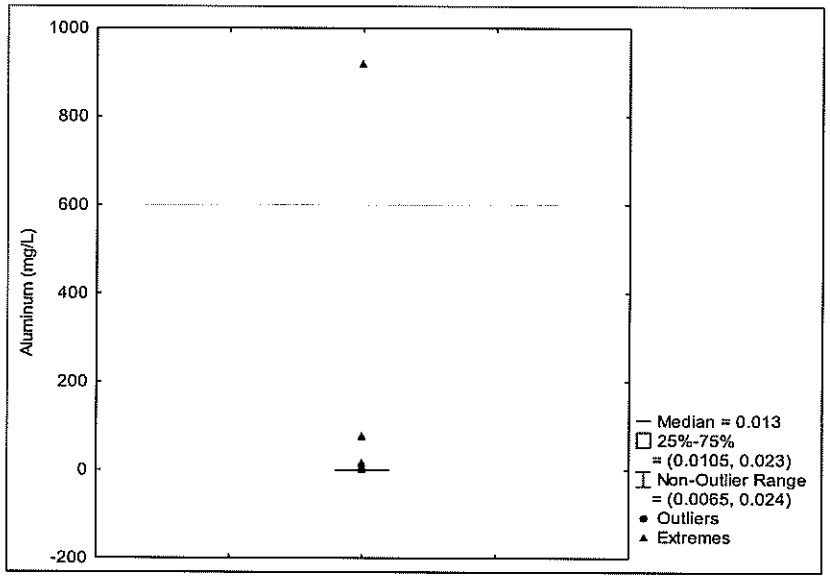
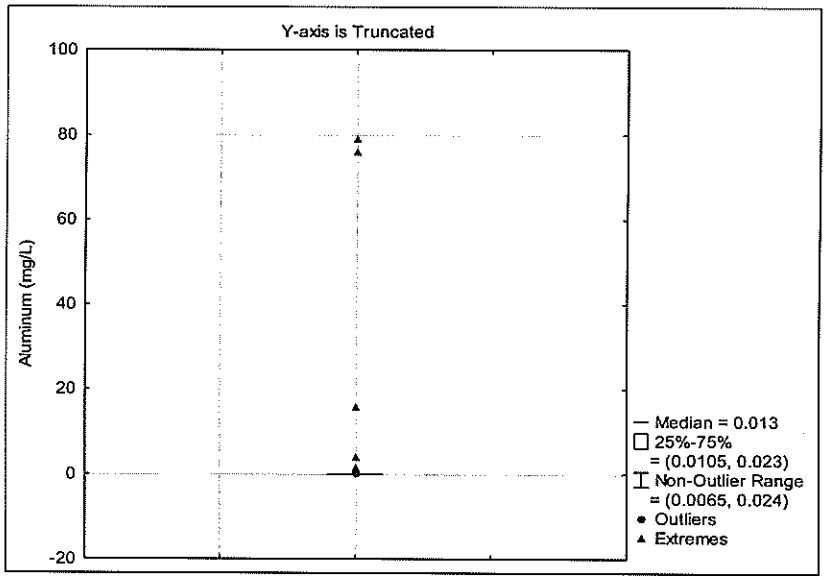
Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Aluminum (mg/L)
B/W-13	12/12/2005	< 0.04
B/W-14	12/13/2005	0.056
B/W-15	12/12/2005	< 0.04
PA-GW10	11/8/2004	< 0.013
PA-GW11	11/10/2004	< 0.013
PA-GW12	12/18/2004	< 0.021
PA-GW13	1/8/2005	< 0.021
PA-GW14	2/8/2005	< 0.021
PA-GW15	11/19/2004	< 0.026
PA-GW16	11/18/2004	< 0.026
PA-GW17	11/12/2004	< 0.03
PA-GW18	1/23/2005	1.4
PA-GW19	12/6/2004	< 0.013
PA-GW20	12/1/2004	< 0.039
PA-GW21	11/24/2004	4.1
PA-GW22	11/22/2004	< 0.013
PA-GW23	12/4/2004	16
PA-GW24	11/16/2004	< 0.048
PA-GW25	12/7/2004	< 0.039
PA-GW26	12/14/2004	< 0.013
PA-GW27	1/4/2005	< 0.021
PA-GW4	11/4/2004	920
PA-GW5	11/21/2004	< 0.033
PA-GW6	1/5/2005	< 0.021
PA-GW7	10/29/2004	76
PA-GW8	11/2/2004	79
PA-GW9	1/22/2005	< 0.021
PA-MW-1	2/7/2005	< 0.021
PA-MW-2	2/9/2005	< 0.021
PA-MW-3	2/9/2005	< 0.021

Number of observations	30
Number of detects	7
Percent detects	23
Minimum detect	0.056
Maximum detect	920
Miniumum nondetect	0.013
Maximum nondetect	0.048
Mean B/W 13 thru B/W 15*	0.032
3 x Mean B/W 13 thru B/W 15	0.096

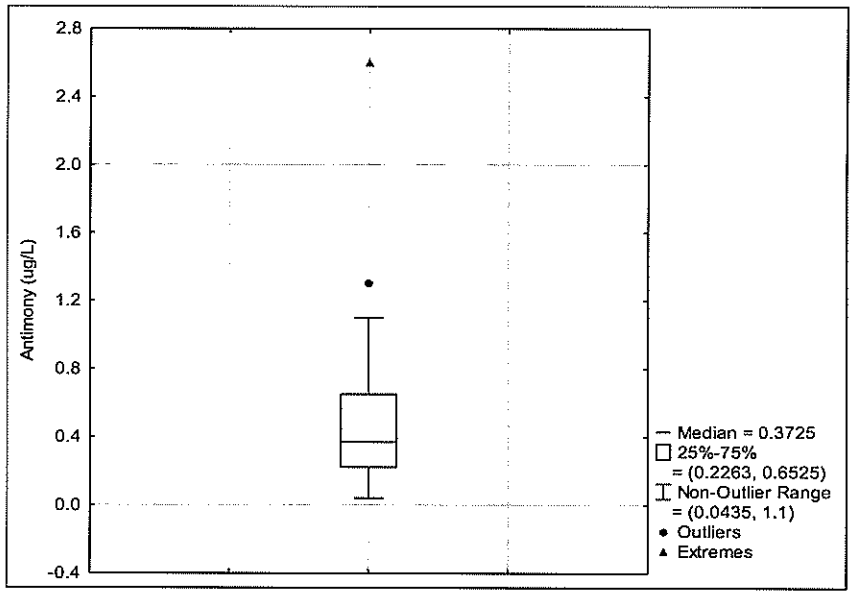
Notes:
< X = < MDL
*nondetects = 1/2 MDL





Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Antimony (ug/L)
B/W-13	12/12/2005	0.4
B/W-14	12/13/2005	0.25
B/W-15	12/12/2005	0.47
PA-GW10	11/8/2004	0.96
PA-GW11	11/10/2004	0.82
PA-GW12	12/18/2004	1.3
PA-GW13	1/8/2005	2.6
PA-GW14	2/8/2005	< 0.62
PA-GW15	11/19/2004	< 0.62
PA-GW16	11/18/2004	< 0.46
PA-GW17	11/12/2004	< 0.4
PA-GW18	1/23/2005	< 0.087
PA-GW19	12/6/2004	0.61
PA-GW20	12/1/2004	0.63
PA-GW21	11/24/2004	0.61
PA-GW22	11/22/2004	0.84
PA-GW23	12/4/2004	< 0.84
PA-GW24	11/16/2004	< 0.24
PA-GW25	12/7/2004	0.66
PA-GW26	12/14/2004	0.4
PA-GW27	1/4/2005	< 0.69
PA-GW4	11/4/2004	< 0.2
PA-GW5	11/21/2004	1.1
PA-GW6	1/5/2005	0.78
PA-GW7	10/29/2004	< 0.24
PA-GW8	11/2/2004	0.3
PA-GW9	1/22/2005	< 0.18
PA-MW-1	2/7/2005	< 0.18
PA-MW-2	2/9/2005	< 0.59
PA-MW-3	2/9/2005	< 0.45



Number of observations	30
Number of detects	16
Percent detects	53
Minimum detect	0.25
Maximum detect	2.6
Miniumum nondetect	0.087
Maximum nondetect	0.84
Mean B/W 13 thru B/W 15*	0.37
3 x Mean B/W 13 thru B/W 15	1.1

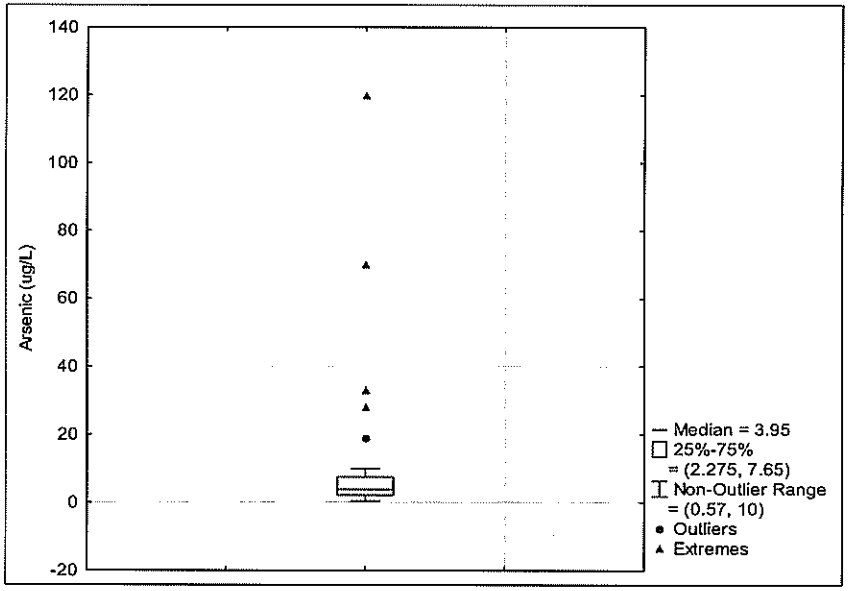
Notes:
< X = < MDL
*nondetects = 1/2 MDL

Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Arsenic (ug/L)
B/W-13	12/12/2005	6.1
B/W-14	12/13/2005	120
B/W-15	12/12/2005	7.5
PA-GW10	11/8/2004	2.6
PA-GW11	11/10/2004	3.6
PA-GW12	12/18/2004	1.3
PA-GW13	1/8/2005	3.5
PA-GW14	2/8/2005	0.57
PA-GW15	11/19/2004	2.2
PA-GW16	11/18/2004	7.9
PA-GW17	11/12/2004	3.4
PA-GW18	1/23/2005	7.7
PA-GW19	12/6/2004	4
PA-GW20	12/1/2004	1.6
PA-GW21	11/24/2004	7.5
PA-GW22	11/22/2004	3.9
PA-GW23	12/4/2004	4.2
PA-GW24	11/16/2004	6.2
PA-GW25	12/7/2004	1.6
PA-GW26	12/14/2004	1.1
PA-GW27	1/4/2005	1.3
PA-GW4	11/4/2004	70
PA-GW5	11/21/2004	19
PA-GW6	1/5/2005	1.6
PA-GW7	10/29/2004	33
PA-GW8	11/2/2004	28
PA-GW9	1/22/2005	2.5
PA-MW-1	2/7/2005	3.9
PA-MW-2	2/9/2005	10
PA-MW-3	2/9/2005	7.2

Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	0.57
Maximum detect	120
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	45
3 x Mean B/W 13 thru B/W 15	134

