

**BEFORE THE
IDAHO DEPARTMENT OF WATER RESOURCES**

**IN THE MATTER OF DISTRIBUTION
OF WATER TO WATER RIGHT NOS.
36-4103A, 36-4103B and 36-7148 (Snake
River Farm)**

CM-MP-2009-004

(Over-the-Rim Mitigation Plan)

**IN THE MATTER OF THE THIRD
MITIGATION PLAN (OVER-THE-RIM)
OF THE NORTH SNAKE AND MAGIC
VALLEY GROUND WATER DISTRICTS
TO PROVIDE REPLACEMENT WATER
FOR CLEAR SPRINGS SNAKE RIVER
FARM**

(Water District Nos. 130 and 140)

**SUPPLEMENTAL TO DIRECT TESTIMONY OF
RAY ELDREDGE, P.E. dated September 11, 2009**

SUBMITTED ON BEHALF OF:

**THE IDAHO GROUND WATER APPROPRIATOR'S INC.
NORTH SNAKE GROUND WATER DISTRICT
MAGIC VALLEY GROUND WATER DISTRICT**

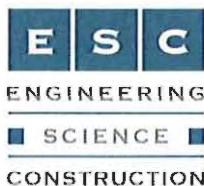
NOVEMBER 6, 2009

LISTS OF SPONSORED EXHIBITS

Exhibit No.	Title
2210	Technical Memorandum
2211	Snake River Farms Water Users Laboratory Water Quality Tests Summary
2212	Statewide Groundwater Quality Monitoring Wells
2213	Print out from IDWR Statewide Groundwater Quality Monitoring Program – Metal Tag # A0003748
2214	Print out from IDWR Statewide Groundwater Quality Monitoring Program – Metal Tag # A0008513
2215	Print out from IDWR Statewide Groundwater Quality Monitoring Program – Metal Tag # A0009144
2216	Print out from IDWR Statewide Groundwater Quality Monitoring Program – Metal Tag # A0011032

Exhibit 2210

TECHNICAL MEMORANDUM



200 North 4th Street, Suite 300
Boise, Idaho 83702

Tel: 208/331-9736
Fax: 208/331-9739

SUPPLEMENTAL TO DIRECT TESTIMONY OF RAY ELDRIDGE, P.E. dated September 11, 2009

The purpose of this memorandum is to present additional water quality data that were gathered or analyzed after the submittal of the expert reports on September 11, 2009. Prior to the submittal of the expert reports, one set of water quality samples were obtained and analyzed; they included Wells No. 4, 7 and 8, and the Fred Nihart Fountain. This sampling was accomplished on September 1, 2009 and the results were presented in Exhibits 2203 and 2205. Since that time, further sampling, laboratory and field analysis have been completed as shown on Exhibit 2211.

The water quality sampling and analyses performed to evaluate the Over the Rim well field includes analyses of all of the proposed wells (Wells No. 1, 2, 4, 5, 6, 7 and 8), the Fred Nihart Spring and the main spring supply to the Snake River Farm. Each location was sampled and tested on two occasions and Wells 4, 7 and 8 were sampled and tested on three occasions.

Inspection of the Exhibit 2211 water quality data shows that for most analyses, the well data and spring data are similar, though differences exist. In the case of Wells No. 2 and 4, measured levels of nitrate-N, orthophosphate, conductivity, and dissolved solids differ from the other wells and differ from the springs. The increased levels, when compared to other sample locations, of nitrate-N and orthophosphate are likely due to agricultural activities near the wells. Higher levels of conductivity and dissolved solids in Wells 2 and 4 appear to be, in part, caused by the elevated nitrate-N levels. The similarity of the water quality in Wells 2 and 4 can be expected given the close proximity of the wells.

The average of all nitrate-N values measured in the wells is 6.7 mg/l. This compares to an average of 3.4 mg/l at the Snake River Farm spring supply. This nearly doubling of nitrate-N is due to the elevated levels measured in Wells 2 and 4. If Wells 2 and 4 are removed from the data set, the average nitrate-N from the remaining wells drops to 3.0 mg/l – slightly lower than the average value of 3.4 mg/l measured at the Snake River Farm spring supply.

