

PA-93



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')

17.5A Bear Run Mine

Acidity

No Data Found for this Parameter

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pH		
Mean: 7.07592592592593		
Median: 7		
Mode: 7		
First Quartile: 7		
Third Quartile: 7.2		
Standard Deviation: 0.22		
Sample Description	Sample Date	Measurement Units
DW	5/27/2004 12:00:00 AM	6.9 pH Units
DW	7/17/2004 12:00:00 AM	7.2 pH Units
DW	8/21/2004 12:00:00 AM	7 pH Units
DW	9/18/2004 12:00:00 AM	7 pH Units
DW	10/16/2004 12:00:00 AM	7 pH Units
DW	11/20/2004 12:00:00 AM	7 pH Units
DW	12/20/2004 12:00:00 AM	7 pH Units
DW	1/22/2005 12:00:00 AM	7 pH Units
DW	2/17/2005 12:00:00 AM	7 pH Units
DW	3/12/2005 12:00:00 AM	7 pH Units
DW	4/23/2005 12:00:00 AM	7 pH Units
DW	5/21/2005 12:00:00 AM	7 pH Units
DW	6/13/2005 12:00:00 AM	7 pH Units
DW	7/16/2005 12:00:00 AM	7 pH Units
DW	8/13/2005 12:00:00 AM	7 pH Units
DW	9/17/2005 12:00:00 AM	7 pH Units
DW	10/15/2005 12:00:00 AM	7 pH Units
DW	11/13/2005 12:00:00 AM	7 pH Units
DW	12/17/2005 12:00:00 AM	6.5 pH Units
DW	1/14/2006 12:00:00 AM	7 pH Units
DW	2/12/2006 12:00:00 AM	7 pH Units
DW	3/4/2006 12:00:00 AM	7 pH Units
DW	4/15/2006 12:00:00 AM	7 pH Units
DW	5/13/2006 12:00:00 AM	7.5 pH Units
DW	6/18/2006 12:00:00 AM	7.5 pH Units
DW	7/15/2006 12:00:00 AM	7 pH Units
DW	8/12/2006 12:00:00 AM	7.2 pH Units
DW	9/17/2006 12:00:00 AM	7 pH Units
DW	10/15/2006 12:00:00 AM	7 pH Units
DW	11/24/2006 12:00:00 AM	7 pH Units
DW	12/16/2006 12:00:00 AM	7.5 pH Units
DW	1/20/2007 12:00:00 AM	7 pH Units
DW	2/20/2007 12:00:00 AM	7 pH Units
DW	3/10/2007 12:00:00 AM	7 pH Units
DW	4/21/2007 12:00:00 AM	7.5 pH Units
DW	5/19/2007 12:00:00 AM	7.3 pH Units
DW	6/23/2007 12:00:00 AM	7 pH Units
DW	7/14/2007 12:00:00 AM	7 pH Units
DW	8/25/2007 12:00:00 AM	7 pH Units
DW	9/15/2007 12:00:00 AM	7 pH Units
DW	10/13/2007 12:00:00 AM	6.5 pH Units
DW	11/11/2007 12:00:00 AM	7 pH Units
DW	12/10/2007 12:00:00 AM	7 pH Units
DW	1/15/2008 12:00:00 AM	7 pH Units
DW	2/15/2008 12:00:00 AM	7 pH Units
DW	3/15/2008 12:00:00 AM	7 pH Units
DW	4/19/2008 12:00:00 AM	7.5 pH Units
DW	5/17/2008 12:00:00 AM	7.3 pH Units
DW	6/14/2008 12:00:00 AM	7.5 pH Units

DW	7/19/2008 12:00:00 AM	7.2	pH Units
DW	8/17/2008 12:00:00 AM	7.5	pH Units
DW	9/13/2008 12:00:00 AM	7	pH Units
DW	10/18/2008 12:00:00 AM	7.5	pH Units
DW	11/15/2008 12:00:00 AM	7	pH Units