Notes:
< X = < MDL
*nondetects = 1/2 MDL

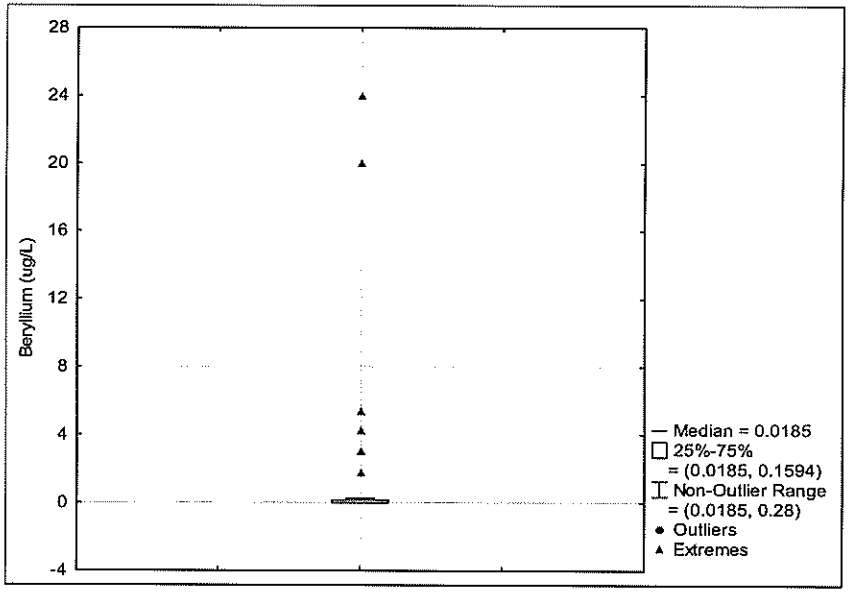


Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Beryllium (ug/L)
B/W-13	12/12/2005	< 0.075
B/W-14	12/13/2005	< 0.075
B/W-15	12/12/2005	< 0.075
PA-GW10	11/8/2004	< 0.037
PA-GW11	11/10/2004	< 0.037
PA-GW12	12/18/2004	< 0.037
PA-GW13	1/8/2005	< 0.037
PA-GW14	2/8/2005	< 0.037
PA-GW15	11/19/2004	< 0.037
PA-GW16	11/18/2004	< 0.037
PA-GW17	11/12/2004	< 0.037
PA-GW18	1/23/2005	5.4
PA-GW19	12/6/2004	0.2
PA-GW20	12/1/2004	< 0.037
PA-GW21	11/24/2004	0.28
PA-GW22	11/22/2004	< 0.037
PA-GW23	12/4/2004	24
PA-GW24	11/16/2004	1.8
PA-GW25	12/7/2004	< 0.037
PA-GW26	12/14/2004	< 0.037
PA-GW27	1/4/2005	< 0.037
PA-GW4	11/4/2004	20
PA-GW5	11/21/2004	< 0.037
PA-GW6	1/5/2005	< 0.037
PA-GW7	10/29/2004	4.3
PA-GW8	11/2/2004	3.1
PA-GW9	1/22/2005	< 0.037
PA-MW-1	2/7/2005	< 0.037
PA-MW-2	2/9/2005	< 0.037
PA-MW-3	2/9/2005	< 0.037

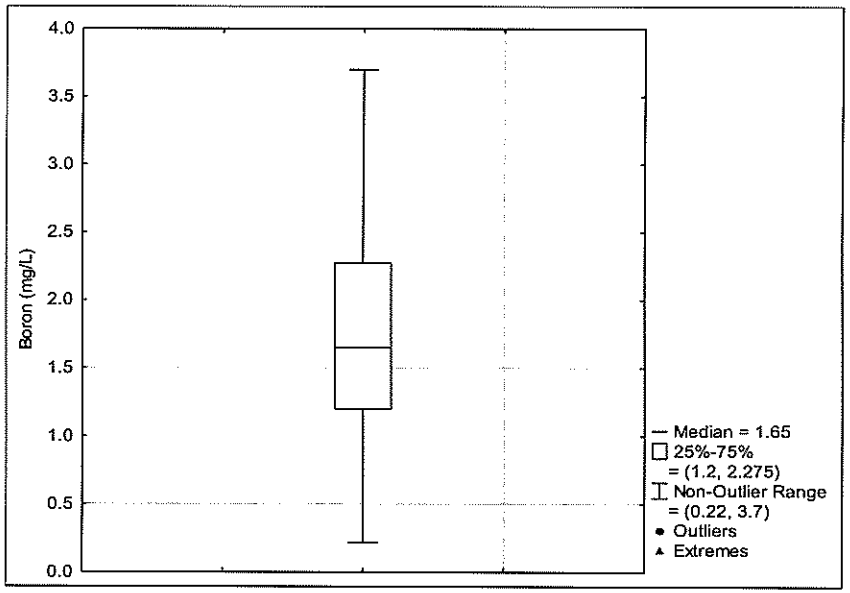
Number of observations	30
Number of detects	8
Percent detects	27
Minimum detect	0.2
Maximum detect	24
Miniumum nondetect	0.037
Maximum nondetect	0.075
Mean B/W 13 thru B/W 15*	0.038
3 x Mean B/W 13 thru B/W 15	0.11

Notes:
< X = < MDL
*nondetects = 1/2 MDL



Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Boron (mg/L)
B/W-13	12/12/2005	0.46
B/W-14	12/13/2005	0.3
B/W-15	12/12/2005	0.22
PA-GW10	11/8/2004	3.7
PA-GW11	11/10/2004	2.3
PA-GW12	12/18/2004	2.3
PA-GW13	1/8/2005	2.8
PA-GW14	2/8/2005	0.32
PA-GW15	11/19/2004	2.2
PA-GW16	11/18/2004	1.4
PA-GW17	11/12/2004	0.4
PA-GW18	1/23/2005	2.1
PA-GW19	12/6/2004	2.4
PA-GW20	12/1/2004	1.8
PA-GW21	11/24/2004	1.6
PA-GW22	11/22/2004	1.5
PA-GW23	12/4/2004	1.7
PA-GW24	11/16/2004	1.2
PA-GW25	12/7/2004	2.5
PA-GW26	12/14/2004	2.4
PA-GW27	1/4/2005	2.1
PA-GW4	11/4/2004	1.6
PA-GW5	11/21/2004	1.2
PA-GW6	1/5/2005	2.2
PA-GW7	10/29/2004	3.1
PA-GW8	11/2/2004	0.96
PA-GW9	1/22/2005	1.2
PA-MW-1	2/7/2005	1.1
PA-MW-2	2/9/2005	1.3
PA-MW-3	2/9/2005	2



Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	0.22
Maximum detect	3.7
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	0.33
3 x Mean B/W 13 thru B/W 15	0.98

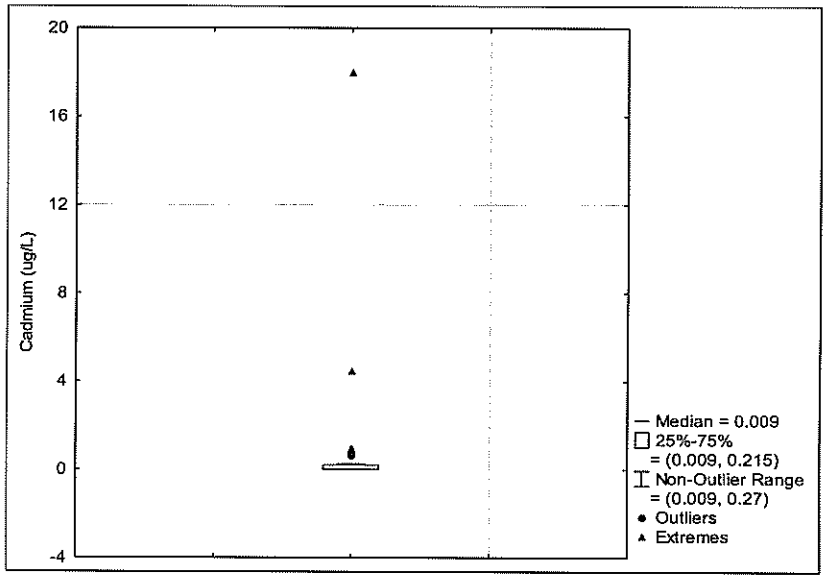
Notes:
< X = < MDL
*nondetects = 1/2 MDL

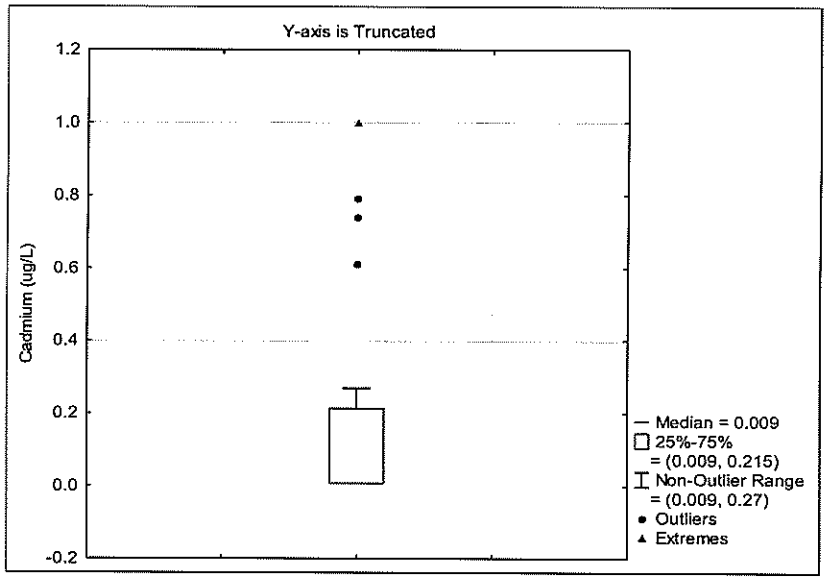
Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Cadmium (ug/L)
B/W-13	12/12/2005	0.062
B/W-14	12/13/2005	< 0.025
B/W-15	12/12/2005	0.032
PA-GW10	11/8/2004	< 0.018
PA-GW11	11/10/2004	< 0.018
PA-GW12	12/18/2004	< 0.018
PA-GW13	1/8/2005	< 0.018
PA-GW14	2/8/2005	0.24
PA-GW15	11/19/2004	< 0.018
PA-GW16	11/18/2004	< 0.018
PA-GW17	11/12/2004	0.12
PA-GW18	1/23/2005	0.74
PA-GW19	12/6/2004	0.27
PA-GW20	12/1/2004	0.61
PA-GW21	11/24/2004	0.14
PA-GW22	11/22/2004	< 0.018
PA-GW23	12/4/2004	18
PA-GW24	11/16/2004	0.028
PA-GW25	12/7/2004	< 0.018
PA-GW26	12/14/2004	< 0.018
PA-GW27	1/4/2005	< 0.018
PA-GW4	11/4/2004	4.5
PA-GW5	11/21/2004	< 0.018
PA-GW6	1/5/2005	< 0.018
PA-GW7	10/29/2004	1
PA-GW8	11/2/2004	0.79
PA-GW9	1/22/2005	< 0.018
PA-MW-1	2/7/2005	< 0.018
PA-MW-2	2/9/2005	< 0.018
PA-MW-3	2/9/2005	< 0.018

Number of observations	30
Number of detects	13
Percent detects	43
Minimum detect	0.028
Maximum detect	18
Miniumum nondetect	0.018
Maximum nondetect	0.025
Mean B/W 13 thru B/W 15*	0.036
3 x Mean B/W 13 thru B/W 15	0.11

