

TABLES

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
Alluvial Wells		
AA22501	21-Oct-02	4.300
AA31801	2-Dec-02	6.600
AA49301	14-Nov-02	5.200
	6-Nov-02	0.300
AA66901	16-Mar-04	0.200
AC20701	14-Oct-08	4.930
BP39001	27-Dec-01	1.900
HD90001	16-Apr-08	1.220
	18-Dec-07	1.270
	28-Aug-06	1.350
	19-Sep-05	1.140
	30-Nov-04	1.190
	27-Aug-02	1.300
	19-Dec-01	1.200
0060401	3-May-10	3.500
	1-Jun-09	3.600
	28-May-08	3.600
	23-May-07	3.210
	16-May-06	3.200
	25-May-05	3.800
	24-May-04	3.570
	24-Nov-03	3.600
	12-Apr-02	4.100
	30-May-01	3.000
	3-May-00	3.780
0268201	9-May-08	7.040
0303801	27-Jul-06	2.000
0319901	21-Mar-07	7.000
	8-Sep-04	6.000
	15-Nov-02	12.200
0331601	11-Jul-03	0.300
0337501	7-Mar-01	4.000
0430001	20-Nov-06	6.900
	30-Jul-03	1.140
	7-Dec-02	7.230
0432201	12-Jun-09	6.950

**Table 1. Summary of Historic (1971-2011) Nitrate Results
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Well ID	SampleDate	Nitrate (mg/L)
0579701	27-Jan-11	3.600
	24-Feb-10	3.200
	26-Feb-09	3.700
	2-Apr-08	3.900
	30-Oct-06	3.800
	29-Nov-05	3.400
	30-Dec-03	3.900
0580101	29-Dec-09	0.500
0716601	3-Jun-10	5.900
	16-Jun-09	6.200
0746301	23-Jan-02	7.100
0815501	13-May-08	5.600
1181401	7-May-09	4.800
	6-Apr-06	4.200
1269001	1-Feb-11	3.200
	18-Oct-10	3.500
	17-Sep-10	2.700
	24-Aug-10	11.400
	15-Dec-09	0.920
	26-May-09	1.340
	24-Apr-07	2.350
	3-Oct-05	1.190
	12-Apr-05	1.850
	19-Oct-04	1.900
	14-Sep-04	1.890
	13-Apr-04	2.660
	16-Oct-03	1.500
	15-May-03	1.050
	16-Apr-02	1.880
	14-Feb-01	3.600
	11-Jul-00	1.600
4-Apr-00	2.800	
2511502	18-Dec-01	0.200
5604601	26-Jul-10	6.900

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Well ID	SampleDate	Nitrate (mg/L)
7225002	10-May-10	2.400
	1-Jul-09	1.600
	25-Jun-08	2.700
	23-Apr-07	1.820
	25-May-06	1.600
	23-May-05	1.800
	2-Mar-05	2.600
	29-Apr-04	2.300
	17-Mar-04	2.100
	24-Sep-03	1.100
	19-Feb-03	2.100
	4-Feb-02	2.000
	19-Jun-01	1.600
	18-Apr-01	2.200
	29-Jan-01	2.100
	8-Aug-00	2.200
	22-May-00	2.300
	15-Mar-00	2.600
	8-Jul-10	0.200
9007001	17-Aug-10	0.200
	15-Oct-09	0.400
	24-Oct-08	0.200
	12-Oct-07	0.200
	20-Oct-06	0.500
	28-Nov-05	0.300
	8-Oct-04	0.200
	29-Dec-03	0.400
	28-Feb-02	0.300
	17-Dec-01	0.200
460106119132101	19-Oct-71	14.000
460755119015701	9-Sep-88	19.000
	18-Feb-88	18.000
	10-Sep-86	11.000
460815119023101	9-Sep-88	11.000
	18-Feb-88	7.500

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Well ID	SampleDate	Nitrate (mg/L)
460815119023101	9-Sep-86	12.000
460854119012801	10-Sep-86	6.300
460858119003301	8-Sep-86	3.300
460901119003601	18-Feb-88	7.200
	8-Sep-86	7.700
460901119010301	8-Sep-86	3.300
460911119005401	8-Sep-86	3.100
460914119054001	20-Feb-88	3.900
	15-Sep-87	3.400
	1-Jul-87	3.800
	7-May-87	3.600
	27-Feb-87	3.500
	5-Feb-87	3.400
	15-Jan-87	3.300
	16-Dec-86	3.600
	11-Sep-86	3.700
460916119011801	8-Sep-86	4.400
460939119021001	24-Feb-87	4.100
	4-Sep-86	4.600
460941119012701	8-Sep-86	5.900
460954119035501	8-Sep-88	4.500
	19-Feb-88	2.400
	3-Sep-86	5.900
461002119031101	19-Feb-88	4.400
	4-Sep-86	4.800
461006119031001	8-Sep-88	8.400
	11-Apr-88	5.500
	4-Sep-86	12.000
461007119040201	8-Sep-88	3.700
	19-Feb-88	1.400
	24-Feb-87	7.600
	3-Sep-86	11.000
461018119181701	4-Sep-86	8.100
461025119015901	6-Sep-86	1.700
461025119191201	4-Sep-86	11.000

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Well ID	SampleDate	Nitrate (mg/L)
461035119035601	7-Sep-88	3.900
	19-Feb-88	3.400
	26-Feb-87	4.200
	6-Sep-86	5.300
461043119051701	4-Sep-86	5.800
461053119014701	5-Sep-86	0.300
461056119033401	5-Sep-86	5.800
461102119060401	7-Sep-88	10.000
	18-Feb-88	9.200
	4-Sep-86	9.200
461111119064801	4-Sep-86	4.600
461113119063201	4-Sep-86	6.400
461116119063101	4-Sep-86	4.000
461118119030701	19-Feb-88	0.470
	5-Sep-86	0.700
461120119054301	4-Sep-86	4.500
461125119035801	9-Sep-88	2.200
	20-Feb-88	3.400
	5-Sep-86	6.900
461128119055401	7-Sep-88	3.800
	11-Apr-88	6.800
	4-Sep-86	3.700
461129119060401	3-Sep-86	1.600
461129119060701	24-Jun-82	4.800
461129119062901	3-Sep-86	3.900
461140119065301	18-Feb-88	4.500
	3-Sep-86	5.000
461150119101201	12-Sep-88	4.500
	26-Feb-87	4.800
	3-Sep-86	5.800
461155119042201	6-Sep-86	6.500
461155119152301	4-Sep-86	5.000
461156119133001	17-Feb-88	5.000
	25-Feb-87	5.600
	2-Sep-86	8.200
461214119073501	11-Apr-88	5.900
	3-Sep-86	5.900

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Well ID	SampleDate	Nitrate (mg/L)
461223119050201	7-Sep-88	7.700
	22-Feb-88	5.800
	5-Sep-86	8.300
461228119210701	23-Sep-71	8.600
461235119114201	3-Sep-86	16.000
461236119130601	4-Sep-86	7.700
461244119223501	17-Feb-88	14.000
	25-Feb-87	16.000
	2-Sep-86	12.000
461254119075701	22-Feb-88	6.000
	6-Sep-86	3.500
461254119214502	13-Sep-88	17.000
	22-Feb-88	11.000
	3-Sep-86	24.000
461302119140201	3-Sep-86	0.400
461358119271201	2-Sep-86	13.000
461405119271201	25-May-88	5.900
	2-Sep-86	5.400
461449119383701	10-Oct-96	2.300
461527119162601	14-Sep-88	1.000
	26-Feb-87	1.300
461527119162601	9-Sep-86	1.300
461556119171101	9-Sep-86	3.000
461600119173101	24-Feb-88	5.700
	9-Sep-86	6.700
461656119174901	14-Sep-88	5.700
	24-Feb-88	3.800
	8-Sep-86	6.100
461711119164702	5-Sep-86	0.100
461716119175601	10-Sep-88	0.100
	5-Sep-86	0.100

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Well ID	SampleDate	Nitrate (mg/L)
461741119195001	6-Sep-86	0.100
461744119202002	6-Sep-86	0.400
461747119172301	5-Sep-86	8.600
461756119183701	25-Feb-88	0.680
	16-Sep-86	0.400
461807119163701	17-Sep-86	21.000
461817119160901	12-Apr-88	7.700
	26-Feb-87	7.600
	4-Sep-86	7.900
461834119155501	4-Sep-86	5.300
461846119164501	14-Sep-88	5.200
	4-Sep-86	6.200
461850119165501	4-Sep-86	4.400
461916119220801	23-Feb-88	5.200
	9-Sep-86	4.700
461942119203901	13-Oct-88	1.300
	13-Apr-88	0.800
461951119204601	24-Feb-88	0.100
	25-Feb-87	0.100
	17-Sep-86	0.100
462119119235001	9-Sep-86	3.300
Alluvial and Shallow Basalt Wells		
9490002	13-Oct-10	2.060
	22-Sep-09	1.800
	21-Oct-08	2.400
	10-Oct-07	1.530
	4-Oct-06	1.310
	18-Oct-05	1.660
	13-Oct-04	1.740
	9-Oct-03	1.370
	19-Sep-02	1.170
	25-Sep-01	1.290
28-Sep-00	1.900	
461453119284701	2-Sep-86	8.000
461516119193001	18-Sep-86	13.000
461943119245301	22-Feb-88	0.100
	16-Sep-86	0.100

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Well ID	SampleDate	Nitrate (mg/L)
Shallow Basalt		
AA31901	20-Aug-02	4.300
AA38801	10-Jun-03	6.700
AA38901	10-Apr-03	0.500
	25-Mar-03	1.890
AA66801	16-Sep-03	25.100
AA98401	9-Jul-08	5.800
	27-Dec-04	2.410
AB06701	13-Dec-04	6.400
AB13501	30-Dec-04	2.900
AB44001	25-Jan-06	0.200
AC02501	10-Mar-11	1.000
GC-69	26-Sep-95	30.400
	10-May-95	28.300
0007701	2-Aug-07	3.300
0114201	13-Sep-01	0.200
0179201	4-Apr-06	2.800
0217901	6-Jan-05	1.900
0256201	23-Mar-01	0.200
0268901	15-Feb-05	2.000
	6-Mar-00	3.000
0270201	3-Jun-08	4.700
	25-Jan-01	9.000
0341401	27-Sep-10	0.300
	15-Nov-09	0.200
	27-Mar-09	3.000
	8-Aug-08	0.400
	16-Oct-07	0.200
	21-Jul-06	0.300
	7-Oct-05	0.200
	8-Oct-04	0.200
	19-Dec-03	0.500
	14-May-02	0.200
	27-Nov-01	0.400
	28-Aug-01	0.400
	21-Jun-01	0.200
	28-Jun-00	0.110
	9-Mar-00	0.500

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Well ID	SampleDate	Nitrate (mg/L)
0369901	20-Aug-07	9.700
	7-Sep-06	9.900
	14-Oct-05	9.900
	22-Dec-04	6.300
	30-Dec-03	5.900
	23-Aug-02	5.600
	6-Sep-01	5.900
0389001	18-Oct-04	0.400
0391001	9-Apr-09	0.300
	12-May-00	0.700
0423601	7-Feb-11	27.700
	8-Apr-10	28.200
	29-Jan-08	25.400
	16-Jan-08	26.800
	22-Jan-07	17.300
0443201	27-May-08	0.400
	1-Jun-00	2.200
0468201	22-Aug-04	0.700
	6-Jul-00	0.300
0536201	24-Jun-05	0.200
	23-May-03	0.200
0580001	22-Nov-10	4.770
	8-Apr-10	5.000
	7-Apr-09	4.220
	9-Apr-08	4.580
	11-Apr-07	4.800
	20-Apr-06	4.670
	20-Dec-05	4.470
	10-Jun-04	3.970
	23-Jun-03	4.680
	17-Jun-02	3.600
	2-May-00	4.810
0603901	24-Jan-11	5.400
	23-Feb-07	6.900
	8-Jul-05	6.700
0696701	11-Jan-10	7.400
	7-Sep-07	4.600
	2-Jul-04	3.700

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Well ID	SampleDate	Nitrate (mg/L)
0696801	11-Jan-10	3.600
	7-Jul-07	2.200
	2-Jul-04	2.400
0762101	15-May-08	2.200
0769201	19-May-10	1.300
	31-Jan-00	3.600
0775001	5-Jun-08	5.700
	26-Feb-04	2.200
	30-Apr-01	2.200
0790301	8-Dec-09	0.400
	20-Aug-08	0.200
	6-Sep-07	0.400
	6-Sep-06	0.300
	9-Sep-05	0.200
	13-Oct-04	0.200
	30-Dec-03	0.200
19-Dec-01	0.300	
0811301	27-Mar-06	0.500
	6-Feb-01	0.200
0829601	13-Aug-01	5.800
1107801	15-Mar-00	0.300
1591401	7-Jul-05	0.200
	10-Jan-03	0.300
1906901	23-Jan-07	0.200
	20-Dec-04	3.080
	26-Dec-03	1.380
	21-Aug-02	0.050
	15-Oct-04	8.300
2228501	13-Sep-10	0.200
	19-Mar-10	0.200
	4-Jan-10	0.500
	16-Jul-08	0.200
	28-Dec-06	0.200
	28-Dec-05	0.200
	9-Apr-04	0.300
2256401	21-Oct-05	0.900

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Well ID	SampleDate	Nitrate (mg/L)
2511504	14-Jul-10	0.200
	30-Jun-09	0.200
	28-Apr-09	0.200
	9-Jun-08	0.200
	13-Jun-07	0.200
	28-Jun-06	0.500
	13-Jun-05	0.500
	24-Jun-04	0.500
	19-May-03	0.500
	21-May-02	0.500
	18-Dec-01	0.600
	10-Jul-01	0.250
	21-Jun-00	1.310
2512001	17-Dec-04	10.800
3336601	17-May-10	2.630
	14-Apr-09	2.670
	26-Mar-08	2.660
	29-Mar-07	4.600
	28-Dec-06	2.900
	29-Mar-05	2.630
	20-Dec-04	2.620
	5-Aug-03	2.720
	7-Aug-02	3.700
	17-May-10	2.800
	14-Apr-09	2.830
	5-May-08	2.770
	2-May-07	3.100
	30-May-06	2.840
	29-Mar-05	2.910
	20-Dec-04	2.890
	5-Aug-03	2.770
	7-Aug-02	2.300
	8-Apr-09	2.670
	7-Apr-08	2.910
5-Apr-07	2.900	
28-Dec-06	2.400	
12-Dec-05	2.640	
1-Apr-03	2.690	
3469001	16-Sep-04	0.200

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Well ID	SampleDate	Nitrate (mg/L)
3710001	28-May-08	3.000
	7-Jun-05	8.400
	7-Mar-05	8.300
	7-Dec-04	7.600
	29-Sep-04	8.700
	9-Jun-04	6.550
	23-Feb-04	11.100
	7-Nov-03	7.000
	24-Sep-03	5.420
	8-May-03	7.700
	24-Feb-03	11.400
	20-Feb-03	13.500
	14-Nov-02	6.600
	26-Aug-02	5.400
	13-May-02	6.900
	10-Jan-02	6.400
	9-Oct-01	6.900
24-Apr-01	6.900	
4100101	6-May-08	0.500
	30-Aug-05	0.200
4105101	16-Sep-09	0.200
	14-Aug-08	0.300
	31-Oct-05	0.300
	5-Aug-03	0.500
	9-Jul-02	0.200
4157401	25-Jun-08	0.300
	29-Aug-07	0.200
	5-Apr-06	0.200
	2-Mar-05	0.200
	4-Feb-04	0.200
	19-Feb-03	0.200
	9-May-02	0.200
	4-Feb-02	0.300
	12-Dec-01	0.300
	2-Oct-00	0.200
15-Mar-00	0.300	

