

PA-48



PA Watersheds Data System



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(Results table can be copied-and-pasted into Microsoft Excel™. Click and drag over the parameters and results, right click and press 'copy', open Excel™, right click and press 'paste')

57.2A Rattler Mine

Acidity

Mean: 68
 Median: 68
 Mode: 68
 First Quartile: 0
 Third Quartile: 0
 Standard Deviation: 0

Sample Description	Sample Date	Measurement Units
BB	12/29/2004 12:00:00 AM	68 mg/l

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Alkalinity

Mean: 19.62
 Median: 10
 Mode: 7
 First Quartile: 7
 Third Quartile: 20
 Standard Deviation: 27.59

Sample Description	Sample Date	Measurement Units
DW/BB	4/12/2004 12:00:00 AM	82 mg/l
BB	6/29/2004 12:00:00 AM	153 mg/l
	7/22/2004 12:00:00 AM	86 mg/l
BB	8/26/2004 12:00:00 AM	86 mg/l
	9/14/2004 12:00:00 AM	27 mg/l
BB	10/2/2004 12:00:00 AM	14 mg/l
BB	10/28/2004 12:00:00 AM	14 mg/l
BB	11/27/2004 12:00:00 AM	7 mg/l
BB	12/29/2004 12:00:00 AM	27 mg/l
BB	3/21/2005 12:00:00 AM	55 mg/l
BB	4/22/2005 12:00:00 AM	7 mg/l
BB	5/30/2005 12:00:00 AM	34 mg/l
BB	6/14/2005 12:00:00 AM	27 mg/l
BB	7/22/2005 12:00:00 AM	27 mg/l
BB	8/30/2005 12:00:00 AM	27 mg/l
BB	9/28/2005 12:00:00 AM	27 mg/l
BB	10/31/2005 12:00:00 AM	14 mg/l
BB	12/1/2005 12:00:00 AM	7 mg/l
DW	1/27/2006 12:00:00 AM	5 mg/l
BB	2/4/2006 12:00:00 AM	7 mg/l
BB	3/8/2006 12:00:00 AM	7 mg/l
BB	4/26/2006 12:00:00 AM	7 mg/l
BB	5/20/2006 12:00:00 AM	7 mg/l
BB	6/29/2006 12:00:00 AM	7 mg/l
BB	7/24/2006 12:00:00 AM	7 mg/l
BB	8/26/2006 12:00:00 AM	7 mg/l
BB	9/24/2006 12:00:00 AM	7 mg/l
BB	10/31/2006 12:00:00 AM	7 mg/l
BB	11/25/2006 12:00:00 AM	7 mg/l
DW	12/23/2006 12:00:00 AM	10 mg/l
DW	2/20/2007 12:00:00 AM	10 mg/l
DW	3/10/2007 12:00:00 AM	10 mg/l
DW	4/21/2007 12:00:00 AM	5 mg/l
DW	5/19/2007 12:00:00 AM	0 mg/l
DW	6/23/2007 12:00:00 AM	20 mg/l
DW	7/14/2007 12:00:00 AM	10 mg/l
DW	8/25/2007 12:00:00 AM	5 mg/l
DW	9/15/2007 12:00:00 AM	10 mg/l
DW	12/10/2007 12:00:00 AM	10 mg/l
DW	1/15/2008 12:00:00 AM	10 mg/l
DW	2/15/2008 12:00:00 AM	0 mg/l
DW	3/15/2008 12:00:00 AM	0 mg/l

DW	4/19/2008 12:00:00 AM	5	mg/l
DW	5/17/2008 12:00:00 AM	10	mg/l
DW	6/14/2008 12:00:00 AM	20	mg/l
DW	7/19/2008 12:00:00 AM	0	mg/l
DW	8/14/2008 12:00:00 AM	0	mg/l
DW	9/13/2008 12:00:00 AM	20	mg/l
DW	10/18/2008 12:00:00 AM	10	mg/l
DW	11/15/2008 12:00:00 AM	20	mg/l

