

# IDAHO STATE DEPARTMENT OF AGRICULTURE

## GROUND WATER MONITORING PROGRAM

A SUMMARY OF REGIONAL PROJECT 830, INCLUDING MUD LAKE

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>						
8300101	07 N	36 E	35						
<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>	
8/11/1998	2.7	ND	ND	10	9.8	ND	ND	0.91	
8/11/1999	2.4	ND	ND	9.4	10	ND	ND	0.97	
7/10/2000	2.7	ND	ND	9.3	10	ND	ND	0.99	
7/17/2001	2.20	ND	ND	8.60	9.20	BDL	ND	1.10	
7/24/2002	2.200	ND	BDL	8.50	9.00	BDL	ND	0.94	
8/5/2003	2.3	ND	ND	8.1	9.4	0.13	ND	0.94	
7/29/2004	2.6	ND	ND	7.9	9.7	BDL	ND	1.1	
7/27/2005	2.5	ND	ND	7.8	9.5	BDL	ND	1.1	
8/1/2006	2.8	ND	BDL	7.9	11	NA	ND	1.0	
7/11/2007	2.9	ND	ND	8.5	11	NA	ND	0.91	
7/9/2008	3.1	ND	ND	8.5	13	NA	ND	1.0	

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Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8300201	07 N	36 E	23

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	2.8	ND	ND	8.2	11	ND	ND	0.84
8/10/1999	3.1	ND	ND	9.5	14	ND	ND	0.79
7/10/2000	2.9	ND	ND	7.7	11	ND	ND	0.91
7/17/2001	2.90	ND	ND	9.10	13.00	0.12	ND	0.87
7/24/2002	2.700	ND	BDL	7.90	11.00	BDL	ND	0.83
8/5/2003	3.2	ND	ND	8.6	14	BDL	ND	0.75
7/29/2004	3.3	ND	ND	8.2	14	BDL	ND	0.86
8/2/2006	3.3	ND	ND	8.3	15	NA	ND	0.81
7/9/2008	3.5	ND	ND	7.8	16	NA	ND	0.80

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8300301	07 N	36 E	22

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	2.3	ND	ND	8.1	10	ND	ND	0.81
8/10/1999	2.3	ND	ND	8.6	11	ND	ND	0.85
7/10/2000	2.6	ND	ND	8	11	ND	ND	0.88
7/17/2001	2.30	ND	ND	8.10	11.00	BDL	ND	0.91
7/23/2002	2.40	ND	ND	8.30	11.00	BDL	ND	0.81
8/5/2003	2.7	ND	ND	8.4	12	BDL	ND	0.81
7/29/2004	2.8	ND	ND	8.1	12	BDL	ND	0.90
7/27/2005	2.7	ND	ND	7.8	12	BDL	ND	0.88
8/1/2006	2.8	ND	BDL	8.0	12	NA	ND	0.84
7/11/2007	3.3	ND	ND	8.5	14	NA	ND	0.78
7/9/2008	3.4	ND	ND	8.0	14	NA	ND	0.84

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8300401	07 N	36 E	14

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	4.3	ND	ND	10	18	ND	ND	0.66
8/10/1999	4.2	ND	ND	10	22	ND	ND	0.73
7/10/2000	4.5	ND	ND	9.6	20	ND	ND	0.77
7/17/2001	3.40	ND	ND	8.70	16.00	BDL	ND	0.80
7/23/2002	3.80	ND	BDL	8.80	18.00	BDL	ND	0.70
8/5/2003	3.9	ND	ND	8.3	17	0.15	ND	0.7
7/28/2004	3.7	ND	ND	7.5	16	BDL	ND	0.79
7/27/2005	3.7	ND	ND	7.7	16	BDL	ND	0.76
8/1/2006	4.1	ND	ND	8.5	18	NA	ND	0.74
7/11/2007	3.7	ND	ND	7.9	16	NA	ND	0.70
7/9/2008	3.5	ND	ND	7.4	15	NA	ND	0.77