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Well ID	SampleDate	Nitrate (mg/L)
4217503	7-Mar-11	12.800
	20-Dec-10	12.000
	15-Sep-10	12.100
	12-Jul-10	8.100
	8-Jun-10	13.300
	30-Mar-10	12.300
	10-Nov-09	11.200
	21-Sep-09	10.600
	2-Jun-09	11.900
	9-Mar-09	11.700
	1-Dec-08	11.200
	7-Sep-08	10.700
	15-Jul-08	11.700
	9-Jun-08	11.500
	10-Mar-08	11.400
	18-Dec-07	12.100
	17-Sep-07	9.770
	11-Jun-07	11.300
	13-Mar-07	10.800
	12-Dec-06	10.000
	5-Sep-06	8.800
	13-Jun-06	9.600
	20-Mar-06	8.900
21-Nov-05	8.700	
26-Sep-05	8.600	
8-Jun-05	9.100	
7-Mar-05	7.700	
5322005	7-Jul-10	1.140
	23-Jun-09	1.200
	1-Apr-08	1.500
	5-Sep-07	0.820
	4-Dec-06	0.200
	22-Mar-05	1.900
	28-Dec-04	0.930
	2-Apr-03	1.980
	22-May-02	1.600
	11-Jan-01	0.700
	10-Aug-00	1.300
5326301	28-Sep-09	0.200
	27-Aug-01	0.100

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Well ID	SampleDate	Nitrate (mg/L)
5671401	20-Jul-09	0.200
	15-Jun-07	0.200
	19-Jul-04	0.200
	21-May-02	0.300
	17-Jul-00	0.200
6242801	25-Mar-04	1.900
6722502	14-Sep-04	4.110
7104001	16-Sep-10	4.000
	28-Sep-09	3.000
	21-Oct-08	3.600
	7-Sep-07	4.200
	8-Aug-06	2.800
	2-Aug-05	1.700
	3-Aug-04	3.000
	25-Jul-03	2.400
	17-Jul-02	1.600
	19-Jul-01	2.900
19-Jul-00	1.700	
7787501	12-Feb-02	2.700
	26-Apr-01	2.500
8940501	27-Dec-01	10.200
9490010	22-Jul-10	0.200
	7-Jul-09	0.200
	18-Aug-08	0.200
	29-Jul-08	0.200
	24-Apr-08	0.200
	10-Apr-08	1.160
	20-Sep-07	0.200
	13-Mar-06	0.500

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Well ID	SampleDate	Nitrate (mg/L)
9657001	3-Jan-11	0.180
	11-Oct-10	0.180
	12-Apr-10	0.190
	11-Jan-10	0.150
	12-Oct-09	0.240
	13-Jul-09	0.130
	6-Apr-09	0.140
	13-Jan-09	0.170
	20-Oct-08	0.200
	9-Jul-08	0.120
	7-Apr-08	0.230
	7-Jan-08	0.140
	1-Oct-07	0.130
	9-Jul-07	0.160
	9-Apr-07	0.170
	8-Jan-07	0.180
	2-Oct-06	0.180
	17-Jul-06	0.240
	10-Apr-06	0.230
	9-Jan-06	0.180
	3-Jan-05	0.580
	1-Nov-04	0.560
	12-Jul-04	0.490
	5-Apr-04	0.530
	5-Jan-04	0.300
	20-Oct-03	0.270
	7-Jul-03	0.640
	14-Apr-03	2.620
	6-Jan-03	2.280
	4-Nov-02	10.000
23-Sep-02	9.900	
3-Jun-02	11.000	
7-Jan-02	10.000	
1-Oct-01	10.300	
17-Jul-01	13.000	
2-Apr-01	13.000	
5-Feb-01	12.000	
455700119264201	30-Mar-82	10.000
455703119205101	18-Oct-71	0.060
460628118592601	11-Sep-86	1.700
460637119595901	19-Feb-88	2.100
	8-Sep-86	3.000

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Well ID	SampleDate	Nitrate (mg/L)
460645118592101	26-Feb-87	4.700
	8-Sep-86	2.300
460748119020801	10-Sep-86	0.100
460803119023301	9-Sep-86	2.400
460806119100601	9-Sep-88	0.100
	10-Sep-86	0.100
460822119011001	13-Oct-88	0.380
460826119043901	9-Sep-88	9.400
	22-Feb-88	8.500
	10-Sep-86	4.300
460827119011201	10-Sep-86	1.300
460843119012401	9-Sep-86	0.300
460851119013901	9-Sep-86	2.700
460855119015801	9-Sep-86	0.100
460857119024701	9-Sep-86	0.100
460903119022201	9-Sep-86	2.100
460911119021901	18-Feb-88	0.100
	10-Sep-86	0.100
460912119022701	9-Sep-86	1.100
460914119031201	10-Sep-86	5.500
460922119052101	12-Apr-88	0.100
	4-Sep-86	0.100
460923119034702	3-Sep-86	0.300
460923119035001	4-Sep-86	0.100
460925119040001	4-Sep-86	6.100
460929119024701	4-Sep-86	4.500
460934119064301	24-Jun-82	5.000
460938119031201	4-Sep-86	0.200
460948119053501	3-Sep-86	3.100
461000119044601	13-Oct-88	0.100
	19-Feb-88	0.100
	3-Sep-86	0.100
461003119080301	27-Sep-86	0.800
461004119014501	9-Sep-86	1.400
461010119031001	7-Sep-88	0.100
461032119014101	27-Apr-88	0.260
461032119014101	6-Sep-86	0.300
461037119165401	5-Sep-86	2.500

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
461044119122701	25-Feb-87	2.600
	16-Sep-86	2.500
	2-Sep-86	2.600
	25-Jun-82	1.800
461045119052301	4-Sep-86	0.100
461050119480301	20-Jul-83	2.400
	9-Mar-83	2.400
	25-Aug-82	2.400
461101119071101	17-Feb-88	0.100
	1-Jul-87	0.100
	7-May-87	0.100
	26-Feb-87	0.100
	5-Feb-87	0.100
	15-Jan-87	0.100
	16-Dec-86	0.100
	11-Sep-86	0.100
461102119162601	20-Feb-88	2.800
	4-Mar-87	3.000
	4-Sep-86	3.000
461105119120501	2-Sep-86	3.200
461110119213001	15-Sep-88	0.100
461139119070401	13-Apr-88	0.620
	4-Sep-86	1.700
461141119040401	18-Feb-88	0.100
	5-Sep-86	0.100
461141119041001	18-Feb-88	0.100
	5-Sep-86	1.900
461208119044001	18-Feb-88	0.100
	6-Sep-86	0.100
461208119143001	17-Feb-88	0.100
	5-Sep-86	0.100

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
461213119143301	19-Feb-88	5.100
	5-Sep-86	5.300
461245119221502	22-Jul-83	11.000
	8-Mar-83	7.900
	27-Aug-82	11.000
461305119115601	12-Apr-88	4.200
	17-Sep-86	1.600
	22-Jul-83	5.600
	17-May-83	5.300
	27-Aug-82	3.600
461340119161002	10-Sep-88	0.960
	25-Feb-88	11.000
	2-Mar-87	12.000
	9-Sep-86	4.300
461346119405401	16-Apr-97	4.100
	3-Oct-96	5.300
461346119431101	4-Oct-96	4.000
461349119432801	8-Oct-96	2.600
461411119404701	2-Oct-96	5.500
461411119421701	15-Apr-97	11.000
	4-Oct-96	13.000
461426119180301	21-Feb-88	8.100
	9-Sep-86	8.800
461429119432001	15-Apr-97	5.400
	8-Oct-96	5.300
461438119441701	3-Oct-96	1.900
461440119291001	17-Feb-88	0.620
	1-Jul-87	0.800
	6-May-87	0.700
	26-Feb-87	0.700
	3-Feb-87	0.700
	16-Sep-86	0.700
461440119410801	1-Oct-96	6.200
461459119430401	16-Apr-97	15.000
	9-Oct-96	20.000
461505119161701	10-Sep-88	1.900
	21-Feb-88	0.200
	17-Sep-86	1.400
461514119193301	24-Feb-88	22.000
	9-Sep-86	24.000

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
461527119412501	15-Apr-97	12.000
	1-Oct-96	11.000
461528119444101	16-Apr-97	9.100
	7-Oct-96	9.300
461529119275701	13-Sep-88	6.200
	5-Sep-86	5.700
461529119280101	6-Sep-86	6.000
461532119205201	23-Feb-88	13.000
	9-Sep-86	13.000
461550119212701	10-Sep-88	9.100
	24-Feb-88	6.300
	2-Mar-87	8.900
461550119212701	17-Sep-86	13.000
461553119205501	24-Feb-88	44.000
	2-Mar-87	52.000
	9-Sep-86	41.000
461613119282201	5-Sep-86	0.100
461622119301601	20-Jul-83	1.900
	8-Mar-83	1.900
	26-Aug-82	1.800
461623119462301	9-Oct-96	5.600
461626119194201	8-Sep-86	3.100
461638119195501	11-Apr-88	0.100
	26-Feb-87	0.100
	8-Sep-86	0.100
461646119460601	30-Sep-96	2.100
461647119225201	19-Apr-88	5.200
	11-Apr-88	4.900
	6-Sep-86	6.700
461652119170101	14-Sep-88	0.100
	9-Sep-86	0.100
461706119195801	9-Sep-86	0.100
	8-Sep-86	0.100
461706119201801	23-Feb-88	0.100
	16-Sep-86	0.600
461708119292801	25-Jun-82	3.400
461716119243402	20-Feb-88	0.100
	6-Sep-86	0.100
461720119472701	8-Oct-96	5.000
461725119240701	26-Feb-88	5.900
	18-Sep-86	5.700

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
461735119455501	14-Apr-97	20.300
	30-Sep-96	21.000
461737119185001	25-Feb-88	0.100
	16-Sep-86	0.100
	24-Jun-82	0.100
461748119241601	20-Feb-88	5.300
	8-Sep-86	6.900
461749119484901	11-Jun-82	7.600
461755119282101	5-Sep-86	0.100
461757119194502	6-Sep-86	0.100
461757119241502	6-Sep-86	6.000
461758119250001	8-Sep-86	2.300
461800119205901	24-Jun-82	0.100
461844119515301	21-Jul-83	3.100
	9-Mar-83	3.300
	25-Aug-82	3.000
461854119262201	13-Sep-88	0.230
	22-Feb-88	0.390
461902119265601	22-Feb-88	0.100
	22-Jul-83	0.100
	8-Mar-83	0.100
	28-Aug-82	0.100
462103119213101	25-Feb-88	0.100
	5-Mar-87	0.100
	5-Sep-86	0.100
465335119482301	29-Mar-82	4.500
465932119363601	20-Jul-83	54.000
	2-Mar-83	47.000
	26-Aug-82	45.000
	31-Mar-82	33.000
Shallow and Intermediate Basalt		
AA64601	16-Feb-04	2.300
AC14401	3-Jul-08	0.200

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
0255801	2-Nov-10	0.200
	29-Oct-09	0.200
	28-Apr-09	0.200
	18-Mar-08	0.200
	4-Apr-07	0.200
	19-Sep-06	0.200
	29-Mar-05	0.500
	29-Dec-04	0.160
	15-Sep-03	0.290
	21-May-02	0.200
	18-Dec-01	1.200
	10-Jul-01	1.850
	6-Sep-00	0.500
0298701	27-Mar-09	0.300
	4-Dec-02	0.200
0615201	4-Feb-11	2.700
	7-Jan-11	2.100
	13-Dec-10	1.100
	4-Nov-10	5.700
	7-Oct-10	1.200
	9-Sep-10	3.400
	12-Aug-10	2.800
	21-Jul-10	2.340
	15-Jul-10	14.900
	22-Jun-10	7.330
	19-May-10	7.100
	1-Apr-10	4.100
	5-Mar-10	4.600
	12-Feb-10	2.600
	7-Jan-10	2.400
	11-Dec-09	5.300
	6-Nov-09	2.600
	2-Oct-09	1.700
	1-Sep-09	3.700
	7-Aug-09	1.600
6-Jul-09	2.200	
5-Jun-09	4.700	
15-May-09	2.400	
17-Apr-09	3.400	

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
0615201 continued	6-Mar-09	2.200
	6-Feb-09	3.400
	23-Jan-09	6.810
	8-Dec-08	2.700
	3-Nov-08	4.400
	20-Oct-08	2.000
	2-Sep-08	2.350
	31-Aug-08	3.290
	29-Jul-08	35.700
	19-Jun-08	2.640
	9-May-08	7.300
	23-Apr-08	5.850
	31-Mar-08	5.160
	26-Feb-08	0.930
	9-Jan-08	7.450
	13-Dec-07	3.760
	7-Nov-07	2.900
	20-Sep-07	2.830
	15-Aug-07	2.010
	10-Jul-07	2.620
	26-Jun-07	2.120
	16-May-07	4.900
	19-Apr-07	3.770
	5-Dec-06	23.800
	27-Sep-06	18.800
	7-Jun-06	7.570
	30-May-06	18.200
	23-Mar-06	20.400
	12-Oct-05	17.100
	14-Sep-05	1.730
	26-May-05	23.500
	12-Jan-05	26.400
	22-Dec-04	21.000
	5-Oct-04	18.700
	30-Jun-04	16.000
	1-Jun-04	0.500
15-Mar-04	16.000	
12-Nov-03	8.020	
30-Sep-03	17.800	
7-May-03	12.300	

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
0615201 continued	11-Mar-03	13.400
	22-May-02	7.470
	19-Mar-02	12.800
	7-Dec-01	10.900
	21-Sep-01	9.500
	14-Jun-01	11.500
	19-Apr-01	11.100
	2-Feb-01	12.100
	18-Apr-00	12.700
	21-Feb-00	11.400
1633101	18-Aug-04	0.500
	19-Aug-03	0.500
	6-May-02	0.100
1764101	20-Dec-10	0.500
	24-Oct-10	17.500
	29-Sep-10	17.200
	22-Jun-10	18.100
	26-Mar-10	16.100
	4-Dec-09	17.500
	30-Sep-09	16.600
	30-Jun-09	16.700
	29-Jun-09	16.700
	30-Apr-09	0.400
	22-Apr-09	16.300
	31-Dec-08	18.400
	3-Oct-08	17.500
	25-Jun-08	19.500
	31-Mar-08	19.700
	19-Dec-07	20.500
	21-Sep-07	19.300
	12-Jul-07	17.800
	26-Jun-07	17.700
	25-Jun-07	18.400
	19-Mar-07	17.900
	18-Dec-06	12.300
	20-Sep-06	11.500
	21-Jun-06	10.100
15-Mar-06	8.700	
7-Dec-05	9.700	
22-Sep-05	9.800	