Notes:
< X = < MDL
*nondetects = 1/2 MDL



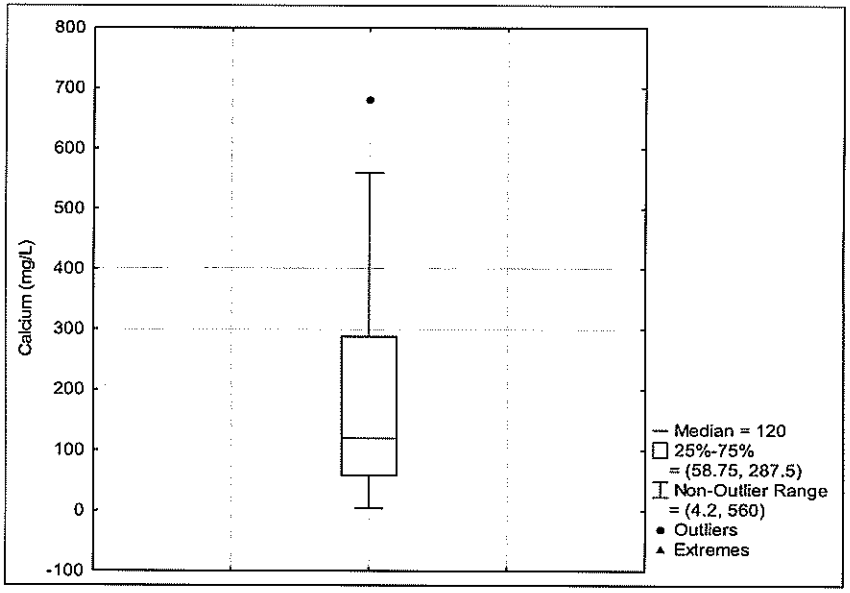


Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Calcium (mg/L)
B/W-13	12/12/2005	43
B/W-14	12/13/2005	4.2
B/W-15	12/12/2005	26
PA-GW10	11/8/2004	110
PA-GW11	11/10/2004	58
PA-GW12	12/18/2004	150
PA-GW13	1/8/2005	61
PA-GW14	2/8/2005	49
PA-GW15	11/19/2004	100
PA-GW16	11/18/2004	250
PA-GW17	11/12/2004	54
PA-GW18	1/23/2005	540
PA-GW19	12/6/2004	560
PA-GW20	12/1/2004	530
PA-GW21	11/24/2004	480
PA-GW22	11/22/2004	170
PA-GW23	12/4/2004	490
PA-GW24	11/16/2004	250
PA-GW25	12/7/2004	430
PA-GW26	12/14/2004	120
PA-GW27	1/4/2005	130
PA-GW4	11/4/2004	680
PA-GW5	11/21/2004	46
PA-GW6	1/5/2005	63
PA-GW7	10/29/2004	300
PA-GW8	11/2/2004	120
PA-GW9	1/22/2005	120
PA-MW-1	2/7/2005	180
PA-MW-2	2/9/2005	100
PA-MW-3	2/9/2005	58

Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	4.2
Maximum detect	680
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	24
3 x Mean B/W 13 thru B/W 15	73

Notes:
< X = < MDL
*nondetects = 1/2 MDL

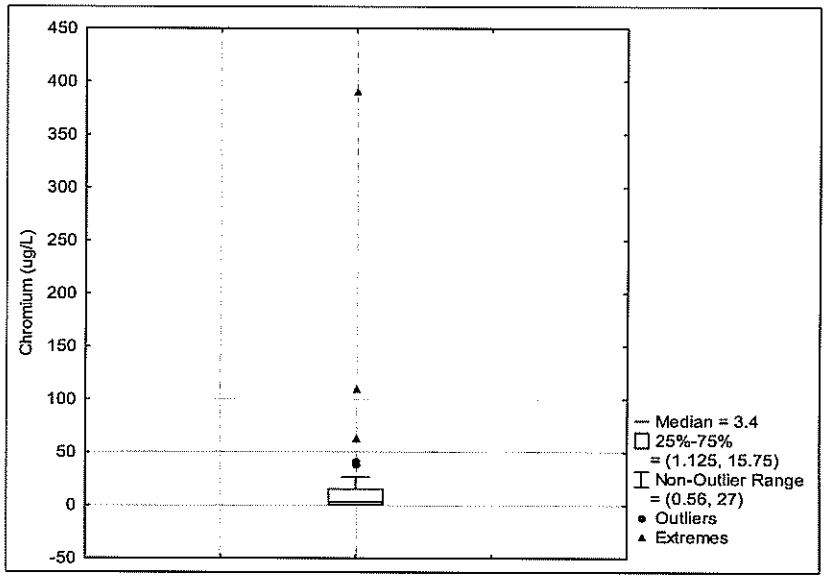


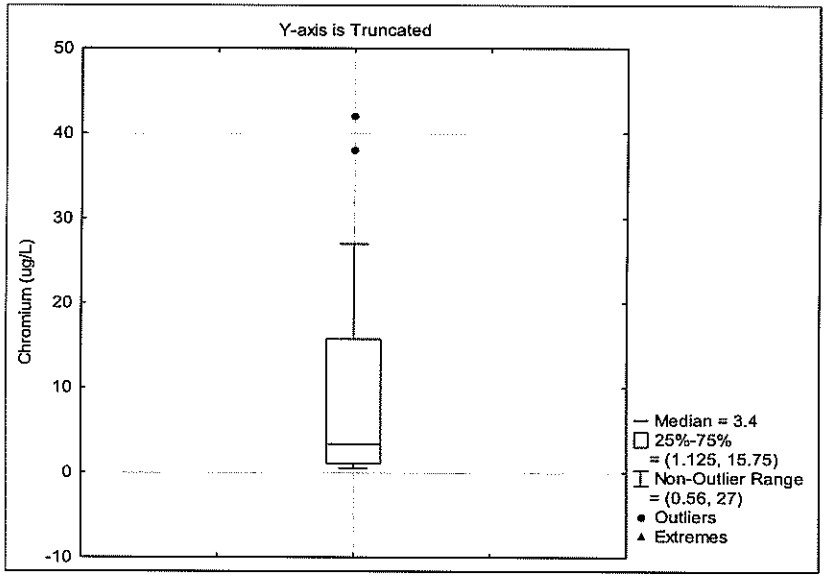
Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Chromium (ug/L)
B/W-13	12/12/2005	1.1
B/W-14	12/13/2005	1.2
B/W-15	12/12/2005	0.61
PA-GW10	11/8/2004	2.5
PA-GW11	11/10/2004	2.7
PA-GW12	12/18/2004	0.67
PA-GW13	1/8/2005	20
PA-GW14	2/8/2005	0.67
PA-GW15	11/19/2004	7.8
PA-GW16	11/18/2004	27
PA-GW17	11/12/2004	5.9
PA-GW18	1/23/2005	0.98
PA-GW19	12/6/2004	0.77
PA-GW20	12/1/2004	2.7
PA-GW21	11/24/2004	38
PA-GW22	11/22/2004	42
PA-GW23	12/4/2004	18
PA-GW24	11/16/2004	8.9
PA-GW25	12/7/2004	4.1
PA-GW26	12/14/2004	2.5
PA-GW27	1/4/2005	1.2
PA-GW4	11/4/2004	390
PA-GW5	11/21/2004	9
PA-GW6	1/5/2005	2.6
PA-GW7	10/29/2004	110
PA-GW8	11/2/2004	64
PA-GW9	1/22/2005	0.62
PA-MW-1	2/7/2005	0.56
PA-MW-2	2/9/2005	4.4
PA-MW-3	2/9/2005	5.4

Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	0.56
Maximum detect	390
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	0.97
3 x Mean B/W 13 thru B/W 15	2.9

Notes:
< X = < MDL
*nondetects = 1/2 MDL



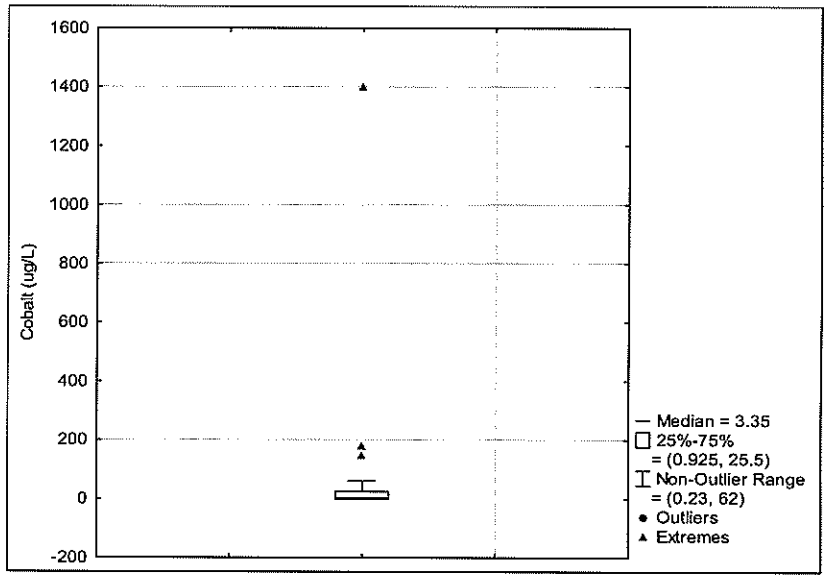


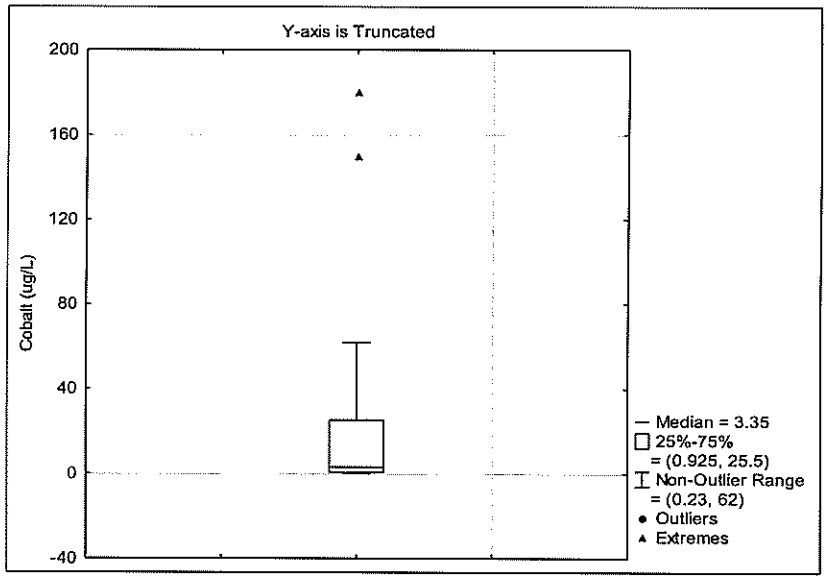
Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Cobalt (ug/L)
B/W-13	12/12/2005	0.23
B/W-14	12/13/2005	0.45
B/W-15	12/12/2005	0.64
PA-GW10	11/8/2004	5.1
PA-GW11	11/10/2004	1.8
PA-GW12	12/18/2004	3.6
PA-GW13	1/8/2005	2.4
PA-GW14	2/8/2005	0.64
PA-GW15	11/19/2004	0.78
PA-GW16	11/18/2004	18
PA-GW17	11/12/2004	2.1
PA-GW18	1/23/2005	150
PA-GW19	12/6/2004	48
PA-GW20	12/1/2004	41
PA-GW21	11/24/2004	17
PA-GW22	11/22/2004	10
PA-GW23	12/4/2004	1400
PA-GW24	11/16/2004	62
PA-GW25	12/7/2004	8.9
PA-GW26	12/14/2004	4
PA-GW27	1/4/2005	2.4
PA-GW4	11/4/2004	180
PA-GW5	11/21/2004	0.8
PA-GW6	1/5/2005	1.3
PA-GW7	10/29/2004	57
PA-GW8	11/2/2004	28
PA-GW9	1/22/2005	0.78
PA-MW-1	2/7/2005	1.3
PA-MW-2	2/9/2005	3.1
PA-MW-3	2/9/2005	0.59

Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	0.23
Maximum detect	1400
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	0.44
3 x Mean B/W 13 thru B/W 15	1.3

Notes:
< X = < MDL
*nondetects = 1/2 MDL



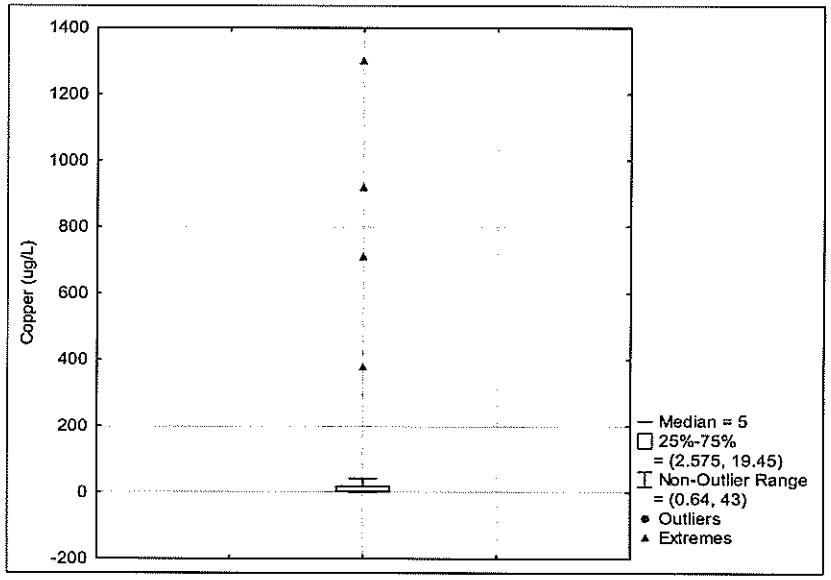


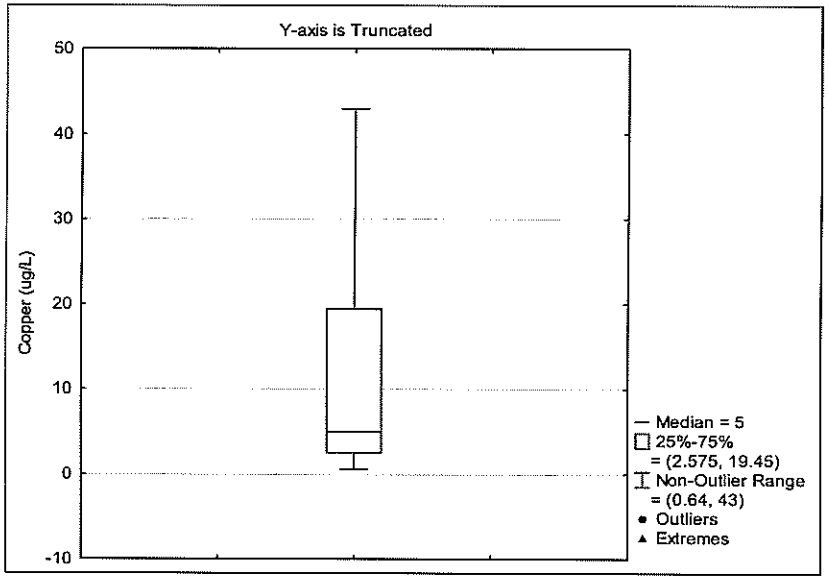
Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Copper (ug/L)
B/W-13	12/12/2005	0.64
B/W-14	12/13/2005	5.1
B/W-15	12/12/2005	1
PA-GW10	11/8/2004	8
PA-GW11	11/10/2004	5.9
PA-GW12	12/18/2004	8.8
PA-GW13	1/8/2005	4.1
PA-GW14	2/8/2005	3.6
PA-GW15	11/19/2004	2.5
PA-GW16	11/18/2004	6.8
PA-GW17	11/12/2004	41
PA-GW18	1/23/2005	23
PA-GW19	12/6/2004	3.2
PA-GW20	12/1/2004	43
PA-GW21	11/24/2004	380
PA-GW22	11/22/2004	4.7
PA-GW23	12/4/2004	30
PA-GW24	11/16/2004	6.3
PA-GW25	12/7/2004	7.2
PA-GW26	12/14/2004	4.9
PA-GW27	1/4/2005	2.8
PA-GW4	11/4/2004	920
PA-GW5	11/21/2004	3.1
PA-GW6	1/5/2005	2.3
PA-GW7	10/29/2004	1300
PA-GW8	11/2/2004	710
PA-GW9	1/22/2005	1.3
PA-MW-1	2/7/2005	1
PA-MW-2	2/9/2005	1.2
PA-MW-3	2/9/2005	1.4

Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	0.64
Maximum detect	1300
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	2.2
3 x Mean B/W 13 thru B/W 15	6.7

Notes:
< X = < MDL
*nondetects = 1/2 MDL



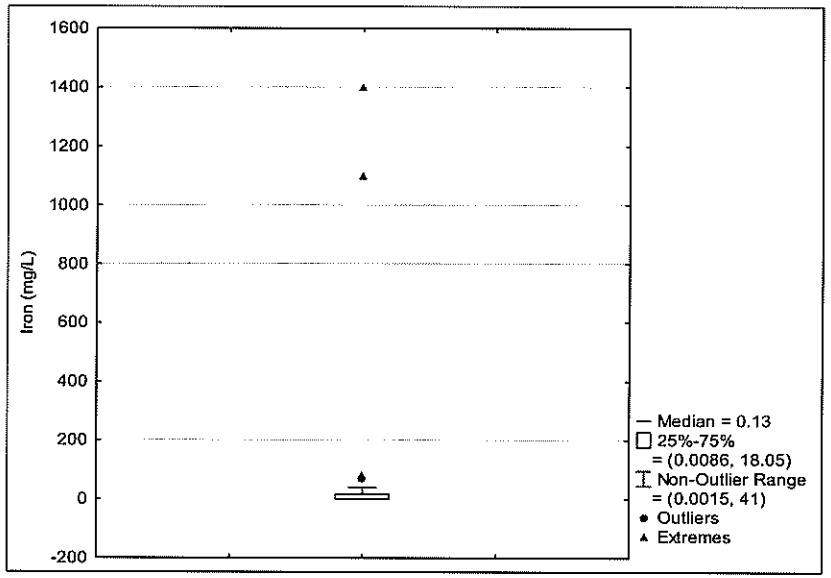


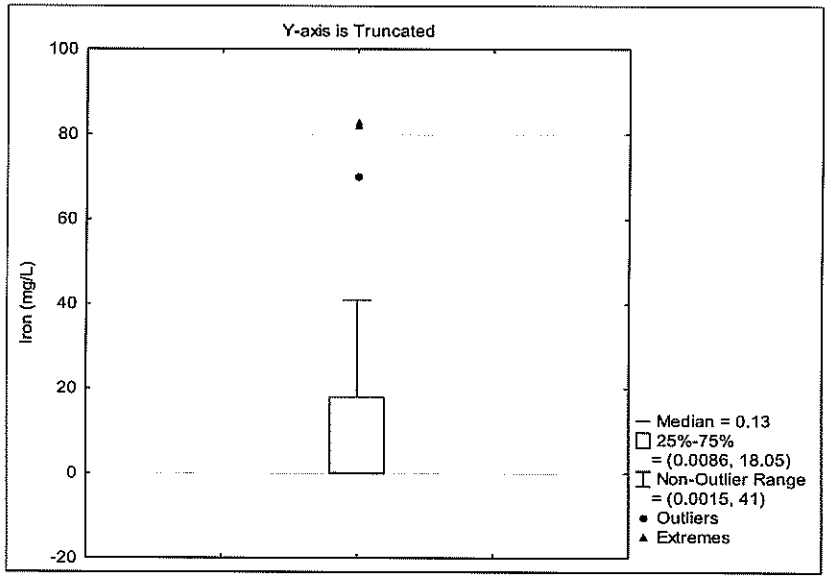
Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Iron (mg/L)
B/W-13	12/12/2005	< 0.015
B/W-14	12/13/2005	0.15
B/W-15	12/12/2005	< 0.015
PA-GW10	11/8/2004	0.22
PA-GW11	11/10/2004	0.0088
PA-GW12	12/18/2004	< 0.003
PA-GW13	1/8/2005	0.014
PA-GW14	2/8/2005	< 0.0044
PA-GW15	11/19/2004	0.11
PA-GW16	11/18/2004	6.2
PA-GW17	11/12/2004	< 0.015
PA-GW18	1/23/2005	70
PA-GW19	12/6/2004	22
PA-GW20	12/1/2004	4
PA-GW21	11/24/2004	41
PA-GW22	11/22/2004	0.89
PA-GW23	12/4/2004	1400
PA-GW24	11/16/2004	37
PA-GW25	12/7/2004	0.14
PA-GW26	12/14/2004	0.019
PA-GW27	1/4/2005	0.12
PA-GW4	11/4/2004	1100
PA-GW5	11/21/2004	0.043
PA-GW6	1/5/2005	0.0085
PA-GW7	10/29/2004	82
PA-GW8	11/2/2004	83
PA-GW9	1/22/2005	0.012
PA-MW-1	2/7/2005	< 0.004
PA-MW-2	2/9/2005	0.54
PA-MW-3	2/9/2005	< 0.015

Number of observations	30
Number of detects	23
Percent detects	77
Minimum detect	0.0085
Maximum detect	1400
Miniumum nondetect	0.003
Maximum nondetect	0.015
Mean B/W 13 thru B/W 15*	0.055
3 x Mean B/W 13 thru B/W 15	0.17