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8300501	07 N	36 E	12

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	4.4	ND	ND	13	15	ND	ND	0.82
8/11/1999	3.3	ND	ND	11	13	ND	ND	0.91
7/10/2000	3.2	ND	ND	9.6	12	ND	ND	0.94
7/17/2001	3.00	ND	ND	9.80	12.00	BDL	ND	0.97
7/23/2002	2.80	ND	ND	9.2	11.00	BDL	ND	0390
8/5/2003	3.9	ND	ND	9.2	14	BDL	ND	0.86
7/28/2004	3.1	ND	ND	8.4	12	BDL	ND	0.98
7/27/2005	3.5	ND	ND	8.6	13	BDL	ND	0.88
8/1/2006	4.6	ND	BDL	10	16	NA	ND	0.94
7/11/2007	3.9	ND	ND	9.5	15	NA	ND	0.87
7/9/2008	3.9	ND	ND	9.4	15	NA	ND	0.92

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8300601	07 N	36 E	04

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<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	1.3	ND	ND	9.2	9.8	ND	ND	0.37
8/10/1999	1.3	ND	ND	9.7	9.8	ND	ND	0.68
7/10/2000	1.4	ND	ND	8.6	9.5	ND	ND	0.72
7/17/2001	1.50	ND	ND	8.80	9.30	BDL	ND	0.74
7/23/2002	2.30	ND	BDL	10.00	10.00	BDL	ND	0.68
8/5/2003	2	ND	ND	9	10	BDL	ND	0.69
7/28/2004	2.5	ND	BDL	8.7	11	BDL	ND	0.79
7/27/2005	1.8	ND	ND	7.5	9.2	BDL	ND	0.67
8/1/2006	2.6	ND	BDL	9.3	12	NA	ND	0.72
7/11/2007	2.1	ND	ND	8.5	11	NA	ND	0.68
7/8/2008	1.9	ND	ND	8.0	11	NA	ND	0.76

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8300701	08 N	36 E	31

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	1.7	ND	ND	4.9	8.8	ND	ND	0.087
8/11/1999	1.5	ND	ND	5.1	7.5	ND	ND	0.25
7/12/2000	1.2	ND	ND	4.5	7.2	ND	ND	0.21
7/17/2001	2.70	ND	ND	9.50	12.00	BDL	ND	0.20
7/23/2002	2.50	ND	BDL	6.80	9.00	BDL	ND	0.23
8/5/2003	0.66	ND	ND	3.3	7.9	BDL	ND	0.21
7/28/2004	1.7	ND	BDL	5	10	BDL	ND	0.27
7/27/2005	2.4	ND	BDL	7.0	12	BDL	ND	0.23
8/1/2006	2.3	ND	BDL	5.2	10	NA	ND	0.19
7/11/2007	2.4	ND	0.11	5.0	11	NA	ND	0.18
7/8/2008	3.0	ND	ND	4.9	13	NA	ND	0.31

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8300801	08 N	36 E	33

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	1.4	ND	ND	9.6	7.6	ND	ND	0.67
8/10/1999	3.6	ND	ND	79	34	ND	ND	0.24
7/10/2000	2.9	ND	ND	15	9.5	ND	ND	0.7
7/17/2001	2.70	ND	ND	12.00	9.90	BDL	ND	0.72
7/23/2002	2.90	ND	BDL	15.00	9.90	BDL	ND	0.65
8/5/2003	2.5	ND	ND	9.9	9.9	0.31	ND	0.67
7/28/2004	2.4	ND	ND	9.1	9.9	BDL	ND	0.75
7/27/2005	2.3	ND	ND	9.6	9.7	BDL	ND	0.72
8/1/2006	2.2	ND	BDL	8.8	10	NA	ND	0.70
7/11/2007	2.6	ND	ND	9.9	10	NA	ND	0.65
7/9/2008	2.3	ND	ND	9.0	10	NA	ND	0.73