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
1764101 continued	25-Jul-05	10.500
	15-Jun-05	9.600
	16-Mar-05	9.800
	17-Nov-04	9.600
	23-Aug-04	9.500
	30-Jun-04	8.800
	20-May-04	9.500
	12-May-04	8.900
	25-Mar-04	9.400
	18-Feb-04	8.900
	12-Nov-03	9.100
	19-Aug-03	9.400
	17-Jun-03	9.100
	21-May-03	9.600
	19-Feb-03	10.100
	19-Dec-02	10.500
	25-Sep-02	9.100
	12-Jun-02	9.700
	29-May-02	9.600
	27-Mar-02	8.900
	18-Dec-01	10.000
	19-Sep-01	7.500
	12-Jun-01	8.100
	14-Mar-01	8.500
	20-Dec-00	11.700
13-Sep-00	9.800	
14-Jun-00	5.100	
8-Mar-00	12.600	
1776401	10-Feb-09	0.400
	8-Nov-05	0.300
	17-Sep-04	0.200
	1-Nov-01	0.300

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
1818004	20-Jul-10	4.870
	27-Jul-09	5.800
	17-Jul-08	6.700
	30-Jul-07	6.500
	27-Dec-06	6.300
	7-Dec-06	7.300
	27-Sep-06	6.900
	23-Jun-06	5.800
	28-Mar-06	7.000
	30-Nov-05	6.100
	29-Sep-05	7.500
	13-Jun-05	2.900
	15-Mar-05	7.500
	30-Dec-04	6.900
	27-Sep-04	5.600
	29-Mar-04	6.900
	27-Mar-03	8.700
	3-Oct-02	9.500
16-Oct-01	9.600	
3207401	13-Jan-10	1.700
	10-Aug-07	4.000
5762001	15-Dec-10	2.400
	25-Jan-08	2.200
	5-Mar-07	2.100
	1-Oct-04	1.200
	19-Sep-01	18.600
5-Jul-01	9.800	
6804501	29-Nov-10	3.600
	21-Dec-09	2.270
	20-Feb-09	1.400
	15-Jan-08	0.890
	27-Feb-06	0.400
	19-Jan-04	0.500
	11-Jul-01	2.430
	11-Jun-01	1.490
	2-Apr-01	0.500
	20-Feb-09	0.300

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
6975003	11-Aug-04	0.500
	9-Jun-04	0.500
	5-Aug-03	0.500
	29-Jul-02	0.500
	26-Jun-01	0.500
	15-Sep-00	0.500
460326119274601	30-Mar-82	22.000
461120119155601	12-Sep-88	0.100
	17-Feb-88	0.100
	4-Sep-86	0.300
461128119213801	27-Aug-82	0.100
461138119190001	5-Sep-01	0.221
461226119223601	20-Feb-88	0.100
461358119173701	24-Jun-82	8.200
461637119270101	16-Sep-86	0.100
461807119221001	10-Sep-86	1.400
Intermediate Basalt		
AA10801	2-Jun-09	0.580
	8-Jun-04	0.500
	13-May-02	0.500
AA99901	20-Dec-04	1.500
AB02801	19-Jan-05	3.400
AB03301	15-Nov-04	2.900
AB11301	14-Mar-05	0.800
AB17301	22-Feb-05	0.400
AB44801	8-Feb-04	0.500
AB56401	28-Oct-10	0.200
	30-Sep-09	0.300
	25-Mar-08	0.300
	18-Dec-07	0.200
	21-Mar-07	0.200
	27-Sep-06	0.200
AC11101	22-May-08	0.050
CRGWDB-211252	26-Sep-95	1.230
	8-May-95	0.992
0069701	10-Jul-08	0.300
	17-Aug-06	0.300
	3-Sep-04	0.200
	31-Jan-03	0.400

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
0330301	24-Jun-10	0.400
	24-Jun-09	0.200
	21-Apr-09	0.500
	20-Mar-08	0.300
	18-Jun-07	0.200
	29-Mar-06	0.400
	27-May-05	0.200
	21-Dec-04	0.070
	3-Aug-01	0.200
0397401	9-Nov-07	0.300
	8-Aug-04	0.200
	31-Mar-03	0.400
	27-Nov-01	0.200
	13-Dec-00	0.300
0408501	4-Dec-01	0.200
1548801	2-May-08	0.200
	30-Jun-05	0.200
1658901	3-May-10	0.900
	18-May-09	0.154
	25-Mar-08	0.300
	15-Nov-07	0.115
	30-Apr-06	0.200
	8-Mar-05	0.200
	12-Oct-04	0.500
	20-Mar-03	0.500
	13-Dec-01	0.500
2187701	28-May-08	7.000
2261703	20-Apr-10	0.200
	4-Dec-09	0.300
	31-Aug-09	0.200
	18-Dec-08	0.200
	17-Aug-07	0.300
	29-Aug-06	0.050
	10-Aug-05	0.050
	17-Jun-05	0.300
	29-Jul-04	0.200
	30-Dec-03	0.200
	4-Feb-02	0.050

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
6647502	28-Oct-10	0.340
	17-Mar-09	0.200
	14-Jul-08	0.200
	11-Mar-08	0.200
	14-Dec-06	0.300
	28-Nov-05	0.300
	7-Mar-05	0.200
	16-Oct-03	0.080
6975002	11-Aug-04	0.500
	5-Aug-03	0.100
	29-Jul-02	0.500
	26-Jun-01	0.500
	15-Sep-00	0.500
6975007	23-Oct-07	0.050
	10-Oct-06	0.200
	5-Dec-05	0.500
	14-Nov-05	0.200
9319001	8-Nov-10	13.700
	9-Nov-09	13.000
	10-Nov-08	12.800
	8-Oct-07	11.800
	10-Oct-06	12.000
	17-Oct-05	12.600
	15-Nov-04	11.400
	10-Nov-03	11.900
	8-Jul-03	12.400
	14-Apr-03	11.500
	13-Jan-03	11.800
	12-Nov-02	12.100
	29-Jul-02	15.400
	23-Apr-02	12.300
	23-Jan-02	12.600
	20-Dec-01	15.400
	17-Apr-01	13.400
	22-Jan-01	13.300
	23-Oct-00	13.400
	24-Jul-00	12.800
12-Apr-00	12.500	
19-Jan-00	13.100	

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
9490009	22-Jul-10	0.200
	23-Jun-09	0.200
	14-Jul-08	0.200
	17-Jul-07	0.200
	25-Jul-06	0.200
	18-Aug-05	0.500
	2-Aug-04	0.500
	2-Jul-03	0.500
460244119381201	31-Mar-82	0.100
461207119462801	28-Sep-70	0.000
461213119174101	5-Sep-86	0.100
461343119410201	20-Jul-83	0.100
	9-Mar-83	0.100
	26-Aug-82	0.100
461520119270001	6-Sep-86	4.200
461544119270001	28-Aug-82	0.930
461627119280601	19-Apr-88	0.100
	5-Sep-86	0.100
462328119320101	19-Nov-70	0.045
463459119483401	28-Jul-83	0.100
	10-Sep-82	0.100
463505119441501	27-Apr-77	0.100
	8-Sep-70	0.000
	27-Aug-70	0.000
Intermediate and Deep Basalt		
AA43101	30-Mar-10	0.200
	21-May-03	0.500
	28-Mar-03	0.200
461446119230301	5-Sep-01	0.221

**Table 1. Summary of Historic (1971-2011) Nitrate Results
Benton County, Washington**

Well ID	SampleDate	Nitrate (mg/L)
Deep Basalt		
5634402	28-Sep-10	0.200
	29-Sep-09	0.200
	14-Nov-08	0.200
	7-Dec-07	0.500
	17-Nov-06	0.300
	4-Nov-05	0.200
	30-Dec-04	0.200
	21-Nov-03	0.400
	2-Mar-03	0.500
	14-Nov-02	0.200
	21-Nov-01	0.200
	9-Nov-01	0.300
	12-Nov-00	0.200
6975005	29-Sep-10	0.050
	22-Sep-09	0.050
	18-Nov-08	0.050
	26-Nov-07	0.200
	10-Oct-06	0.200
	5-Dec-05	0.500
	17-Aug-05	0.200
	11-Aug-04	0.500
	5-Aug-03	0.500
	29-Jul-02	0.500
	26-Jun-01	0.500
Shallow, Intermediate, and Deep Basalt		
463521119512601	28-Jul-83	0.100
	10-Sep-82	0.100
Notes:		
* Uncertain of water bearing zone		
		Exceeds WDOH and EPA Nitrate MCL of 10mg/L.
		Exceeds 20mg/L. Double the WDOH and EPA Nitrate.
Red Text = Suspect Result		
mg/L = milligrams per liter		

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
Alluvial Wells		
BC019 WW	6-Oct-16	3.43
	15-Mar-16	2.94
	26-Oct-15	3.1
BC022 WW	23-Sep-16	9.94
	17-Mar-16	15.9
	29-Oct-15	12.5
BC055 WW	28-Sep-16	0.29
	6-Apr-16	0.33
	2-Dec-15	0.05
BC057 WW	22-Sep-16	2.79
	17-Mar-16	2.78
	30-Dec-15	2.51
BC062 WW	7-Oct-16	0.34
	15-Mar-16	0.31
BC073 WW*	13-Oct-16	5.06
	7-Apr-16	4.39
BC075 WW	13-Oct-16	5.65
	7-Apr-16	1.63
BC082 WW	4-Oct-16	4.62
	5-Apr-16	4.76
BC084 WW	27-Sep-16	8.21
	6-Apr-16	7.28
BC085 WW	27-Sep-16	7.36
	6-Apr-16	2.74
BC086 WW	23-Sep-16	1.28
	6-Apr-16	1.13
BC088 WW	15-Sep-16	17.4
	6-Apr-16	17.1
BC100 WW	23-Sep-16	0.69
	6-Apr-16	5.75
BC112 WW	11-Oct-16	2.34
	8-Apr-16	2.2
BC113 WW	28-Sep-16	7.26
	8-Apr-16	7.61
BC115 WW	15-Sep-16	32.3
	8-Apr-16	25.2
BC125 WW*	23-Sep-16	11.4
	14-Apr-16	12.7

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC126 WW	15-Sep-16	8.98
	14-Apr-16	8.49
BC127 WW	15-Sep-16	1.24
	14-Apr-16	1.04
BC134 WW	13-Oct-16	17.4
	13-Apr-16	18.3
BC135 WW	28-Sep-16	0.29
	14-Apr-16	0.196
BC136 WW	27-Sep-16	7.36
	14-Apr-16	6.6
BC137860 WW	28-Sep-16	3.90
	24-Mar-16	5.48
	18-Nov-15	16.4
BC139221 WW	11-Oct-16	14.6
	24-Mar-16	14.7
	27-Oct-15	16.8
BC139464 WW	28-Sep-16	1.24
	15-Mar-16	1.43
	27-Oct-15	2
BC140484 WW	28-Sep-16	2.54
	17-Mar-16	6.55
	27-Oct-15	4.5
BC140614 WW	28-Sep-16	24.2
	17-Mar-16	21.7
	18-Nov-15	4.6
BC141484 WW	6-Oct-16	6.97
	15-Mar-16	6.77
	27-Oct-15	7.6
BC141785 WW	10-Oct-16	2.08
	11-Apr-16	2.25
	19-Oct-15	2.1
BC142834 WW	10-Oct-16	13.4
	2-May-16	12.6
BC143300 WW	6-Oct-16	0.69
	15-Mar-16	0.74
	21-Oct-15	0.4
BC144111 WW	22-Sep-16	6.82
	28-Apr-16	7.26
	22-Oct-15	6.81
BC145 WW	27-Sep-16	5.53
	14-Apr-16	4.69

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC145628 WW	19-Sep-16	3.22
	15-Apr-16	2.83
	10-Nov-15	1.7
BC148903 WW	5-Oct-16	5.68
	17-Mar-16	5.08
	29-Dec-15	4.49
BC151 WW	23-Sep-16	3.71
	15-Apr-16	3.39
BC184 WW	23-Sep-16	15.3
	27-Apr-16	14.7
BC194 WW	15-Sep-16	8.80
	21-Apr-16	8.68
BC360516 WW	11-Oct-16	9.04
	24-Mar-16	8.94
	27-Oct-15	8.7
BC375867 WW	11-Oct-16	4.51
	24-Mar-16	3.96
	27-Oct-15	5.7
BC520947 WW	20-Sep-16	0.17
	14-Mar-16	0.27
	20-Oct-15	0.17
BC717770 WW	20-Sep-16	0.23
	14-Mar-16	0.35
	21-Dec-15	0.24
Alluvial and Shallow Basalt Wells		
BC002 WW	29-Sep-16	0.17
	22-Mar-16	0.25
	22-Oct-15	0.2
BC004 WW*	28-Sep-16	3.35
	17-Mar-16	4.57
	26-Oct-15	1.6
BC005 WW*	20-Sep-16	0.19
	4-Apr-16	0.28
	22-Oct-15	0.1
BC006 WW	29-Sep-16	0.09
	22-Mar-16	0.22
	3-Nov-15	0.4
BC014 WW	29-Sep-16	0.12
	5-Apr-16	0.18
	27-Oct-15	0.18

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC015 WW	6-Oct-16	4.77
	15-Mar-16	3.06
	28-Oct-15	3.1
BC020 WW	21-Sep-16	15.5
	16-Mar-16	16.1
	22-Oct-15	14.7
BC026 WW	11-Oct-16	6.17
	24-Mar-16	0.23
	29-Oct-15	0.19
BC045 WW	11-Oct-16	0.21
	24-Mar-16	0.306
	11-Nov-15	0.2
BC052 WW*	6-Oct-16	1.03
	15-Mar-16	1.07
	12-Nov-15	1.06
BC059 WW	22-Sep-16	2.80
	17-Mar-16	2.85
	3-Feb-16	2.94
BC064 WW	22-Sep-16	2.02
	17-Mar-16	1.8
BC067 WW	29-Sep-16	0.31
	5-Apr-16	0.42
BC074 WW*	13-Oct-16	5.51
	7-Apr-16	6.04
BC081 WW	23-Sep-16	11.7
	5-Apr-16	12.1
BC087 WW	15-Sep-16	15.1
	6-Apr-16	13.4
BC089 WW*	4-Oct-16	3.11
	7-Apr-16	9.0
BC090 WW*	4-Oct-16	0.23
	7-Apr-16	0.27
BC092 WW*	13-Oct-16	2.49
	8-Apr-16	1.03
BC099 WW	4-Oct-16	9.45
	5-Apr-16	10.3
BC103 WW	29-Sep-16	4.75
	7-Apr-16	4.02
BC104 WW	5-Oct-16	7.64
	7-Apr-16	9.44

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC111 WW	22-Sep-16	1.84
	8-Apr-16	1.93
BC114 WW	15-Sep-16	23.5
	8-Apr-16	19.8
BC116 WW	15-Sep-16	9.91
	8-Apr-16	9.67
BC117 WW	15-Sep-16	26.7
	8-Apr-16	26.7
BC121 WW*	20-Sep-16	0.19
	14-Apr-16	0.24
BC124 WW*	4-Oct-16	23.1
	14-Apr-16	21.4
BC128 WW	15-Sep-16	1.57
	14-Apr-16	7.28
BC136566 WW	6-Oct-16	1.15
	15-Mar-16	1.38
	26-Oct-15	1.3
BC136842 WW	7-Oct-16	0.24
	17-Mar-16	0.116
	13-Jan-16	0.34
BC137 WW	27-Sep-16	0.24
	14-Apr-16	0.71
BC139427 WW	6-Oct-16	1.37
	15-Mar-16	1.55
	27-Oct-15	1.3
BC140261 WW	21-Sep-16	15.5
	16-Mar-16	19.2
	12-Oct-15	16.2
BC142979 WW	22-Sep-16	3.84
	17-Mar-16	3.38
	21-Dec-15	3.8
BC146313 WW	6-Oct-16	3.00
	15-Mar-16	1.88
	27-Oct-15	5.3
BC146809 WW	3-Oct-16	59.7
	14-Apr-16	55.2
	28-Dec-15	56.5
BC147461 WW	21-Sep-16	2.38
	16-Mar-16	2.85
	12-Oct-15	2.4