Notes:
< X = < MDL
*nondetects = 1/2 MDL



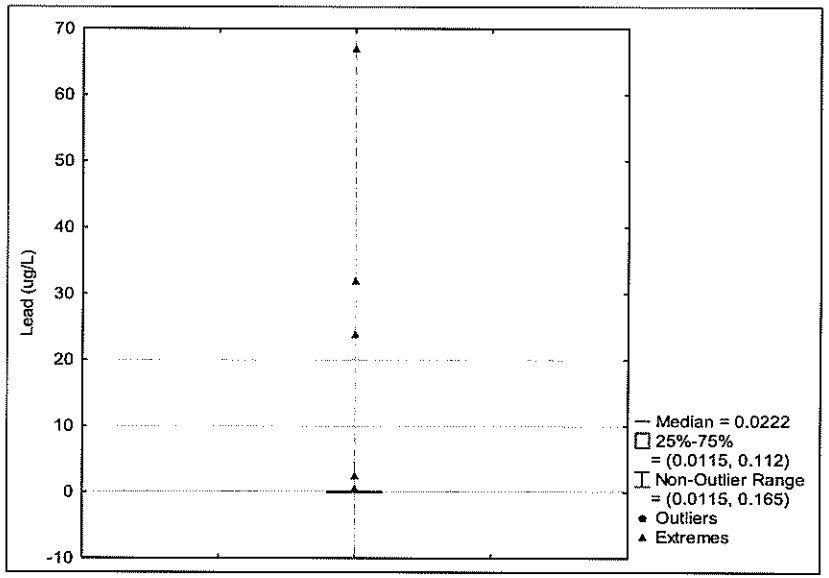


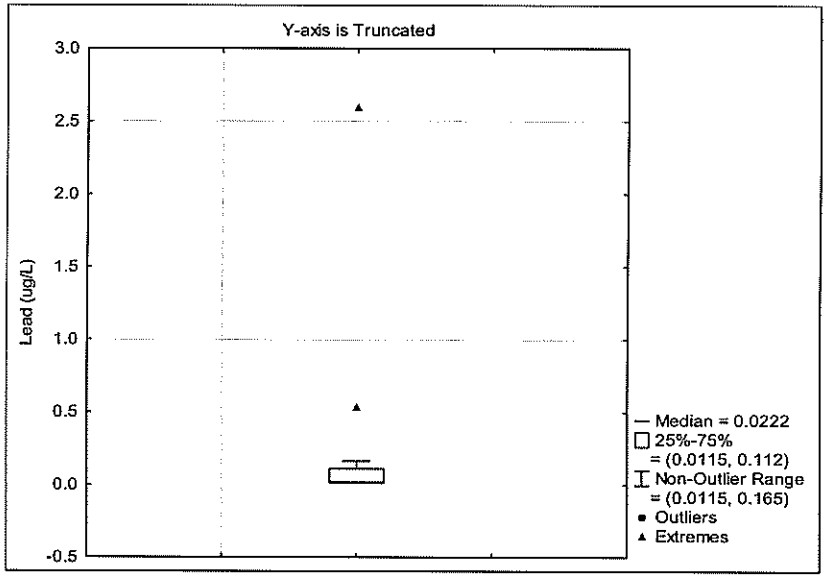
Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Lead (ug/L)
B/W-13	12/12/2005	< 0.04
B/W-14	12/13/2005	0.16
B/W-15	12/12/2005	< 0.04
PA-GW10	11/8/2004	0.12
PA-GW11	11/10/2004	< 0.023
PA-GW12	12/18/2004	0.07
PA-GW13	1/8/2005	< 0.023
PA-GW14	2/8/2005	< 0.035
PA-GW15	11/19/2004	< 0.023
PA-GW16	11/18/2004	< 0.023
PA-GW17	11/12/2004	0.088
PA-GW18	1/23/2005	0.025
PA-GW19	12/6/2004	< 0.023
PA-GW20	12/1/2004	0.54
PA-GW21	11/24/2004	2.6
PA-GW22	11/22/2004	< 0.33
PA-GW23	12/4/2004	< 0.026
PA-GW24	11/16/2004	< 0.023
PA-GW25	12/7/2004	< 0.023
PA-GW26	12/14/2004	0.024
PA-GW27	1/4/2005	< 0.023
PA-GW4	11/4/2004	67
PA-GW5	11/21/2004	< 0.067
PA-GW6	1/5/2005	< 0.023
PA-GW7	10/29/2004	32
PA-GW8	11/2/2004	24
PA-GW9	1/22/2005	0.023
PA-MW-1	2/7/2005	< 0.043
PA-MW-2	2/9/2005	< 0.026
PA-MW-3	2/9/2005	< 0.05

Number of observations	30
Number of detects	12
Percent detects	40
Minimum detect	0.023
Maximum detect	67
Miniumum nondetect	0.023
Maximum nondetect	0.33
Mean B/W 13 thru B/W 15*	0.067
3 x Mean B/W 13 thru B/W 15	0.20

Notes:
< X = < MDL
*nondetects = 1/2 MDL



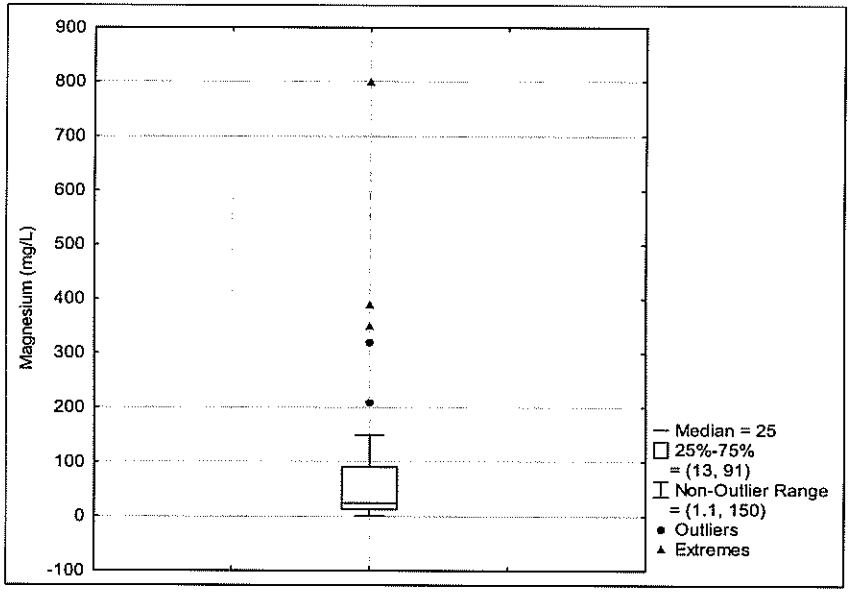


Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Magnesium (mg/L)
B/W-13	12/12/2005	8
B/W-14	12/13/2005	1.1
B/W-15	12/12/2005	6.1
PA-GW10	11/8/2004	22
PA-GW11	11/10/2004	13
PA-GW12	12/18/2004	28
PA-GW13	1/8/2005	13
PA-GW14	2/8/2005	7.4
PA-GW15	11/19/2004	21
PA-GW16	11/18/2004	64
PA-GW17	11/12/2004	9.9
PA-GW18	1/23/2005	320
PA-GW19	12/6/2004	210
PA-GW20	12/1/2004	800
PA-GW21	11/24/2004	150
PA-GW22	11/22/2004	26
PA-GW23	12/4/2004	350
PA-GW24	11/16/2004	390
PA-GW25	12/7/2004	100
PA-GW26	12/14/2004	24
PA-GW27	1/4/2005	23
PA-GW4	11/4/2004	390
PA-GW5	11/21/2004	10
PA-GW6	1/5/2005	12
PA-GW7	10/29/2004	44
PA-GW8	11/2/2004	38
PA-GW9	1/22/2005	17
PA-MW-1	2/7/2005	29
PA-MW-2	2/9/2005	49
PA-MW-3	2/9/2005	19

Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	1.1
Maximum detect	800
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	5.1
3 x Mean B/W 13 thru B/W 15	15

Notes:
< X = < MDL
*nondetects = 1/2 MDL

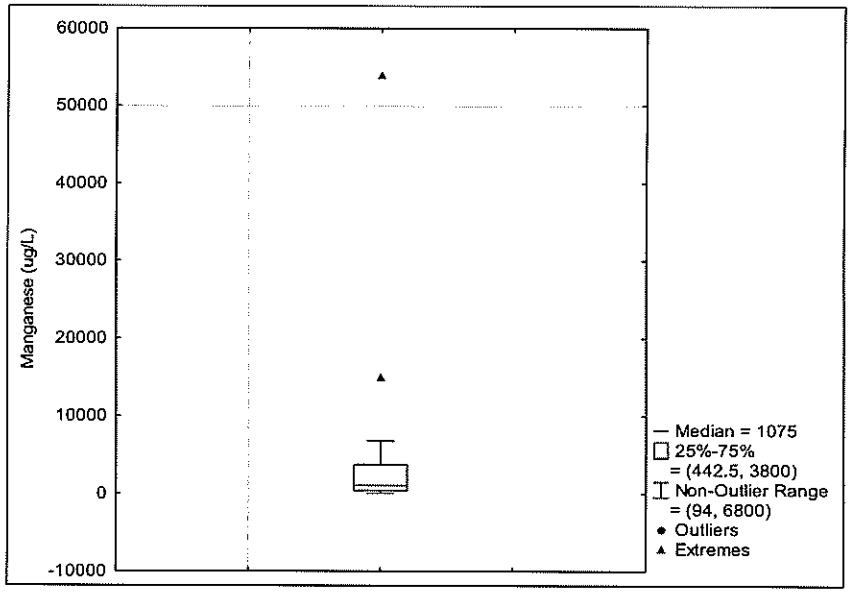


Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Manganese (ug/L)
B/W-13	12/12/2005	94
B/W-14	12/13/2005	220
B/W-15	12/12/2005	630
PA-GW10	11/8/2004	2300
PA-GW11	11/10/2004	510
PA-GW12	12/18/2004	850
PA-GW13	1/8/2005	450
PA-GW14	2/8/2005	710
PA-GW15	11/19/2004	280
PA-GW16	11/18/2004	3800
PA-GW17	11/12/2004	440
PA-GW18	1/23/2005	6800
PA-GW19	12/6/2004	6600
PA-GW20	12/1/2004	3900
PA-GW21	11/24/2004	4600
PA-GW22	11/22/2004	1800
PA-GW23	12/4/2004	54000
PA-GW24	11/16/2004	6200
PA-GW25	12/7/2004	1600
PA-GW26	12/14/2004	1300
PA-GW27	1/4/2005	750
PA-GW4	11/4/2004	15000
PA-GW5	11/21/2004	130
PA-GW6	1/5/2005	680
PA-GW7	10/29/2004	3800
PA-GW8	11/2/2004	1900
PA-GW9	1/22/2005	250
PA-MW-1	2/7/2005	240
PA-MW-2	2/9/2005	1900
PA-MW-3	2/9/2005	260

Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	94
Maximum detect	54000
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	315
3 x Mean B/W 13 thru B/W 15	944

Notes:
< X = < MDL
*nondetects = 1/2 MDL

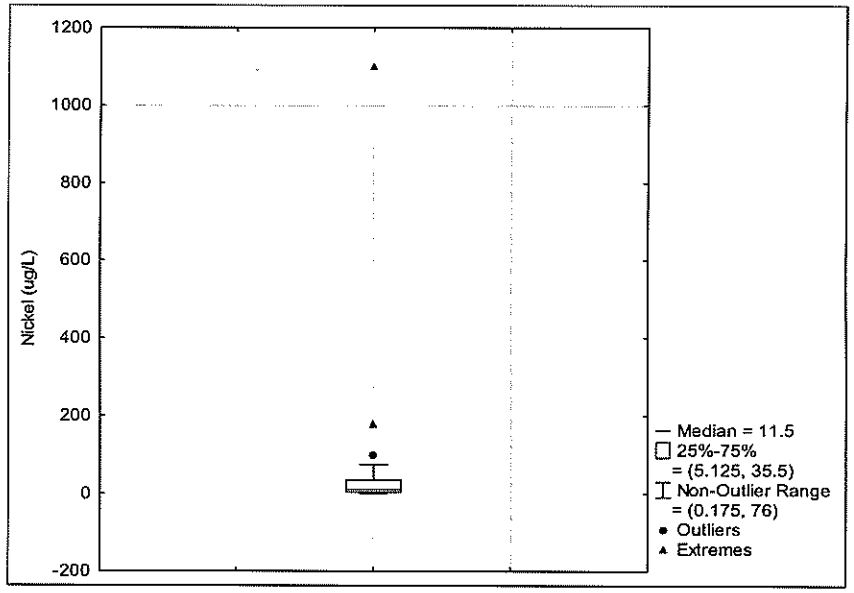


Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Nickel (ug/L)
B/W-13	12/12/2005	< 0.35
B/W-14	12/13/2005	0.63
B/W-15	12/12/2005	< 0.35
PA-GW10	11/8/2004	7
PA-GW11	11/10/2004	3.8
PA-GW12	12/18/2004	15
PA-GW13	1/8/2005	11
PA-GW14	2/8/2005	7.1
PA-GW15	11/19/2004	4.5
PA-GW16	11/18/2004	26
PA-GW17	11/12/2004	12
PA-GW18	1/23/2005	50
PA-GW19	12/6/2004	40
PA-GW20	12/1/2004	66
PA-GW21	11/24/2004	76
PA-GW22	11/22/2004	16
PA-GW23	12/4/2004	1100
PA-GW24	11/16/2004	30
PA-GW25	12/7/2004	36
PA-GW26	12/14/2004	13
PA-GW27	1/4/2005	7.1
PA-GW4	11/4/2004	180
PA-GW5	11/21/2004	1.8
PA-GW6	1/5/2005	4.9
PA-GW7	10/29/2004	100
PA-GW8	11/2/2004	34
PA-GW9	1/22/2005	5.8
PA-MW-1	2/7/2005	8.1
PA-MW-2	2/9/2005	9.5
PA-MW-3	2/9/2005	3.6