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8300901	07 N	35 E	36

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	0.91	ND	ND	8.6	10	ND	ND	0.2
8/10/1999	0.88	ND	ND	9.3	9.9	ND	ND	0.37
7/10/2000	0.9	ND	ND	8.6	9.8	ND	ND	0.35
7/17/2001	1.00	ND	ND	8.20	9.50	BDL	ND	0.34
7/24/2002	1.100	ND	BDL	8.10	9.20	BDL	ND	0.34
8/5/2003	1.4	ND	ND	8.4	10	0.18	ND	0.33
7/28/2004	1.3	ND	ND	7.9	10	BDL	ND	0.38
8/2/2006	1.3	ND	BDL	8.1	10	NA	ND	0.35
7/10/2007	1.5	ND	ND	8.8	11	NA	ND	0.32
7/8/2008	1.4	ND	ND	8.3	11	NA	ND	0.38

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8301001	07 N	35 E	36

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	2.1	ND	ND	26	20	ND	ND	0.07
8/10/1999	2.5	ND	ND	29	22	ND	ND	0.25
7/10/2000	2.6	ND	ND	26	24	ND	ND	0.22
7/17/2001	2.60	ND	0.16	25.00	22.00	BDL	ND	0.19
7/24/2002	2.300	ND	BDL	26.00	21.00	BDL	ND	0.23
8/5/2003	2.7	ND	ND	23	22	0.3	ND	0.2
7/28/2004	2.7	ND	ND	21	21	BDL	ND	0.23
7/27/2005	2.5	ND	ND	23	17	BDL	ND	0.23
8/2/2006	2.3	ND	BDL	19	18	NA	ND	0.23
7/10/2007	2.1	ND	ND	18	18	NA	ND	0.19
7/8/2008	2.2	ND	ND	18	18	NA	ND	0.27

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8301101	06 N	35 E	02

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	0.67	ND	ND	9.6	9.1	ND	ND	0.23
8/10/1999	0.66	ND	ND	10	9.2	ND	ND	0.41
7/10/2000	0.61	ND	ND	9.2	8.9	ND	ND	0.38
7/18/2001	0.62	ND	BDL	9.10	8.90	0.13	ND	0.36
7/24/2002	0.640	ND	BDL	9.70	8.80	BDL	ND	0.36
8/6/2003	0.74	ND	ND	9.9	9.7	0.18	ND	0.37
7/27/2004	0.82	ND	ND	9.8	9.9	BDL	ND	0.42
7/27/2005	0.86	ND	ND	10	9.9	BDL	ND	0.36
8/2/2006	0.84	ND	ND	10	9.8	NA	ND	0.36
7/10/2007	0.84	ND	ND	10	10	NA	ND	0.35
7/8/2008	0.84	ND	ND	9.8	10	NA	ND	0.38

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8301201	06 N	35 E	03

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	0.63	ND	ND	9.9	8.4	ND	ND	0.23
8/11/1999	0.63	ND	ND	11	8.8	ND	ND	0.4
7/11/2000	0.61	ND	ND	11	8.7	ND	ND	0.39
7/18/2001	0.61	ND	BDL	10.00	9.50	BDL	ND	0.38
7/24/2002	0.640	ND	BDL	11.00	8.30	BDL	ND	0.37
8/6/2003	0.73	ND	ND	12	9.2	0.24	ND	0.38
7/28/2004	0.76	ND	ND	11	9.3	BDL	ND	0.40
7/26/2005	0.8	ND	ND	12	9.7	BDL	ND	0.38
8/2/2006	0.81	ND	BDL	13	10	NA	ND	0.37
7/10/2007	0.83	0.050	ND	11	7.4	NA	ND	BDL
7/8/2008	0.86	ND	ND	14	11	NA	ND	0.40

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8301301	06 N	35 E	15

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	3.7	ND	ND	49	24	ND	ND	0.043
8/11/1999	3.3	ND	ND	58	24	ND	ND	0.18
7/11/2000	3.8	ND	ND	61	25	ND	ND	0.18
7/18/2001	3.50	ND	BDL	56.00	23.00	BDL	BDL	0.17
7/24/2002	3.800	ND	BDL	57.00	26.00	BDL	BDL	0.18
8/6/2003	4	ND	ND	59	28	BDL	0.12	0.16
7/27/2004	4	ND	ND	54	27	BDL	0.11	0.18
7/26/2005	3.7	ND	ND	54	26	BDL	0.12	BDL
8/2/2006	3.8	ND	BDL	56	24	NA	0.11	0.17
7/11/2007	4.1	ND	ND	63	25	NA	0.12	BDL
7/8/2008	4.1	ND	ND	55	27	NA	0.10	0.16