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC147494 WW	20-Sep-16	4.71
	14-Mar-16	5.32
	21-Dec-15	4.89
BC147913 WW	27-Sep-16	1.84
	23-Mar-16	1.98
	17-Nov-15	2
BC148449 WW	26-Sep-16	12.3
	28-Mar-16	11.1
	19-Nov-15	12.9
BC148771 WW	26-Sep-16	6.14
	23-Mar-16	24.9
	17-Nov-15	1.9
BC178749 WW	26-Sep-16	0.93
	28-Mar-16	2.01
	19-Nov-15	1.7
BC183 WW	20-Sep-16	0.16
	28-Apr-16	0.81
BC185 WW	20-Sep-16	0.36
	27-Apr-16	0.39
BC193 WW	13-Oct-16	5.30
	21-Apr-16	5.26
BC316430 WW	22-Sep-16	6.55
	16-Mar-16	7.07
	22-Oct-15	6.9
BC322089 WW	26-Sep-16	13.7
	28-Mar-16	0.188
	3-Dec-15	0.67
BC339864 WW	5-Oct-16	5.47
	16-Mar-16	5.3
	2-Nov-15	5.28
BC375654 WW	20-Sep-16	2.88
	14-Mar-16	8.85
	21-Dec-15	5.67
BC377466 WW	11-Oct-16	0.79
	24-Mar-16	0.89
	3-Dec-15	0.1
BC386315 WW	26-Sep-16	24.9
	13-Apr-16	26.7
	19-Jan-16	26.9

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC396282 WW	27-Sep-16	2.06
	23-Mar-16	2.99
	28-Oct-15	2.9
BC413118 WW	27-Sep-16	4.57
	14-Mar-16	5.05
	20-Oct-15	5
BC436911 WW	4-Oct-16	0.23
	22-Mar-16	0.305
	22-Dec-15	0.21
BC485929 WW	21-Sep-16	1.26
	16-Mar-16	2.85
	28-Oct-15	1.0
BC493528 WW	5-Oct-16	1.13
	31-Mar-16	0.069
	3-Feb-16	2.61
BC515512 WW	20-Sep-16	2.53
	14-Mar-16	1.84
	4-Jan-16	1.7
BC541812 WW	26-Sep-16	0.17
	13-Apr-16	0.23
	19-Jan-16	0.14
BC577415 WW	22-Sep-16	12.5
	17-Mar-16	5.74
	12-Jan-16	6.11
BC588903 WW	13-Oct-16	48.1
	16-Mar-16	62
	12-Jan-16	85.1
BC596757 WW	5-Oct-16	5.50
	29-Mar-16	6.09
	17-Nov-15	6.2
BC619519 WW	21-Sep-16	6.0
	16-Mar-16	6.47
	20-Oct-15	5.9
BC717772 WW	20-Sep-16	0.31
	14-Mar-16	0.26
	29-Dec-15	0.3
BC757983 WW	22-Sep-16	3.71
	17-Mar-16	3.5
	21-Dec-15	3.7

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC797537 WW	21-Sep-16	5.71
	16-Mar-16	6.14
	22-Dec-15	6.26
Shallow Basalt Wells		
BC113574 WW	5-Oct-16	0.33
	22-Mar-16	0.248
	27-Oct-15	0.18
BC146279 WW	3-Oct-16	0.24
	14-Apr-16	0.204
	16-Nov-15	0.12
Shallow and Intermediate Basalt Wells		
BC042 WW	3-Oct-16	12.3
	14-Apr-16	14.2
	4-Nov-15	0.11
BC053 WW	3-Oct-16	0.22
	14-Apr-16	0.17
	16-Nov-15	0.11
BC066 WW	27-Sep-16	35.4
	23-Mar-16	35.8
BC120 WW	20-Sep-16	5.59
	14-Apr-16	3.75
BC139185 WW	27-Sep-16	27.9
	23-Mar-16	27.6
	21-Jan-16	27.4
BC140262 WW	5-Oct-16	7.19
	16-Mar-16	7.54
	12-Jan-16	8.5
BC145482 WW	19-Sep-16	22.3
	15-Apr-16	4.69
	10-Nov-15	20.7
BC146625 WW	7-Oct-16	0.38
	23-Mar-16	0.459
	5-Nov-15	0.4
BC186 WW	20-Sep-16	7.45
	27-Apr-16	8.58
BC192 WW	15-Sep-16	19.1
	21-Apr-16	18.7

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC404762 WW	3-Oct-16	1.28
	14-Apr-16	1.06
BC577374 WW	6-Oct-16	0.23
	15-Mar-16	0.23
	2-Nov-15	0.37
BC782321 WW	13-Oct-16	47.0
	17-Mar-16	43.6
	21-Dec-15	46.1
BC797527 WW	7-Oct-16	0.18
	17-Mar-16	0.121
	24-Nov-15	0.2
Intermediate Basalt Wells		
BC056 WW	29-Sep-16	0.09
	5-Apr-16	0.21
	3-Dec-15	4.4
BC138633 WW	29-Sep-16	0.08
	5-Apr-16	0.19
Intermediate and Deep Basalt Wells		
BC023 WW	27-Sep-16	0.34
	23-Mar-16	0.281
	28-Oct-15	0.52
Unknown Wells		
05796M WW	25-Oct-16	13.00
	28-Apr-16	3.80
	27-Oct-15	10.70
BC001 WW	21-Sep-16	26.7
	16-Mar-16	37.5
	20-Oct-15	34.7
BC003 WW	13-Oct-16	7.71
	24-Mar-16	0.204
	16-Nov-15	0.12
BC007 WW	13-Oct-16	5.11
	24-Mar-16	5.59
	29-Oct-15	6.8
BC008 WW	11-Oct-16	0.13
	11-Apr-16	8.28
	29-Oct-15	8.2
BC010 WW	28-Sep-16	20.6
	17-Mar-16	19.6
	26-Oct-15	19.8

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC011 WW	4-Oct-16	0.24
	22-Mar-16	0.241
	21-Oct-15	0.4
BC012 WW	28-Sep-16	0.75
	17-Mar-16	0.72
	22-Oct-15	0.9
BC013 WW	4-Oct-16	0.74
	22-Mar-16	5.19
	22-Oct-15	0.4
BC016 WW	11-Oct-16	7.46
	24-Mar-16	7.56
	26-Oct-15	7.5
BC017 WW	22-Mar-16	14.30
	27-Oct-15	13.4
BC018 WW	24-Mar-16	6.35
	26-Oct-15	7.1
BC021 WW	11-Oct-16	4.45
	24-Mar-16	4.32
	26-Oct-15	4.5
BC024 WW	11-Oct-16	6.54
	24-Mar-16	5.54
	29-Oct-15	6.6
BC025 WW	6-Oct-16	5.61
	15-Mar-16	5.85
	29-Oct-15	7.2
BC027 WW	11-Oct-16	5.60
	24-Mar-16	5.92
	3-Nov-15	6.01
BC029 WW	22-Sep-16	6.31
	17-Mar-16	6.23
	27-Oct-15	4.8
BC030 WW	4-Oct-16	10.2
	22-Mar-16	10.6
	3-Nov-15	10.7
BC031 WW	21-Sep-16	13.1
	29-Mar-16	10.3
	28-Oct-15	13
BC032 WW	4-Oct-16	0.22
	22-Mar-16	0.194
	27-Oct-15	0.24

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC033 WW	4-Oct-16	0.25
	22-Mar-16	0.155
	27-Oct-15	0.2
BC034 WW	23-Sep-16	2.82
	17-Mar-16	4.4
	29-Oct-15	3.76
BC035 WW	27-Sep-16	1.42
	23-Mar-16	1.19
	28-Oct-15	1.1
BC036 WW	28-Sep-16	12.0
	13-Apr-16	13.7
	29-Oct-15	11.8
BC037 WW	20-Sep-16	0.14
	14-Mar-16	0.26
	3-Nov-15	0.3
BC038 WW	14-Mar-16	4.12
	3-Nov-15	2.1
BC039 WW	28-Sep-16	0.26
	15-Mar-16	0.23
	4-Nov-15	0.18
BC040 WW	13-Oct-16	0.24
	15-Mar-16	0.25
	4-Nov-15	0.11
BC041 WW	3-Oct-16	3.88
	14-Apr-16	2.13
	4-Nov-15	1.9
BC043 WW	3-Oct-16	0.38
	14-Apr-16	0.269
	4-Nov-15	12
BC044 WW	27-Sep-16	5.00
	14-Mar-16	9.50
	5-Nov-15	5.9
BC047 WW	7-Oct-16	11.4
	28-Mar-16	10.8
	9-Nov-15	11.2
BC048 WW	7-Oct-16	15.9
	28-Mar-16	15
	9-Nov-15	13.9
BC049 WW	19-Sep-16	3.80
	15-Apr-16	3.99
	10-Nov-15	4.1

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC050 WW	28-Sep-16	5.57
	24-Mar-16	6.53
	10-Nov-15	6.8
BC051 WW	20-Sep-16	0.72
	14-Mar-16	1.03
	12-Nov-15	0.7
BC054 WW	26-Sep-16	0.24
	23-Mar-16	0.381
	17-Nov-15	0.3
BC058 WW	5-Oct-16	1.47
	16-Mar-16	1.61
	12-Jan-16	1.43
BC060 WW	9-Feb-16	0.04
BC063 WW	21-Sep-16	1.47
	16-Mar-16	5.08
BC065 WW	13-Oct-16	2.30
	17-Mar-16	1.82
BC068 WW	20-Sep-16	0.26
	4-Apr-16	0.18
BC069 WW	21-Sep-16	15.4
	4-Apr-16	14.5
BC070 WW	27-Sep-16	4.57
	7-Apr-16	4.66
BC071 WW	6-Oct-16	0.26
	7-Apr-16	0.27
BC072 WW	7-Apr-16	6.11
BC076 WW	7-Apr-16	2.53
BC077 WW	7-Apr-16	2.17
BC078 WW	11-Oct-16	7.59
	7-Apr-16	7.79
BC080 WW	5-Apr-16	2.53
BC083 WW	20-Sep-16	1.03
	6-Apr-16	5.64
BC091 WW	7-Apr-16	1.14
BC093 WW	27-Sep-16	1.09
	8-Apr-16	7.73
BC095 WW	8-Apr-16	7.89
BC096 WW	28-Sep-16	6.15
	11-Apr-16	7.2

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC097 WW	6-Oct-16	0.50
	12-Apr-16	0.48
BC098 WW	29-Sep-16	0.06
	5-Apr-16	0.3
BC101 WW	29-Sep-16	0.10
	7-Apr-16	0.31
BC102 WW	22-Sep-16	4.54
	7-Apr-16	4.36
BC108 WW	4-Oct-16	0.29
	7-Apr-16	0.25
BC109 WW	7-Apr-16	7.73
BC110 WW	27-Sep-16	1.50
	8-Apr-16	5.57
BC119 WW	11-Apr-16	7.86
BC123 WW	4-Oct-16	7.58
	14-Apr-16	7.46
BC129 WW	14-Apr-16	7.22
BC130 WW	14-Apr-16	7.19
BC131 WW	7-Oct-16	2.18
	12-Apr-16	2.69
BC132 WW	12-Apr-16	10.2
BC133 WW	26-Sep-16	0.60
	13-Apr-16	0.65
BC136589 WW	30-Mar-16	0.44
	3-Feb-16	0.72
BC138 WW	14-Apr-16	5.17
BC139 WW	14-Apr-16	5.21
BC140 WW	14-Apr-16	0.32
BC141970 WW	11-Oct-16	5.28
	26-May-16	4.96
BC150 WW	19-Sep-16	3.44
	15-Apr-16	4.01
BC169 WW	8-Aug-16	0.12
BC170 WW	8-Aug-16	9.20
BC171 WW	26-Jul-16	8.06
BC172 WW	1-Jul-16	7.80
BC173 WW	1-Jul-16	6.60

**Table 2. Summary of Recent (2015-2016) Nitrate Results
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC174 WW	1-Jun-16	0.66
BC175 WW	26-May-16	0.27
BC 176WW	26-May-16	6.64
BC177 WW	26-May-16	0.16
BC178 WW	17-May-16	3.62
BC179 WW	17-May-16	0.29
BC180 WW	12-May-16	0.18
BC187 WW	13-Oct-16	9.85
	27-Apr-16	9.29
BC188 WW	23-Sep-16	7.77
	27-Apr-16	7.7
BC189 WW	10-Oct-16	3.22
	21-Apr-16	2.06
BC190 WW	27-Sep-16	7.84
	21-Apr-16	12.7
BC191 WW	27-Sep-16	5.64
	21-Apr-16	5.92
BC255755 WW	28-Sep-16	0.42
	24-Mar-16	0.218
	27-Oct-15	0.19
BC329684 WW	19-Sep-16	69.8
	15-Apr-16	74.8
	10-Nov-15	76.2
BC432402 WW	9-Nov-15	1.46
BC497 WW	29-Sep-16	0.12
BC498 WW	26-Sep-16	0.26
BC499 WW	22-Sep-16	4.15
BC500 WW	15-Sep-16	4.20
BC596748 WW	21-Sep-16	13.3
	16-Mar-16	13.4
	20-Oct-15	13.4

Notes:

* Uncertain of water bearing zone



Exceeds WDOH and EPA Nitrate MCL of 10mg/L
Exceeds 20mg/L. Double the WDOH and EPA Nitrate.