Alkalinity

Mean: 133.314814814815

Median: 140

Mode: 140

First Quartile: 120

Third Quartile: 160

Standard Deviation: 27.59

Sample Description	Sample Date	Measurement	Units
DW	5/27/2004 12:00:00 AM	95	mg/l
DW	7/17/2004 12:00:00 AM	140	mg/l
DW	8/21/2004 12:00:00 AM	154	mg/l
DW	9/18/2004 12:00:00 AM	120	mg/l
DW	10/16/2004 12:00:00 AM	140	mg/l
DW	11/20/2004 12:00:00 AM	120	mg/l
DW	12/20/2004 12:00:00 AM	120	mg/l
DW	1/22/2005 12:00:00 AM	100	mg/l
DW	2/17/2005 12:00:00 AM	120	mg/l
DW	3/12/2005 12:00:00 AM	80	mg/l
DW	4/23/2005 12:00:00 AM	100	mg/l
DW	5/21/2005 12:00:00 AM	140	mg/l
DW	6/13/2005 12:00:00 AM	140	mg/l
DW	7/16/2005 12:00:00 AM	140	mg/l
DW	8/13/2005 12:00:00 AM	120	mg/l
DW	9/17/2005 12:00:00 AM	160	mg/l
DW	10/15/2005 12:00:00 AM	140	mg/l
DW	11/13/2005 12:00:00 AM	120	mg/l
DW	12/17/2005 12:00:00 AM	120	mg/l
DW	1/14/2006 12:00:00 AM	100	mg/l
DW	2/12/2006 12:00:00 AM	100	mg/l
DW	3/4/2006 12:00:00 AM	100	mg/l
DW	4/15/2006 12:00:00 AM	110	mg/l
DW	5/13/2006 12:00:00 AM	100	mg/l
DW	6/18/2006 12:00:00 AM	180	mg/l
DW	7/15/2006 12:00:00 AM	200	mg/l
DW	8/12/2006 12:00:00 AM	140	mg/l
DW	9/17/2006 12:00:00 AM	160	mg/l
DW	10/15/2006 12:00:00 AM	200	mg/l
DW	11/24/2006 12:00:00 AM	80	mg/l
DW	12/16/2006 12:00:00 AM	140	mg/l
DW	1/20/2007 12:00:00 AM	100	mg/l
DW	2/20/2007 12:00:00 AM	120	mg/l
DW	3/10/2007 12:00:00 AM	140	mg/l
DW	4/21/2007 12:00:00 AM	140	mg/l
DW	5/19/2007 12:00:00 AM	140	mg/l
DW	6/23/2007 12:00:00 AM	140	mg/l
DW	7/14/2007 12:00:00 AM	140	mg/l
DW	8/25/2007 12:00:00 AM	160	mg/l
DW	9/15/2007 12:00:00 AM	140	mg/l
DW	10/13/2007 12:00:00 AM	100	mg/l
DW	11/11/2007 12:00:00 AM	140	mg/l
DW	12/10/2007 12:00:00 AM	120	mg/l
DW	1/15/2008 12:00:00 AM	120	mg/l
DW	2/15/2008 12:00:00 AM	160	mg/l
DW	3/15/2008 12:00:00 AM	160	mg/l
DW	4/19/2008 12:00:00 AM	180	mg/l
DW	5/17/2008 12:00:00 AM	120	mg/l
DW	6/14/2008 12:00:00 AM	180	mg/l
DW	7/19/2008 12:00:00 AM	160	mg/l
DW	8/17/2008 12:00:00 AM	160	mg/l
DW	9/13/2008 12:00:00 AM	160	mg/l
DW	10/18/2008 12:00:00 AM	120	mg/l
DW	11/15/2008 12:00:00 AM	120	mg/l

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17.5 (LAB) Bear Run Mine

pH

Mean: 3.0775
 Median: 3.09
 Mode: 3.09
 First Quartile: 3.045
 Third Quartile: 3.11
 Standard Deviation: 0.05

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	3 pH Units
DW	9/10/2007 12:00:00 AM	3.13 pH Units
DW	3/12/2008 12:00:00 AM	3.09 pH Units
DW	8/18/2008 12:00:00 AM	3.09 pH Units

Acidity

Mean: 102.1625
 Median: 106.18
 Mode: 89.77
 First Quartile: 97.455
 Third Quartile: 106.87
 Standard Deviation: 7.21

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	105.14 mg/l
DW	9/10/2007 12:00:00 AM	89.77 mg/l
DW	3/12/2008 12:00:00 AM	107.56 mg/l
DW	8/18/2008 12:00:00 AM	106.18 mg/l

Iron

Mean: 4.0875
 Median: 4.71
 Mode: 2.82
 First Quartile: 3.205
 Third Quartile: 4.97
 Standard Deviation: 0.94

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	4.71 mg/l
DW	9/10/2007 12:00:00 AM	2.82 mg/l
DW	3/12/2008 12:00:00 AM	5.23 mg/l
DW	8/18/2008 12:00:00 AM	3.59 mg/l

Manganese

Mean: 2.8675
 Median: 3.08
 Mode: 2.4
 First Quartile: 2.65
 Third Quartile: 3.085
 Standard Deviation: 0.28

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	2.4 mg/l
DW	9/10/2007 12:00:00 AM	3.09 mg/l
DW	3/12/2008 12:00:00 AM	3.08 mg/l
DW	8/18/2008 12:00:00 AM	2.9 mg/l

Aluminum

Mean: 7.9225
 Median: 6.69
 Mode: 5.41
 First Quartile: 5.615

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Third Quartile: 10.23
Standard Deviation: 3.41

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	5.82 mg/l
DW	9/10/2007 12:00:00 AM	5.41 mg/l
DW	3/12/2008 12:00:00 AM	6.69 mg/l
DW	8/18/2008 12:00:00 AM	13.77 mg/l

Sulfate
Mean: 149
Median: 153.3
Mode: 131.7
First Quartile: 140.75
Third Quartile: 157.25
Standard Deviation: 10.81

