.00000	3.00000	6.00000	2.00000 J	4.00000	3.00000	2.00000	6.00000	4.00000	4.00000
CYANIDE (METHOD 9012)	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U
SULFATE (SO4) EPA 9056	66.00000 J	85.00000 J	780.00000	93.00000	130.00000	53.00000	84.00000	84.00000	960.00000	120.00000	250.00000	110.00000	9.00000	110.00000	40.00000	33.00000	33.00000
TOTAL PHOSPHORUS AS P	0.10000 U	0.10000 UJ	0.10000 U	0.10000 U	0.10000 U	0.10000 U	1.00000 U	0.10000 U	1.00000 U	0.10000 UJ	0.10000 U	0.10000 U	0.10000 U	0.10000 U	0.10000 U	0.10000 U	0.10000 U
TOTAL PHOSPHORUS AS P (FILTERED)	0.10000 U	0.10000 U	0.10000 UJ	0.10000 U	0.10000 U	0.20000	0.05000 U	0.10000 U	0.05000 UJ	0.10000 U	0.10000 U	0.10000 U	0.10000 U	0.10000 U	0.10000 U	0.10000 U	0.10000 U
MISCELLANEOUS ORGANICS (mg/l)																	
TOTAL ORGANIC CARBON	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	0.10000 U	1.00000 U	0.10000 U	1.00000 U	1.00000 UJ	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TOTAL ORGANIC HALOGENS	0.05000 U	0.05000 UJ	0.05000 U	0.05000 U	0.05000 UJ	0.12999	0.10000 U	0.05000 U	0.10000 U	0.62000 J	0.05000 UJ	0.05000 U	0.05000 U	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ

TABLE 6.1.3
SUMMARY OF PARAMETERS ANALYZED
THIRD QUARTER 2004 MONITORING EVENT
AMMUNITION BURNING GROUNDS

Location	03C02P2	03C03	03C04	03C07	03C08P2	03C09P2	03C15	03C15	03C17	03C17	03C20	03C25	03C26	03C27	03C30	SPRING A	SPRING C	CREEK B
Aquifer	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			
Matrix	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW			
Sample Number	AC02P23A04	AC033A04	AC043A04	AC073A04	AC08P23A04	AC09P23A04	AC153A04	FD09200402	AC173A04	FD09200401	AC203A04	AC253A04	AC263A04	AC273A04	AC303A04	ASPA3A04	ASPC3A04	ACRB3A04
SA Code	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	MS/MSD	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
Sample Date	9/9/2004	9/7/2004	9/8/2004 - 9/13/2004	9/14/2004	9/15/2004	9/13/2004	9/20/2004	9/20/2004	9/20/2004	9/20/2004	9/8/2004	9/2/2004	9/14/2004	9/17/2004	9/15/2004	9/16/2004	9/16/2004	9/21/2004
VOLATILE ORGANIC COMPOUNDS (ug/l)																		
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	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	15.00000	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	100.00000	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	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	9.10000 J	0.50000 UJ	0.50000 UJ	6.10000 J	47.00000 J	180.00000 J	0.50000 UJ	0.50000 UJ	0.50000 UJ	0.50000 UJ	48.00000 D	0.50000 UJ	13.00000 J	2.80000 J	0.50000 UJ	0.50000 UJ	0.50000 UJ	
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	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	0.50000 U	
ENERGETICS (ug/l)																		
1,3,5-TRINITROBENZENE	0.51999 U	0.52999 U	0.52999 U	0.52999 U	0.51999 U	0.54000 U	0.55000 U	0.57999 U	0.52999 U	0.54000 U	5.90000 DP	0.56000 U	0.56999 U	0.52999 U	0.52999 U	5.20000 U	0.50999 U	0.51999 U
1,3-DINITROBENZENE	0.51999 U	0.52999 U	0.52999 U	0.52999 U	0.51999 U	0.54000 U	0.55000 U	0.57999 U	0.52999 U	0.54000 U	0.52999 U	0.56000 U	0.56999 U	0.52999 U	0.52999 U	0.51999 U	0.50999 U	0.51999 U
2,4,6-TRINITROTOLUENE	0.51999 U	0.52999 U	0.52999 U	0.52999 U	0.51999 U	0.54000 U	0.55000 U	0.57999 U	0.52999 U	0.54000 U	5.30000 U	0.56000 U	0.56999 U	0.52999 U	0.52999 U	6.00000 D	0.50999 U	0.51999 U
2,4-DINITROTOLUENE	0.51999 U	0.52999 U	0.52999 U	0.52999 U	0.51999 U	0.54000 U	0.55000 U	0.57999 U	0.52999 U	0.54000 U	0.52999 U	0.56000 U	0.56999 U	0.52999 U	0.52999 U	0.51999 U	0.50999 U	0.51999 U
2,6-DINITROTOLUENE	0.51999 U	0.52999 U	0.52999 U	0.52999 U	0.51999 U	0.64999	0.55000 U	0.57999 U	0.52999 U	0.54000 U	0.52999 U	0.56000 U	0.56999 U	0.52999 U	0.52999 U	0.51999 U	0.50999 U	0.51999 U
2-AMINO-4,6-DINITROTOLUENE	0.51999 U	0.52999 U	0.52999 U	0.52999 U	2.20000	0.54000 U	0.55000 U	0.57999 U	0.52999 U	0.54000 U	9.30000 DP	0.56000 U	0.56999 U	0.52999 U	0.52999 U	5.20000 U	0.50999 U	0.51999 U
2-NITROTOLUENE	0.51999 U	0.52999 U	0.52999 U	0.52999 U	0.51999 U	0.54000 U	0.55000 U	0.57999 U	0.52999 U	0.54000 U	0.52999 U	0.56000 U	0.56999 U	0.52999 U	0.52999 U	0.51999 U	0.50999 U	0.51999 U
3-NITROTOLUENE	0.51999 U	0.52999 U	0.52999 U	0.52999 U	0.51999 U	0.54000 U	0.55000 U	0.57999 U	0.52999 U	0.54000 U	0.52999 U	0.56000 U	0.56999 U	0.52999 U	0.52999 U	0.51999 U	0.50999 U	0.51999 U
4-AMINO-2,6-DINITROTOLUENE	0.51999 U	0.52999 U	0.52999 U	0.52999 U	3.10000 D	0.54000 U	0.55000 U	0.57999 U	0.52999 U	0.54000 U	11.00000 D	0.56000 U	0.56999 U	0.52999 U	0.52999 U	6.60000 D	0.50999 U	0.51999 U
4-NITROTOLUENE	0.51999 U	0.52999 U	0.52999 U	0.52999 U	0.51999 U	0.54000 U	0.55000 U	0.57999 U	0.52999 U	0.54000 U	0.52999 U	0.56000 U	0.56999 U	0.52999 U	0.52999 U	0.51999 U	0.50999 U	0.51999 U
HMX	30.00000	0.52999 U	0.52999 U	13.00000	33.00000 D	6.70000 D	0.55000 U	0.57999 U	0.52999 U	0.54000 U	25.00000 D	0.56000 U	0.56999 U	0.52999 U	0.52999 U	33.00000 D	0.75000	6.30000
NITROBENZENE	0.51999 U	0.52999 U	0.52999 U	0.52999 U	0.51999 U	0.54000 U	0.55000 U	0.57999 U	0.52999 U	0.54000 U	0.52999 U	0.56000 U	0.56999 U	0.52999 U	0.52999 U	0.51999 U	0.50999 U	0.51999 U
NITROCELLULOSE IN WATER	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	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U
NITROGLYCERIN	2.60000 U	2.70000 U	2.70000 U	2.70000 U	2.60000 U	2.80000 U	2.80000 U	3.00000 U	2.70000 U	2.80000 U	2.70000 U	2.80000 U	2.90000 U	2.70000 U	2.70000 U	2.60000 U	2.60000 U	2.60000 U
PETN	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.40000 U	1.40000 U	1.30000 U	1.30000 U	1.30000 U	1.40000 U	1.40000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U
RDX	9.40000	0.52999 U	0.52999 U	37.00000	82.00000 D	200.00000 D	0.55000 U	0.57999 U	0.52999 U	0.54000 U	180.00000 D	0.56000 U	2.10000	0.52999 U	0.52999 U	100.00000 D	1.90000	14.00000
TETRYL	0.51999 U	0.52999 U	0.52999 U	0.52999 U	0.51999 U	0.54000 U	0.55000 U	0.57999 U	0.52999 U	0.54000 U	0.52999 U	0.56000 U	0.56999 U	0.52999 U	0.52999 U	0.51999 U	0.50999 U	0.51999 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	1.10000 U	
ARSENIC	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	2.20000	1.10000 U	1.10000 U	2.20000	2.20000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	
BARIUM	97.40000	38.00000	24.30000	27.10000	55.40000	18.00000	28.60000	27.40000	12.40000	12.00000	34.10000	19.00000	45.60000	27.90000	55.70000	130.00000	66.10000	
BERYLLIUM	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	1.10000 UNJ	
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 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	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	3.30000 U	
COPPER	2.20000 U	3.80000	2.20000 U	2.20000 U	4.10000	2.20000 U	2.20000 U	2.20000 U	4.50000	2.50000	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	1.30000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	
MERCURY	0.20000 UJ	0.20000 UJ	0.20000 UJ	0.20000 UNJ	0.20000 UNJ	0.20000 UJ	0.20000 UNJ	0.20000 UNJ	0.20000 UNJ	0.20000 UNJ	0.20000 UJ	0.20000 UJ	0.20000 UNJ	0.20000 UNJ	0.20000 UNJ	0.20000 UNJ	0.20000 UNJ	
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	11.10000 U	
SELENIUM	2.40000	1.10000 U	2.90000	2.70000	2.00000	1.80000	2.10000	1.90000	2.30000	2.30000	1.10000 U	1.10000 U	2.00000	1.10000 U	1.10000 U	1.20000	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	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	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	11.10000 U	
VANADIUM	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.30000	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 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UN	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	
DISSOLVED METALS (ug/l)																		
ANTIMONY (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	
ARSENIC (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.60000	1.60000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	
BARIUM (FILTERED)	97.20000	36.60000	18.30000	27.70000	54.70000	12.60000	28.40000	28.30000	10.10000	9.90000	32.40000	14.80000	40.90000	30.10000	33.50000	133.00000	67.50000	
BERYLLIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	
CADMIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	
CALCIUM (FILTERED)	112000.00000	1250.00000	151000.00000	100000.00000	134000.00000	73900.00000	91800.00000	93200.00000	230000.00000	235000.00000	103000.00000	102000.00000	99100.00000	55800.00000	26900.00000	66300.00000	61000.00000	
CHROMIUM (FILTERED)	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	
COBALT (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	
COPPER (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	
LEAD (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.90000 J	1.00000 U	1.00000 U	1.00000 U	1.00000 U	2.60000	1.00000 U	1.40000 J	1.00000 U	
MAGNESIUM (FILTERED)	17800.00000	1000.00000 U	189000.00000	47000.00000	50000.00000	14400.00000	31800.00000 J	32000.00000 J	196000.00000 J	191000.00000 J	35900.00000	58900.00000	55600.00000	3970.00000 J	22100.00000	15400.00000 J	11600.00000 J	
MERCURY (FILTERED)	0.20000 UJ	0.20000 UJ	0.20000 UJ	0.20000 UNJ	0.20000 UNJ	0.20000 UJ	0.20000 UNJ	0.20000 UNJ	0.20000 UNJ	0.20000 UNJ	0.20000 UJ	0.20000 UJ	0.20000 UNJ	0.20000 UNJ	0.20000 UNJ	0.20000 UNJ	0.20000 UNJ	
NICKEL (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	
POTASSIUM (FILTERED)	2950.00000	1060.00000	3020.00000	2060.00000	7660.00000	1220.00000	1470.00000	1450.00000	3120.00000	3070.00000	2450.00000	2610.00000	2990.00000	1260.00000	2790.00000	2730.00000	1300.00000	
SELENIUM (FILTERED)	1.00000 U	1.00000 U	1.40000	1.30000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	
SILVER (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	
SODIUM (FILTERED)	43300.00000	293000.00000	62800.00000 J	24700.00000 J	15400.00000 J	4570.00000 J	9660.00000	9410.00000	112000.00000	108000.00000	11900.00000	67000.00000	15900.00000 J	5720.00000	98200.00000 J	10600.00000	6380.00000	
THALLIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	
TIN (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	
VANADIUM (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	
ZINC (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	
MISCELLANEOUS INORGANICS (mg/l)																		
CHLORIDE (CL) EPA 9056	95.00000 J	1.00000 J	7.00000	8.00000	10.00000	5.00000 J	6.00000	6.00000	3.00000	3.00000	6.00000 J	2.00000 J	3.00000	3.00000	1.00000	12.00000	5.00000	
CYANIDE (METHOD 9012)	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	
SULFATE (SO4) EPA 9056	67.00000	84.00000 J	710.00000 J	75.00000 J	140.00000 J	40.00000 J	84.00000 J	89.00000 J	620.00000 J	930.00000 J	130.00000	250.00000 J	93.00000 J	9.00000 J	100.00000 J	55.00000 J	45.00000 J	
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	1.00000 U	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	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05999	0.12999	0.05000 U	0.05000 U	0.05000 U	0.05000 U	1.00000	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	
TOTAL PHOSPHORUS AS P	0.01999	0.01999	0.01999 U	0.01999 U	0.01999 U	0.11999	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999	0.03999	0.02999	0.01999	0.01999 U	
TOTAL PHOSPHORUS AS P (FILTERED)	0.01999	0.01999	0.01999 U	0.01999 U	0.02999	0.02999	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.01999 U	0.03999	0.05999	0.02999	0.01999 U	