In an effort to expand the available water quality data for the Over the Rim well field analysis, the State of Idaho's Statewide Groundwater Quality Monitoring Program information was reviewed. Of the monitoring wells in the State's database, four were believed to be most representative of the Over the Rim wells. These wells are located to the north of the Snake River Farm site, within approximately six miles. The wells and the period of record are presented in Exhibit 2212. The data for the four wells are given in Exhibits 2213, 2214, 2215 and 2216.

Review of the State's data for the four wells shows similar water quality to that obtained for Wells 1, 2, 4, 5, 6, 7 and 8 and the springs at and near the Snake River Farm in September and October of 2009. One difference between the State's data and that presented in Exhibit 2211 are the levels of nitrate-N, which are substantially lower than those measured in Wells 2 and 4.

The only parameter of initial concern in the State's data was zinc. The levels of zinc in the four State monitoring wells ranged from below detection to 98 µg/l. If the hardness of water is low, zinc levels of roughly 50 to 100 µg/l can be toxic to rainbow trout¹. At more elevated levels of hardness, the toxicity of zinc is reduced. For example the LC50 for zinc increases to 234 µg/l at a hardness of 75 mg/l (CaCO₃)². Since the hardness of the Over the Rim well field ranges from 200 to 340 mg/l (CaCO₃), the zinc concentrations measured in the State monitoring wells are not believed to be an issue.

Conclusions

The additional data gathered, reviewed and presented here, after the submittal of Exhibits 2200 through 2209 on September 11, 2009, is consistent with the previous data gathered in September of 2009. This additional information further supports the conclusion that the Over the Rim well field can be expected to perform as well as the existing Snake River Farm water supply for the culture of rainbow trout and similar fish.

¹ Bailey, H.C., et al, Zinc Toxicity in Stormwater Runoff From Sawmills in British Columbia, Wat. Res. Vol. 33, No. 11, pp 2721-2725, 1999, Elsevier Science Ltd.