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8301401	06 N	35 E	15

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	3.9	ND	ND	56	28	ND	ND	0.038
8/11/1999	3.4	ND	ND	55	26	ND	ND	0.15
7/11/2000	3.9	ND	ND	54	26	ND	ND	0.16
7/18/2001	3.60	ND	BDL	52.00	25.00	0.10	BDL	0.14
7/25/2002	3.700	ND	BDL	56.00	25.00	BDL	BDL	0.16
8/6/2003	4	ND	ND	54	25	BDL	0.11	BDL
7/27/2004	4	ND	ND	52	26	BDL	0.10	0.20
7/26/2005	3.7	ND	ND	47	25	BDL	0.12	BDL
8/2/2006	6.5	ND	ND	49	35	NA	0.11	BDL
7/10/2007	5.2	ND	ND	56	32	NA	0.11	BDL
7/8/2008	6.5	ND	ND	54	37	NA	0.12	0.15

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8301501	06 N	35 E	16

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	4.6	ND	ND	18	42	ND	ND	ND
8/11/1999	4.5	ND	ND	23	42	ND	ND	0.15
7/11/2000	4.8	ND	ND	18	43	ND	ND	ND
7/18/2001	3.90	ND	BDL	24.00	46.00	BDL	BDL	0.11
7/30/2002	3.700	ND	BDL	21.00	35.00	BDL	ND	0.12
7/30/2002	3.600	ND	BDL	20.00	34.00	BDL	ND	0.11
8/6/2003	3.8	ND	ND	19	38	0.17	BDL	BDL
7/27/2004	3.5	ND	ND	18	38	BDL	ND	0.19
7/16/2005	NA	NA	NA	NA	NA	NA	NA	NA
7/26/2005	3.1	ND	ND	13	35	BDL	ND	BDL
8/2/2006	2.2	ND	BDL	10	25	NA	ND	BDL
7/10/2007	2.6	ND	ND	12	36	NA	ND	BDL
7/8/2008	2.0	ND	ND	10	28	NA	ND	BDL

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8301601	06 N	35 E	08

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	1.8	ND	ND	20	11	ND	ND	0.22
8/10/1999	2	ND	ND	25	13	ND	ND	0.37
7/11/2000	1.9	ND	ND	22	12	ND	ND	0.37
7/18/2001	1.80	ND	BDL	19.00	12.00	0.10	BDL	0.36
7/25/2002	1.800	ND	BDL	21.00	11.00	BDL	BDL	0.37
8/6/2003	1.9	ND	ND	21	13	0.26	ND	0.35
7/27/2004	1.8	ND	ND	20	12	BDL	ND	0.41
7/26/2005	1.7	ND	ND	18	12	BDL	ND	0.36
8/8/2006	1.8	ND	ND	21	13	NA	ND	0.29
7/10/2007	1.9	ND	ND	21	13	NA	NA	0.32
7/8/2008	1.8	ND	ND	19	13	NA	ND	0.38

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8301701	06 N	34 E	24

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	0.73	ND	ND	15	11	ND	ND	0.17
8/10/1999	0.73	ND	ND	15	11	ND	ND	0.34
7/11/2000	0.71	ND	ND	14	11	ND	ND	0.33
7/19/2001	0.68	ND	BDL	12.00	11.00	BDL	ND	0.32
7/25/2002	0.680	ND	BDL	14.00	11.00	BDL	ND	0.32
8/6/2003	0.71	ND	ND	14	11	BDL	ND	0.3
7/27/2004	0.74	ND	ND	14	11	BDL	ND	0.37
7/26/2005	0.8	ND	ND	13	12	BDL	ND	0.32
8/8/2006	0.79	ND	ND	15	12	NA	ND	0.24
7/10/2007	0.83	ND	ND	15	12	NA	ND	0.29
7/7/2008	0.87	ND	ND	15	12	NA	ND	0.34