Red Text = Suspect Result

mg/L = milligrams per liter

**Table 3. Prosser Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
Alluvial Wells		
BC520947 WW	20-Sep-16	0.17
	14-Mar-16	0.27
	20-Oct-15	0.17
BC717770 WW	20-Sep-16	0.23
	14-Mar-16	0.35
	21-Dec-15	0.24
461449119383701	10-Oct-96	2.300
Alluvial and Shallow Basalt Wells		
BC005 WW*	20-Sep-16	0.19
	4-Apr-16	0.28
	22-Oct-15	0.1
BC020 WW	21-Sep-16	15.5
	16-Mar-16	16.1
	22-Oct-15	14.7
BC121 WW*	20-Sep-16	0.19
	14-Apr-16	0.24
BC140261 WW	21-Sep-16	15.5
	16-Mar-16	19.2
	12-Oct-15	16.2
BC147461 WW	21-Sep-16	2.38
	16-Mar-16	2.85
	12-Oct-15	2.4
BC147494 WW	20-Sep-16	4.71
	14-Mar-16	5.32
	21-Dec-15	4.89
BC183 WW	20-Sep-16	0.16
	28-Apr-16	0.81
BC185 WW	20-Sep-16	0.36
	27-Apr-16	0.39
BC316430 WW	22-Sep-16	6.55
	16-Mar-16	7.07
	22-Oct-15	6.9
BC339864 WW	5-Oct-16	5.47
	16-Mar-16	5.3
	2-Nov-15	5.28
BC375654 WW	20-Sep-16	2.88
	14-Mar-16	8.85
	21-Dec-15	5.67

**Table 3. Prosser Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC396282 WW	27-Sep-16	2.06
	23-Mar-16	2.99
	28-Oct-15	2.9
BC413118 WW	27-Sep-16	4.57
	14-Mar-16	5.05
	20-Oct-15	5
BC485929 WW	21-Sep-16	1.26
	16-Mar-16	2.85
	28-Oct-15	1.0
BC515512 WW	20-Sep-16	2.53
	14-Mar-16	1.84
	4-Jan-16	1.7
BC596757 WW	5-Oct-16	5.50
	29-Mar-16	6.09
	17-Nov-15	6.2
BC619519 WW	21-Sep-16	6.0
	16-Mar-16	6.47
	20-Oct-15	5.9
BC717772 WW	20-Sep-16	0.31
	14-Mar-16	0.26
	29-Dec-15	0.3
BC797537 WW	21-Sep-16	5.71
	16-Mar-16	6.14
	22-Dec-15	6.26
Shallow Basalt Wells		
AA38801	10-Jun-03	6.700
AA66801	16-Sep-03	25.100
AA98401	9-Jul-08	5.800
	27-Dec-04	2.410
AB06701	13-Dec-04	6.400
AB13501	30-Dec-04	2.900
AC02501	10-Mar-11	1.000
0769201	19-May-10	1.300
	31-Jan-00	3.600
0775001	5-Jun-08	5.700
0775001	26-Feb-04	2.200
0775001	30-Apr-01	2.200
0829601	13-Aug-01	5.800

**Table 3. Prosser Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
3336601	17-May-10	2.630
	14-Apr-09	2.670
	26-Mar-08	2.660
	29-Mar-07	4.600
	28-Dec-06	2.900
	29-Mar-05	2.630
	20-Dec-04	2.620
	5-Aug-03	2.720
	7-Aug-02	3.700
	17-May-10	2.800
	14-Apr-09	2.830
	5-May-08	2.770
	2-May-07	3.100
	30-May-06	2.840
	29-Mar-05	2.910
	20-Dec-04	2.890
	5-Aug-03	2.770
	7-Aug-02	2.300
	8-Apr-09	2.670
	7-Apr-08	2.910
	5-Apr-07	2.900
	28-Dec-06	2.400
	12-Dec-05	2.640
1-Apr-03	2.690	
3710001	28-May-08	3.000
	7-Jun-05	8.400
	7-Mar-05	8.300
	7-Dec-04	7.600
	29-Sep-04	8.700
	9-Jun-04	6.550
	23-Feb-04	11.100
	7-Nov-03	7.000
	24-Sep-03	5.420
	8-May-03	7.700
	24-Feb-03	11.400
	20-Feb-03	13.500
	14-Nov-02	6.600
	26-Aug-02	5.400
	13-May-02	6.900
	10-Jan-02	6.400
	9-Oct-01	6.900
24-Apr-01	6.900	

**Table 3. Prosser Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
4105101	16-Sep-09	0.200
	14-Aug-08	0.300
	31-Oct-05	0.300
	5-Aug-03	0.500
	9-Jul-02	0.200
7787501	12-Feb-02	2.700
	26-Apr-01	2.500
9657001	3-Jan-11	0.180
	11-Oct-10	0.180
	12-Apr-10	0.190
	11-Jan-10	0.150
	12-Oct-09	0.240
	13-Jul-09	0.130
	6-Apr-09	0.140
	13-Jan-09	0.170
	20-Oct-08	0.200
	9-Jul-08	0.120
	7-Apr-08	0.230
	7-Jan-08	0.140
	1-Oct-07	0.130
	9-Jul-07	0.160
	9-Apr-07	0.170
	8-Jan-07	0.180
	2-Oct-06	0.180
	17-Jul-06	0.240
	10-Apr-06	0.230
	9-Jan-06	0.180
	3-Jan-05	0.580
	1-Nov-04	0.560
	12-Jul-04	0.490
	5-Apr-04	0.530
	5-Jan-04	0.300
	20-Oct-03	0.270
	7-Jul-03	0.640
	14-Apr-03	2.620
	6-Jan-03	2.280
	4-Nov-02	10.000
	23-Sep-02	9.900
	3-Jun-02	11.000
	7-Jan-02	10.000
1-Oct-01	10.300	
17-Jul-01	13.000	
2-Apr-01	13.000	
5-Feb-01	12.000	

**Table 3. Prosser Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
461050119480301	20-Jul-83	2.400
	9-Mar-83	2.400
	25-Aug-82	2.400
461346119405401	16-Apr-97	4.100
	3-Oct-96	5.300
461346119431101	4-Oct-96	4.000
461349119432801	8-Oct-96	2.600
461411119404701	2-Oct-96	5.500
461411119421701	15-Apr-97	11.000
	4-Oct-96	13.000
461429119432001	15-Apr-97	5.400
	8-Oct-96	5.300
461438119441701	3-Oct-96	1.900
461440119291001	17-Feb-88	0.620
	1-Jul-87	0.800
	6-May-87	0.700
	26-Feb-87	0.700
	3-Feb-87	0.700
	16-Sep-86	0.700
461440119410801	1-Oct-96	6.200
461459119430401	16-Apr-97	15.000
	9-Oct-96	20.000
461527119412501	15-Apr-97	12.000
	1-Oct-96	11.000
461528119444101	16-Apr-97	9.100
	7-Oct-96	9.300
461623119462301	9-Oct-96	5.600
461646119460601	30-Sep-96	2.100
461720119472701	8-Oct-96	5.000
461735119455501	14-Apr-97	20.300
	30-Sep-96	21.000
461749119484901	11-Jun-82	7.600

**Table 3. Prosser Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
461844119515301	21-Jul-83	3.100
	9-Mar-83	3.300
	25-Aug-82	3.000
Shallow and Intermediate Basalt Wells		
BC120 WW	20-Sep-16	5.59
	14-Apr-16	3.75
BC140262 WW	5-Oct-16	7.19
	16-Mar-16	7.54
	12-Jan-16	8.5
BC186 WW	20-Sep-16	7.45
	27-Apr-16	8.58
6975003	11-Aug-04	0.500
	9-Jun-04	0.500
	5-Aug-03	0.500
	29-Jul-02	0.500
	26-Jun-01	0.500
	15-Sep-00	0.500
Intermediate Basalt Wells		
AA99901	20-Dec-04	1.500
6975002	11-Aug-04	0.500
	5-Aug-03	0.100
	29-Jul-02	0.500
	26-Jun-01	0.500
	15-Sep-00	0.500
	23-Oct-07	0.050
	10-Oct-06	0.200
	5-Dec-05	0.500
	14-Nov-05	0.200

**Table 3. Prosser Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
9319001	8-Nov-10	13.700
	9-Nov-09	13.000
	10-Nov-08	12.800
	8-Oct-07	11.800
	10-Oct-06	12.000
	17-Oct-05	12.600
	15-Nov-04	11.400
	10-Nov-03	11.900
	8-Jul-03	12.400
	14-Apr-03	11.500
	13-Jan-03	11.800
	12-Nov-02	12.100
	29-Jul-02	15.400
	23-Apr-02	12.300
	23-Jan-02	12.600
	20-Dec-01	15.400
	17-Apr-01	13.400
	22-Jan-01	13.300
	23-Oct-00	13.400
	24-Jul-00	12.800
12-Apr-00	12.500	
19-Jan-00	13.100	
461207119462801	28-Sep-70	0.000
461343119410201	20-Jul-83	0.100
	9-Mar-83	0.100
	26-Aug-82	0.100
Deep Basalt Wells		
6975005	29-Sep-10	0.050
	22-Sep-09	0.050
	18-Nov-08	0.050
	26-Nov-07	0.200
	10-Oct-06	0.200
	5-Dec-05	0.500
	17-Aug-05	0.200
	11-Aug-04	0.500
	5-Aug-03	0.500
	29-Jul-02	0.500
26-Jun-01	0.500	
Unknown Wells		
BC001 WW	21-Sep-16	26.7
	16-Mar-16	37.5
	20-Oct-15	34.7

**Table 3. Prosser Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC031 WW	21-Sep-16	13.1
	29-Mar-16	10.3
	28-Oct-15	13
BC037 WW	20-Sep-16	0.14
	14-Mar-16	0.26
	3-Nov-15	0.3
BC038 WW	14-Mar-16	4.12
	3-Nov-15	2.1
BC044 WW	27-Sep-16	5.00
	14-Mar-16	9.50
	5-Nov-15	5.9
BC051 WW	20-Sep-16	0.72
	14-Mar-16	1.03
	12-Nov-15	0.7
BC058 WW	5-Oct-16	1.47
	16-Mar-16	1.61
	12-Jan-16	1.43
BC063 WW	21-Sep-16	1.47
	16-Mar-16	5.08
BC068 WW	20-Sep-16	0.26
	4-Apr-16	0.18
BC069 WW	21-Sep-16	15.4
	4-Apr-16	14.5
BC070 WW	27-Sep-16	4.57
	7-Apr-16	4.66
BC136589 WW	30-Mar-16	0.44
	3-Feb-16	0.72
BC 176WW	26-May-16	6.64
BC190 WW	27-Sep-16	7.84
	21-Apr-16	12.7
BC191 WW	27-Sep-16	5.64
	21-Apr-16	5.92
BC432402 WW	9-Nov-15	1.46
BC596748 WW	21-Sep-16	13.3
	16-Mar-16	13.4
	20-Oct-15	13.4
Notes:		
* Uncertain of water bearing zone		
		Exceeds WDOH and EPA Nitrate MCL of 10mg/L
		Exceeds 20mg/L. Double the WDOH and EPA Nitrate.
Red Text = Suspect Result		
mg/L = milligrams per liter		

**Table 4. Benton City-Kiona Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	NO3-N (mg/L)
Alluvial Wells		
BC057 WW	22-Sep-16	2.79
	17-Mar-16	2.78
	30-Dec-15	2.51
BC082 WW	4-Oct-16	4.62
	5-Apr-16	4.76
BC140484 WW	28-Sep-16	2.54
	17-Mar-16	6.55
	27-Oct-15	4.5
BC140614 WW	28-Sep-16	24.2
	17-Mar-16	21.7
	18-Nov-15	4.6
BC148903 WW	5-Oct-16	5.68
	17-Mar-16	5.08
	29-Dec-15	4.49
AA31801	2-Dec-02	6.600
0579701	27-Jan-11	3.600
	24-Feb-10	3.200
	26-Feb-09	3.700
	2-Apr-08	3.900
	30-Oct-06	3.800
	29-Nov-05	3.400
	30-Dec-03	3.900
461358119271201	2-Sep-86	13.000
461405119271201	25-May-88	5.900
	2-Sep-86	5.400
Alluvial and Shallow Basalt Wells		
BC006 WW	29-Sep-16	0.09
	22-Mar-16	0.22
	3-Nov-15	0.4
BC014 WW	29-Sep-16	0.12
	5-Apr-16	0.18
	27-Oct-15	0.18
BC059 WW	22-Sep-16	2.80
	17-Mar-16	2.85
	3-Feb-16	2.94
BC064 WW	22-Sep-16	2.02
	17-Mar-16	1.8

**Table 4. Benton City-Kiona Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	NO3-N (mg/L)
BC104 WW	5-Oct-16	7.64
	7-Apr-16	9.44
BC111 WW	22-Sep-16	1.84
	8-Apr-16	1.93
BC136842 WW	7-Oct-16	0.24
	17-Mar-16	0.116
	13-Jan-16	0.34
BC142979 WW	22-Sep-16	3.84
	17-Mar-16	3.38
	21-Dec-15	3.8
BC577415 WW	22-Sep-16	12.5
	17-Mar-16	5.74
	12-Jan-16	6.11
BC757983 WW	22-Sep-16	3.71
	17-Mar-16	3.5
	21-Dec-15	3.7
461453119284701	2-Sep-86	8.000
Shallow Basalt Wells		
AA31901	20-Aug-02	4.300
0007701	2-Aug-07	3.300
0270201	3-Jun-08	4.700
	25-Jan-01	9.000
0369901	20-Aug-07	9.700
	7-Sep-06	9.900
	14-Oct-05	9.900
	22-Dec-04	6.300
	30-Dec-03	5.900
	23-Aug-02	5.600
	6-Sep-01	5.900
0536201	24-Jun-05	0.200
	23-May-03	0.200

**Table 4. Benton City-Kiona Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	NO3-N (mg/L)
0580001	22-Nov-10	4.770
	8-Apr-10	5.000
	7-Apr-09	4.220
	9-Apr-08	4.580
	11-Apr-07	4.800
	20-Apr-06	4.670
	20-Dec-05	4.470
	10-Jun-04	3.970
	23-Jun-03	4.680
	17-Jun-02	3.600
	2-May-00	4.810
0603901	24-Jan-11	5.400
	23-Feb-07	6.900
	8-Jul-05	6.700
0762101	15-May-08	2.200
1591401	7-Jul-05	0.200
	10-Jan-03	0.300
1906901	23-Jan-07	0.200
	20-Dec-04	3.080
	26-Dec-03	1.380
	21-Aug-02	0.050
	15-Oct-04	8.300
2228501	13-Sep-10	0.200
	19-Mar-10	0.200
	4-Jan-10	0.500
	16-Jul-08	0.200
	28-Dec-06	0.200
	28-Dec-05	0.200
	9-Apr-04	0.300

**Table 4. Benton City-Kiona Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	NO3-N (mg/L)
4217503	7-Mar-11	12.800
	20-Dec-10	12.000
	15-Sep-10	12.100
	12-Jul-10	8.100
	8-Jun-10	13.300
	30-Mar-10	12.300
	10-Nov-09	11.200
	21-Sep-09	10.600
	2-Jun-09	11.900
	9-Mar-09	11.700
	1-Dec-08	11.200
	7-Sep-08	10.700
	15-Jul-08	11.700
	9-Jun-08	11.500
	10-Mar-08	11.400
	18-Dec-07	12.100
	17-Sep-07	9.770
	11-Jun-07	11.300
	13-Mar-07	10.800
	12-Dec-06	10.000
5-Sep-06	8.800	
13-Jun-06	9.600	
20-Mar-06	8.900	
21-Nov-05	8.700	
26-Sep-05	8.600	
8-Jun-05	9.100	
7-Mar-05	7.700	
8940501	27-Dec-01	10.200

**Table 4. Benton City-Kiona Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	NO3-N (mg/L)
461529119275701	13-Sep-88	6.200
	5-Sep-86	5.700
461529119280101	6-Sep-86	6.000
461613119282201	5-Sep-86	0.100
461622119301601	20-Jul-83	1.900
	8-Mar-83	1.900
	26-Aug-82	1.800
461708119292801	25-Jun-82	3.400
461755119282101	5-Sep-86	0.100
Shallow and Intermediate Basalt Wells		
0298701	27-Mar-09	0.300
	4-Dec-02	0.200
1776401	10-Feb-09	0.400
	8-Nov-05	0.300
	17-Sep-04	0.200
	1-Nov-01	0.300
461637119270101	16-Sep-86	0.100
Intermediate Basalt Wells		
BC056 WW	29-Sep-16	0.09
	5-Apr-16	0.21
	3-Dec-15	4.4
BC138633 WW	29-Sep-16	0.08
	5-Apr-16	0.19
AB56401	28-Oct-10	0.200
	30-Sep-09	0.300
	25-Mar-08	0.300
	18-Dec-07	0.200
	21-Mar-07	0.200
	27-Sep-06	0.200