TABLE 6.1.4
SUMMARY OF PARAMETERS ANALYZED
FOURTH QUARTER 2004 MONITORING EVENT
AMMUNITION BURNING GROUNDS

Location	03C02P2		03C03		03C04		03C07		03C08P2		03C09P2		03C09P2		03C15	
Aquifer	BEECH CREEK		BEAVER BEND		BEECH CREEK		BEECH CREEK		BEECH CREEK		BEECH CREEK		BEECH CREEK		BEECH CREEK	
Sample Number	AC02P24A04		AC034A04		AC044A04		AC074A04		AC08P24A04		AC09P24A04		FD12290402		AC154A04	
SA Code	NORMAL		NORMAL		NORMAL		NORMAL		NORMAL		DUPLICATE		DUPLICATE		DUPLICATE	
Sample Date	12/20/2004		12/17/2004		12/20/04 - 12/27/04		12/27/2004		12/13/2004		12/29/2004		12/29/2004		12/16/2004	
VOLATILE ORGANIC COMPOUNDS (ug/l)																
1,1,1,2-TETRACHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-TRICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-TETRACHLOROETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
1,1,2-TRICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-DICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-DICHLOROETHENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-TRICHLOROBENZENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ	0.50	U	0.50	U	0.50	UJ
1,2,3-TRICHLOROPROPANE	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-DIBROMOETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-DICHLOROETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	7.60		7.50		0.30	U
1,2-DICHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-DIOXANE	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U
2,2-DICHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
2-BUTANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
2-HEXANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
4-METHYL-2-PENTANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ACETONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ACETONITRILE	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
ACROLEIN	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR
ACRYLONITRILE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ALLYL CHLORIDE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
BENZENE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
BROMOCHLOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
BROMODICHLOROMETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
BROMOFORM	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
BROMOMETHANE	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
CARBON DISULFIDE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CARBON TETRACHLORIDE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.60		0.60		0.30	U
CHLOROBENZENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CHLOROFORM	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.60		0.60		0.30	U
CHLOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CHLOROPRENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
CIS-1,2-DICHLOROETHENE	0.50	U	0.50	U	0.50	U	0.50	U	17.00		0.50	U	0.50	U	0.50	U
CIS-1,3-DICHLOROPROPENE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
DIBROMOCHLOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
DIBROMOMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
DICHLORODIFLUOROMETHANE	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U
ETHYL METHACRYLATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ETHYLBENZENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
IODOMETHANE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ISOBUTYL ALCOHOL	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
METHACRYLONITRILE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
METHYL METHACRYLATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
METHYLENE CHLORIDE	1.00	UJ	1.00	UJ	1.00	UJ	1.00	UJ	1.00	U	1.00	UJ	1.00	UJ	1.00	U
PROPIONITRILE	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
STYRENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TETRACHLOROETHENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TOLUENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRANS-1,2-DICHLOROETHENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRANS-1,3-DICHLOROPROPENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRANS-1,4-DICHLORO-2-BUTENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
TRICHLOROETHENE	3.80		0.50	U	0.90		6.20		54.00		180.00		170.00		0.80	
TRICHLOROFLUOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
VINYL ACETATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
VINYL CHLORIDE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
XYLENE (TOTAL)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
EXPLOSIVES (ug/l)																
1,3,5-TRINITROBENZENE	0.54	U	0.54	U	0.59	UJ	0.53	U	0.54	U	0.54	U	0.57	U	0.52	U
1,3-DINITROBENZENE	0.54	U	0.54	U	0.59	UJ	0.53	U	0.54	U	0.54	U	0.57	U	0.52	U
2,4,6-TRINITROTOLUENE	0.54	U	0.54	U	0.59	UJ	0.53	U	0.54	U	0.54	U	0.57	U	0.52	U
2,4-DINITROTOLUENE	0.54	U	0.54	U	0.59	UJ	0.53	U	0.54	U	0.54	U	0.57	U	0.52	U
2,6-DINITROTOLUENE	0.54	U	0.54	U	0.59	UJ	0.53	U	0.54	U	0.74		0.76		0.52	U
2-AMINO-4,6-DINITROTOLUENE	0.54	U	0.54	U	0.59	UJ	0.53	U	2.20		0.54	U	0.57	U	0.52	U
2-NITROTOLUENE	0.54	U	0.54	U	0.59	UJ	0.53	U	0.54	U	0.54	U	0.57	U	0.52	U
3-NITROTOLUENE	0.54	U	0.54	U	0.59	UJ	0.53	U	0.54	U	0.54	U	0.57	U	0.52	U
4-AMINO-2,6-DINITROTOLUENE	0.54	U	0.54	U	0.59	UJ	0.58		3.20	D	0.54	U	0.57	U	0.52	U
4-NITROTOLUENE	0.54	U	0.54	U	0.59	UJ	0.53	U	0.54	U	0.54	U	0.57	U	0.52	U
HMX	5.90		0.54	U	0.59	UJ	15.00		28.00	D	8.00	D	7.70		0.52	U
NITROBENZENE	0.54		0.54	U	0.59	UJ	0.53	U	0.54	U	0.54	U	0.57	U	0.52	U
NITROCELLULOSE IN WATER	1000.00	U	1000.00	U	1000.00	UJ	1000.00	U	1000.00	U	1000.00	U	1000.00	U	1000.00	U
NITROGLYCERIN	2.80	U	2.70	U	3.00	UJ	2.70	U	2.70	U	2.70	U	2.90	U	2.60	U
PETN	1.30	U	1.30	U	1.40	UJ	1.30	U	1.30	U	1.30	U	1.40	U	1.30	U
RDX	2.00		0.54	U	0.59	UJ	43.00		75.00	D	240.00	D	240.00	D	0.52	U
TETRYL	0.54	U	0.54	U	0.59	UJ	0.53	U	0.54	U	0.54	U	0.57	U	0.52	U
METALS (ug/l)																
ANTIMONY	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
ARSENIC	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	3.20		3.20		1.10	U
BARIUM	62.90		40.50		23.70		28.70		56.40		21.10		19.70		28.30	
BERYLLIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
CADMIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
CHROMIUM	5.00	U	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U
COBALT	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U
COPPER	2.30		7.90		2.60		2.20	U	2.20	U	2.20	U	2.20	U	2.20	U
LEAD	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	2.10	J	2.40		1.10	U
MERCURY	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	11.10	U	11.10	U	14.20		11.10	U	11.70		11.10	U	11.10	U	11.10	U
SELENIUM	1.20	J	1.10	U	2.50	J	3.10	J	3.10	J	2.80	J	3.00	J	2.40	J
SILVER	3.00	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U
THALLIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
TIN	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U
VANADIUM	2.00	U	2.20	U	2.20	U	2.20	U	2.20	U	3.50	J	4.00	J	2.20	U
ZINC	11.10	U	11.10	U	22.30	J	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U
DISSOLVED METALS (ug/l)																
ANTIMONY (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
ARSENIC (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
BARIUM (FILTERED)	66.00		41.80		19.40		42.20		62.30		16.10		14.30		30.50	
BERYLLIUM (FILTERED)	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN
CADMIUM (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
CALCIUM (FILTERED)	45700.00		1610.00		158000.00		107000.00		141000.00		79900.00		80200.00		119000.00	
CHROMIUM (FILTERED)	5.00	UNJ	5.00	UN	10.40	NJ	11.30	NJ	9.60	NJ	7.40	NJ	8.80	NJ	5.00	UN
COBALT (FILTERED)	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U
COPPER (FILTERED)	2.00	U	2.20		2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U
LEAD (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
MAGNESIUM (FILTERED)	15300.00	NJ	1000.00	UN	210000.00	NJ	47600.00	NJ	49300.00	NJ	14000.00	NJ	13700.00	NJ	31600.00	NJ
MERCURY (FILTERED)	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL (FILTERED)	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U
POTASSIUM (FILTERED)	2640.00	NJ	1470.00	NJ	4040.00	NJ	3380.00	NJ	13400.00	NJ	1900.00	NJ	1790.00	NJ	1950.00	NJ
SELENIUM (FILTERED)	1.00	UN	1.00	UN	2.80	NJ	3.30	NJ	1.80	NJ	1.80	NJ	1.70	NJ	1.40	NJ
SILVER (FILTERED)	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U
SODIUM (FILTERED)	23300.00	NJ	209000.00	NJ	53100.00	NJ	27700.00	NJ	17300.00	NJ	7110.00	NJ	6800.00	NJ	13700.00	NJ
THALLIUM (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
TIN (FILTERED)	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U
VANADIUM (FILTERED)	2.00	U	2.00	U	2.30	J	2.20	J	2.00	U	2.00	U	2.00	U	2.00	U
ZINC (FILTERED)	54.60	J	10.00	U	11.60	J	10.00	U	16.50	J	10.00	U	10.00	U	10.00	U
MISCELLANEOUS INORGANICS (mg/l)																
CHLORIDE (CL) EPA 9056	30.00		1.00		7.00		8.00		10.00	J	5.00		5.00		6.00	
CYANIDE (METHOD 9012)	0.01	UJ	0.01	U	0.01	UJ	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
SULFATE (SO4) EPA 9056	43.00		84.00		710.00		99.00		130.00	J	45.00		46.00		78.00	J
SULFIDE AS S	1.00	U	1.00	U	1.00	UJ	1.00	UJ	1.00	U	1.00	UJ	1.00	U	1.00	U
TOTAL PHOSPHORUS AS P	0.02	U	0.02		0.02	U	0.02	U	0.02	U	0.10		0.06		0.02	U
TOTAL PHOSPHORUS AS P (FILTERED)	0.02		0.02	U	0.02	U	0.04		0.02	U	0.04		0.04		0.02	U
MISCELLANEOUS ORGANICS (mg/l)																
TOTAL ORGANIC CARBON	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.30		1.00	U	1.00	U
TOTAL ORGANIC HALOGENS	0.05	UJ	0.05	UJ	0.05	U	0.05	U	0.06	J	0.10		0.12		0.05	UJ