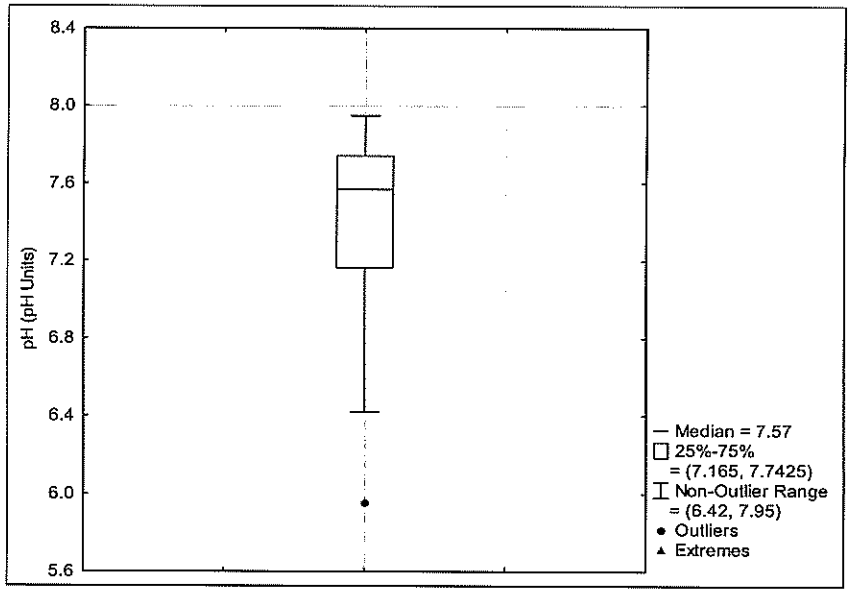
Number of observations	30
Number of detects	28
Percent detects	93
Minimum detect	0.63
Maximum detect	1100
Miniumum nondetect	0.35
Maximum nondetect	0.35
Mean B/W 13 thru B/W 15*	0.33
3 x Mean B/W 13 thru B/W 15	0.98

Notes:
< X = < MDL
*nondetects = 1/2 MDL



Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	pH (pH Units)
B/W-13	12/12/2005	7.9
B/W-14	12/13/2005	7.88
B/W-15	12/12/2005	7.69
PA-GW10	11/8/2004	7.43
PA-GW11	11/10/2004	7.89
PA-GW12	12/18/2004	7.36
PA-GW13	1/8/2005	7.3
PA-GW14	2/8/2005	7.67
PA-GW15	11/19/2004	7.66
PA-GW16	11/18/2004	7.68
PA-GW17	11/12/2004	7.91
PA-GW18	1/23/2005	6.42
PA-GW19	12/6/2004	6.82
PA-GW20	12/1/2004	6.57
PA-GW21	11/24/2004	6.6
PA-GW22	11/22/2004	6.96
PA-GW23	12/4/2004	5.95
PA-GW24	11/16/2004	6.7
PA-GW25	12/7/2004	7.18
PA-GW26	12/14/2004	7.36
PA-GW27	1/4/2005	7.77
PA-GW4	11/4/2004	7.76
PA-GW5	11/21/2004	7.84
PA-GW6	1/5/2005	7.95
PA-GW7	10/29/2004	7.23
PA-GW8	11/2/2004	7.6
PA-GW9	1/22/2005	7.62
PA-MW-1	2/7/2005	7.69
PA-MW-2	2/9/2005	7.16
PA-MW-3	2/9/2005	7.54



Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	5.95
Maximum detect	7.95
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	7.8
3 x Mean B/W 13 thru B/W 15	23

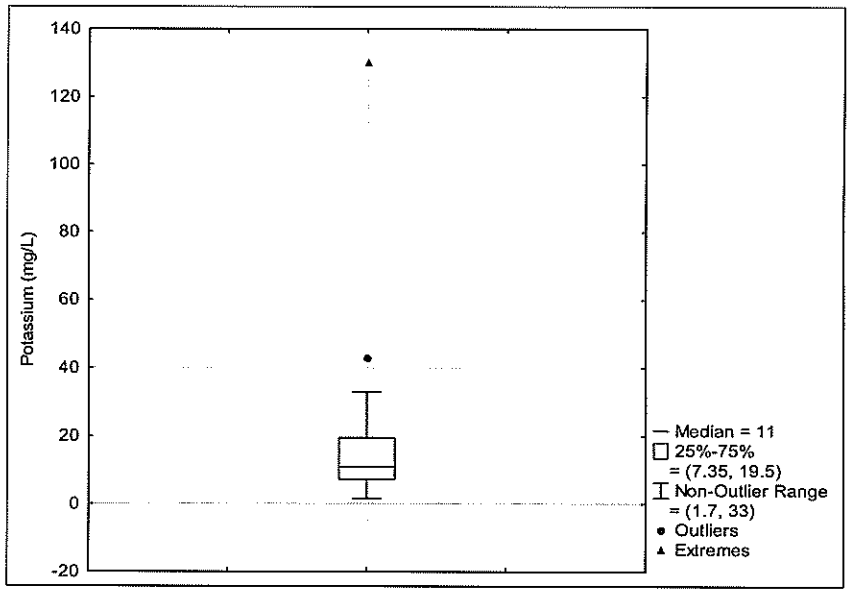
Notes:
< X = < MDL
*nondetects = 1/2 MDL

Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Potassium (mg/L)
B/W-13	12/12/2005	3.7
B/W-14	12/13/2005	1.7
B/W-15	12/12/2005	3.5
PA-GW10	11/8/2004	15
PA-GW11	11/10/2004	9.9
PA-GW12	12/18/2004	7.5
PA-GW13	1/8/2005	7.3
PA-GW14	2/8/2005	5.4
PA-GW15	11/19/2004	12
PA-GW16	11/18/2004	21
PA-GW17	11/12/2004	< 7
PA-GW18	1/23/2005	12
PA-GW19	12/6/2004	18
PA-GW20	12/1/2004	20
PA-GW21	11/24/2004	23
PA-GW22	11/22/2004	12
PA-GW23	12/4/2004	33
PA-GW24	11/16/2004	26
PA-GW25	12/7/2004	17
PA-GW26	12/14/2004	9.7
PA-GW27	1/4/2005	8.5
PA-GW4	11/4/2004	130
PA-GW5	11/21/2004	9.3
PA-GW6	1/5/2005	15
PA-GW7	10/29/2004	43
PA-GW8	11/2/2004	24
PA-GW9	1/22/2005	5.8
PA-MW-1	2/7/2005	5.9
PA-MW-2	2/9/2005	10
PA-MW-3	2/9/2005	9.4

Number of observations	30
Number of detects	29
Percent detects	97
Minimum detect	1.7
Maximum detect	130
Miniumum nondetect	7
Maximum nondetect	7
Mean B/W 13 thru B/W 15*	3.0
3 x Mean B/W 13 thru B/W 15	8.9

Notes:
< X = < MDL
*nondetects = 1/2 MDL

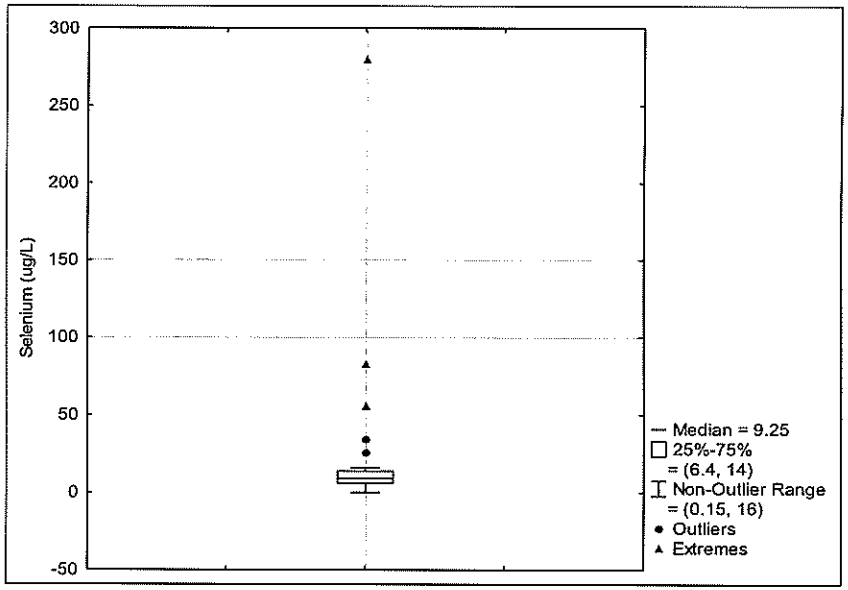


Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Selenium (ug/L)
B/W-13	12/12/2005	2.3
B/W-14	12/13/2005	< 0.3
B/W-15	12/12/2005	0.33
PA-GW10	11/8/2004	6.3
PA-GW11	11/10/2004	14
PA-GW12	12/18/2004	16
PA-GW13	1/8/2005	83
PA-GW14	2/8/2005	1.1
PA-GW15	11/19/2004	13
PA-GW16	11/18/2004	280
PA-GW17	11/12/2004	12
PA-GW18	1/23/2005	2.3
PA-GW19	12/6/2004	2.8
PA-GW20	12/1/2004	7
PA-GW21	11/24/2004	56
PA-GW22	11/22/2004	34
PA-GW23	12/4/2004	6.7
PA-GW24	11/16/2004	3.3
PA-GW25	12/7/2004	26
PA-GW26	12/14/2004	9.1
PA-GW27	1/4/2005	13
PA-GW4	11/4/2004	15
PA-GW5	11/21/2004	14
PA-GW6	1/5/2005	11
PA-GW7	10/29/2004	7.6
PA-GW8	11/2/2004	8.9
PA-GW9	1/22/2005	7.3
PA-MW-1	2/7/2005	9.4
PA-MW-2	2/9/2005	13
PA-MW-3	2/9/2005	7.7

Number of observations	30
Number of detects	29
Percent detects	97
Minimum detect	0.33
Maximum detect	280
Miniumum nondetect	0.3
Maximum nondetect	0.3
Mean B/W 13 thru B/W 15*	0.93
3 x Mean B/W 13 thru B/W 15	2.8