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8301801	06 N	34 E	14

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	6.5	ND	ND	62	40	ND	ND	0.041
8/10/1999	6.2	ND	ND	65	39	ND	ND	0.13
7/12/2000	5.7	ND	ND	60	38	ND	ND	0.17
7/19/2001	5.20	ND	BDL	46.00	37.00	BDL	BDL	0.15
7/25/2002	5.700	ND	BDL	65.00	39.00	BDL	BDL	0.17
8/7/2003	5	ND	ND	48	400	0.23	BDL	BDL
7/27/2004	5.2	ND	ND	50	39	BDL	BDL	0.19
7/26/2005	4.9	ND	ND	48	39	BDL	0.11	BDL
8/8/2006	5.2	ND	ND	48	39	NA	ND	BDL
7/10/2007	5.1	ND	0.10	51	40	NA	BDL	BDL
7/7/2008	4.9	ND	ND	46	38	NA	0.10	0.22

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8301901	06 N	34 E	15

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	5.4	ND	ND	50	39	ND	ND	0.038
8/10/1999	5	ND	ND	48	40	ND	ND	0.13
7/12/2000	5.3	ND	ND	49	38	ND	ND	0.16
7/19/2001	5.00	ND	BDL	42.00	36.00	BDL	BDL	0.14
7/25/2002	5.000	ND	BDL	46.00	39.00	BDL	BDL	0.16
8/7/2003	5.1	ND	ND	46	290	BDL	BDL	BDL
7/27/2004	5.2	ND	ND	44	40	BDL	BDL	0.20
7/26/2005	5.1	ND	BDL	43	38	BDL	BDL	BDL
8/8/2006	5.3	ND	ND	42	38	NA	ND	BDL
7/9/2007	5.0	ND	ND	42	39	NA	BDL	BDL
7/8/2008	4.9	ND	ND	39	38	NA	BDL	0.20

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8302001	06 N	34 E	22

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	5.5	ND	ND	51	39	ND	ND	ND
8/10/1999	5.1	ND	ND	50	38	0.82	ND	0.11
7/12/2000	5.2	ND	ND	51	37	ND	ND	ND
7/19/2001	5.00	ND	BDL	42.00	35.00	BDL	BDL	0.13
7/31/2002	4.800	ND	BDL	47.00	36.00	BDL	BDL	0.13
8/7/2003	ND	ND	ND	8.5	4.6	0.42	ND	0.57
7/26/2004	ND	ND	ND	8.2	4.8	0.50	ND	0.69
7/25/2005	BDL	ND	ND	8.8	5.3	0.19	ND	0.62
8/8/2006	ND	ND	ND	8.6	5.3	NA	ND	0.57
7/9/2007	0.42	ND	BDL	8.6	6.6	NA	ND	0.56
7/7/2008	0.73	0.070	ND	8.2	7.6	NA	ND	0.61

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8302101	06 N	34 E	09

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	5.2	ND	ND	37	37	ND	ND	ND
8/11/1999	4.6	ND	ND	36	37	ND	ND	0.18
7/11/2000	5.1	ND	ND	33	36	ND	ND	ND
7/18/2001	4.60	ND	BDL	30.00	34.00	BDL	BDL	0.10
7/31/2002	4.600	ND	BDL	31.00	34.00	BDL	BDL	0.11
8/6/2003	4.9	ND	ND	33	35	0.46	BDL	BDL
7/26/2004	4.7	ND	ND	31	37	BDL	BDL	0.22
7/25/2005	4.6	ND	ND	31	38	BDL	ND	BDL
8/8/2006	4.6	ND	ND	32	38	NA	BDL	BDL
7/9/2007	4.4	ND	BDL	32	38	NA	ND	BDL
7/7/2008	4.3	ND	ND	27	36	NA	BDL	0.19

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8302201	06 N	34 E	04

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.015	ND	ND	6	13	0.07	ND	0.31
8/11/1999	0.015	ND	ND	6.5	14	0.2	ND	0.5
7/11/2000	ND	ND	ND	6	14	0.19	ND	0.47
7/19/2001	ND	ND	BDL	6.40	14.00	0.27	ND	0.50
7/31/2002	ND	ND	BDL	7.20	480.00	0.18	ND	0.44
7/31/2002	ND	ND	BDL	6.00	14.00	0.16	ND	0.45
8/6/2003	ND	ND	ND	6.2	15	0.17	ND	0.46
7/26/2004	ND	ND	ND	6	14	0.17	ND	0.49
7/25/2005	ND	ND	ND	6.1	14	0.1	ND	0.44
8/8/2006	ND	ND	ND	6.3	14	NA	ND	0.40
7/9/2007	ND	ND	ND	6.3	14	NA	ND	0.44
7/7/2008	ND	ND	ND	6.0	14	NA	ND	0.46