Location	03C15		03C20		03C25		03C26		03C30		SPRING A		SPRING C	
Aquifer	BEECH CREEK		BEECH CREEK		BEECH CREEK		BEECH CREEK		BEECH CREEK					
Sample Number	FD12160401		AC204A04		AC254A04		AC264A04		AC304A04		ASPA4A04		ASPC4A04	
SA Code	DUPLICATE		NORMAL		NORMAL		NORMAL		NORMAL		NORMAL		MS/MSD	
Sample Date	12/16/2004		12/14/2004		12/8/2004		12/9/2004		12/28/2004		12/22/2004		12/22/2004	
VOLATILE ORGANIC COMPOUNDS (ug/l)														
1,1,1,2-TETRACHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-TRICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-TETRACHLOROETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
1,1,2-TRICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-DICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-DICHLOROETHENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-TRICHLOROBENZENE	0.50	U	0.50	UJ	0.50	UJ	0.50	UJ	0.50	U	0.50	U	0.50	U
1,2,3-TRICHLOROPROPANE	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-DIBROMOETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-DICHLOROETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
1,2-DICHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-DIOXANE	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U
2,2-DICHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
2-BUTANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
2-HEXANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
4-METHYL-2-PENTANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ACETONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ACETONITRILE	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
ACROLEIN	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR
ACRYLONITRILE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ALLYL CHLORIDE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
BENZENE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
BROMOCHLOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
BROMODICHLOROMETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
BROMOFORM	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
BROMOMETHANE	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
CARBON DISULFIDE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CARBON TETRACHLORIDE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
CHLOROBENZENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CHLOROFORM	0.30	U	0.60		0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
CHLOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CHLOROPRENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
CIS-1,2-DICHLOROETHENE	0.50	U	85.00		0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CIS-1,3-DICHLOROPROPENE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
DIBROMOCHLOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
DIBROMOMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
DICHLORODIFLUOROMETHANE	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ	0.50	UJ
ETHYL METHACRYLATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ETHYLBENZENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
IODOMETHANE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ISOBUTYL ALCOHOL	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
METHACRYLONITRILE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
METHYL METHACRYLATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
METHYLENE CHLORIDE	1.00	UJ	1.00	U	1.00	U	1.00	U	1.00	UJ	1.00	UJ	1.00	UJ
PROPIONITRILE	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
STYRENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TETRACHLOROETHENE	0.50	U	0.80		0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TOLUENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRANS-1,2-DICHLOROETHENE	0.50	U	5.80		0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRANS-1,3-DICHLOROPROPENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRANS-1,4-DICHLORO-2-BUTENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
TRICHLOROETHENE	0.50	U	2100.00	D	0.50	U	13.00		0.50	U	0.50	U	0.50	U
TRICHLOROFLUOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
VINYL ACETATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
VINYL CHLORIDE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
XYLENE (TOTAL)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
EXPLOSIVES (ug/l)														
1,3,5-TRINITROBENZENE	0.53	U	7.50		0.56	U	0.54	U	0.54	UJ	0.51	U	0.52	U
1,3-DINITROBENZENE	0.53	U	0.54	U	0.56	U	0.54	U	0.54	UJ	0.51	U	0.52	U
2,4,6-TRINITROTOLUENE	0.53	U	0.97		0.56	U	0.54	U	0.54	UJ	1.40		0.52	U
2,4-DINITROTOLUENE	0.53	U	0.54	U	0.56	U	0.54	U	0.54	UJ	0.51	U	0.52	U
2,6-DINITROTOLUENE	0.53	U	0.54	U	0.56	U	0.54	U	0.54	UJ	0.51	U	0.52	U
2-AMINO-4,6-DINITROTOLUENE	0.53	U	11.00		0.56	U	0.54	U	0.54	UJ	0.51	U	0.52	U
2-NITROTOLUENE	0.53	U	0.54	U	0.56	U	0.54	U	0.54	UJ	0.51	U	0.52	U
3-NITROTOLUENE	0.53	U	0.54	U	0.56	U	0.54	U	0.54	UJ	0.51	U	0.52	U
4-AMINO-2,6-DINITROTOLUENE	0.53	U	14.00	D	0.56	U	0.54	U	0.54	UJ	0.79		0.52	U
4-NITROTOLUENE	0.53	U	0.54	U	0.56	U	0.54	U	0.54	UJ	0.51	U	0.52	U
HMX	0.53	U	25.00		0.56	U	0.54	U	0.54	UJ	6.00		0.77	
NITROBENZENE	0.53	U	0.54	U	0.56	U	0.54	U	0.54	UJ	0.51	U	0.52	U
NITROCELLULOSE IN WATER	1000.00	U	1000.00	U	1000.00	U	1000.00	U	1000.00	U	1000.00	UJ	1000.00	UJ
NITROGLYCERIN	2.70	U	2.70	U	2.90	U	2.80	U	2.80	UJ	2.60	U	2.60	U
PETN	1.30	U	1.30	U	1.40	U	1.30	U	1.30	UJ	1.30	U	1.30	U
RDX	0.53	U	190.00	D	0.56	U	1.40		0.54	UJ	13.00		1.80	
TETRYL	0.53	U	0.54	U	0.56	U	0.54	U	0.54	UJ	0.51	U	0.52	U
METALS (ug/l)														
ANTIMONY	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
ARSENIC	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
BARIUM	28.60		32.60		16.00		40.50		34.20		61.40		49.50	
BERYLLIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
CADMIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
CHROMIUM	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U
COBALT	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U
COPPER	2.20	U	2.20	U	2.80		2.20	U	2.90		2.20	U	2.20	U
LEAD	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
MERCURY	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U
SELENIUM	2.00	J	1.70	J	1.10	U	1.50	J	1.10	U	1.10	U	1.10	U
SILVER	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U
THALLIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
TIN	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U
VANADIUM	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U
ZINC	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U
DISSOLVED METALS (ug/l)														
ANTIMONY (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
ARSENIC (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
BARIUM (FILTERED)	31.30		33.40		19.80		43.60		45.30		71.40		50.10	
BERYLLIUM (FILTERED)	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN
CADMIUM (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
CALCIUM (FILTERED)	122000.00		108000.00		109000.00		107000.00		42300.00		31400.00		38600.00	
CHROMIUM (FILTERED)	5.00	UN	5.80	NJ	5.00	UN	12.50	NJ	5.30	NJ	5.00	UN	5.00	UN
COBALT (FILTERED)	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U
COPPER (FILTERED)	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U
LEAD (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
MAGNESIUM (FILTERED)	31200.00	NJ	35300.00	NJ	58400.00	NJ	53400.00	NJ	30800.00	NJ	11900.00	NJ	10700.00	NJ
MERCURY (FILTERED)	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL (FILTERED)	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U
POTASSIUM (FILTERED)	2030.00	NJ	3340.00	NJ	4820.00	NJ	2920.00	NJ	3770.00	NJ	2460.00	NJ	1560.00	NJ
SELENIUM (FILTERED)	1.30	NJ	1.00	UN	1.00	UN	1.20	NJ	1.00	UN	1.00	UN	1.00	UN
SILVER (FILTERED)	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U
SODIUM (FILTERED)	14400.00	NJ	16600.00	NJ	70900.00	NJ	17500.00	NJ	87800.00	NJ	7840.00	NJ	5270.00	NJ
THALLIUM (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
TIN (FILTERED)	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U
VANADIUM (FILTERED)	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U
ZINC (FILTERED)	10.00	U	10.00	U	10.00	U	35.60	J	10.00	U	10.00	U	122.00	J
MISCELLANEOUS INORGANICS (mg/l)														
CHLORIDE (CL) EPA 9056	6.00		6.00	J	2.00	J	4.00	J	2.00		4.00		3.00	
CYANIDE (METHOD 9012)	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
SULFATE (SO4) EPA 9056	88.00	J	120.00	J	230.00		94.00	J	120.00		36.00		28.00	
SULFIDE AS S	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	UJ	1.00	UJ
TOTAL PHOSPHORUS AS P	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.03		0.02	U
TOTAL PHOSPHORUS AS P (FILTERED)	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02		0.02	
MISCELLANEOUS ORGANICS (mg/l)														
TOTAL ORGANIC CARBON	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00		1.00	U
TOTAL ORGANIC HALOGENS	0.05	UJ	1.20		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

TABLE 6.1.5
APPENDIX IX: AMMUNITION BURNING GROUNDS
FOURTH QUARTER 2004

	AC02P24A04		AC034A04		AC044A04		AC074A04		AC08P24A04		AC09P24A04		FD12290402		AC154A04		FD12160401		AC204A04		AC254A04		AC264A04		AC304A04		ASPA4A04		ASPC4A04	
	03C02P2		03C03		03C04		03C07		03C08P2		03C09P2		03C09P2		03C15		03C15		03C20		03C25		03C26		03C30		SPRING A		SPRING C	
SEMI-VOLATILES (ug/l)																														
1,2,4,5-TETRACHLOROBENZENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-TRICHLOROBENZENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-DICHLOROBENZENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-DICHLOROBENZENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-DICHLOROBENZENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-NAPHTHOQUINONE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-PHENYLENEDIAMINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1-NAPHTHYLAMINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,3,4,6-TETRACHLOROPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4,5-TRICHLOROPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4,6-TRICHLOROPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4-DICHLOROPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4-DIMETHYLPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4-DINITROPHENOL	10.0	U	11.0	U	12.0	UJ	11.0	UJ	11.0	U	11.0	U	11.0	U	11.0	U	11.0	U	11.0	U	11.0	U	10.0	U	11.0	U	10.0	U	10.0	U
2,6-DICHLOROPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-ACETYLAMINOFLUORENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-CHLORONAPHTHALENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-CHLOROPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-METHYLPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-NAPHTHYLAMINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-NITROANILINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-NITROPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-PICOLINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
3,3'-DICHLOROBENZIDINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
3,3-DIMETHYLBENZIDINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
3,4-METHYLPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
3-METHYLCHOLANTHENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
3-NITROANILINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4,6-DINITRO-2-METHYLPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-AMINOBIPHENYL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-BROMOPHENYL-PHENYLETHER	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-CHLORO-3-METHYLPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-CHLOROANILINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-CHLOROPHENYL-PHENYLETHER	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-NITROANILINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-NITROPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-NITROQUINOLINE-1-OXIDE	5.0	UJ	6.0	UJ	6.0	UJ	6.0	UJ	5.0	UJ	6.0	UJ	6.0	UJ	5.0	UJ	5.0	UJ	6.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ
5-NITRO-O-TOLUIDINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
7,12-DIMETHYLBENZ(A)ANTHRACENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
A,A-DIMETHYLPHENETHYLAMINE	10.0	U	11.0	U	12.0	UJ	11.0	UJ	11.0	U	11.0	U	11.0	U	11.0	U	11.0	U	11.0	U	11.0	U	10.0	U	11.0	U	10.0	U	10.0	U
ACETOPHENONE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
ANILINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
ARAMITE A	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
ARAMITE B	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
BENZYL ALCOHOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
BIS(2-CHLOROETHOXY)METHANE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
BIS(2-CHLOROETHYL)ETHER	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
BIS(2-CHLOROISOPROPYL)ETHER	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
BIS(2-ETHYLHEXYL)PHTHALATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	2.0	J	5.0	U	5.0	U	5.0	U
BUTYLBENZYLPHTHALATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
CHLOROBENZILATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
CIS-ISOSAFROLE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
DIALLATE A	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
DIALLATE B	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
DIBENZOFURAN	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
DIETHYLPHTHALATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
DIMETHOATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
DIMETHYLPHTHALATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
DI-N-BUTYLPHTHALATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
DI-N-OCTYLPHTHALATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
DIPHENYLAMINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
DISULFOTON	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
ETHYL METHANESULFONATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
ETHYL PARATHION	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
FAMPHUR A	5.0	U	6.0	UJ	6.0	UJ	6.0	UJ	5.0	UJ	6.0	U	6.0	U	5.0	UJ	5.0	UJ	6.0	UJ	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U
FAMPHUR B	10.0	UJ	11.0	UJ	12.0	UJ	11.0	UJ	11.0	UJ	11.0	UJ	11.0	UJ	11.0	UJ	11.0	UJ	11.0	UJ	11.0	UJ	10.0	UJ	11.0	UJ	10.0	UJ	10.0	U
HEXACHLOROBENZENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
HEXACHLOROBUTADIENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
HEXACHLOROCYCLOPENTADIENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
HEXACHLOROETHANE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
HEXACHLOROPROPENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
ISODRIN	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
ISOPHORONE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
KEPONE	5.0	U	6.0	UJ	6.0	UJ	6.0	UJ	5.0	UJ	6.0	U	6.0	U	5.0	UJ	5.0	UJ	6.0	UJ	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U
METHAPYRILENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
METHYL METHANESULFONATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
METHYL PARATHION	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
N-NITROSODIETHYLAMINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
N-NITROSODIMETHYLAMINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
N-NITROSODI-N-BUTYLAMINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
N-NITROSO-DI-N-PROPYLAMINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
N-NITROSOMETHYLETHYLAMINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
N-NITROSOMORPHOLINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
N-NITROSOPIPERIDINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
N-NITROSOPYRROLIDINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
O-TOLUIDINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
P-(DIMETHYLAMINO)AZOBENZENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
PENTACHLOROBENZENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
PENTACHLOROETHANE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
PENTACHLORONITROBENZENE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
PENTACHLOROPHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
PHENACETIN	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
PHENOL	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
PHORATE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
PRONAMIDE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
PYRIDINE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
SAFROLE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
SULFOTEPP	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
THIONAZIN	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
TRANS-ISOSAFROLE	5.0	U	6.0	U	6.0	UJ	6.0	UJ	5.0	U	6.0	U	6.0	U	5.0	U	5.0	U	6.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
SEMI-VOLATILES (SIM-PNA) (ug/l)																														
2-METHYLNAPHTHALENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHYLENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ANTHRACENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO[A]ANTHRACENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO[A]PYRENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO[B]FLUORANTHENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO[G,H,I]PERYLENE	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ
BENZO[K]FLUORANTHENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
CHRYSENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
DIBENZ[A,H]ANTHRACENE	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ
FLUORANTHENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
IDENO[1,2,3-CD]PYRENE	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ
NAPHTHALENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PHENANTHRENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PYRENE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
DIOXINS AND FURANS (pg/l)																														
2378-TCDD	2.4	U	2.3	U	3.7	UJ	3.0	U	2.0	U	4.7	UJ	2.7	UJ	2.7	U	1.6	U	2.2	U	3.4	U	2.4	U	1.7	U	1.7	UJ	2.4	UJ
12378-PeCDD	1.7	U	1.5	U	2.6	UJ	1.9	U	1.7	U	3.0	U	1.6	U	1.9	U	1.2	U	4.5	UJ	3.3	U	2.2	U	1.1	U	1.1	UJ	1.7	UJ
123478-HxCDD	1.5	U	1.6	U	2.4	UJ	2.3	U	1.5	U	3.3	U	2.1	U	1.9	U	1.3	U	3.8	UJ	3.0	U	2.2	U	1.4	U	1.4	UJ	1.7	UJ
123678-HxCDD	1.5	U	1.6	U	2.4	UJ	2.2	U	1.5	U	3.2	U	2.0	U	1.9	U	1.3	U	2.5	UJ	2.9	U	2.1	U	1.3	U	1.4	UJ	1.7	UJ
123789-HxCDD	1.5	U	1.6	U	2.4	UJ	2.1	U	3.6	UJ	3.0	U	1.9	U	1.9	U	1.3	U	2.8	UJ	2.9	U	2.1	U	1.3	U	1.3	UJ	1.7	UJ
1234678-HpCDD	2.3	U	2.1	U	3.5	UJ	3.1	U	2.4	U	4.1	U	3.0	U	2.6	U	1.8	U	8.1	UJ	3.9	U	3.6	U	1.9	U	2.1	UJ	2.3	UJ
OCDD	34.4	UJ	2.8	UJ	5.0	UJ	4.8	U	8.7	UJ	6.1	U	4.3	U	3.6	UJ	2.4	UJ	23.3	UJ	6.2	U	6.4	U	2.8	U	22.0	UJ	23.8	UJ
2378-TCDF	1.6	U	1.6	U	2.4	UJ	2.1	UJ	1.4	U	2.8	UJ	1.8	UJ	1.9	U	1.2	U	1.7	U	2.4	U	1.7	U	1.1	U	1.2	UJ	1.6	UJ
12378-PeCDF	1.3	U	1.1	U	1.8	UJ	1.8	U	1.4	U	2.6	U	1.6	U	1.4	U	0.9	U	2.2	UJ	2.4	U	1.7	U	1.0	U	1.1	UJ	1.2	UJ
23478-PeCDF	1.2	U	1.1	U	1.7	UJ	1.7	U	1.5	U	2.4	U	1.5	U	1.4	U	0.8	U	1.7	U	2.4	U	1.7	U	1.0	U	1.0	UJ	1.2	UJ
123478-HxCDF	1.1	U	1.1	U	1.7	UJ	1.5	U	1.0	U	2.4	U	1.4	U	1.3	U	0.8	U	3.1	UJ	1.9	U	1.4	U	1.0	U	1.0	UJ	1.1	UJ
123678-HxCDF	1.1	U	1.1	U	1.6	UJ	1.5	U	1.0	U	2.3	U	1.4	U	1.2	U	0.8	U	2.9	UJ	1.8	U	1.3	U	0.9	U	1.0	UJ	1.1	UJ
234678-HxCDF	1.0	U	1.0	U	1.6	UJ	1.4	U	0.9	U	2.1	U	1.3	U	1.2	U	0.8	U	1.8	UJ	1.7	U	1.2	U	0.9	U	0.9	UJ	1.1	UJ
123789-HxCDF	1.5	U	1.5	U	2.3	UJ	1.8	U	2.7	UJ	2.7	U	1.7	U	1.7	U	1.1	U	3.2	UJ	2.2	U	1.6	U	1.1	U	1.2	UJ	1.5	UJ
1234678-HpCDF	1.2	U	1.1	U	2.0	UJ	1.9	U	1.4	U	2.6	U	1.8	U	1.4	U	1.0	U	4.8	UJ	2.2	U	2.0	U	1.2	U	1.4	UJ	1.3	UJ
1234789-HpCDF	1.7	U	1.6	U	2.7	UJ	2.3	U	1.7	U	3.2	U	2.2	U	2.0	U	1.3	U	3.2	UJ	2.7	U	2.4	U	1.5	U	1.7	UJ	1.9	UJ
OCDF	2.7	U	2.2	U	4.0	UJ	3.6	U	3.2	U	4.7	U	3.3	U	2.9	U	1.9	U	9.8	UJ	4.8	U	5.0	U	2.2	U	2.6	UJ	2.7	UJ
TOTAL TCDD	2.4	U	2.3	U	3.7	UJ	3.0	U	2.0	U	4.7	U	2.7	U	2.7	U	1.6	U	2.2	U	3.4	U	2.4	U	1.7	U	1.7	UJ	2.4	UJ
TOTAL PeCDD	1.7	U	1.5	U	2.6	UJ	1.9	U	1.7	U	3.0	U	1.6	U	1.9	U	1.2	U	4.5	U	3.3	U	2.2	U	1.1	U	1.1	UJ	1.7	UJ
TOTAL HxCDD	1.5	U	1.6	U	2.4	UJ	2.2	U	3.6	U	3.1	U	2.0	U	1.9	U	1.3	U	9.2	U	2.9	U	2.1	U	1.3	U	1.4	UJ	1.7	UJ
TOTAL HpCDD	2.3	U	2.1	U	3.5	UJ	3.1	U	2.4	U	4.1	U	3.0	U	2.6	U	1.8	U	14.9	U	3.9	U	3.6	U	1.9	U	2.1	UJ	2.3	UJ
TOTAL TCDF	1.6	U	1.6	U	2.4	UJ	2.1	U	1.4	U	2.8	U	1.8	U	1.9	U	1.2	U	1.7	U	2.4	U	1.7	U	1.1	U	1.2	UJ	1.6	UJ
TOTAL PeCDF	1.3	U	1.1	U	1.7	UJ	1.7	U	1.4	U	2.5	U	1.5	U	1.4	U	0.8	U	2.2	U	2.4	U	1.7	U	1.0	U	1.0	UJ	1.2	UJ
TOTAL HxCDF	1.1	U	1.1	U	1.8	UJ	1.5	U	2.7	U	2.4	U	1.4	U	1.3	U	0.8	U	10.9	U	1.9	U	1.4	U	1.0	U	1.0	UJ	1.2	UJ
TOTAL HpCDF	1.4	U	1.3	U	2.3	UJ	2.1	U	1.5	U	2.9	U	2.0	U	1.7	U	1.1	U	11.3	U	2.4	U	2.2	U	1.3	U	1.5	UJ	1.6	UJ