pH

Mean: 5.094

Median: 4.9

Mode: 4.5

First Quartile: 4.5

Third Quartile: 5.5

Standard Deviation: 0.82

Sample Description	Sample Date	Measurement	Units
DW/BB	4/12/2004 12:00:00 AM	6.8	pH Units
BB	6/29/2004 12:00:00 AM	7.9	pH Units
	7/22/2004 12:00:00 AM	6.7	pH Units
BB	8/26/2004 12:00:00 AM	6.7	pH Units
	9/14/2004 12:00:00 AM	5.9	pH Units
BB	10/2/2004 12:00:00 AM	4.9	pH Units
BB	10/28/2004 12:00:00 AM	4.8	pH Units
BB	11/27/2004 12:00:00 AM	4.8	pH Units
BB	12/29/2004 12:00:00 AM	5.2	pH Units
BB	3/21/2005 12:00:00 AM	4.5	pH Units
BB	4/22/2005 12:00:00 AM	5.1	pH Units
BB	5/30/2005 12:00:00 AM	5.7	pH Units
BB	6/14/2005 12:00:00 AM	5.9	pH Units
BB	7/22/2005 12:00:00 AM	6.3	pH Units
BB	8/30/2005 12:00:00 AM	6.3	pH Units
BB	9/28/2005 12:00:00 AM	6.2	pH Units
BB	10/31/2005 12:00:00 AM	5.7	pH Units
BB	12/1/2005 12:00:00 AM	4.4	pH Units
BB	2/4/2006 12:00:00 AM	5.1	pH Units
BB	3/8/2006 12:00:00 AM	4.7	pH Units
BB	4/26/2006 12:00:00 AM	5.1	pH Units
BB	5/20/2006 12:00:00 AM	5.2	pH Units
BB	6/29/2006 12:00:00 AM	4.8	pH Units
BB	7/24/2006 12:00:00 AM	4.3	pH Units
BB	8/26/2006 12:00:00 AM	4.9	pH Units
BB	9/24/2006 12:00:00 AM	4.9	pH Units
BB	10/31/2006 12:00:00 AM	4.5	pH Units
BB	11/25/2006 12:00:00 AM	4.2	pH Units
DW	12/23/2006 12:00:00 AM	4.4	pH Units
DW	1/27/2007 12:00:00 AM	4	pH Units
DW	2/20/2007 12:00:00 AM	4.5	pH Units
DW	3/10/2007 12:00:00 AM	4.5	pH Units
DW	4/21/2007 12:00:00 AM	4.5	pH Units
DW	5/19/2007 12:00:00 AM	4.5	pH Units
DW	6/23/2007 12:00:00 AM	4.5	pH Units
DW	7/14/2007 12:00:00 AM	4.6	pH Units
DW	8/25/2007 12:00:00 AM	4.2	pH Units
DW	9/15/2007 12:00:00 AM	4.5	pH Units
DW	12/10/2007 12:00:00 AM	4.5	pH Units
DW	1/15/2008 12:00:00 AM	5.5	pH Units
DW	2/15/2008 12:00:00 AM	4.5	pH Units
DW	3/15/2008 12:00:00 AM	4.5	pH Units
DW	4/19/2008 12:00:00 AM	4.5	pH Units
DW	5/17/2008 12:00:00 AM	4.5	pH Units
DW	6/14/2008 12:00:00 AM	6	pH Units
DW	7/19/2008 12:00:00 AM	4.5	pH Units
DW	8/14/2008 12:00:00 AM	5	pH Units
DW	9/13/2008 12:00:00 AM	5	pH Units
DW	10/18/2008 12:00:00 AM	5	pH Units
DW	11/15/2008 12:00:00 AM	5.5	pH Units

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57.2 (LAB) Rattler Mine

pH
 Mean: 2.6325
 Median: 2.66
 Mode: 2.49
 First Quartile: 2.54
 Third Quartile: 2.725
 Standard Deviation: 0.11

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	2.49 pH Units
DW	9/10/2007 12:00:00 AM	2.59 pH Units
DW	3/12/2008 12:00:00 AM	2.79 pH Units
DW	9/3/2008 12:00:00 AM	2.66 pH Units

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Acidity
 Mean: 484.5475
 Median: 541.93
 Mode: 371.94
 First Quartile: 422.565
 Third Quartile: 546.53
 Standard Deviation: 71.65

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	541.93 mg/l
DW	9/10/2007 12:00:00 AM	551.13 mg/l
DW	3/12/2008 12:00:00 AM	371.94 mg/l
DW	9/3/2008 12:00:00 AM	473.19 mg/l

Iron
 Mean: 71.815
 Median: 83.3
 Mode: 52.9
 First Quartile: 58.31
 Third Quartile: 85.32
 Standard Deviation: 14.11

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	83.3 mg/l
DW	9/10/2007 12:00:00 AM	87.34 mg/l
DW	3/12/2008 12:00:00 AM	52.9 mg/l
DW	9/3/2008 12:00:00 AM	63.72 mg/l

Manganese
 Mean: 3.165
 Median: 3.09
 Mode: 2.72
 First Quartile: 2.8
 Third Quartile: 3.53
 Standard Deviation: 0.48

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	2.88 mg/l
DW	9/10/2007 12:00:00 AM	3.09 mg/l
DW	3/12/2008 12:00:00 AM	3.97 mg/l
DW	9/3/2008 12:00:00 AM	2.72 mg/l

Aluminum
 Mean: 32.4275
 Median: 32.32
 Mode: 19.07
 First Quartile: 23.355

Third Quartile: 41.5
Standard Deviation: 11.56

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	27.64 mg/l
DW	9/10/2007 12:00:00 AM	32.32 mg/l
DW	3/12/2008 12:00:00 AM	19.07 mg/l
DW	9/3/2008 12:00:00 AM	50.68 mg/l

Sulfate
Mean: 519.85
Median: 521
Mode: 497.3
First Quartile: 506.45
Third Quartile: 533.25
Standard Deviation: 17.22