**Table 4. Benton City-Kiona Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	NO3-N (mg/L)
1658901	3-May-10	0.900
	18-May-09	0.154
	25-Mar-08	0.300
	15-Nov-07	0.115
	30-Apr-06	0.200
	8-Mar-05	0.200
	12-Oct-04	0.500
	20-Mar-03	0.500
	13-Dec-01	0.500
461520119270001	6-Sep-86	4.200
461544119270001	28-Aug-82	0.930
461627119280601	19-Apr-88	0.100
	5-Sep-86	0.100
Unknown Wells		
BC029 WW	22-Sep-16	6.31
	17-Mar-16	6.23
	27-Oct-15	4.8
BC065 WW	13-Oct-16	2.30
	17-Mar-16	1.82
BC091 WW	7-Apr-16	1.14
BC098 WW	29-Sep-16	0.06
	5-Apr-16	0.3
BC102 WW	22-Sep-16	4.54
	7-Apr-16	4.36
BC131 WW	7-Oct-16	2.18
	12-Apr-16	2.69
BC172 WW	1-Jul-16	7.80
BC173 WW	1-Jul-16	6.60
BC499 WW	22-Sep-16	4.15
Notes: * Uncertain of water bearing zone <div style="display: flex; align-items: center;"> <div style="width: 100px; height: 20px; background-color: yellow; margin-right: 10px;"></div> <div>Exceeds WDOH and EPA Nitrate MCL of 10mg/L</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 100px; height: 20px; background-color: orange; margin-right: 10px;"></div> <div>Exceeds 20mg/L. Double the WDOH and EPA Nitrate.</div> </div> <div style="margin-top: 5px;"> Red Text = Suspect Result mg/L = milligrams per liter </div>		

**Table 5. Richland Wye Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
Alluvial Wells		
BC141785 WW	10-Oct-16	2.08
	11-Apr-16	2.25
	19-Oct-15	2.1
BC142834 WW	10-Oct-16	13.4
	2-May-16	12.6
AA22501	21-Oct-02	4.300
7225002	8-Jul-10	0.200
	10-May-10	2.400
	1-Jul-09	1.600
	25-Jun-08	2.700
	23-Apr-07	1.820
	25-May-06	1.600
	23-May-05	1.800
	2-Mar-05	2.600
	29-Apr-04	2.300
	17-Mar-04	2.100
	24-Sep-03	1.100
	19-Feb-03	2.100
	4-Feb-02	2.000
	19-Jun-01	1.600
	18-Apr-01	2.200
	29-Jan-01	2.100
8-Aug-00	2.200	
22-May-00	2.300	
15-Mar-00	2.600	
461527119162601	14-Sep-88	1.000
	26-Feb-87	1.300
	9-Sep-86	1.300
461556119171101	9-Sep-86	3.000
461600119173101	24-Feb-88	5.700
	9-Sep-86	6.700
461656119174901	14-Sep-88	5.700
	24-Feb-88	3.800
	8-Sep-86	6.100
461711119164702	5-Sep-86	0.100
461716119175601	10-Sep-88	0.100
	5-Sep-86	0.100
461741119195001	6-Sep-86	0.100
461744119202002	6-Sep-86	0.400
461747119172301	5-Sep-86	8.600

**Table 5. Richland Wye Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
461756119183701	25-Feb-88	0.680
	16-Sep-86	0.400
461807119163701	17-Sep-86	21.000
461817119160901	12-Apr-88	7.700
	26-Feb-87	7.600
	4-Sep-86	7.900
461834119155501	4-Sep-86	5.300
461846119164501	14-Sep-88	5.200
	4-Sep-86	6.200
461850119165501	4-Sep-86	4.400
461916119220801	23-Feb-88	5.200
	9-Sep-86	4.700
461942119203901	13-Oct-88	1.300
	13-Apr-88	0.800
461951119204601	24-Feb-88	0.100
	25-Feb-87	0.100
	17-Sep-86	0.100
462119119235001	9-Sep-86	3.300
Alluvial and Shallow Basalt Wells		
BC002 WW	29-Sep-16	0.17
	22-Mar-16	0.25
	22-Oct-15	0.2
BC067 WW	29-Sep-16	0.31
	5-Apr-16	0.42
BC089 WW*	4-Oct-16	3.11
	7-Apr-16	9.0
BC090 WW*	4-Oct-16	0.23
	7-Apr-16	0.27
BC099 WW	4-Oct-16	9.45
	5-Apr-16	10.3
BC103 WW	29-Sep-16	4.75
	7-Apr-16	4.02
BC124 WW*	4-Oct-16	23.1
	14-Apr-16	21.4
BC436911 WW	4-Oct-16	0.23
	22-Mar-16	0.305
	22-Dec-15	0.21

**Table 5. Richland Wye Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
9490002	13-Oct-10	2.060
	22-Sep-09	1.800
	21-Oct-08	2.400
	10-Oct-07	1.530
	4-Oct-06	1.310
	18-Oct-05	1.660
	13-Oct-04	1.740
	9-Oct-03	1.370
	19-Sep-02	1.170
	25-Sep-01	1.290
	28-Sep-00	1.900
461516119193001	18-Sep-86	13.000
461943119245301	22-Feb-88	0.100
	16-Sep-86	0.100
Shallow Basalt Wells		
BC113574 WW	5-Oct-16	0.33
	22-Mar-16	0.248
	27-Oct-15	0.18
0114201	13-Sep-01	0.200
0179201	4-Apr-06	2.800
0217901	6-Jan-05	1.900
0443201	27-May-08	0.400
	1-Jun-00	2.200
0790301	8-Dec-09	0.400
	20-Aug-08	0.200
	6-Sep-07	0.400
	6-Sep-06	0.300
	9-Sep-05	0.200
	13-Oct-04	0.200
	30-Dec-03	0.200
19-Dec-01	0.300	
0811301	27-Mar-06	0.500
	6-Feb-01	0.200
1107801	15-Mar-00	0.300

**Table 5. Richland Wye Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
4157401	25-Jun-08	0.300
	29-Aug-07	0.200
	5-Apr-06	0.200
	2-Mar-05	0.200
	4-Feb-04	0.200
	19-Feb-03	0.200
	9-May-02	0.200
	4-Feb-02	0.300
	12-Dec-01	0.300
	2-Oct-00	0.200
	15-Mar-00	0.300
9490010	22-Jul-10	0.200
	7-Jul-09	0.200
	18-Aug-08	0.200
	29-Jul-08	0.200
	24-Apr-08	0.200
	10-Apr-08	1.160
	20-Sep-07	0.200
	13-Mar-06	0.500
461340119161002	10-Sep-88	0.960
	25-Feb-88	11.000
	2-Mar-87	12.000
	9-Sep-86	4.300
461426119180301	21-Feb-88	8.100
	9-Sep-86	8.800
461505119161701	10-Sep-88	1.900
	21-Feb-88	0.200
	17-Sep-86	1.400
461514119193301	24-Feb-88	22.000
	9-Sep-86	24.000
461532119205201	23-Feb-88	13.000
	9-Sep-86	13.000
461550119212701	10-Sep-88	9.100
	24-Feb-88	6.300
	2-Mar-87	8.900
	17-Sep-86	13.000
461553119205501	24-Feb-88	44.000
	2-Mar-87	52.000
	9-Sep-86	41.000
461626119194201	8-Sep-86	3.100

**Table 5. Richland Wye Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
461638119195501	11-Apr-88	0.100
	26-Feb-87	0.100
	8-Sep-86	0.100
461647119225201	19-Apr-88	5.200
	11-Apr-88	4.900
	6-Sep-86	6.700
461652119170101	14-Sep-88	0.100
	9-Sep-86	0.100
461706119195801	9-Sep-86	0.100
	8-Sep-86	0.100
461706119201801	23-Feb-88	0.100
	16-Sep-86	0.600
461716119243402	20-Feb-88	0.100
	6-Sep-86	0.100
461725119240701	26-Feb-88	5.900
	18-Sep-86	5.700
461737119185001	25-Feb-88	0.100
	16-Sep-86	0.100
	24-Jun-82	0.100
461748119241601	20-Feb-88	5.300
	8-Sep-86	6.900
461757119194502	6-Sep-86	0.100
461757119241502	6-Sep-86	6.000
461758119250001	8-Sep-86	2.300
461800119205901	24-Jun-82	0.100
461854119262201	13-Sep-88	0.230
	22-Feb-88	0.390
461902119265601	22-Feb-88	0.100
	22-Jul-83	0.100
	8-Mar-83	0.100
	28-Aug-82	0.100
462103119213101	25-Feb-88	0.100
	5-Mar-87	0.100
	5-Sep-86	0.100
Shallow and Intermediate Basalt Wells		
461358119173701	24-Jun-82	8.200
461807119221001	10-Sep-86	1.400
Intermediate Basalt Wells		
AA10801	2-Jun-09	0.580
	8-Jun-04	0.500
	13-May-02	0.500

**Table 5. Richland Wye Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
0069701	10-Jul-08	0.300
	17-Aug-06	0.300
	3-Sep-04	0.200
	31-Jan-03	0.400
9490009	22-Jul-10	0.200
	23-Jun-09	0.200
	14-Jul-08	0.200
	17-Jul-07	0.200
	25-Jul-06	0.200
	18-Aug-05	0.500
	2-Aug-04	0.500
2-Jul-03	0.500	
462328119320101	19-Nov-70	0.045
Unknown Wells		
BC008 WW	11-Oct-16	0.13
	11-Apr-16	8.28
	29-Oct-15	8.2
BC011 WW	4-Oct-16	0.24
	22-Mar-16	0.241
	21-Oct-15	0.4
BC013 WW	4-Oct-16	0.74
	22-Mar-16	5.19
	22-Oct-15	0.4
BC017 WW	22-Mar-16	14.30
	27-Oct-15	13.4
BC030 WW	4-Oct-16	10.2
	22-Mar-16	10.6
	3-Nov-15	10.7
BC032 WW	4-Oct-16	0.22
	22-Mar-16	0.194
	27-Oct-15	0.24
BC033 WW	4-Oct-16	0.25
	22-Mar-16	0.155
	27-Oct-15	0.2
BC080 WW	5-Apr-16	2.53
BC101 WW	29-Sep-16	0.10
	7-Apr-16	0.31
BC108 WW	4-Oct-16	0.29
	7-Apr-16	0.25
BC109 WW	7-Apr-16	7.73

**Table 5. Richland Wye Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)				
BC123 WW	4-Oct-16	7.58				
	14-Apr-16	7.46				
BC141970 WW	11-Oct-16	5.28				
	26-May-16	4.96				
BC175 WW	26-May-16	0.27				
BC177 WW	26-May-16	0.16				
BC180 WW	12-May-16	0.18				
BC189 WW	10-Oct-16	3.22				
	21-Apr-16	2.06				
BC497 WW	29-Sep-16	0.12				
<p>Notes:</p> <p>* Uncertain of water bearing zone</p> <table border="1" style="width: 100%;"> <tr> <td style="background-color: yellow; width: 150px;"></td> <td>Exceeds WDOH and EPA Nitrate MCL of 10mg/L</td> </tr> <tr> <td style="background-color: orange;"></td> <td>Exceeds 20mg/L. Double the WDOH and EPA Nitrate.</td> </tr> </table> <p>Red Text = Suspect Result mg/L = milligrams per liter</p>				Exceeds WDOH and EPA Nitrate MCL of 10mg/L		Exceeds 20mg/L. Double the WDOH and EPA Nitrate.
	Exceeds WDOH and EPA Nitrate MCL of 10mg/L					
	Exceeds 20mg/L. Double the WDOH and EPA Nitrate.					

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
Alluvial		
BC019 WW	6-Oct-16	3.43
	15-Mar-16	2.94
	26-Oct-15	3.1
BC055 WW	28-Sep-16	0.29
	6-Apr-16	0.33
	2-Dec-15	0.05
BC062 WW	7-Oct-16	0.34
	15-Mar-16	0.31
BC073 WW*	13-Oct-16	5.06
	7-Apr-16	4.39
BC075 WW	13-Oct-16	5.65
	7-Apr-16	1.63
BC084 WW	27-Sep-16	8.21
	6-Apr-16	7.28
BC085 WW	27-Sep-16	7.36
	6-Apr-16	2.74
BC086 WW	23-Sep-16	1.28
	6-Apr-16	1.13
BC088 WW	15-Sep-16	17.4
	6-Apr-16	17.1
BC100 WW	23-Sep-16	0.69
	6-Apr-16	5.75
BC112 WW	11-Oct-16	2.34
	8-Apr-16	2.2
BC113 WW	28-Sep-16	7.26
	8-Apr-16	7.61
BC115 WW	15-Sep-16	32.3
	8-Apr-16	25.2
BC125 WW*	23-Sep-16	11.4
	14-Apr-16	12.7
BC134 WW	13-Oct-16	17.4
	13-Apr-16	18.3
BC135 WW	28-Sep-16	0.29
	14-Apr-16	0.196

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC136 WW	27-Sep-16	7.36
	14-Apr-16	6.6
BC137860 WW	28-Sep-16	3.90
	24-Mar-16	5.48
	18-Nov-15	16.4
BC139221 WW	11-Oct-16	14.6
	24-Mar-16	14.7
	27-Oct-15	16.8
BC139464 WW	28-Sep-16	1.24
	15-Mar-16	1.43
	27-Oct-15	2
BC141484 WW	6-Oct-16	6.97
	15-Mar-16	6.77
	27-Oct-15	7.6
BC143300 WW	6-Oct-16	0.69
	15-Mar-16	0.74
	21-Oct-15	0.4
BC144111 WW	22-Sep-16	6.82
	28-Apr-16	7.26
	22-Oct-15	6.81
BC145 WW	27-Sep-16	5.53
	14-Apr-16	4.69
BC184 WW	23-Sep-16	15.3
	27-Apr-16	14.7
BC360516 WW	11-Oct-16	9.04
	24-Mar-16	8.94
	27-Oct-15	8.7
BC375867 WW	11-Oct-16	4.51
	24-Mar-16	3.96
	27-Oct-15	5.7
AA49301	14-Nov-02	5.200
	6-Nov-02	0.300
AA66901	16-Mar-04	0.200
0268201	9-May-08	7.040

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
0319901	21-Mar-07	7.000
	8-Sep-04	6.000
	15-Nov-02	12.200
0331601	11-Jul-03	0.300
0430001	20-Nov-06	6.900
	30-Jul-03	1.140
	7-Dec-02	7.230
0432201	12-Jun-09	6.950
0716601	3-Jun-10	5.900
	16-Jun-09	6.200
0746301	23-Jan-02	7.100
0815501	13-May-08	5.600
1181401	7-May-09	4.800
	6-Apr-06	4.200
1269001	1-Feb-11	3.200
	18-Oct-10	3.500
	17-Sep-10	2.700
	24-Aug-10	11.400
	15-Dec-09	0.920
	26-May-09	1.340
	24-Apr-07	2.350
	3-Oct-05	1.190
	12-Apr-05	1.850
	19-Oct-04	1.900
	14-Sep-04	1.890
	13-Apr-04	2.660
	16-Oct-03	1.500
	15-May-03	1.050
	16-Apr-02	1.880
	14-Feb-01	3.600
11-Jul-00	1.600	
4-Apr-00	2.800	
2511502	18-Dec-01	0.200
5604601	26-Jul-10	6.900