TABLE 6.2.1
SUMMARY OF PARAMETERS ANALYZED
FIRST QUARTER 2004 MONITORING EVENT
OLD RIFLE RANGE

0C0987X803Y

Location	06C08	06C11	06C11P2	06C12	06C13	06C13P2	06C14	06C14P2	O6C15	06C15	06C16	06C16	06C18	06C18P2	06C19	06C19P2
Aquifer	BIG CLIFTY/ BEECH CREEK	UBC	UBC	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	UBC	BIG CLIFTY/ BEECH CREEK	UBC	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	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	OC081A04	OC111A04	OC11P21A04	OC121A04	OC131A04	OC13P21A04	OC141A04	OC14P21A04	OC151A04	FD02100401	OC161A04	FD02110401	OC181A04	OC18P21A04	OC191A04	OC19P21A04
SA Code	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	NORMAL	NORMAL	MS/MSD	NORMAL
Sample Date	2/12/2004	2/17/2004	2/18/2004	2/3/2004	2/5/2004	2/9/2004	2/4/2004	2/4/2004	2/10/2004	2/10/2004	2/1/2004	2/11/2004	1/28/2004	1/29/2004	2/19/2004	2/19/2004
ENERGETICS (ug/l)																
1,3,5-TRINITROBENZENE	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	0.87000	0.79000	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
1,3-DINITROBENZENE	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	0.56000 U	0.51999 U	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
2,4,6-TRINITROTOLUENE	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	5.40000	4.80000	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
2,4-DINITROTOLUENE	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	0.56000 U	0.51999 U	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
2,6-DINITROTOLUENE	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	0.56000 U	0.51999 U	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
2-AMINO-4,6-DINITROTOLUENE	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	2.50000	2.30000 P	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
2-NITROTOLUENE	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	0.56000 U	0.51999 U	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
3-NITROTOLUENE	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	0.56000 U	0.51999 U	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
4-AMINO-2,6-DINITROTOLUENE	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	2.80000	2.60000	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
4-NITROTOLUENE	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	0.56000 U	0.51999 U	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
HMX	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	0.56000 U	0.51999 U	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
NITROBENZENE	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	0.56000 U	0.51999 U	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
NITROCELLULOSE IN WATER	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	1000.00000 U	1000.00000 U
NITROGLYCERIN	2.80000 U	2.70000 U	2.80000 U	2.70000 U	2.90000 U	2.90000 U	2.80000 U	2.60000 U	2.80000 U	2.60000 U	2.70000 U	2.60000 U	2.60000 U	2.60000 U	2.90000 U	2.80000 U
PETN	1.40000 U	1.30000 U	1.40000 U	1.30000 U	1.40000 U	1.40000 U	1.40000 U	1.30000 U	1.40000 U	1.30000 U	1.30000 U	1.20000 U	1.30000 U	1.20000 U	1.40000 U	1.30000 U
PICRAMIC ACID	1.10000 U	1.00000 U	1.00000 U	1.10000 U	1.10000 U	1.00000 U	0.95999 U	1.00000 U	1.10000 U	1.00000 U	1.10000 U	1.00000 U	1.10000 U	1.00000 U	1.00000 U	1.10000 U
PICRIC ACID	1.10000 U	1.00000 U	1.00000 U	1.10000 U	1.10000 U	1.00000 U	0.95999 U	1.00000 U	1.10000 U	1.00000 U	1.10000 U	1.00000 U	1.10000 U	1.00000 U	1.00000 U	1.10000 U
RDX	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	0.56000 U	0.51999 U	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 U
TETRYL	0.56000 U	0.52999 U	0.56000 U	0.54000 U	0.56999 U	0.56999 U	0.56000 U	0.51999 U	0.56000 U	0.51999 U	0.54000 U	0.50999 U	0.51999 U	0.50999 U	0.56000 U	0.54000 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	1.10000 U	1.20000	2.00000	1.10000 U	44.50000	33.00000	1.40000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	2.50000	16.00000	1.20000	2.90000
BARIUM	35.30000	53.40000	34.40000	35.10000	65.40000	56.40000	24.80000	34.50000	28.30000	28.30000	93.70000	91.30000	86.90000	142.00000	40.60000	36.30000
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	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 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	6.50000	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	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
LEAD	1.10000 U	1.30000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	2.40000	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	16.70000 U	24.30000	136.00000	434.00000	466.00000	596.00000	332.00000	16.70000 U	16.70000 U	16.70000 U	16.70000 U	16.70000 U	128.00000	462.00000	221.00000	143.00000
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	1.10000 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	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 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	4.10000	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
ZINC	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	53.50000	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
DISSOLVED METALS (ug/l)																
ANTIMONY (FILTERED)	1.20000	1.00000 U	1.00000 U	1.40000	1.00000 U	1.00000 U	1.00000	1.20000	1.00000 U	1.00000 U	1.30000	1.00000 U	1.00000 U	1.30000	1.00000 U	1.00000 U
ARSENIC (FILTERED)	1.00000 U	1.00000	1.00000 U	1.00000 U	55.30000	39.40000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	2.50000	18.90000	1.20000	2.20000
BARIUM (FILTERED)	33.90000	50.20000	34.20000	37.00000	67.50000	58.20000	22.00000	35.60000	29.00000	29.20000	93.00000	93.00000	92.10000	144.00000	41.50000	35.70000
BERYLLIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CADMIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CHROMIUM (FILTERED)	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U
COBALT (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U
COPPER (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
LEAD (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
MANGANESE (FILTERED)	15.00000 U	19.20000	93.10000	444.00000	526.00000	608.00000	340.00000	15.00000 U	15.00000 U	15.00000 U	15.00000 U	15.00000 U	130.00000	470.00000	251.00000	126.00000
MERCURY (FILTERED)	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 (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
SELENIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
SILVER (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U
THALLIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TIN (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
VANADIUM (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
ZINC (FILTERED)	27.80000	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
MISCELLANEOUS (mg/l)																
AMMONIA AS N (EPA 350.1)	0.01999 J	0.15000 J	0.01999 J	0.21999 J	0.38999 J	0.37999 J	0.01999 J	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.30000 J	0.30000 J	0.23000 J	1.10000 J	0.03999 J	0.11999 J
CYANIDE (METHOD 9012)	0.00999 J	0.00999 UJ	0.00999 U	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 U	0.00999 U
TOTAL ORGANIC CARBON	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.20000	1.00000	1.00000 U	1.00000 U	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	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U