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	149.8 mg/l
DW	9/10/2007 12:00:00 AM	131.7 mg/l
DW	3/12/2008 12:00:00 AM	161.2 mg/l
DW	8/18/2008 12:00:00 AM	153.3 mg/l

Total Suspended Solids (TSS)
Mean: 2.75
Median: 2
Mode: 2
First Quartile: 1.5
Third Quartile: 4
Standard Deviation: 1.92

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	2 mg/l
DW	9/10/2007 12:00:00 AM	2 mg/l
DW	3/12/2008 12:00:00 AM	6 mg/l
DW	8/18/2008 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	8/18/2008 12:00:00 AM	0 mg/l

Flow
Mean: 45.6666666666667
Median: 56
Mode: 56
First Quartile: 40.5
Third Quartile: 0
Standard Deviation: 14.61

Sample Description	Sample Date	Measurement Units
DW	9/10/2007 12:00:00 AM	25 gpm
DW	3/12/2008 12:00:00 AM	56 gpm
DW	8/18/2008 12:00:00 AM	56 gpm

17.5A (LAB) Bear Run Mine

pH
Mean: 6.8575
Median: 7

Mode: 6.63
 First Quartile: 6.66
 Third Quartile: 7.055
 Standard Deviation: 0.2

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	7 pH Units
DW	9/10/2007 12:00:00 AM	7.11 pH Units
DW	3/12/2008 12:00:00 AM	6.69 pH Units
DW	8/18/2008 12:00:00 AM	6.63 pH Units

Acidity
 Mean: -63.65
 Median: -79.19
 Mode: -94.84
 First Quartile: -87.705
 Third Quartile: -39.595
 Standard Deviation: 37.26

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	-94.84 mg/l
DW	9/10/2007 12:00:00 AM	-160.17117.11 mg/l
DW	3/12/2008 12:00:00 AM	-80.57 mg/l
DW	8/18/2008 12:00:00 AM	-79.19 mg/l

Iron
 Mean: 1.8975
 Median: 1.94
 Mode: 1.15
 First Quartile: 1.165
 Third Quartile: 2.63
 Standard Deviation: 0.88

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	1.18 mg/l
DW	9/10/2007 12:00:00 AM	3.32 mg/l
DW	3/12/2008 12:00:00 AM	1.15 mg/l
DW	8/18/2008 12:00:00 AM	1.94 mg/l

Manganese
 Mean: 3.034
 Median: 3.69
 Mode: 0.91
 First Quartile: 1.383
 Third Quartile: 4.685
 Standard Deviation: 1.83

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	0.91 mg/l
DW	9/10/2007 12:00:00 AM	1.856 mg/l
DW	3/12/2008 12:00:00 AM	5.68 mg/l
DW	8/18/2008 12:00:00 AM	3.69 mg/l

Aluminum
 Mean: 0.4625
 Median: 0.54
 Mode: 0.14
 First Quartile: 0.305
 Third Quartile: 0.62
 Standard Deviation: 0.2

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	0.7 mg/l
DW	9/10/2007 12:00:00 AM	.14 mg/l
DW	3/12/2008 12:00:00 AM	0.54 mg/l
DW	8/18/2008 12:00:00 AM	0.47 mg/l

Sulfate
 Mean: 174.8
 Median: 163.8
 Mode: 132.3
 First Quartile: 134.25

Third Quartile: 215.35
Standard Deviation: 54.54

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	136.2 mg/l
DW	9/10/2007 12:00:00 AM	266.90 mg/l
DW	3/12/2008 12:00:00 AM	163.8 mg/l
DW	8/18/2008 12:00:00 AM	132.3 mg/l

Total Suspended Solids (TSS)
Mean: 5.25
Median: 7
Mode: 1
First Quartile: 2
Third Quartile: 8.5
Standard Deviation: 3.49

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	7 mg/l
DW	9/10/2007 12:00:00 AM	1 mg/l
DW	3/12/2008 12:00:00 AM	10 mg/l
DW	8/18/2008 12:00:00 AM	3 mg/l

Alkalinity
Mean: 133.5225
Median: 116.91
Mode: 101.56
First Quartile: 105.755
Third Quartile: 161.29
Standard Deviation: 42.01

Sample Description	Sample Date	Measurement Units
DW	4/15/2007 12:00:00 AM	101.56 mg/l
DW	9/10/2007 12:00:00 AM	205.67 mg/l
DW	3/12/2008 12:00:00 AM	109.95 mg/l
DW	8/18/2008 12:00:00 AM	116.91 mg/l

Flow
Mean: 45.6666666666667
Median: 56
Mode: 56
First Quartile: 40.5
Third Quartile: 0
Standard Deviation: 14.61

Sample Description	Sample Date	Measurement Units
DW	9/10/2007 12:00:00 AM	25 gpm
DW	3/12/2008 12:00:00 AM	56 gpm
DW	8/18/2008 12:00:00 AM	56 gpm

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