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8302301	06 N	33 E	02

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	1.7	ND	ND	16	14	0.03	ND	0.42
8/11/1999	2.4	ND	ND	20	19	ND	ND	0.44
7/12/2000	2.3	ND	ND	21	20	ND	ND	0.42
7/19/2001	2.10	ND	BDL	16.00	18.00	0.19	BDL	0.46
7/30/2002	1.700	ND	BDL	15.00	14.00	0.16	ND	0.48
8/7/2003	2.3	ND	ND	21	20	0.46	ND	0.38
7/26/2004	1.2	ND	ND	12	12	0.19	ND	0.63
7/25/2005	1.0	ND	ND	12	12	0.17	ND	0.51
8/3/2006	1.1	ND	BDL	13	12	NA	ND	0.57
7/9/2007	1.4	ND	BDL	15	14	NA	ND	0.48
7/7/2008	0.65	ND	ND	9.7	9.0	NA	ND	0.67

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8302401	07 N	33 E	26

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.015	ND	ND	10	11	0.81	ND	0.48
8/11/1999	0.015	ND	ND	10	11	ND	ND	0.56
7/12/2000	ND	ND	ND	9.9	11	0.72	ND	0.53
7/19/2001	BDL	ND	BDL	9.60	12.00	0.89	ND	0.54
7/30/2002	ND	ND	BDL	9.60	10.00	0.75	ND	0.50
8/7/2003	ND	ND	ND	9.8	11	0.62	ND	0.5
7/26/2004	ND	ND	ND	9.3	11	0.62	ND	0.58
7/25/2005	ND	ND	ND	10	12	0.65	ND	0.48
8/3/2006	ND	ND	BDL	9.8	12	NA	ND	0.54
7/9/2007	ND	ND	BDL	9.8	12	NA	ND	0.49
7/7/2008	ND	ND	ND	9.7	12	NA	ND	0.53

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8302501	07 N	33 E	11

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.042	ND	ND	27	34	0.25	ND	0.37
8/11/1999	0.015	ND	ND	31	37	0.27	ND	0.55
7/12/2000	ND	ND	ND	44	45	0.24	ND	0.59
7/18/2001	0.10	ND	ND	43.00	46.00	BDL	BDL	0.48
8/1/2002	0.064	ND	BDL	53.00	50.00	0.16	BDL	0.42
8/7/2003	BDL	ND	ND	54	53	0.22	0.13	0.4
7/26/2004	BDL	ND	ND	59	59	0.19	0.15	0.50
7/25/2005	BDL	ND	ND	56	58	0.12	0.13	0.43
8/3/2006	ND	ND	BDL	62	58	NA	0.17	0.44
7/9/2007	BDL	ND	BDL	63	59	NA	0.16	0.36
7/7/2008	BDL	ND	ND	52	55	NA	0.14	0.47

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

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<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8302601	07 N	33 E	02

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<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.015	ND	ND	11	16	0.23	ND	0.67
8/11/1999	0.015	ND	ND	12	16	0.19	ND	0.74
7/12/2000	ND	ND	ND	13	20	0.18	ND	0.75
7/18/2001	ND	ND	ND	13.00	20.00	0.18	BDL	0.72
8/1/2002	ND	ND	BDL	14.00	30.00	0.22	ND	0.68
8/7/2003	ND	ND	ND	17	32	0.19	ND	0.66
7/26/2004	ND	ND	ND	19	26	0.18	ND	0.69
7/25/2005	ND	ND	ND	20	36	0.13	ND	0.65
8/3/2006	ND	ND	BDL	22	41	NA	ND	0.68
7/9/2007	ND	ND	ND	22	36	NA	ND	0.60
7/7/2008	ND	ND	ND	20	51	NA	ND	0.67