TABLE 6.2.2
SUMMARY OF PARAMETERS ANALYZED
SECOND QUARTER 2004 MONITORING EVENT
OLD RIFLE RANGE

Location	06C08	06C11	06C11P2	06C12	06C13	06C13P2	06C14	06C14P2	06C15	06C15	06C16	06C16	06C18	06C18P2	06C19	06C19P2
Aquifer	BC/BC	BC/BC	UPPER B/C	BC/BC	BC/BC	UPPER B/C	UPPER B/C	UPPER B/C	BC/BC	BC/BC	BC/BC	BC/BC	BC/BC	UPPER B/C	BEECH CREEK	UPPER B/C
Matrix	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
Sample Number	OC082A04	OC112A04	OC11P22A04	OC122A04	OC132A04	OC13P22A04	OC142A04	OC14P22A04	OC152A04	FD05170401	OC162A04	FD05030401	OC182A04	OC18P22A04	OC192A04	OC19P22A04
SA Code	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	NORMAL	NORMAL	MS/MSD	NORMAL
Sample Date	5/20/2004	5/19/2004	4/19/2004	5/5/2004	4/15/2004	4/14/2004	5/11/2004	4/27/2004	5/17/2004	5/17/2004	5/3/2004	5/3/2004	4/28/2004	5/6/2004	5/25/2004	5/24/2004
EXPLOSIVES (ug/l)																
1,3,5-TRINITROBENZENE	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	0.86000	0.81000	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
1,3-DINITROBENZENE	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	0.50999 U	0.56000 U	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
2,4,6-TRINITROTOLUENE	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	5.00000	4.90000	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
2,4-DINITROTOLUENE	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	0.50999 U	0.56000 U	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
2,6-DINITROTOLUENE	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	0.50999 U	0.56000 U	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
2-AMINO-4,6-DINITROTOLUENE	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	2.30000	2.30000	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
2-NITROTOLUENE	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	0.50999 U	0.56000 U	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
3-NITROTOLUENE	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	0.50999 U	0.56000 U	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
4-AMINO-2,6-DINITROTOLUENE	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	2.70000	2.70000	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
4-NITROTOLUENE	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	0.50999 U	0.56000 U	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
HMX	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	0.50999 U	0.56000 U	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
NITROBENZENE	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	0.50999 U	0.56000 U	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
NITROCELLULOSE IN WATER	1000.00000 U	1000.00000 U	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 U	1000.00000 U
NITROGLYCERIN	2.80000 U	2.60000 U	2.60000 U	2.70000 U	2.70000 U	2.70000 U	2.60000 U	2.90000 U	12.00000	11.00000 P	2.90000 U	2.70000 U	2.70000 U	2.70000 U	2.70000 U	2.90000 U
PETN	1.40000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.40000 U	1.30000 U	1.40000 U	1.40000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.40000 U
PICRAMIC ACID	1.10000 U	1.00000 U	1.10000 U	1.00000 U	1.10000 U	1.10000 U	1.00000 U	1.10000 U	0.99000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	0.99000 U	1.10000 U
PICRIC ACID	1.10000 U	1.00000 U	1.10000 U	1.00000 U	1.10000 U	1.10000 U	1.00000 U	1.10000 U	0.99000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	0.99000 U	1.10000 U
RDX	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	0.50999 U	0.56000 U	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 U
TETRYL	0.56000 U	0.51999 U	0.51999 U	0.52999 U	0.52999 U	0.54000 U	0.51999 U	0.56000 U	0.50999 U	0.56000 U	0.56999 U	0.54000 U	0.54000 U	0.52999 U	0.52999 U	0.56999 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	1.10000 U	1.10000	1.10000 U	1.10000 U	36.40000	32.70000	2.40000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	2.50000	18.50000	1.70000	2.90000
BARIUM	37.30000	64.00000	33.70000	35.00000	61.30000	57.20000	26.20000	37.30000	28.50000	28.80000	91.60000	92.80000	95.70000	145.00000	42.50000	36.50000
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 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	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	2.90000	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	8.60000	2.20000 U	2.20000 U
LEAD	1.10000 U	1.60000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	2.70000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U	1.70000	1.10000 U	1.10000 U
MANGANESE	16.70000 U	24.40000	104.00000	437.00000	524.00000	653.00000	308.00000	16.70000 U	16.70000 U	16.70000 U	16.70000 U	16.70000 U	157.00000	475.00000	283.00000	142.00000
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	3.00000	2.00000	1.60000	1.10000 U	1.10000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	3.30000	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 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	2.20000 U	3.30000	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 UNJ	11.80000 NJ	11.10000 UNJ	11.10000 UNJ	16.00000 NJ	11.10000 UNJ	249.00000 NJ	11.10000 UNJ	15.00000 NJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ	11.10000 UNJ
DISSOLVED METALS (ug/l)																
ANTIMONY (FILTERED)	1.00000 U	1.30000	1.50000	1.20000	1.80000	1.00000 U	1.40000	1.30000	1.00000	1.00000 U	1.20000	1.00000 U	1.00000 U	1.60000	1.40000	1.30000
ARSENIC (FILTERED)	1.00000 U	1.10000	1.00000 U	1.00000 U	26.40000	34.40000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	2.10000	16.70000	1.30000	2.00000
BARIUM (FILTERED)	36.70000	55.30000	35.10000	37.70000	56.20000	58.20000	21.10000	40.20000	29.30000	30.30000	99.40000	98.10000	92.80000	134.00000	45.00000	36.90000
BERYLLIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CADMIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CALCIUM (FILTERED)	2780.00000	24400.00000	67700.00000	92200.00000	23900.00000	18800.00000	49200.00000	10400.00000	26900.00000	26200.00000	10800.00000	10700.00000	44300.00000	29900.00000	36600.00000	35200.00000
CHROMIUM (FILTERED)	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U
COBALT (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U
COPPER (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
LEAD (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
MAGNESIUM (FILTERED)	2210.00000	4680.00000	10600.00000	13200.00000	6280.00000	5130.00000	5830.00000	3440.00000	8430.00000	8520.00000	5360.00000	5300.00000	7530.00000	9410.00000	6140.00000	6800.00000
MANGANESE (FILTERED)	15.00000 U	21.70000	106.00000	1500.00000 U	1500.00000 U	1500.00000 U	1500.00000 U	15.80000	15.00000 U	15.00000 U	15.00000 U	15.00000 U	144.00000	1500.00000 U	278.00000	137.00000
MERCURY (FILTERED)	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 (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
POTASSIUM (FILTERED)	1130.00000	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	1180.00000	1180.00000	1690.00000	1000.00000 U	1000.00000 U	1000.00000 U
SELENIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
SILVER (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U
SODIUM (FILTERED)	200000.00000	126000.00000	2510.00000	5800.00000	33600.00000	32100.00000	9810.00000	4600.00000	7760.00000	7770.00000	153000.00000	151000.00000	33800.00000	30000.00000	27000.00000	24900.00000
THALLIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TIN (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
VANADIUM (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
ZINC (FILTERED)	118.00000	10.00000 U	10.00000 U	10.00000 U	17.50000	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
MISCELLANEOUS INORGANICS (mg/l)																
AMMONIA AS N (EPA 350.1)	0.00999 UJ	0.12999 J	0.07000	0.05000 J	0.31000	0.31999	0.00999 UJ	0.02999	0.00999 UJ	0.00999 UJ	0.27000 J	0.20999 J	0.09000 J	0.86000 J	0.00999 UJ	0.01999 J
CYANIDE (METHOD 9012)	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ
MISCELLANEOUS ORGANICS (mg/l)																
TOTAL ORGANIC CARBON	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.20000	1.10000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	2.10000	1.10000	1.00000 U	2.50000	1.00000 UJ	1.00000 UJ
TOTAL ORGANIC HALOGENS	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.07999	0.05000 U	0.05000 U

TABLE 6.2.3
SUMMARY OF PARAMETERS ANALYZED
THIRD QUARTER 2004 MONITORING EVENT
OLD RIFLE RANGE

Location	06C08	06C11	06C11P2	06C12	06C13	06C13P2	06C14	06C14P2	O6C15	06C15	06C16	06C18	06C18P2	06C19	06C19	06C19P2
Aquifer	BIG CLIFTY/ BEECH CREEK	UBC	UBC	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	UBC	BIG CLIFTY/ BEECH CREEK	UBC	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	UBC	BEECH CREEK	BEECH CREEK	ALLUVIUM/ UBC
Matrix	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE NUMBER	OC083A04	OC113A04	OC11P23A04	OC123A04	OC133A04	OC13P23A04	OC143A04	OC14P23A04	OC153A04	FD08170401	OC163A04	OC183A04	OC18P23A04	OC193A04	FD09010401	OC19P23A04
SA Code	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUPLICATE	DUPLICATE	MS/MSD	NORMAL	NORMAL	DUPLICATE	DUPLICATE	NORMAL
Sample Date	8/26/2004	8/12/2004	8/12/2004	8/11/2004	8/10/2004	8/10/2004	8/24/2004	8/24/2004	8/17/2004	8/17/2004	8/31/2004	8/4/2004	8/18/2004	9/1/2004	9/1/2004	9/1/2004
ENERGETICS (ug/l)																
1,3,5-TRINITROBENZENE	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	0.69999	0.72000	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
1,3-DINITROBENZENE	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	0.56000 U	0.56000 U	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
2,4,6-TRINITROTOLUENE	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	3.90000	4.10000	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
2,4-DINITROTOLUENE	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	0.56000 U	0.56000 U	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
2,6-DINITROTOLUENE	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	0.56000 U	0.56000 U	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
2-AMINO-4,6-DINITROTOLUENE	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	1.90000 P	2.00000 P	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
2-NITROTOLUENE	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	0.56000 U	0.56000 U	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
3-NITROTOLUENE	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	0.56000 U	0.56000 U	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
4-AMINO-2,6-DINITROTOLUENE	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	2.20000	2.30000	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
4-NITROTOLUENE	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	0.56000 U	0.56000 U	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
HMX	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	0.56000 U	0.56000 U	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
NITROBENZENE	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	0.56000 U	0.56000 U	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
NITROCELLULOSE IN WATER	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U	1000.00000 U
NITROGLYCERIN	3.00000 U	2.90000 U	2.70000 U	2.90000 U	2.90000 U	2.90000 U	2.90000 U	2.80000 U	2.80000 U	2.80000 U	2.80000 U	2.80000 U	2.90000 U	2.80000 U	2.90000 U	2.90000 U
PETN	1.40000 U	1.40000 U	1.30000 U	1.40000 U	1.40000 U	1.40000 U	1.40000 U	1.40000 U	1.40000 U	1.40000 U	1.30000 U	1.30000 U	1.40000 U	1.40000 U	1.40000 U	1.40000 U
PICRAMIC ACID	1.20000 U	1.10000 U	1.00000 U	1.10000 U	1.10000 U	1.10000 U	0.95999 U	1.00000 U	1.10000 U	1.10000 U	1.00000 U	1.00000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
PICRIC ACID	1.20000 U	1.10000 U	1.00000 U	1.10000 U	1.10000 U	1.10000 U	0.95999 U	1.00000 U	1.10000 U	1.10000 U	1.00000 U	1.00000 U	1.10000 U	1.10000 U	1.10000 U	1.10000 U
RDX	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	0.56000 U	0.56000 U	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 U
TETRYL	0.58999 U	0.56000 U	0.52999 U	0.56999 U	0.56999 U	0.56000 U	0.56999 U	0.55000 U	0.56000 U	0.56000 U	0.54000 U	0.54000 U	0.56999 U	0.56000 U	0.56999 U	0.56999 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	1.10000 U	1.30000	1.80000	1.10000 U	41.40000	31.30000	1.20000	1.10000 U	1.10000 U	1.10000 U	1.10000 U	2.50000	13.90000	1.50000	1.40000	3.50000
BARIUM	34.80000	57.30000	32.60000	32.60000	64.70000	56.60000	21.90000	37.70000	26.70000	28.40000	90.70000	89.10000	114.00000	48.80000	46.70000	36.10000
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	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 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	5.60000 U	5.60000 U	5.60000 U
COBALT	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ	3.30000 UJ
COPPER	2.50000	2.50000	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	6.30000	1.10000 U	1.10000 U	1.10000 U	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
MANGANESE	16.70000 UJ	21.20000 J	126.00000 J	453.00000 J	489.00000 J	580.00000 J	176.00000 J	16.70000 UJ	16.70000 UJ	16.70000 UJ	16.70000 UJ	138.00000 J	561.00000 J	247.00000 J	245.00000 J	117.00000 J
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	1.30000	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
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 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	16.50000	11.10000 U	11.10000 U	11.10000 U	11.10000 U	37.00000	11.10000 U	11.10000 U	11.20000	11.10000 U	11.10000 U	53.30000	11.10000 U	11.10000 U	11.10000 U
DISSOLVED METALS (ug/l)																
ANTIMONY (FILTERED)	2.60000	1.00000 U	1.70000	1.50000	1.00000 U	1.00000 U	1.50000	1.80000	1.60000	1.00000 U	1.00000 U	1.60000	1.00000 U	1.20000	1.00000 U	1.70000
ARSENIC (FILTERED)	1.00000 U	1.10000	1.00000 U	1.00000 U	28.20000	32.70000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	2.10000	14.60000	1.40000	1.30000	2.00000
BARIUM (FILTERED)	35.70000	21.60000	32.70000	34.20000	59.30000	57.20000	19.50000	40.60000	29.20000	28.30000	92.60000	88.50000	118.00000	45.50000	45.80000	35.30000
BERYLLIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CADMIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CHROMIUM (FILTERED)	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U
COBALT (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U
COPPER (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
LEAD (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
MANGANESE (FILTERED)	15.00000 U	15.00000 U	116.00000 J	403.00000 J	534.00000 J	681.00000 J	251.00000 J	15.10000 J	15.00000 U	15.00000 U	15.00000 U	146.00000 J	559.00000 J	241.00000 J	239.00000 J	125.00000 J
MERCURY (FILTERED)	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 (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
SELENIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
SILVER (FILTERED)	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U
THALLIUM (FILTERED)	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TIN (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
VANADIUM (FILTERED)	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
ZINC (FILTERED)	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	47.60000	10.00000 U	2590.00000
MISCELLANEOUS (mg/l)																
AMMONIA AS N (EPA 350.1)	0.05999	0.17000 J	1.80000 J	0.12999 J	0.30000 J	0.28999 J	0.00999 U	0.00999 U	0.00999 U	0.07000	0.31999	0.15000 J	0.98000	0.05000	0.05000	0.07999
CYANIDE (METHOD 9012)	0.00999 U	0.00999 U	0.00999 U	0.00999	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.01999	0.00999 U	0.00999 U	0.00999 U	0.00999 U
TOTAL ORGANIC CARBON	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.20000	1.20000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.90000	1.00000 U	1.00000 U	1.00000 U
TOTAL ORGANIC HALOGENS	0.05000 U	0.05000 U	0.05000 U	0.05000 UJ	0.05000 U	0.05000 UJ	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U	0.05000 U