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	515.6 mg/l
DW	9/10/2007 12:00:00 AM	521 mg/l
DW	3/12/2008 12:00:00 AM	497.3 mg/l
DW	9/3/2008 12:00:00 AM	545.5 mg/l

Total Suspended Solids (TSS)

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	4 mg/l
DW	9/10/2007 12:00:00 AM	4 gpm
DW	3/12/2008 12:00:00 AM	1 mg/l
DW	9/3/2008 12:00:00 AM	1 mg/l

Alkalinity
Mean: 0
Median: 0
Mode: 0
First Quartile: 0
Third Quartile: 0
Standard Deviation: 0

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	0 mg/l
DW	9/10/2007 12:00:00 AM	0 mg/l
DW	3/12/2008 12:00:00 AM	0 mg/l
DW	9/3/2008 12:00:00 AM	0 mg/l

Flow
Mean: 11.333333333333333
Median: 5
Mode: 4
First Quartile: 4.5
Third Quartile: 0
Standard Deviation: 9.67

Sample Description	Sample Date	Measurement Units
DW	9/10/2007 12:00:00 AM	4 gpm
DW	3/12/2008 12:00:00 AM	25 gpm
DW	9/3/2008 12:00:00 AM	5 gpm

57.2A (LAB Rattler Mine)

pH
Mean: 4.03
Median: 4.32
Mode: 3.39
First Quartile: 3.63
Third Quartile: 4.43
Standard Deviation: 0.44

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	4.32 pH Units

DW	9/10/2007 12:00:00 AM	4.54	pH Units
DW	3/12/2008 12:00:00 AM	3.87	pH Units
DW	9/3/2008 12:00:00 AM	3.39	pH Units

Acidity

Mean: 94.24
 Median: 92.2
 Mode: 38.67
 First Quartile: 61.905
 Third Quartile: 126.575
 Standard Deviation: 43.66

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	85.14 mg/l
DW	9/10/2007 12:00:00 AM	38.67 mg/l
DW	3/12/2008 12:00:00 AM	92.2 mg/l
DW	9/3/2008 12:00:00 AM	160.95 mg/l

Iron

Mean: 5.235
 Median: 5.07
 Mode: 0.46
 First Quartile: 1.41
 Third Quartile: 9.06
 Standard Deviation: 4.8

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	13.05 mg/l
DW	9/10/2007 12:00:00 AM	0.46 mg/l
DW	3/12/2008 12:00:00 AM	5.07 mg/l
DW	9/3/2008 12:00:00 AM	2.36 mg/l

Manganese

Mean: 4.4925
 Median: 6
 Mode: 2.15
 First Quartile: 2.42
 Third Quartile: 6.565
 Standard Deviation: 2.12

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	2.69 mg/l
DW	9/10/2007 12:00:00 AM	2.15 mg/l
DW	3/12/2008 12:00:00 AM	6 mg/l
DW	9/3/2008 12:00:00 AM	7.13 mg/l

Aluminum

Mean: 17.465
 Median: 18.73
 Mode: 5.17
 First Quartile: 9.58
 Third Quartile: 25.35
 Standard Deviation: 9.69

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	13.99 mg/l
DW	9/10/2007 12:00:00 AM	5.17 mg/l
DW	3/12/2008 12:00:00 AM	18.73 mg/l
DW	9/3/2008 12:00:00 AM	31.97 mg/l

Sulfate

Mean: 481.6
 Median: 517.6
 Mode: 439.2
 First Quartile: 444.45
 Third Quartile: 518.75
 Standard Deviation: 37.34

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	517.6 mg/l
DW	9/10/2007 12:00:00 AM	449.7 mg/l
DW	3/12/2008 12:00:00 AM	439.2 mg/l

DW	9/3/2008 12:00:00 AM	519.9	mg/l
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Total Suspended Solids (TSS)

Mean: 8.75
 Median: 6
 Mode: 1
 First Quartile: 1.5
 Third Quartile: 16
 Standard Deviation: 10.13

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	6 mg/l
DW	9/10/2007 12:00:00 AM	1 mg/l
DW	3/12/2008 12:00:00 AM	2 mg/l
DW	9/3/2008 12:00:00 AM	26 mg/l

Alkalinity

Mean: 0.05
 Median: 0
 Mode: 0
 First Quartile: 0
 Third Quartile: 0.1
 Standard Deviation: 0.09

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	0 mg/l
DW	9/10/2007 12:00:00 AM	0.2 mg/l
DW	3/12/2008 12:00:00 AM	mg/l
DW	9/3/2008 12:00:00 AM	mg/l

Flow

Mean: 11.3333333333333
 Median: 5
 Mode: 4
 First Quartile: 4.5
 Third Quartile: 0
 Standard Deviation: 9.67

Sample Description	Sample Date	Measurement Units
DW	9/10/2007 12:00:00 AM	4 gpm
DW	3/12/2008 12:00:00 AM	25 gpm
DW	9/3/2008 12:00:00 AM	5 gpm

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