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summay
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
9007001	17-Aug-10	0.200
	15-Oct-09	0.400
	24-Oct-08	0.200
	12-Oct-07	0.200
	20-Oct-06	0.500
	28-Nov-05	0.300
	8-Oct-04	0.200
	29-Dec-03	0.400
	28-Feb-02	0.300
17-Dec-01	0.200	
460755119015701	9-Sep-88	19.000
	18-Feb-88	18.000
	10-Sep-86	11.000
460815119023101	9-Sep-88	11.000
	18-Feb-88	7.500
	9-Sep-86	12.000
460854119012801	10-Sep-86	6.300
460858119003301	8-Sep-86	3.300
460901119003601	18-Feb-88	7.200
	8-Sep-86	7.700
460901119010301	8-Sep-86	3.300
460911119005401	8-Sep-86	3.100
460914119054001	20-Feb-88	3.900
	15-Sep-87	3.400
	1-Jul-87	3.800
	7-May-87	3.600
	27-Feb-87	3.500
	5-Feb-87	3.400
	15-Jan-87	3.300
	16-Dec-86	3.600
11-Sep-86	3.700	
460916119011801	8-Sep-86	4.400
460939119021001	24-Feb-87	4.100
	4-Sep-86	4.600
460941119012701	8-Sep-86	5.900
460954119035501	8-Sep-88	4.500
	19-Feb-88	2.400
	3-Sep-86	5.900

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
461002119031101	19-Feb-88	4.400
	4-Sep-86	4.800
461006119031001	8-Sep-88	8.400
	11-Apr-88	5.500
	4-Sep-86	12.000
461007119040201	8-Sep-88	3.700
	19-Feb-88	1.400
	24-Feb-87	7.600
	3-Sep-86	11.000
461025119015901	6-Sep-86	1.700
461035119035601	7-Sep-88	3.900
	19-Feb-88	3.400
	26-Feb-87	4.200
	6-Sep-86	5.300
461043119051701	4-Sep-86	5.800
461053119014701	5-Sep-86	0.300
461056119033401	5-Sep-86	5.800
461102119060401	7-Sep-88	10.000
	18-Feb-88	9.200
	4-Sep-86	9.200
461111119064801	4-Sep-86	4.600
461113119063201	4-Sep-86	6.400
461116119063101	4-Sep-86	4.000
461118119030701	19-Feb-88	0.470
	5-Sep-86	0.700
461120119054301	4-Sep-86	4.500
461125119035801	9-Sep-88	2.200
	20-Feb-88	3.400
	5-Sep-86	6.900
461128119055401	7-Sep-88	3.800
	11-Apr-88	6.800
	4-Sep-86	3.700
461129119060401	3-Sep-86	1.600
461129119060701	24-Jun-82	4.800
461129119062901	3-Sep-86	3.900
461140119065301	18-Feb-88	4.500
	3-Sep-86	5.000
461150119101201	12-Sep-88	4.500
	26-Feb-87	4.800
	3-Sep-86	5.800

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
461214119073501	11-Apr-88	5.900
	3-Sep-86	5.900
461223119050201	7-Sep-88	7.700
	22-Feb-88	5.800
	5-Sep-86	8.300
461236119130601	4-Sep-86	7.700
461302119140201	3-Sep-86	0.400
Alluvial and Shallow Basalt Wells		
BC015 WW	6-Oct-16	4.77
	15-Mar-16	3.06
	28-Oct-15	3.1
BC026 WW	11-Oct-16	6.17
	24-Mar-16	0.23
	29-Oct-15	0.19
BC045 WW	11-Oct-16	0.21
	24-Mar-16	0.306
	11-Nov-15	0.2
BC052 WW*	6-Oct-16	1.03
	15-Mar-16	1.07
	12-Nov-15	1.06
BC074 WW*	13-Oct-16	5.51
	7-Apr-16	6.04
BC087 WW	15-Sep-16	15.1
	6-Apr-16	13.4
BC092 WW*	13-Oct-16	2.49
	8-Apr-16	1.03
BC114 WW	15-Sep-16	23.5
	8-Apr-16	19.8
BC136566 WW	6-Oct-16	1.15
	15-Mar-16	1.38
	26-Oct-15	1.3
BC139427 WW	6-Oct-16	1.37
	15-Mar-16	1.55
	27-Oct-15	1.3
BC146313 WW	6-Oct-16	3.00
	15-Mar-16	1.88
	27-Oct-15	5.3

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC193 WW	13-Oct-16	5.30
	21-Apr-16	5.26
BC377466 WW	11-Oct-16	0.79
	24-Mar-16	0.89
	3-Dec-15	0.1
BC493528 WW	5-Oct-16	1.13
	31-Mar-16	0.069
	3-Feb-16	2.61
Shallow Basalt Wells		
BC146279 WW	3-Oct-16	0.24
	14-Apr-16	0.204
	16-Nov-15	0.12
AB44001	25-Jan-06	0.200
0256201	23-Mar-01	0.200
0268901	15-Feb-05	2.000
	6-Mar-00	3.000
0341401	27-Sep-10	0.300
	15-Nov-09	0.200
	27-Mar-09	3.000
	8-Aug-08	0.400
	16-Oct-07	0.200
	21-Jul-06	0.300
	7-Oct-05	0.200
	8-Oct-04	0.200
	19-Dec-03	0.500
	14-May-02	0.200
	27-Nov-01	0.400
	28-Aug-01	0.400
	21-Jun-01	0.200
	28-Jun-00	0.110
9-Mar-00	0.500	
0389001	18-Oct-04	0.400
0391001	9-Apr-09	0.300
	12-May-00	0.700
2256401	21-Oct-05	0.900

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
2511504	14-Jul-10	0.200
	30-Jun-09	0.200
	28-Apr-09	0.200
	9-Jun-08	0.200
	13-Jun-07	0.200
	28-Jun-06	0.500
	13-Jun-05	0.500
	24-Jun-04	0.500
	19-May-03	0.500
	21-May-02	0.500
	18-Dec-01	0.600
	10-Jul-01	0.250
	21-Jun-00	1.310
2512001	17-Dec-04	10.800
3469001	16-Sep-04	0.200
4100101	6-May-08	0.500
	30-Aug-05	0.200
5326301	28-Sep-09	0.200
5326301	27-Aug-01	0.100
5671401	20-Jul-09	0.200
	15-Jun-07	0.200
	19-Jul-04	0.200
	21-May-02	0.300
	17-Jul-00	0.200
6722502	14-Sep-04	4.110
7104001	16-Sep-10	4.000
	28-Sep-09	3.000
	21-Oct-08	3.600
	7-Sep-07	4.200
	8-Aug-06	2.800
	2-Aug-05	1.700
	3-Aug-04	3.000
	25-Jul-03	2.400
	17-Jul-02	1.600
	19-Jul-01	2.900
	19-Jul-00	1.700
460628118592601	11-Sep-86	1.700
460637119595901	19-Feb-88	2.100
	8-Sep-86	3.000

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
460645118592101	26-Feb-87	4.700
	8-Sep-86	2.300
460748119020801	10-Sep-86	0.100
460803119023301	9-Sep-86	2.400
460806119100601	9-Sep-88	0.100
	10-Sep-86	0.100
460822119011001	13-Oct-88	0.380
460826119043901	9-Sep-88	9.400
	22-Feb-88	8.500
	10-Sep-86	4.300
460827119011201	10-Sep-86	1.300
460843119012401	9-Sep-86	0.300
460851119013901	9-Sep-86	2.700
460855119015801	9-Sep-86	0.100
460857119024701	9-Sep-86	0.100
460903119022201	9-Sep-86	2.100
460911119021901	18-Feb-88	0.100
	10-Sep-86	0.100
460912119022701	9-Sep-86	1.100
460914119031201	10-Sep-86	5.500
460922119052101	12-Apr-88	0.100
	4-Sep-86	0.100
460923119034702	3-Sep-86	0.300
460923119035001	4-Sep-86	0.100
460925119040001	4-Sep-86	6.100
460929119024701	4-Sep-86	4.500
460934119064301	24-Jun-82	5.000
460938119031201	4-Sep-86	0.200
460948119053501	3-Sep-86	3.100
461000119044601	13-Oct-88	0.100
	19-Feb-88	0.100
	3-Sep-86	0.100
461003119080301	27-Sep-86	0.800
461004119014501	9-Sep-86	1.400
461010119031001	7-Sep-88	0.100
461032119014101	27-Apr-88	0.260
	6-Sep-86	0.300
461045119052301	4-Sep-86	0.100

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
461101119071101	17-Feb-88	0.100
	1-Jul-87	0.100
	7-May-87	0.100
	26-Feb-87	0.100
	5-Feb-87	0.100
	15-Jan-87	0.100
	16-Dec-86	0.100
	11-Sep-86	0.100
461139119070401	13-Apr-88	0.620
	4-Sep-86	1.700
461141119040401	18-Feb-88	0.100
	5-Sep-86	0.100
461141119041001	18-Feb-88	0.100
	5-Sep-86	1.900
461208119044001	18-Feb-88	0.100
	6-Sep-86	0.100
461305119115601	12-Apr-88	4.200
	17-Sep-86	1.600
	22-Jul-83	5.600
	17-May-83	5.300
	27-Aug-82	3.600
Shallow and Intermediate Basalt Wells		
BC042 WW	3-Oct-16	12.3
	14-Apr-16	14.2
	4-Nov-15	0.11
BC404762 WW	3-Oct-16	1.28
	14-Apr-16	1.06
0255801	2-Nov-10	0.200
	29-Oct-09	0.200
	28-Apr-09	0.200
	18-Mar-08	0.200
	4-Apr-07	0.200
	19-Sep-06	0.200
	29-Mar-05	0.500
	29-Dec-04	0.160
	15-Sep-03	0.290
	21-May-02	0.200
	18-Dec-01	1.200
	10-Jul-01	1.850
6-Sep-00	0.500	

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
1633101	18-Aug-04	0.500
	19-Aug-03	0.500
	6-May-02	0.100
1818004	20-Jul-10	4.870
	27-Jul-09	5.800
	17-Jul-08	6.700
	30-Jul-07	6.500
	27-Dec-06	6.300
	7-Dec-06	7.300
	27-Sep-06	6.900
	23-Jun-06	5.800
	28-Mar-06	7.000
	30-Nov-05	6.100
	29-Sep-05	7.500
	13-Jun-05	2.900
	15-Mar-05	7.500
	30-Dec-04	6.900
	27-Sep-04	5.600
	29-Mar-04	6.900
	27-Mar-03	8.700
3-Oct-02	9.500	
16-Oct-01	9.600	
Unknown		
BC003 WW	13-Oct-16	7.71
	24-Mar-16	0.204
	16-Nov-15	0.12
BC016 WW	11-Oct-16	7.46
	24-Mar-16	7.56
	26-Oct-15	7.5
BC018 WW	24-Mar-16	6.35
	26-Oct-15	7.1
BC021 WW	11-Oct-16	4.45
	24-Mar-16	4.32
	26-Oct-15	4.5
BC024 WW	11-Oct-16	6.54
	24-Mar-16	5.54
	29-Oct-15	6.6
BC025 WW	6-Oct-16	5.61
	15-Mar-16	5.85
	29-Oct-15	7.2

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC027 WW	11-Oct-16	5.60
	24-Mar-16	5.92
	3-Nov-15	6.01
BC034 WW	23-Sep-16	2.82
	17-Mar-16	4.4
	29-Oct-15	3.76
BC039 WW	28-Sep-16	0.26
	15-Mar-16	0.23
	4-Nov-15	0.18
BC040 WW	13-Oct-16	0.24
	15-Mar-16	0.25
	4-Nov-15	0.11
BC041 WW	3-Oct-16	3.88
	14-Apr-16	2.13
	4-Nov-15	1.9
BC043 WW	3-Oct-16	0.38
	14-Apr-16	0.269
	4-Nov-15	12
BC050 WW	28-Sep-16	5.57
	24-Mar-16	6.53
	10-Nov-15	6.8
BC060 WW	9-Feb-16	0.04
BC071 WW	6-Oct-16	0.26
	7-Apr-16	0.27
BC072 WW	7-Apr-16	6.11
BC076 WW	7-Apr-16	2.53
BC077 WW	7-Apr-16	2.17
BC078 WW	11-Oct-16	7.59
	7-Apr-16	7.79
BC083 WW	20-Sep-16	1.03
	6-Apr-16	5.64
BC093 WW	27-Sep-16	1.09
	8-Apr-16	7.73
BC095 WW	8-Apr-16	7.89
BC096 WW	28-Sep-16	6.15
	11-Apr-16	7.2
BC097 WW	6-Oct-16	0.50
	12-Apr-16	0.48
BC110 WW	27-Sep-16	1.50
	8-Apr-16	5.57
BC119 WW	11-Apr-16	7.86

**Table 6. Finely Nitrate Analytical Results (1982-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC129 WW	14-Apr-16	7.22
BC130 WW	14-Apr-16	7.19
BC132 WW	12-Apr-16	10.2
BC138 WW	14-Apr-16	5.17
BC139 WW	14-Apr-16	5.21
BC140 WW	14-Apr-16	0.32
BC169 WW	8-Aug-16	0.12
BC171 WW	26-Jul-16	8.06
BC179 WW	17-May-16	0.29
BC255755 WW	28-Sep-16	0.42
	24-Mar-16	0.218
	27-Oct-15	0.19
Notes:		
* Uncertain of water bearing zone		
		Exceeds WDOH and EPA Nitrate MCL of 10mg/L
		Exceeds 20mg/L. Double the WDOH and EPA Nitrate.
Red Text = Suspect Result		
mg/L = milligrams per liter		

**Table 7. Badger Coulee Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
Alluvial Wells		
BC022 WW	23-Sep-16	9.94
	17-Mar-16	15.9
	29-Oct-15	12.5
BC126 WW	15-Sep-16	8.98
	14-Apr-16	8.49
BC127 WW	15-Sep-16	1.24
	14-Apr-16	1.04
BC151 WW	23-Sep-16	3.71
	15-Apr-16	3.39
BC194 WW	15-Sep-16	8.80
	21-Apr-16	8.68
AC20701	14-Oct-08	4.930
0060401	3-May-10	3.500
	1-Jun-09	3.600
	28-May-08	3.600
	23-May-07	3.210
	16-May-06	3.200
	25-May-05	3.800
	24-May-04	3.570
	24-Nov-03	3.600
	12-Apr-02	4.100
	30-May-01	3.000
3-May-00	3.780	
0303801	27-Jul-06	2.000
0337501	7-Mar-01	4.000
0580101	29-Dec-09	0.500
461018119181701	4-Sep-86	8.100
461025119191201	4-Sep-86	11.000
461155119042201	6-Sep-86	6.500
461155119152301	4-Sep-86	5.000
461156119133001	17-Feb-88	5.000
	25-Feb-87	5.600
	2-Sep-86	8.200
461228119210701	23-Sep-71	8.600
461235119114201	3-Sep-86	16.000
461244119223501	17-Feb-88	14.000
	25-Feb-87	16.000
	2-Sep-86	12.000