TABLE 6.2.4
SUMMARY OF PARAMETERS ANALYZED
FOURTH QUARTER 2004 MONITORING EVENT
OLD RIFLE RANGE

Location	06C08		06C11		06C11P2		06C12		06C13		06C13P2		06C14		06C14P2	
Aquifer	BC/BC		BC/BC		UPPER B/C		BC/BC		BC/BC		UPPER B/C		UPPER B/C		UPPER B/C	
Matrix	GW		GW		GW		GW		GW		GW		GW		GW	
Sample Number	OC084A04		OC114A04		OC11P24A04		OC124A04		OC134A04		OC13P24A04		OC144A04		OC14P24A04	
SA Code	NORMAL		NORMAL		NORMAL		NORMAL		NORMAL		NORMAL		NORMAL		NORMAL	
Sample Date	11/15/2004		11/17/2004		11/10/2004		11/9/2004		10/27/2004		10/28/2004		11/3/2004		11/4/2004	
VOLATILE ORGANIC COMPOUNDS (ug/l)																
1,1,1,2-TETRACHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-TRICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-TETRACHLOROETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
1,1,2-TRICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-DICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-DICHLOROETHENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-TRICHLOROBENZENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-TRICHLOROPROPANE	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-DIBROMOETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-DICHLOROETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
1,2-DICHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-DIOXANE	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U
2,2-DICHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
2-BUTANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
2-HEXANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
4-METHYL-2-PENTANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ACETONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ACETONITRILE	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
ACROLEIN	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ
ACRYLONITRILE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ALLYL CHLORIDE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
BENZENE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
BROMOCHLOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
BROMODICHLOROMETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
BROMOFORM	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
BROMOMETHANE	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
CARBON DISULFIDE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CARBON TETRACHLORIDE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
CHLOROBENZENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CHLOROFORM	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
CHLOROMETHANE	1.00		0.50	U	0.50	U	0.50	U	0.70		0.90		0.60		0.80	
CHLOROPRENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
DIBROMOCHLOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
DIBROMOMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
DICHLORODIFLUOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
ETHYL METHACRYLATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ETHYLBENZENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
IODOMETHANE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ISOBUTYL ALCOHOL	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
METHACRYLONITRILE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
METHYL METHACRYLATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
METHYLENE CHLORIDE	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
PROPIONITRILE	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
STYRENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TETRACHLOROETHENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TOLUENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRANS-1,3-DICHLOROPROPENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRANS-1,4-DICHLORO-2-BUTENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
TRICHLOROETHENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRICHLOROFLUOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
VINYL ACETATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
VINYL CHLORIDE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
XYLENE (TOTAL)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
EXPLOSIVES (ug/l)																
1,3,5-TRINITROBENZENE	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
1,3-DINITROBENZENE	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
2,4,6-TRINITROTOLUENE	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
2,4-DINITROTOLUENE	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
2,6-DINITROTOLUENE	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
2-AMINO-4,6-DINITROTOLUENE	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
2-NITROTOLUENE	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
3-NITROTOLUENE	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
4-AMINO-2,6-DINITROTOLUENE	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
4-NITROTOLUENE	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
HMX	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
NITROBENZENE	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
NITROCELLULOSE IN WATER	1000.00	U	1000.00	U	1000.00	U	1000.00	U	1000.00	U	1000.00	U	1000.00	U	1000.00	U
NITROGLYCERIN	2.80	U	2.70	U	2.70	U	2.70	U	2.70	U	2.70	U	2.60	U	2.90	U
PETN	1.40	U	1.30	U	1.30	U	1.30	U	1.30	U	1.30	U	1.30	U	1.40	U
PICRAMIC ACID	1.10	U	1.10	U	1.10	U	1.10	U	1.00	U	1.10	U	1.10	U	1.10	U
PICRIC ACID	1.10	U	1.10	U	1.10	U	1.10	U	1.00	U	1.10	U	1.10	U	1.10	U
RDX	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
TETRYL	0.56	U	0.54	U	0.54	U	0.53	U	0.53	U	0.53	U	0.52	U	0.57	U
METALS (ug/l)																
ANTIMONY	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
ARSENIC	1.10	U	1.30		1.70		1.10	U	45.20		34.40		1.10	U	1.10	U
BARIUM	72.40	J	60.10	J	29.90	J	32.50	J	61.60	J	54.70	J	23.00	J	39.50	J
BERYLLIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
CADMIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
CHROMIUM	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U
COBALT	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U
COPPER	2.20	U	2.20	U	2.20	U	2.20	U	4.30		2.20	U	2.20	U	2.20	U
LEAD	2.00		4.70		1.10	U	1.10	U	1.10	U	1.10	U	1.20		1.10	U
MANGANESE	25.50		16.70	U	102.00		417.00		535.00		615.00		302.00		16.70	U
MERCURY	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U
SELENIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
SILVER	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U
THALLIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
TIN	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U
VANADIUM	3.20		2.20	U	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U
ZINC	55.50	J	12.30	J	11.10	U	11.10	U	11.10	U	11.10	U	23.00	J	11.10	U
DISSOLVED METALS (ug/l)																
ANTIMONY (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	2.40		1.00	U	1.00	U	1.00	U
ARSENIC (FILTERED)	1.00	U	1.10		1.30		1.00	U	35.60		42.30		1.00	U	1.00	U
BARIUM (FILTERED)	37.80	J	45.40	J	31.30	J	34.80	J	59.40	J	62.10	J	22.40	J	42.90	J
BERYLLIUM (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.60		1.00	U	1.00	U
CHROMIUM (FILTERED)	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
COBALT (FILTERED)	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U
COPPER (FILTERED)	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U
LEAD (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
MANGANESE (FILTERED)	15.00	U	15.00	U	96.60		419.00		531.00		616.00		303.00		16.10	
MERCURY (FILTERED)	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL (FILTERED)	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U
SELENIUM (FILTERED)	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN
SILVER (FILTERED)	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U
THALLIUM (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
TIN (FILTERED)	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U
VANADIUM (FILTERED)	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U
ZINC (FILTERED)	10.00	UN	10.00	UN	10.00	UN	10.00	UN	100.00	UN	10.00	UN	10.00	UN	10.00	UN
MISCELLANEOUS INORGANICS (mg/l)																
AMMONIA AS N (EPA 350.1)	0.26		0.33		0.02	U	0.18		0.40		0.34		0.08		0.02	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
SULFIDE AS S	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
MISCELLANEOUS ORGANICS (mg/l)																
TOTAL ORGANIC CARBON	1.00	U	1.00	U	1.00	U	1.00	U	1.20		1.10		1.00	U	1.00	U
TOTAL ORGANIC HALOGENS	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

Location	06C15		06C15		06C16		06C16		06C18		06C18P2		06C19		06C19P2	
Aquifer	BC/BC		BC/BC		BC/BC		BC/BC		BC/BC		UPPER B/C		BEECH CREEK		UPPER B/C	
Matrix	GW		GW		GW		GW		GW		GW		GW		GW	
Sample Number	OC154A04		FD11160401		OC164A04		FD11230402		OC184A04		OC18P24A03		OC194A04		OC19P24A04	
SA Code	DUPLICATE		DUPLICATE		DUPLICATE		DUPLICATE		NORMAL		NORMAL		MS/MSD		NORMAL	
Sample Date	11/16/2004		11/16/2004		11/23/2004		11/23/2004		10/20/2004		10/26/2004		12/6/2004		11/23/2004	
VOLATILE ORGANIC COMPOUNDS (ug/l)																
1,1,1,2-TETRACHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-TRICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-TETRACHLOROETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
1,1,2-TRICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-DICHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-DICHLOROETHENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-TRICHLOROBENZENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-TRICHLOROPROPANE	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-DIBROMOETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-DICHLOROETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
1,2-DICHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-DIOXANE	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U	100.00	U
2,2-DICHLOROPROPANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
2-BUTANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
2-HEXANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
4-METHYL-2-PENTANONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ACETONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ACETONITRILE	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
ACROLEIN	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ
ACRYLONITRILE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ALLYL CHLORIDE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
BENZENE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
BROMOCHLOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
BROMODICHLOROMETHANE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
BROMOFORM	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
BROMOMETHANE	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
CARBON DISULFIDE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CARBON TETRACHLORIDE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
CHLOROBENZENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CHLOROETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CHLOROFORM	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
CHLOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	1.30		0.30	J	0.50	U	0.50	U
CHLOROPRENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
DIBROMOCHLOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
DIBROMOMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
DICHLORODIFLUOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
ETHYL METHACRYLATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ETHYLBENZENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
IODOMETHANE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
ISOBUTYL ALCOHOL	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
METHACRYLONITRILE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
METHYL METHACRYLATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
METHYLENE CHLORIDE	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
PROPIONITRILE	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U	40.00	U
STYRENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TETRACHLOROETHENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TOLUENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRANS-1,3-DICHLOROPROPENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRANS-1,4-DICHLORO-2-BUTENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
TRICHLOROETHENE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
TRICHLOROFLUOROMETHANE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
VINYL ACETATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
VINYL CHLORIDE	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
XYLENE (TOTAL)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
EXPLOSIVES (ug/l)																
1,3,5-TRINITROBENZENE	1.10		1.10		0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
1,3-DINITROBENZENE	0.53	U	0.55	U	0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
2,4,6-TRINITROTOLUENE	6.20		6.20		0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
2,4-DINITROTOLUENE	0.53	U	0.55		0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
2,6-DINITROTOLUENE	0.53	U	0.55	U	0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
2-AMINO-4,6-DINITROTOLUENE	2.90		2.90		0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
2-NITROTOLUENE	0.53	U	0.55	U	0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
3-NITROTOLUENE	0.53	U	0.55	U	0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
4-AMINO-2,6-DINITROTOLUENE	3.40		3.40		0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
4-NITROTOLUENE	0.53	U	0.55	U	0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
HMX	0.53	U	0.55	U	0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
NITROBENZENE	0.53	U	0.55	U	0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
NITROCELLULOSE IN WATER	1000.00	U	3500.00		1000.00	U	1000.00	U	1000.00	U	1000.00	U	1000.00	U	1000.00	U
NITROGLYCERIN	2.70	U	2.80	U	2.70	U	2.60	U	2.90	U	2.70	U	2.70	U	2.90	U
PETN	1.30	U	1.40	U	1.30	U	1.30	U	1.40	U	1.30	U	1.30	U	1.40	U
PICRAMIC ACID	1.10	U	1.10	U	1.00	U	1.10	U	1.10	U	1.00	U	1.00	U	1.10	U
PICRIC ACID	1.10	U	1.10	U	1.00	U	1.10	U	1.10	U	1.00	U	1.00	U	1.10	U
RDX	0.53	U	0.55	U	0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
TETRYL	0.53	U	0.55	U	0.53	U	0.52	U	0.57	U	0.53	U	0.54	U	0.56	U
METALS (ug/l)																
ANTIMONY	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
ARSENIC	1.10	U	1.10	U	1.10	U	1.10	U	2.20		16.70		1.30		2.40	
BARIUM	28.80	J	29.10	J	84.90	J	87.30	J	86.50	J	129.00	J	34.70	J	35.20	J
BERYLLIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
CADMIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
CHROMIUM	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U	5.60	U
COBALT	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U
COPPER	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U
LEAD	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
MANGANESE	16.70	U	16.70	U	16.70	U	16.70	U	144.00		600.00		250.00		123.00	
MERCURY	0.20	U	0.20	U	0.20	U	0.20	U	0.20	UNJ	0.20	UN	0.20	UNJ	0.20	U
NICKEL	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U
SELENIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
SILVER	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U	3.30	U
THALLIUM	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
TIN	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U
VANADIUM	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U	2.20	U
ZINC	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U	11.10	U
DISSOLVED METALS (ug/l)																
ANTIMONY (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	2.60		1.00	U	1.00	U	1.00	U
ARSENIC (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	2.60		20.70		1.20		2.70	
BARIUM (FILTERED)	30.60	J	30.60	J	91.40	J	93.30	J	92.10	J	138.00	J	36.90	J	38.20	J
BERYLLIUM (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
CHROMIUM (FILTERED)	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
COBALT (FILTERED)	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U
COPPER (FILTERED)	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U
LEAD (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
MANGANESE (FILTERED)	15.00	U	15.00	U	15.00	U	15.00	U	137.00		592.00		252.00		121.00	
MERCURY (FILTERED)	0.20	U	0.20	U	0.20	U	0.20	U	0.20	UNJ	0.20	UN	0.20	UNJ	0.20	U
NICKEL (FILTERED)	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U
SELENIUM (FILTERED)	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN	1.00	UN
SILVER (FILTERED)	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U
THALLIUM (FILTERED)	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
TIN (FILTERED)	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U	10.00	U
VANADIUM (FILTERED)	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U
ZINC (FILTERED)	10.00	UN	10.00	UN	10.00	UN	10.00	UN	10.00	UN	10.00	UN	10.00	UN	10.00	UN
MISCELLANEOUS INORGANICS (mg/l)																
AMMONIA AS N (EPA 350.1)	0.02	U	0.02	U	0.40		0.79		0.23		1.10		0.10		0.10	
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
SULFIDE AS S	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
MISCELLANEOUS ORGANICS (mg/l)																
TOTAL ORGANIC CARBON	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	2.60		1.00	U	1.00	U
TOTAL ORGANIC HALOGENS	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.10		0.05	U	0.05	U