Notes:
< X = < MDL
*nondetects = 1/2 MDL

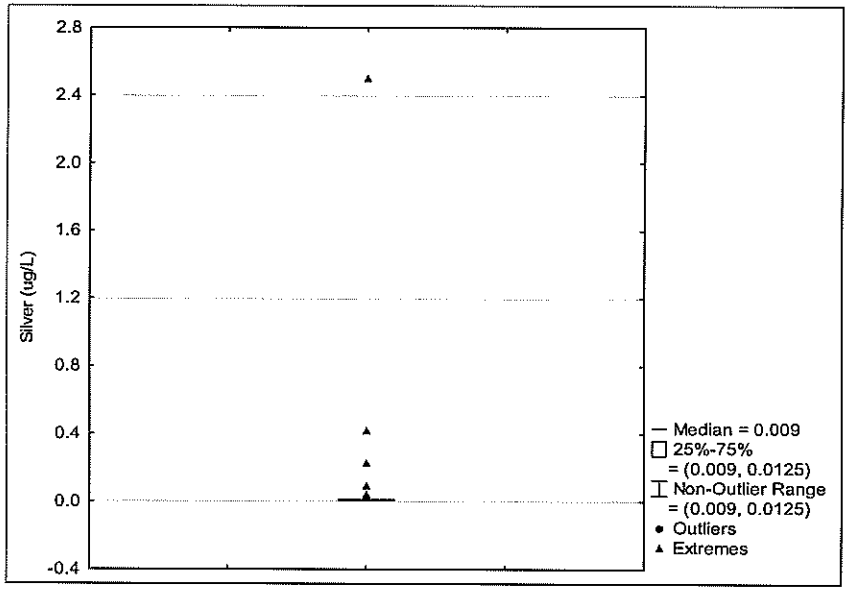


Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Silver (ug/L)
B/W-13	12/12/2005	< 0.025
B/W-14	12/13/2005	< 0.025
B/W-15	12/12/2005	< 0.025
PA-GW10	11/8/2004	< 0.018
PA-GW11	11/10/2004	< 0.018
PA-GW12	12/18/2004	< 0.018
PA-GW13	1/8/2005	< 0.018
PA-GW14	2/8/2005	< 0.018
PA-GW15	11/19/2004	< 0.018
PA-GW16	11/18/2004	< 0.018
PA-GW17	11/12/2004	< 0.018
PA-GW18	1/23/2005	< 0.018
PA-GW19	12/6/2004	0.032
PA-GW20	12/1/2004	0.043
PA-GW21	11/24/2004	< 0.018
PA-GW22	11/22/2004	< 0.018
PA-GW23	12/4/2004	0.093
PA-GW24	11/16/2004	< 0.018
PA-GW25	12/7/2004	< 0.018
PA-GW26	12/14/2004	< 0.018
PA-GW27	1/4/2005	< 0.018
PA-GW4	11/4/2004	0.42
PA-GW5	11/21/2004	< 0.018
PA-GW6	1/5/2005	< 0.018
PA-GW7	10/29/2004	2.5
PA-GW8	11/2/2004	0.23
PA-GW9	1/22/2005	< 0.018
PA-MW-1	2/7/2005	< 0.018
PA-MW-2	2/9/2005	< 0.018
PA-MW-3	2/9/2005	< 0.018

Number of observations	30
Number of detects	6
Percent detects	20
Minimum detect	0.032
Maximum detect	2.5
Miniumum nondetect	0.018
Maximum nondetect	0.025
Mean B/W 13 thru B/W 15*	0.013
3 x Mean B/W 13 thru B/W 15	0.038

Notes:
< X = < MDL
*nondetects = 1/2 MDL

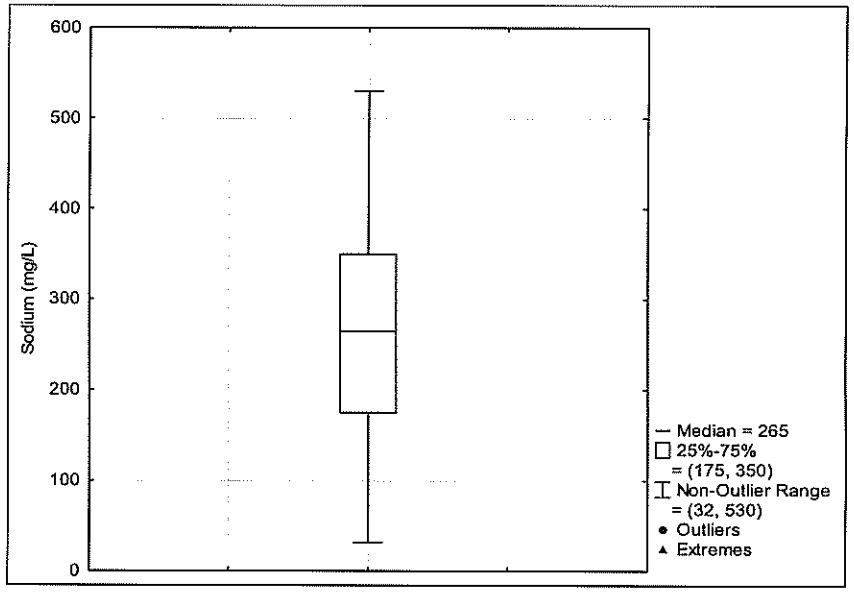


Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Sodium (mg/L)
B/W-13	12/12/2005	77
B/W-14	12/13/2005	84
B/W-15	12/12/2005	32
PA-GW10	11/8/2004	350
PA-GW11	11/10/2004	340
PA-GW12	12/18/2004	280
PA-GW13	1/8/2005	350
PA-GW14	2/8/2005	74
PA-GW15	11/19/2004	170
PA-GW16	11/18/2004	410
PA-GW17	11/12/2004	52
PA-GW18	1/23/2005	250
PA-GW19	12/6/2004	370
PA-GW20	12/1/2004	290
PA-GW21	11/24/2004	390
PA-GW22	11/22/2004	370
PA-GW23	12/4/2004	250
PA-GW24	11/16/2004	380
PA-GW25	12/7/2004	530
PA-GW26	12/14/2004	290
PA-GW27	1/4/2005	260
PA-GW4	11/4/2004	270
PA-GW5	11/21/2004	230
PA-GW6	1/5/2005	290
PA-GW7	10/29/2004	390
PA-GW8	11/2/2004	190
PA-GW9	1/22/2005	110
PA-MW-1	2/7/2005	150
PA-MW-2	2/9/2005	230
PA-MW-3	2/9/2005	260

Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	32
Maximum detect	530
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	64
3 x Mean B/W 13 thru B/W 15	193

Notes:
< X = < MDL
*nondetects = 1/2 MDL

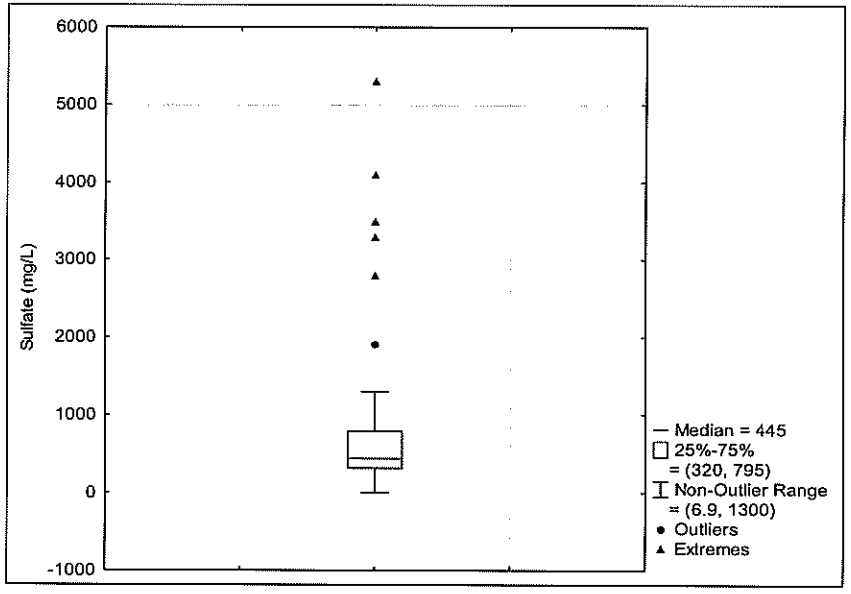


Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Sulfate (mg/L)
B/W-13	12/12/2005	110
B/W-14	12/13/2005	29
B/W-15	12/12/2005	31
PA-GW10	11/8/2004	530
PA-GW11	11/10/2004	320
PA-GW12	12/18/2004	590
PA-GW13	1/8/2005	330
PA-GW14	2/8/2005	100
PA-GW15	11/19/2004	400
PA-GW16	11/18/2004	800
PA-GW17	11/12/2004	390
PA-GW18	1/23/2005	3300
PA-GW19	12/6/2004	2800
PA-GW20	12/1/2004	4100
PA-GW21	11/24/2004	1900
PA-GW22	11/22/2004	780
PA-GW23	12/4/2004	5300
PA-GW24	11/16/2004	3500
PA-GW25	12/7/2004	1300
PA-GW26	12/14/2004	450
PA-GW27	1/4/2005	670
PA-GW4	11/4/2004	6.9
PA-GW5	11/21/2004	220
PA-GW6	1/5/2005	440
PA-GW7	10/29/2004	330
PA-GW8	11/2/2004	130
PA-GW9	1/22/2005	390
PA-MW-1	2/7/2005	660
PA-MW-2	2/9/2005	510
PA-MW-3	2/9/2005	320

Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	6.9
Maximum detect	5300
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	57
3 x Mean B/W 13 thru B/W 15	170

Notes:
< X = < MDL
*nondetects = 1/2 MDL

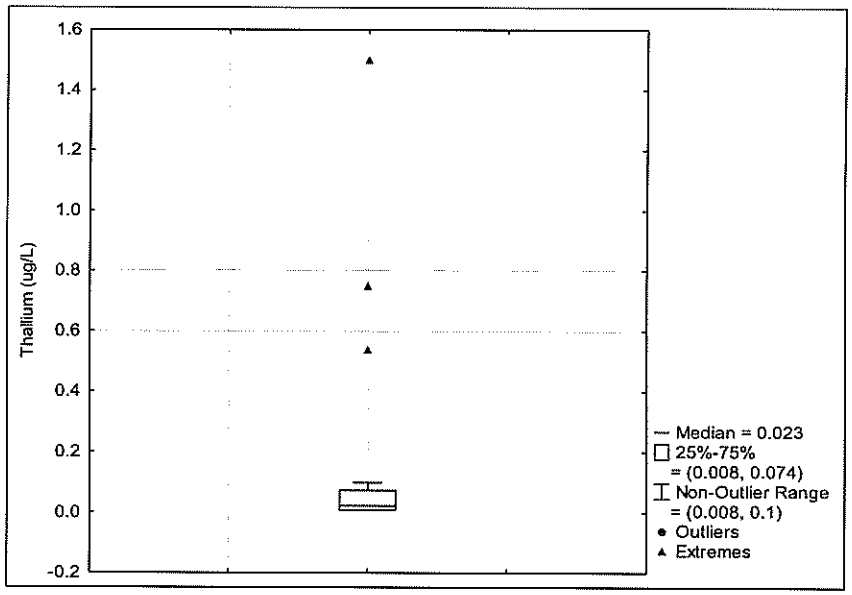


Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Thallium (ug/L)
B/W-13	12/12/2005	< 0.15
B/W-14	12/13/2005	< 0.15
B/W-15	12/12/2005	< 0.15
PA-GW10	11/8/2004	0.02
PA-GW11	11/10/2004	< 0.016
PA-GW12	12/18/2004	< 0.016
PA-GW13	1/8/2005	< 0.016
PA-GW14	2/8/2005	< 0.016
PA-GW15	11/19/2004	< 0.016
PA-GW16	11/18/2004	0.019
PA-GW17	11/12/2004	0.025
PA-GW18	1/23/2005	0.087
PA-GW19	12/6/2004	0.047
PA-GW20	12/1/2004	0.029
PA-GW21	11/24/2004	0.071
PA-GW22	11/22/2004	< 0.016
PA-GW23	12/4/2004	0.1
PA-GW24	11/16/2004	0.054
PA-GW25	12/7/2004	0.025
PA-GW26	12/14/2004	< 0.016
PA-GW27	1/4/2005	< 0.016
PA-GW4	11/4/2004	1.5
PA-GW5	11/21/2004	0.026
PA-GW6	1/5/2005	0.021
PA-GW7	10/29/2004	0.75
PA-GW8	11/2/2004	0.54
PA-GW9	1/22/2005	0.021
PA-MW-1	2/7/2005	< 0.016
PA-MW-2	2/9/2005	< 0.016
PA-MW-3	2/9/2005	< 0.016