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**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8302701	07 N	33 E	16

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	6	ND	ND	96	99	ND	ND	ND
8/11/1999	5.9	ND	ND	110	110	ND	ND	0.26
7/12/2000	6.3	ND	ND	120	98	ND	0.2	0.24
7/19/2001	6.60	ND	BDL	130.00	4.70	BDL	0.23	0.25
7/31/2002	6.700	ND	BDL	150.00	110.00	BDL	0.26	0.23
8/7/2003	6.5	ND	ND	160	120	BDL	0.3	0.25
7/26/2004	7.2	ND	ND	180	160	BDL	0.36	0.37
7/25/2005	7.6	ND	ND	140	140	BDL	0.25	0.17
8/3/2006	9.3	ND	ND	130	170	NA	0.23	0.24
7/9/2007	11	ND	BDL	130	160	NA	0.23	0.18
7/7/2008	9.5	ND	ND	97	130	NA	0.20	0.28

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8302801	06 N	34 E	20

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.015	ND	ND	4.8	9.6	0.39	ND	0.49
8/10/1999	0.015	ND	ND	5.4	9.7	ND	ND	0.56
7/12/2000	0.069	ND	ND	5.1	9.2	0.29	ND	0.53
7/18/2001	BDL	ND	BDL	4.90	9.10	0.56	ND	0.53
7/31/2002	ND	ND	BDL	4.90	8.70	0.35	ND	0.50
8/6/2003	ND	ND	ND	5.2	15	0.29	ND	0.52
7/26/2004	BDL	ND	ND	5.2	9.3	0.29	ND	0.59
7/25/2005	0.054	ND	ND	5.2	9.8	0.2	ND	0.51
8/3/2006	ND	ND	BDL	5.5	9.4	NA	ND	0.54
7/9/2007	0.051	ND	BDL	5.4	10	NA	ND	0.52
7/7/2008	ND	ND	ND	5.1	9.3	NA	ND	0.53

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8302901	06 N	34 E	28

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.015	ND	ND	7.5	5.7	0.28	ND	0.47
8/11/1999	0.015	ND	ND	7.8	6.3	0.22	ND	0.54
7/12/2000	ND	ND	ND	7.5	5.5	0.23	ND	0.54
7/18/2001	ND	ND	BDL	7.10	5.30	0.33	ND	0.52
7/30/2002	ND	ND	BDL	7.10	5.10	0.25	ND	0.50
8/6/2003	ND	ND	ND	7.5	6	0.2	ND	0.51
7/27/2004	ND	ND	ND	7.2	5.7	0.21	ND	0.58
7/26/2005	BDL	ND	BDL	7.0	5.5	0.16	ND	0.51
8/8/2006	ND	ND	ND	7.5	5.8	NA	ND	0.48
7/9/2007	ND	ND	BDL	7.5	5.8	NA	ND	0.49
7/7/2008	ND	ND	ND	7.1	5.8	NA	ND	0.53

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>						
8303001	06 N	35 E	22						
<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>	
8/13/1998	4.9	ND	ND	25	24	ND	ND	ND	
8/11/1999	5.1	ND	ND	25	25	ND	ND	0.15	
7/11/2000	5	ND	ND	26	24	ND	ND	ND	
7/19/2001	5.40	ND	BDL	37.00	26.00	0.11	BDL	BDL	
7/25/2002	6.900	ND	BDL	32.00	24.00	BDL	BDL	0.12	
8/7/2003	8.5	ND	ND	28	25	0.43	BDL	BDL	
7/27/2004	9.2	ND	ND	29	28	BDL	ND	0.19	
7/26/2005	8.8	ND	ND	27	35	BDL	ND	BDL	
8/2/2006	10	ND	ND	27	25	NA	ND	BDL	
7/10/2007	7.8	ND	ND	28	25	NA	ND	BDL	

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>						
8303101									
<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>	
7/25/2002	5.1	ND	BDL	50	39	BDL	BDL	0.17	
7/25/2002	5.1	ND	BDL	50	39	NA	BDL	0.17	
8/7/2003	5.1	ND	ND	48	390	BDL	BDL	BDL	

Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.