TABLE 6.2.5
APPENDIX IX: OLD RIFLE RANGE
FOURTH QUARTER 2004

	OC084A04 06C08		OC114A04 06C11		OC11P24A04 06C11P2		OC124A04 06C12		OC134A04 06C13		OC13P24A04 06C13P2		OC144A04 06C14		OC14P24A04 06C14P2		OC154A04 06C15		FD11160401 06C15		OC164A04 06C16		FD11230402 06C16		OC184A04 06C18		OC18P24A04 06C18P2		OC194A04 06C19		OC19P24A04 06C19P2	
SEMI-VOLATILES (ug/l)																																
1,2,4,5-TETRACHLOROBENZENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
1,2,4-TRICHLOROBENZENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
1,2-DICHLOROBENZENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
1,3-DICHLOROBENZENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
1,4-DICHLOROBENZENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
1,4-NAPHTHOQUINONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
1,4-PHENYLENEDIAMINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
1-NAPHTHYLAMINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2,3,4,6-TETRACHLOROPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2,4,5-TRICHLOROPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2,4,6-TRICHLOROPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2,4-DICHLOROPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2,4-DIMETHYLPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2,4-DINITROPHENOL	10.00	U	11.00	U	11.00	U	11.00	U	10.00	U	10.00	U	10.00	U	10.00	U	11.00	U	11.00	U	11.00	U	11.00	U	10.00	U	10.00	U	11.00	U	11.00	U
2,6-DICHLOROPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2-ACETYLAMINOFLUORENE	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	6.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	6.00	UJ
2-CHLORONAPHTHALENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2-CHLOROPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2-METHYLPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2-NAPHTHYLAMINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2-NITROANILINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2-NITROPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
2-PICOLINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
3,3'-DICHLOROBENZIDINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
3,3-DIMETHYLBENZIDINE	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	5.00	UJ	6.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	6.00	UJ
3,4-METHYLPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
3-METHYLCHOLANTHENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
3-NITROANILINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
4,6-DINITRO-2-METHYLPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
4-AMINOBIPHENYL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
4-BROMOPHENYL-PHENYLETHER	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
4-CHLORO-3-METHYLPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
4-CHLOROANILINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
4-CHLOROPHENYL-PHENYLETHER	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
4-NITROANILINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
4-NITROPHENOL	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	6.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	6.00	UJ
4-NITROQUINOLINE-1-OXIDE	5.00	U	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	U	5.00	UR	5.00	UR	5.00	U	6.00	U	5.00	U	5.00	UR	5.00	UR	5.00	UR	6.00	U
5-NITRO-O-TOLUIDINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
7,12-DIMETHYLBENZ(A)ANTHRACENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
A,A-DIMETHYLPHENETHYLAMINE	10.00	U	11.00	UJ	11.00	U	11.00	U	10.00	U	10.00	U	10.00	U	10.00	UJ	11.00	UJ	11.00	U	11.00	U	11.00	U	10.00	U	10.00	U	11.00	U	11.00	U
ACETOPHENONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
ANILINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
ARAMITE A	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
ARAMITE B	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	U	6.00	U
BENZYL ALCOHOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
BIS(2-CHLOROETHOXY)METHANE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
BIS(2-CHLOROETHYL)ETHER	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
BIS(2-CHLOROISOPROPYL)ETHER	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	U	6.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	U	6.00	U
BUTYLBENZYLPHTHALATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	U	6.00	U
CHLOROBENZILATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
CIS-ISOSAFROLE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
DIALLATE A	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
DIALLATE B	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
DIBENZOFURAN	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
DIETHYLPHTHALATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
DIMETHOATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
DIMETHYLPHTHALATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
DI-N-BUTYLPHTHALATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
DI-N-OCTYLPHTHALATE	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	UJ	6.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	6.00	UJ
DIPHENYLAMINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
DISULFOTON	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
ETHYL METHANESULFONATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
ETHYL PARATHION	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	6.00	U
FAMPHUR A	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	6.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	6.00	UR
FAMPHUR B	10.00	UR	11.00	UR	11.00	UR	11.00	UR	10.00	UR	10.00	UR	10.00	UR	10.00	UR	11.00	UR	11.00	UR	11.00	UR	11.00	UR	10.00	UR	10.00	UR	11.00	UR	11.00	UR
HEXACHLOROBENZENE	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	6.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	6.00	UJ
HEXACHLOROBUTADIENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
HEXACHLOROCYCLOPENTADIENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
HEXACHLOROETHANE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
HEXACHLOROPROPENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
ISODRIN	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
ISOPHORONE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
KEPONE	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	6.00	UR	5.00	UR	5.00	UR	5.00	UR	5.00	UR	6.00	UR
METHAPYRILENE	5.00	UJ	5.00	UJ	5.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	5.00	UJ	6.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	UJ	6.00	UJ
METHYL METHANESULFONATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
METHYL PARATHION	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
N-NITROSODIETHYLAMINE	5.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
N-NITROSODIMETHYLAMINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
N-NITROSODI-N-BUTYLAMINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
N-NITROSO-DI-N-PROPYLAMINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
N-NITROSOMETHYLETHYLAMINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
N-NITROSOMORPHOLINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
N-NITROSOPIPERIDINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
N-NITROSOPYRROLIDINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
O-TOLUIDINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
P-(DIMETHYLAMINO)AZOBENZENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
PENTACHLOROBENZENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
PENTACHLOROETHANE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
PENTACHLORONITROBENZENE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
PENTACHLOROPHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
PHENACETIN	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
PHENOL	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
PHORATE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
PRONAMIDE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
PYRIDINE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	UJ	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	UJ	5.00	UJ	5.00	U	6.00	U
SAFROLE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
SULFOTEP	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
THIONAZIN	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	UJ	6.00	U
TRANS-ISOSAFROLE	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U	5.00	U	5.00	U	5.00	U	5.00	U	6.00	U
SEMI-VOLATILES (SIM-PNA) (ug/l)																																
2-METHYLNAPHTHALENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
ACENAPHTHENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
ACENAPHTHYLENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
ANTHRACENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
BENZO[A]ANTHRACENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
BENZO[A]PYRENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
BENZO[B]FLUORANTHENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
BENZO[G,H,I]PERYLENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
BENZO[K]FLUORANTHENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
CHRYSENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
DIBENZ[A,H]ANTHRACENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
FLUORANTHENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
FLUORENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
IDENO[1,2,3-CD]PYRENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
NAPHTHALENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
PHENANTHRENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
PYRENE	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
DIOXINS AND FURANS (pg/l)																																
2378-TCDD	1.5	U	2.4	U	2.3	U	1.7	U	2.7	U	4.8	UJ	1.5	U	2.6	U	1.4	U	2.60	J	3.9	UJ	3.0	U	2.4	U	3.0	U	2.1	U	2.2	UJ
12378-PeCDD	1.1	U	1.7	U	1.3	U	0.9	U	1.9	U	3.4	U	0.9	U	1.6	U	0.9	U	4.9	J	2.5	U	2.3	U	1.4	U	2.2	U	2.6	UJ	5.9	J
123478-HxCDD	1.3	U	1.6	U	1.7	U	1.1	U	2.2	U	3.9	U	1.1	U	1.9	U	0.9	U	0.8	U	2.5	U	2.2	U	1.5	U	2.8	U	1.5	U	1.8	U
123678-HxCDD	1.2	U	1.6	U	1.6	U	1.1	U	2.1	U	3.8	U	1.0	U	1.8	U	0.9	U	5.7	J	2.4	U	2.1	U	1.5	U	2.7	U	1.5	U	8.0	J
123789-HxCDD	1.2	U	1.5	U	1.5	U	1.0	U	2.0	U	3.6	U	1.0	U	1.8	U	0.9	U	0.8	U	2.4	U	2.1	U	1.4	U	2.6	U	3.9	J	1.7	U
1234678-HpCDD	4.6	UJ	4.3	UJ	2.6	U	1.7	U	3.4	U	6.1	U	1.7	U	3.2	U	4.6	UJ	6.5	UJ	3.5	U	3.1	U	2.8	U	4.4	U	3.1	UJ	8.4	J
OCDD	32.2	UJ	18.2	UJ	4.4	U	2.8	U	5.7	U	9.6	U	2.7	U	4.8	U	21.3	UJ	18.1	UJ	5.7	U	5.5	U	20.2	UJ	7.5	U	12.5	UJ	19.7	J
2378-TCDF	0.8	U	1.3	U	1.2	U	0.8	U	1.8	U	3.1	UJ	0.9	U	1.5	U	0.7	U	1.8	J	2.1	U	1.7	U	1.3	U	2.1	UJ	1.2	U	1.2	U
12378-PeCDF	0.9	U	1.3	U	1.3	U	0.8	U	1.8	U	3.2	U	0.8	U	1.5	U	0.7	U	5.8	J	2.1	U	1.7	U	1.3	U	2.0	U	2.6	UJ	4.5	J
23478-PeCDF	0.9	U	1.3	U	1.2	U	0.8	U	1.8	U	3.0	U	0.7	U	1.4	U	0.7	U	0.8	U	2.1	U	1.7	U	1.2	U	1.9	U	2.0	UJ	1.3	U
123478-HxCDF	0.8	U	1.2	U	1.1	U	0.8	U	1.5	U	2.9	U	0.7	U	1.2	U	0.7	U	0.6	U	1.8	U	1.6	U	1.1	U	1.9	U	3.1	UJ	1.1	U
123678-HxCDF	0.8	U	1.2	U	1.1	U	0.7	U	1.4	U	2.8	U	0.7	U	1.2	U	0.7	U	5.6	J	1.7	U	1.5	U	1.0	U	1.8	U	2.5	UJ	5.3	J
234678-HxCDF	0.8	U	1.1	U	1.0	U	0.7	U	1.3	U	2.6	U	0.6	U	1.1	U	0.6	U	0.5	U	1.6	U	1.4	U	0.9	U	1.7	U	2.1	UJ	1.0	U
123789-HxCDF	1.0	U	1.4	U	1.3	U	0.9	U	1.7	U	3.4	U	0.8	U	1.4	U	0.8	U	0.7	U	2.0	U	1.8	U	1.2	U	2.2	U	2.7	J	1.2	U
1234678-HpCDF	1.1	U	1.6	U	1.6	U	1.1	U	2.0	U	3.6	U	1.0	U	1.9	U	0.9	U	6.0	J	2.1	U	1.7	U	1.6	U	2.6	U	3.2	UJ	8.2	J
1234789-HpCDF	1.3	U	1.9	U	2.0	U	1.3	U	2.5	U	4.5	U	1.3	U	2.4	U	1.0	U	1.1	U	2.5	U	2.1	U	1.9	U	3.2	U	1.6	U	1.6	U
OCDF	2.4	U	3.8	U	3.3	U	2.1	U	4.3	U	7.3	U	2.0	U	3.6	U	2.0	U	9.3	UJ	4.4	U	4.2	U	3.3	U	5.7	U	2.4	U	15.6	J
TOTAL TCDD	1.5	U	2.4	U	2.3	U	1.7	U	2.7	U	4.8	U	1.5	U	2.6	U	1.4	U	2.6	U	3.9	U	3.0	U	2.4	U	3.0	U	2.1	U	2.2	U
TOTAL PeCDD	1.1	U	1.7	U	1.3	U	0.9	U	1.9	U	3.4	U	0.9	U	1.6	U	0.9	U	4.9		2.5	U	2.3	U	1.4	U	2.2	U	2.6	U	5.9	
TOTAL HxCDD	1.2	U	1.6	U	1.6	U	1.1	U	2.1	U	3.8	U	1.0	U	1.8	U	0.9	U	5.7		2.4	U	2.1	U	1.5	U	2.7	U	3.9	U	8.0	
TOTAL HpCDD	8.1	U	4.3	U	2.6	U	1.7	U	3.4	U	6.1	U	1.7	U	3.2	U	4.6	U	6.5	U	3.5	U	3.1	U	2.8	U	4.4	U	3.1	U	8.4	
TOTAL TCDF	0.8	U	1.3	U	1.2	U	0.8	U	1.8	U	3.1	U	0.9	U	1.5	U	0.7	U	1.8		2.1	U	1.7	U	1.3	U	2.1	U	1.2	U	1.2	U
TOTAL PeCDF	0.9	U	1.3	U	1.2	U	0.8	U	1.8	U	3.1	U	0.7	U	1.4	U	0.7	U	5.8		2.1	U	1.7	U	1.2	U	2.0	U	4.6	U	4.5	
TOTAL HxCDF	0.8	U	1.2	U	1.1	U	0.70	U	1.5	U	2.9	U	0.7	U	1.2	U	0.7	U	5.6		1.8	U	1.6	U	1.1	U	1.9	U	10.4		5.3	
TOTAL HpCDF	1.2	U	1.7	U	1.8	U	1.20	U	2.2	U	4.0	U	1.1	U	2.1	U	0.9	U	6.00		2.3	U	1.9	U	1.7	U	2.9	U	3.2		8.2	