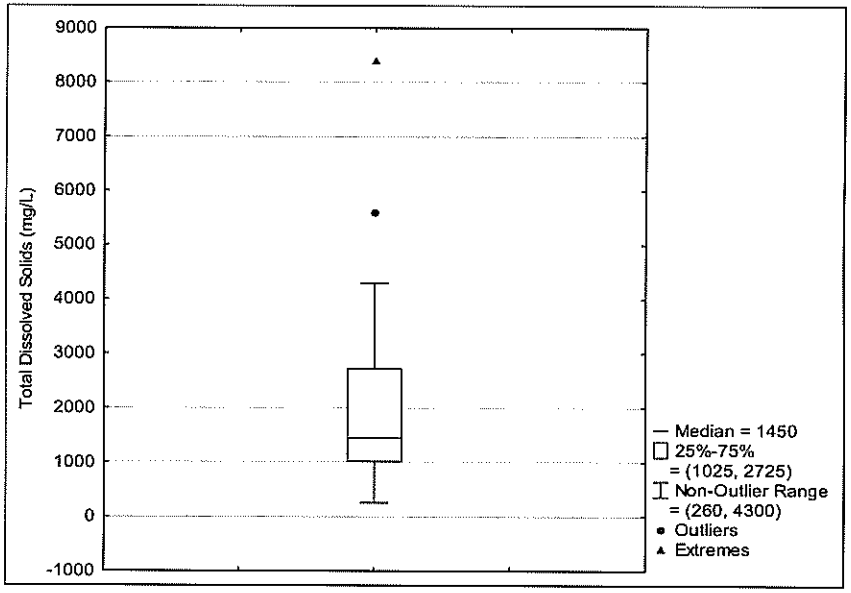
Number of observations	30
Number of detects	16
Percent detects	53
Minimum detect	0.019
Maximum detect	1.5
Miniumum nondetect	0.016
Maximum nondetect	0.15
Mean B/W 13 thru B/W 15*	0.075
3 x Mean B/W 13 thru B/W 15	0.23

Notes:
< X = < MDL
*nondetects = 1/2 MDL



Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Total Dissolved Solids (mg/L)
B/W-13	12/12/2005	480
B/W-14	12/13/2005	330
B/W-15	12/12/2005	260
PA-GW10	11/8/2004	1700
PA-GW11	11/10/2004	1300
PA-GW12	12/18/2004	1600
PA-GW13	1/8/2005	1600
PA-GW14	2/8/2005	440
PA-GW15	11/19/2004	1100
PA-GW16	11/18/2004	1500
PA-GW17	11/12/2004	800
PA-GW18	1/23/2005	4200
PA-GW19	12/6/2004	4200
PA-GW20	12/1/2004	5600
PA-GW21	11/24/2004	3400
PA-GW22	11/22/2004	1700
PA-GW23	12/4/2004	8400
PA-GW24	11/16/2004	4300
PA-GW25	12/7/2004	2800
PA-GW26	12/14/2004	3100
PA-GW27	1/4/2005	1400
PA-GW4	11/4/2004	1400
PA-GW5	11/21/2004	790
PA-GW6	1/5/2005	1400
PA-GW7	10/29/2004	2500
PA-GW8	11/2/2004	1600
PA-GW9	1/22/2005	840
PA-MW-1	2/7/2005	1300
PA-MW-2	2/9/2005	1200
PA-MW-3	2/9/2005	1000



Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	260
Maximum detect	8400
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	357
3 x Mean B/W 13 thru B/W 15	1070

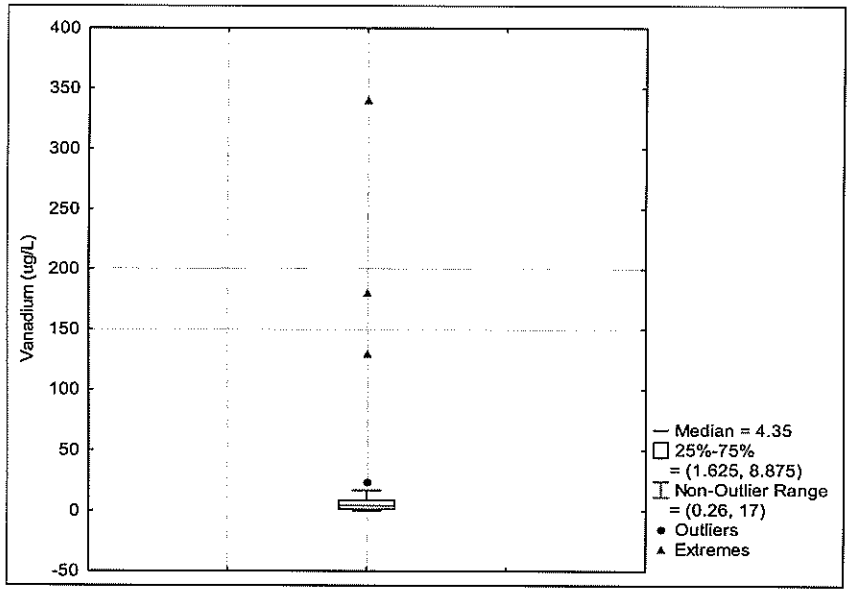
Notes:
< X = < MDL
*nondetects = 1/2 MDL

Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Vanadium (ug/L)
B/W-13	12/12/2005	6.5
B/W-14	12/13/2005	2.5
B/W-15	12/12/2005	2.8
PA-GW10	11/8/2004	1.5
PA-GW11	11/10/2004	6.6
PA-GW12	12/18/2004	1
PA-GW13	1/8/2005	11
PA-GW14	2/8/2005	0.46
PA-GW15	11/19/2004	5.5
PA-GW16	11/18/2004	9.4
PA-GW17	11/12/2004	2
PA-GW18	1/23/2005	0.4
PA-GW19	12/6/2004	0.26
PA-GW20	12/1/2004	6.3
PA-GW21	11/24/2004	17
PA-GW22	11/22/2004	13
PA-GW23	12/4/2004	4.6
PA-GW24	11/16/2004	2.6
PA-GW25	12/7/2004	1.4
PA-GW26	12/14/2004	2
PA-GW27	1/4/2005	0.87
PA-GW4	11/4/2004	340
PA-GW5	11/21/2004	24
PA-GW6	1/5/2005	1.2
PA-GW7	10/29/2004	180
PA-GW8	11/2/2004	130
PA-GW9	1/22/2005	4.1
PA-MW-1	2/7/2005	5.1
PA-MW-2	2/9/2005	4.1
PA-MW-3	2/9/2005	7.3

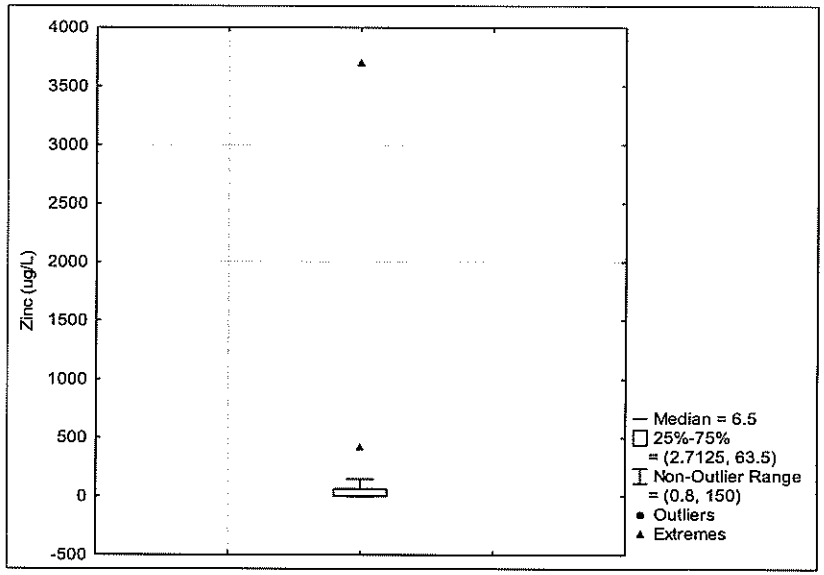
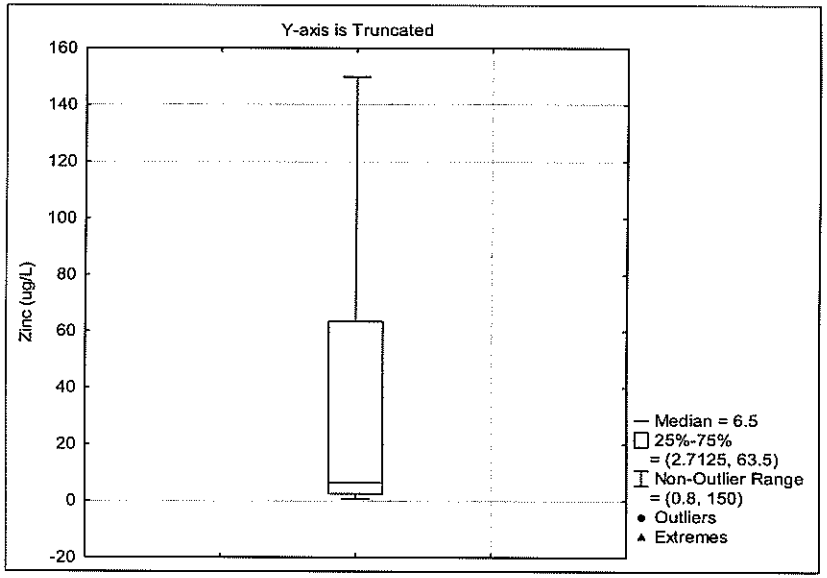
Number of observations	30
Number of detects	30
Percent detects	100
Minimum detect	0.26
Maximum detect	340
Miniumum nondetect	n/a
Maximum nondetect	n/a
Mean B/W 13 thru B/W 15*	3.9
3 x Mean B/W 13 thru B/W 15	12

Notes:
< X = < MDL
*nondetects = 1/2 MDL



Boxplots of Constituents in Groundwater at the Process Area

Location	Sample Date	Zinc (ug/L)
B/W-13	12/12/2005	33
B/W-14	12/13/2005	16
B/W-15	12/12/2005	< 9.2
PA-GW10	11/8/2004	110
PA-GW11	11/10/2004	< 3.9
PA-GW12	12/18/2004	5.5
PA-GW13	1/8/2005	< 5.3
PA-GW14	2/8/2005	2.9
PA-GW15	11/19/2004	< 4.1
PA-GW16	11/18/2004	< 5
PA-GW17	11/12/2004	80
PA-GW18	1/23/2005	59
PA-GW19	12/6/2004	18
PA-GW20	12/1/2004	65
PA-GW21	11/24/2004	72
PA-GW22	11/22/2004	4.3
PA-GW23	12/4/2004	3700
PA-GW24	11/16/2004	12
PA-GW25	12/7/2004	17
PA-GW26	12/14/2004	5.5
PA-GW27	1/4/2005	< 4.5
PA-GW4	11/4/2004	420
PA-GW5	11/21/2004	< 1.6
PA-GW6	1/5/2005	< 4.1
PA-GW7	10/29/2004	150
PA-GW8	11/2/2004	110
PA-GW9	1/22/2005	< 3.4
PA-MW-1	2/7/2005	4.8
PA-MW-2	2/9/2005	7.5
PA-MW-3	2/9/2005	3.3

Number of observations	30
Number of detects	21
Percent detects	70
Minimum detect	2.9
Maximum detect	3700
Miniumum nondetect	1.6
Maximum nondetect	9.2
Mean B/W 13 thru B/W 15*	18
3 x Mean B/W 13 thru B/W 15	54

Notes:
< X = < MDL
*nondetects = 1/2 MDL