**Table 7. Badger Coulee Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
461254119075701	22-Feb-88	6.000
	6-Sep-86	3.500
461254119214502	13-Sep-88	17.000
	22-Feb-88	11.000
	3-Sep-86	24.000
Alluvial and Shallow Basalt Wells		
BC004 WW*	28-Sep-16	3.35
	17-Mar-16	4.57
	26-Oct-15	1.6
BC081 WW	23-Sep-16	11.7
	5-Apr-16	12.1
BC116 WW	15-Sep-16	9.91
	8-Apr-16	9.67
BC117 WW	15-Sep-16	26.7
	8-Apr-16	26.7
BC128 WW	15-Sep-16	1.57
	14-Apr-16	7.28
BC588903 WW	13-Oct-16	48.1
	16-Mar-16	62
	12-Jan-16	85.1
Shallow Basalt Wells		
0468201	22-Aug-04	0.700
	6-Jul-00	0.300
0696701	11-Jan-10	7.400
	7-Sep-07	4.600
	2-Jul-04	3.700
0696801	11-Jan-10	3.600
	7-Jul-07	2.200
	2-Jul-04	2.400
5322005	7-Jul-10	1.140
	23-Jun-09	1.200
	1-Apr-08	1.500
	5-Sep-07	0.820
	4-Dec-06	0.200
	22-Mar-05	1.900
	28-Dec-04	0.930
	2-Apr-03	1.980
	22-May-02	1.600
	11-Jan-01	0.700
10-Aug-00	1.300	

**Table 7. Badger Coulee Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
6242801	25-Mar-04	1.900
461037119165401	5-Sep-86	2.500
461044119122701	25-Feb-87	2.600
	16-Sep-86	2.500
	2-Sep-86	2.600
	25-Jun-82	1.800
461102119162601	20-Feb-88	2.800
	4-Mar-87	3.000
	4-Sep-86	3.000
461105119120501	2-Sep-86	3.200
461110119213001	15-Sep-88	0.100
461208119143001	17-Feb-88	0.100
	5-Sep-86	0.100
461213119143301	19-Feb-88	5.100
	5-Sep-86	5.300
461245119221502	22-Jul-83	11.000
	8-Mar-83	7.900
	27-Aug-82	11.000
Shallow and Intermediate Basalt Wells		
BC192 WW	15-Sep-16	19.1
	21-Apr-16	18.7
BC782321 WW	13-Oct-16	47.0
	17-Mar-16	43.6
	21-Dec-15	46.1
BC797527 WW	7-Oct-16	0.18
	17-Mar-16	0.121
	24-Nov-15	0.2
AA64601	16-Feb-04	2.300
AC14401	3-Jul-08	0.200
3207401	13-Jan-10	1.700
	10-Aug-07	4.000
461120119155601	12-Sep-88	0.100
	17-Feb-88	0.100
	4-Sep-86	0.300
461128119213801	27-Aug-82	0.100
461138119190001	5-Sep-01	0.221
461226119223601	20-Feb-88	0.100
Intermediate Basalt Wells		
AB02801	19-Jan-05	3.400
AB03301	15-Nov-04	2.900
AB11301	14-Mar-05	0.800

**Table 7. Badger Coulee Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
AB17301	22-Feb-05	0.400
AB44801	8-Feb-04	0.500
0330301	24-Jun-10	0.400
	24-Jun-09	0.200
	21-Apr-09	0.500
	20-Mar-08	0.300
	18-Jun-07	0.200
	29-Mar-06	0.400
	27-May-05	0.200
	21-Dec-04	0.070
0397401	3-Aug-01	0.200
	9-Nov-07	0.300
	8-Aug-04	0.200
	31-Mar-03	0.400
	27-Nov-01	0.200
0408501	13-Dec-00	0.300
	4-Dec-01	0.200
1548801	2-May-08	0.200
	30-Jun-05	0.200
2187701	28-May-08	7.000
2261703	20-Apr-10	0.200
	4-Dec-09	0.300
	31-Aug-09	0.200
	18-Dec-08	0.200
	17-Aug-07	0.300
	29-Aug-06	0.050
	10-Aug-05	0.050
	17-Jun-05	0.300
	29-Jul-04	0.200
	30-Dec-03	0.200
4-Feb-02	0.050	
461213119174101	5-Sep-86	0.100
Intermediate and Deep Basalt Wells		
461446119230301	5-Sep-01	0.221

**Table 7. Badger Coulee Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
Deep Basalt Wells		
5634402	28-Sep-10	0.200
	29-Sep-09	0.200
	14-Nov-08	0.200
	7-Dec-07	0.500
	17-Nov-06	0.300
	4-Nov-05	0.200
	30-Dec-04	0.200
	21-Nov-03	0.400
	2-Mar-03	0.500
	14-Nov-02	0.200
	21-Nov-01	0.200
	9-Nov-01	0.300
12-Nov-00	0.200	
Unknown Wells		
05796M WW	25-Oct-16	13.00
	28-Apr-16	3.80
	27-Oct-15	10.70
BC007 WW	13-Oct-16	5.11
	24-Mar-16	5.59
	29-Oct-15	6.8
BC010 WW	28-Sep-16	20.6
	17-Mar-16	19.6
	26-Oct-15	19.8
BC012 WW	28-Sep-16	0.75
	17-Mar-16	0.72
	22-Oct-15	0.9
BC036 WW	28-Sep-16	12.0
	13-Apr-16	13.7
	29-Oct-15	11.8
BC170 WW	8-Aug-16	9.20
BC174 WW	1-Jun-16	0.66
BC178 WW	17-May-16	3.62
BC187 WW	13-Oct-16	9.85
	27-Apr-16	9.29

**Table 7. Badger Coulee Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC188 WW	23-Sep-16	7.77
	27-Apr-16	7.7
BC500 WW	15-Sep-16	4.20
Notes: * Uncertain of water bearing zone <div style="display: flex; align-items: flex-start;"> <div style="width: 150px; height: 20px; background-color: yellow; border: 1px solid black; margin-bottom: 5px;"></div> <div style="margin-left: 5px;">Exceeds WDOH and EPA Nitrate MCL of 10mg/L</div> </div> <div style="display: flex; align-items: flex-start;"> <div style="width: 150px; height: 20px; background-color: orange; border: 1px solid black; margin-bottom: 5px;"></div> <div style="margin-left: 5px;">Exceeds 20mg/L. Double the WDOH and EPA Nitrate.</div> </div> <div style="margin-top: 5px;"> Red Text = Suspect Result mg/L = milligrams per liter </div>		

**Table 8. Horse Heaven Hills Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
Alluvial Wells		
BC145628 WW	19-Sep-16	3.22
	15-Apr-16	2.83
	10-Nov-15	1.7
460106119132101	19-Oct-71	14.000
Alluvial and Shallow Basalt Wells		
BC137 WW	27-Sep-16	0.24
	14-Apr-16	0.71
BC146809 WW	3-Oct-16	59.7
	14-Apr-16	55.2
	28-Dec-15	56.5
BC147913 WW	27-Sep-16	1.84
	23-Mar-16	1.98
	17-Nov-15	2
BC148449 WW	26-Sep-16	12.3
	28-Mar-16	11.1
	19-Nov-15	12.9
BC148771 WW	26-Sep-16	6.14
	23-Mar-16	24.9
	17-Nov-15	1.9
BC178749 WW	26-Sep-16	0.93
	28-Mar-16	2.01
	19-Nov-15	1.7
BC322089 WW	26-Sep-16	13.7
	28-Mar-16	0.188
	3-Dec-15	0.67
BC386315 WW	26-Sep-16	24.9
	13-Apr-16	26.7
	19-Jan-16	26.9
BC541812 WW	26-Sep-16	0.17
	13-Apr-16	0.23
	19-Jan-16	0.14
Shallow Basalt Wells		
AA38901	10-Apr-03	0.500
	25-Mar-03	1.890
GC-69	26-Sep-95	30.400
	10-May-95	28.300

**Table 8. Horse Heaven Hills Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
0423601	7-Feb-11	27.700
	8-Apr-10	28.200
	29-Jan-08	25.400
	16-Jan-08	26.800
	22-Jan-07	17.300
455700119264201	30-Mar-82	10.000
455703119205101	18-Oct-71	0.060
465335119482301	29-Mar-82	4.500
465932119363601	20-Jul-83	54.000
	2-Mar-83	47.000
	26-Aug-82	45.000
	31-Mar-82	33.000
Shallow and Intermediate Basalt Wells		
BC053 WW	3-Oct-16	0.22
	14-Apr-16	0.17
	16-Nov-15	0.11
BC066 WW	27-Sep-16	35.4
	23-Mar-16	35.8
BC139185 WW	27-Sep-16	27.9
	23-Mar-16	27.6
	21-Jan-16	27.4
BC145482 WW	19-Sep-16	22.3
	15-Apr-16	4.69
	10-Nov-15	20.7
BC146625 WW	7-Oct-16	0.38
	23-Mar-16	0.459
	5-Nov-15	0.4
BC577374 WW	6-Oct-16	0.23
	15-Mar-16	0.23
	2-Nov-15	0.37

**Table 8. Horse Heaven Hills Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
0615201	4-Feb-11	2.700
	7-Jan-11	2.100
	13-Dec-10	1.100
	4-Nov-10	5.700
	7-Oct-10	1.200
	9-Sep-10	3.400
	12-Aug-10	2.800
	21-Jul-10	2.340
	15-Jul-10	14.900
	22-Jun-10	7.330
	19-May-10	7.100
	1-Apr-10	4.100
	5-Mar-10	4.600
	12-Feb-10	2.600
	7-Jan-10	2.400
	11-Dec-09	5.300
	6-Nov-09	2.600
	2-Oct-09	1.700
	1-Sep-09	3.700
	7-Aug-09	1.600
	6-Jul-09	2.200
	5-Jun-09	4.700
	15-May-09	2.400
	17-Apr-09	3.400
	6-Mar-09	2.200
	6-Feb-09	3.400
	23-Jan-09	6.810
	8-Dec-08	2.700
	3-Nov-08	4.400
	20-Oct-08	2.000
	2-Sep-08	2.350
	31-Aug-08	3.290
	29-Jul-08	35.700
19-Jun-08	2.640	
9-May-08	7.300	
23-Apr-08	5.850	
31-Mar-08	5.160	
26-Feb-08	0.930	
9-Jan-08	7.450	

**Table 8. Horse Heaven Hills Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
0615201 continued	13-Dec-07	3.760
	7-Nov-07	2.900
	20-Sep-07	2.830
	15-Aug-07	2.010
	10-Jul-07	2.620
	26-Jun-07	2.120
	16-May-07	4.900
	19-Apr-07	3.770
	5-Dec-06	23.800
	27-Sep-06	18.800
	7-Jun-06	7.570
	30-May-06	18.200
	23-Mar-06	20.400
	12-Oct-05	17.100
	14-Sep-05	1.730
	26-May-05	23.500
	12-Jan-05	26.400
	22-Dec-04	21.000
	5-Oct-04	18.700
	30-Jun-04	16.000
	1-Jun-04	0.500
	15-Mar-04	16.000
	12-Nov-03	8.020
	30-Sep-03	17.800
	7-May-03	12.300
	11-Mar-03	13.400
	22-May-02	7.470
	19-Mar-02	12.800
	7-Dec-01	10.900
	21-Sep-01	9.500
	14-Jun-01	11.500
	19-Apr-01	11.100
2-Feb-01	12.100	
18-Apr-00	12.700	
21-Feb-00	11.400	

**Table 8. Horse Heaven Hills Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
1764101	20-Dec-10	0.500
	24-Oct-10	17.500
	29-Sep-10	17.200
	22-Jun-10	18.100
	26-Mar-10	16.100
	4-Dec-09	17.500
	30-Sep-09	16.600
	30-Jun-09	16.700
	29-Jun-09	16.700
	30-Apr-09	0.400
	22-Apr-09	16.300
	31-Dec-08	18.400
	3-Oct-08	17.500
	25-Jun-08	19.500
	31-Mar-08	19.700
	19-Dec-07	20.500
	21-Sep-07	19.300
	12-Jul-07	17.800
	26-Jun-07	17.700
	25-Jun-07	18.400
	19-Mar-07	17.900
	18-Dec-06	12.300
	20-Sep-06	11.500
	21-Jun-06	10.100
	15-Mar-06	8.700
	7-Dec-05	9.700
	22-Sep-05	9.800
	25-Jul-05	10.500
	15-Jun-05	9.600
	16-Mar-05	9.800
	17-Nov-04	9.600
	23-Aug-04	9.500
	30-Jun-04	8.800
	20-May-04	9.500
12-May-04	8.900	
25-Mar-04	9.400	
18-Feb-04	8.900	
12-Nov-03	9.100	
19-Aug-03	9.400	

**Table 8. Horse Heaven Hills Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
1764101 continued	17-Jun-03	9.100
	21-May-03	9.600
	19-Feb-03	10.100
	19-Dec-02	10.500
	25-Sep-02	9.100
	12-Jun-02	9.700
	29-May-02	9.600
	27-Mar-02	8.900
	18-Dec-01	10.000
	19-Sep-01	7.500
	12-Jun-01	8.100
	14-Mar-01	8.500
	20-Dec-00	11.700
	13-Sep-00	9.800
	14-Jun-00	5.100
	8-Mar-00	12.600
5762001	15-Dec-10	2.400
	25-Jan-08	2.200
	5-Mar-07	2.100
	1-Oct-04	1.200
	19-Sep-01	18.600
	5-Jul-01	9.800
6804501	29-Nov-10	3.600
	21-Dec-09	2.270
	20-Feb-09	1.400
	15-Jan-08	0.890
	27-Feb-06	0.400
	19-Jan-04	0.500
	11-Jul-01	2.430
	11-Jun-01	1.490
	2-Apr-01	0.500
	20-Feb-09	0.300
460326119274601	30-Mar-82	22.000

**Table 8. Horse Heaven Hills Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
Intermediate Basalt		
CRGWDB-211252	26-Sep-95	1.230
	8-May-95	0.992
6647502	28-Oct-10	0.340
	17-Mar-09	0.200
	14-Jul-08	0.200
	11-Mar-08	0.200
	14-Dec-06	0.300
	28-Nov-05	0.300
	7-Mar-05	0.200
	16-Oct-03	0.080
460244119381201	31-Mar-82	0.100
Intermediate and Deep Basalt Wells		
BC023 WW	27-Sep-16	0.34
	23-Mar-16	0.281
	28-Oct-15	0.52
AA43101	30-Mar-10	0.200
	21-May-03	0.500
	28-Mar-03	0.200
Unknown		
BC035 WW	27-Sep-16	1.42
	23-Mar-16	1.19
	28-Oct-15	1.1
BC047 WW	7-Oct-16	11.4
	28-Mar-16	10.8
	9-Nov-15	11.2
BC048 WW	7-Oct-16	15.9
	28-Mar-16	15
	9-Nov-15	13.9
BC049 WW	19-Sep-16	3.80
	15-Apr-16	3.99
	10-Nov-15	4.1
BC054 WW	26-Sep-16	0.24
	23-Mar-16	0.381
	17-Nov-15	0.3
BC133 WW	26-Sep-16	0.60
	13-Apr-16	0.65

**Table 8. Horse Heaven Hills Nitrate Analytical Results (1971-2016) Summary
Benton County, Washington**

Well ID	Sample Date	Nitrate (mg/L)
BC329684 WW	19-Sep-16	69.8
	15-Apr-16	74.8
	10-Nov-15	76.2
BC498 WW	26-Sep-16	0.26

Notes:

* Uncertain of water bearing zone

	Exceeds WDOH and EPA Nitrate MCL of 10mg/L
	Exceeds 20mg/L. Double the WDOH and EPA Nitrate.

Red Text = Suspect Result
mg/L = milligrams per liter