TABLE 6.3.1
SUMMARY OF PARAMETERS ANALYZED
FIRST QUARTER 2004 MONITORING EVENT
DEMOLITION RANGE

000987XB04Y

Location	06C02	06C03	06C03P2	06C04	06C04	06C04P2	06C05	06C06	06C06	06C06P2	06C07	06C08	06C08P2
Aquifer	LOWER PENN/ BEECH CREEK	BIG CLIFTY/ BEECH CREEK	GOLCONDA/ HANEY	BIG CLIFTY/ BEECH CREEK	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	DC021A04	DC031A04	DC03P21A04	DC041A04	FD01140401	DC04P21A04	DC051A04	DC061A04	FD01080401	DC06P21A04	DC071A04	DC081A04	DC08P21A04
SA Code	NORMAL	MS/MSD	NORMAL	DUPLICATE	DUPLICATE	NORMAL	NORMAL	DUPLICATE	DUPLICATE	NORMAL	NORMAL	NORMAL	NORMAL
Sample Date	1/12/2004	1/20/2004	1/20/2004	1/14/2004	1/14/2004	1/13/2004	1/6/2004	1/8/2004	1/8/2004	1/12/2004	1/7/2004	1/21/2004	1/1/15/04
ENERGETICS													
1,3,5-TRINITROBENZENE	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
1,3-DINITROBENZENE	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
2,4,6-TRINITROTOLUENE	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
2,4-DINITROTOLUENE	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
2,6-DINITROTOLUENE	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
2-AMINO-4,6-DINITROTOLUENE	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
2-NITROTOLUENE	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
3-NITROTOLUENE	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
4-AMINO-2,6-DINITROTOLUENE	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
4-NITROTOLUENE	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
HMX	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
NITROBENZENE	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
NITROCELLULOSE IN WATER	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ	1000.00000 UJ
NITROGLYCERIN	2.80000 U	2.60000 U	2.70000 U	2.70000 U	2.60000 U	2.80000 U	2.70000 U	2.80000 U	2.80000 U	2.60000 U	2.70000 U	2.90000 U	2.60000 U
PETN	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.40000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.40000 U	1.30000 U
RDX	0.54000 U	0.51999 U	0.54000	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
TETRYL	0.54000 U	0.51999 U	0.54000 U	0.52999 U	0.50999 U	0.56000 U	0.54000 U	0.54000 U	0.54000 U	0.51999 U	0.54000 U	0.56999 U	0.50999 U
METALS (ug/l)													
ALUMINUM	222.00000 U	222.00000 U	222.00000 U	222.00000 U	222.00000 U	222.00000 U	222.00000 U	222.00000 U	222.00000 U	222.00000 U	222.00000 U	15100.00000	336.00000
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	16.20000	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	1.20000
BARIUM	94.30000	78.00000	85.10000	148.00000	147.00000	39.30000	63.00000	29.10000	29.20000	12.10000	234.00000	79.10000	10.50000
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	1.10000 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	56.20000	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	2.10000	1.10000 U
MANGANESE	88.00000	454.00000	16.70000 U	190.00000	189.00000	22.80000	16.70000 U	21.70000	23.10000	16.70000 U	16.70000 U	29.50000	548.00000
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	25.00000
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	3.60000	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	11.10000 U	11.10000 U	49.90000	44.60000
DISSOLVED METALS (ug/l)													
ALUMINUM	200.00000 U	200.00000 U	200.00000 U	200.00000 U	200.00000 U	200.00000 U	200.00000 U	200.00000 U	200.00000 U	200.00000 U	200.00000 U	200.00000 U	331.00000
ANTIMONY	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	1.00000 U	1.00000 U
ARSENIC	1.00000 UEJ	20.70000 EJ	1.00000 UEJ	1.00000 UEJ	1.00000 UEJ	1.00000 UEJ	1.00000 UEJ	1.00000 UEJ	1.00000 UEJ	1.00000 UEJ	1.00000 UEJ	1.00000 UEJ	1.60000 EJ
BARIUM	102.00000	84.00000	87.80000	154.00000	157.00000	36.70000	67.80000	30.20000	30.90000	12.20000	246.00000	37.10000	10.80000
BERYLLIUM	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CADMIUM	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CHROMIUM	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U
COBALT	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	6.20000
COPPER	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
LEAD	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
MANGANESE	91.90000	451.00000	15.00000 U	194.00000	195.00000	21.60000	15.00000 U	19.90000	21.80000	15.00000 U	15.00000 U	15.00000 U	571.00000
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	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	24.50000
SELENIUM	1.00000 UN	1.00000 UNJ	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN	1.00000 UN
SILVER	3.00000 UN	3.00000 UNJ	3.00000 UN	3.00000 UN	3.00000 UN	3.00000 UN	3.00000 UN	3.00000 UN	3.00000 UN	3.00000 UN	3.00000 UN	3.00000 UN	3.00000 UN
THALLIUM	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TIN	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
VANADIUM	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
ZINC	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	29.00000	10.00000 U	10.00000 U	10.00000 U	76.70000	10.00000 U	37.30000
MISC. INORGANICS													
CYANIDE (METHOD 9012)	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ	0.00999 UJ
TOTAL ORGANIC CARBON	1.00000 U	2.20000	1.00000 U	1.30000	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	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ

TABLE 6.3.2
SUMMARY OF PARAMETERS ANALYZED
THIRD QUARTER 2004 MONITORING EVENT
DEMOLITION RANGE

Location	06C02	06C03	06C03	06C03P2	06C04	06C04	06C04P2	06C05	06C06	06C06P2	06C07	06C08	06C08P2
Aquifer	LOWER PENN / BEECH CREEK	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/BEECH CREEK	GOLCONDA/ HANEY	BIG CLIFTY/ BEECH CREEK	BIG CLIFTY/BEECH CREEK	GOLCONDA/ HANEY	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	DC023A04	DC033A04	FD07210401	DC03P23A04	DC043A04	FD07150401	DC04P23A04	DC053A04	DC063A04	DC06P23A04	DC073A04	DC083A04	DC08P23A04
SA Code	MS/MSD	DUPLICATE	DUPLICATE	NORMAL	DUPLICATE	DUPLICATE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
Sample Date	7/28/2004	7/21/2004	7/21/2004	7/29/2004	7/15/2004	7/15/2004	7/21/2004	7/9/2004	7/8/2004	7/20/2004	7/13/2004	8/2/2004	7/27/2004
ENERGETICS (ug/l)													
1,3,5-TRINITROBENZENE	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
1,3-DINITROBENZENE	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
2,4,6-TRINITROTOLUENE	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
2,4-DINITROTOLUENE	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
2,6-DINITROTOLUENE	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
2-AMINO-4,6-DINITROTOLUENE	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
2-NITROTOLUENE	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
3-NITROTOLUENE	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
4-AMINO-2,6-DINITROTOLUENE	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
4-NITROTOLUENE	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
HMX	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
NITROBENZENE	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
NITROCELLULOSE IN WATER	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	2.70000 U	2.70000 U	2.70000 U	2.70000 U	2.70000 U	2.70000 U	2.80000 U	2.70000 U	2.80000 U	2.70000 U	2.70000 U	2.70000 U	2.70000 U
PETN	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U	1.40000 U	1.30000 U	1.40000 U	1.30000 U	1.30000 U	1.30000 U	1.30000 U
RDX	0.54000 U	0.52999 U	0.52999 U	0.79000	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 U	0.52999 U
TETRYL	0.54000 U	0.52999 U	0.52999 U	0.52999 U	0.52999 U	0.54000 U	0.55000 U	0.52999 U	0.56000 U	0.52999 U	0.52999 U	0.54000 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	1.10000 U	1.10000 U	1.10000 U	1.10000 U
ARSENIC	1.10000 U	13.60000	15.70000	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	1.20000
BARIUM	107.00000	82.70000	83.70000	98.30000	163.00000	162.00000	46.60000	69.30000	28.40000	11.90000	207.00000	39.40000	12.10000
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	1.10000 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
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	5.10000	2.80000	3.40000	2.20000 U	2.50000	3.60000	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	1.10000 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	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	25.10000
SELENIUM	1.10000 U	1.30000	1.30000	1.90000	1.40000	1.40000	2.00000	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	199.00000	11.10000 U	11.10000 U	11.10000 U	11.10000 U	11.10000 U	31.30000
DISSOLVED METALS (ug/l)													
ANTIMONY	1.00000 U	1.10000	1.00000 U	1.70000	1.00000 U	1.00000 U	1.00000 U	1.30000	1.70000	1.00000 U	1.00000 U	2.30000	1.00000 U
ARSENIC	1.00000 U	18.00000	18.50000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.20000
BARIUM	95.90000	73.10000	74.60000	82.70000	149.00000	152.00000	37.30000	64.50000	24.70000	11.20000	229.00000	33.20000	11.20000
BERYLLIUM	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CADMIUM	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
CALCIUM	71300.00000	44900.00000	48600.00000	100000.00000	76100.00000	74600.00000	65800.00000	9810.00000	1580.00000	6040.00000	5130.00000	3450.00000	7830.00000
CHROMIUM	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U	5.00000 U
COBALT	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	6.20000
COPPER	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
LEAD	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
MAGNESIUM	12500.00000	11000.00000	10800.00000	19600.00000	17600.00000	17500.00000	60600.00000	2600.00000	1210.00000	3300.00000	5120.00000	2450.00000	4780.00000
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	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	24.20000
POTASSIUM	1000.00000 U	1000.00000 U	1000.00000 U	1110.00000	1210.00000	1210.00000	2760.00000	1000.00000 U	1000.00000 U	1000.00000 U	2020.00000	1150.00000	2540.00000
SELENIUM	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
SILVER	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U	3.00000 U
SODIUM	22600.00000	18900.00000	18500.00000	11500.00000	38900.00000	37400.00000	58700.00000	159000.00000	184000.00000	8260.00000	144000.00000	160000.00000	5120.00000
THALLIUM	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TIN	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U
VANADIUM	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U	2.00000 U
ZINC	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	10.00000 U	31.20000
MISCELLANEOUS INORGANICS (mg/l)													
CYANIDE (METHOD 9012)	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U	0.00999 U
TOTAL ORGANIC CARBON	1.00000 U	2.20000	2.30000	1.00000 U	1.00000 U	1.50000	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U	1.00000 U
TOTAL ORGANIC HALOGENS	0.05000 U	0.05000 UJ	0.05000 UJ	0.05000 U	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 UJ	0.05000 U	0.05000 UJ	0.05000 UJ	0.05000 U	0.05000 UJ