² Ibid

Tests from Engineering Science Corporation

		Exhibit 2211 - Snake River Farms Water Users Laboratory Water Quality Tests Summary																Units	Detection Limit						
		Well 1		Well 2		Well 4		Well 5		Well 6		Well 7		Well 8		Spring (Fred Nihart Fountain)	Spring (at SRF source)								
	Date	9/9/2009	10/8/2009	9/9/2009	10/6/2009	9/11/2009	10/6/2009	9/9/2009	10/6/2009	9/1/2009	9/11/2009	10/6/2009	9/1/2009	9/11/2009	10/9/2009	9/1/2009	9/9/2009	10/2/2009	10/8/2009	Date	10/2/2009	10/8/2009			
Basic Water Chemistry	Nitrate as N	2.6	2.9	15.0	16.0	13.0	15.0	15.0	3.6	4.3	2.9	3.5	2.7	3.0	3.1	1.5	1.6	1.7	2.6	2.6	3.3	3.4	mg/l	0.10	
	Nitrite as N	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.10	
	Alkalinity	170.0	180.0	230.0	240.0	180.0	230.0	220.0	190.0	190.0	180.0	180.0	180.0	180.0	180.0	150.0	170.0	160.0	180.0	150.0	180.0	190.0	mg/l	20.00	
	Alkalinity, Carbonate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	20.00
	Hardness	200.0	280.0	340.0	300.0	330.0	360.0	290.0	220.0	210.0	210.0	230.0	240.0	200.0	200.0	200.0	220.0	200.0	220.0	200.0	260.0	280.0	280.0	mg/l	30.00
	Ammonia Nitrogen	0.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.10
	pH	N/A	8.0	N/A	7.7	7.5	N/A	7.8	N/A	8.0	N/A	8.0	7.7	N/A	7.8	N/A	8.0	N/A	7.8	N/A	8.1	8.1	8.1	su	
	Phosphate, Ortho	BDL	BDL	0.046	0.038	0.039	0.039	0.028	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.025
	Specific Conductance	N/A	570.0	N/A	910.0	820.0	N/A	870.0	N/A	650.0	N/A	620.0	580.0	N/A	580.0	470.0	N/A	480.0	560.0	N/A	800.0	610.0	umhos/cm		
	Kjeldahl Nitrogen, TKN	0.88	1.50	5.80	3.30	4.70	5.00	4.20	0.90	2.60	0.79	1.80	0.72	0.75	1.40	0.38	0.30	0.85	0.79	1.40	0.68	1.50	mg/l	0.10	
	Dissolved Solids	400.0	430.0	600.0	580.0	530.0	770.0	410.0	400.0	410.0	380.0	360.0	360.0	500.0	360.0	300.0	440.0	310.0	360.0	370.0	420.0	430.0	mg/l	10.00	
	Mercury	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000200
	Cadmium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000500
	Calcium	51.0	50.0	75.0	76.0	70.0	73.0	57.0	57.0	56.0	55.0	54.0	52.0	53.0	43.0	42.0	54.0	53.0	54.0	55.0	54.0	55.0	55.0	mg/l	0.500000
	Copper	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.020000
	Iron	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.100000
	Lead	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.005000
	Magnesium	22.0	22.0	37.0	37.0	33.0	36.0	36.0	25.0	23.0	24.0	22.0	22.0	18.0	18.0	18.0	22.0	23.0	24.0	23.0	24.0	24.0	mg/l	0.100000	
	Manganese	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.010000
	Nickel	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.020000
	Potassium	4.5	4.3	5.6	5.5	5.7	6.4	5.5	4.9	4.5	4.8	4.5	4.6	5.0	4.4	4.2	4.3	4.0	4.8	4.4	4.5	4.8	mg/l	0.500000	
Pesticides and Pesticide Surrogates	Aldrin	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Alpha BHC	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Beta BHC	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Delta BHC	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Gamma BHC	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Chlordane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000500
	4,4-DDD	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	4,4-DDE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	4,4-DDT	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Dieldrin	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Endosulfan I	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Endosulfan II	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Endosulfan sulfate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Endrin	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Endrin aldehyde	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Endrin ketone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Hexachlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Heptachlor	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Heptachlor epoxide	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Methoxychlor	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Toxaphen	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	mg/l	0.000050
	Decachlorobiphenyl	74.0	113.0	59.0	57.8	65.8	78.2	22.1	75.8	55.7	64.2	55.8	65.0	55.2	72.7	63.0	58.3	128.0	36.6	65.1	76.4	115.0	% Rec.		
	Tetrachloro-m-xylene	82.1	79.8	59.8	80.1	40.5	44.5	16.8	75.3	72.1	77.5	67.7	33.8	39.4	72.2	40.1	37.4	85.4	43.9	62.1	65.8	64.5	64.5	mg/l	0.50
Tests from Alchem Laboratories	Bicarbonate Alk, As CaCO3	160.0	180.0	21.0	240**	180.0	220**	171.0	190**	166.0	190**	176.0	160**	142.0	160**	162.0	150**	160**	160**	160**	160**	160**	mg/l	1.00	
	Chloride	44.5	44**	69.3	72**	71.6	70**	52.6	52**	50.1	49**	49.1	46**	32.0	30**	27.8	47.4	47**	47.4	47**	47.4	47**	mg/l	0.50	
	Nitrate as N	2.75	16.80	16.80	15.50	3.83	3.83	3.11	3.04	3.04	3.04	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	mg/l	0.10	
	Sodium	31.3	28**	58.4	51**	55.6	48**	36.0	33**	36.8	32**	31.5	31**	24.0	22**	35.3	31**	31**	31**	31**	31**	31**	mg/l	0.05</td	

Exhibit 2212 - Statewide Groundwater Quality Monitoring Wells

Well ID Number	Latitude	Longitude	Sampling Dates
424539114475701	42° 45' 39" N	114° 48' 0" W	9/17/2002 8/22/2007
424138114420801	42° 41' 38" N	114° 42' 10" W	8/28/1991 7/6/1995 7/28/1999 9/2/2004
424535114435701	42° 45' 34" N	114° 44' 0" W	7/30/1993 7/7/1997 7/23/2001 6/21/2006
424053114471901	42° 40' 52" N	114° 47' 22" W	7/26/1994 7/27/1998 6/18/2003

EXHIBIT 2213

Idaho Department of Water Resources**Technical Services Bureau****Statewide Groundwater Quality Monitoring Program**

Station: 08S 15E 06DAA1 Site ID: 424535114435701

Metal Tag #: A0003748

Well Characteristics

Legal: 08S 15E 6 NE NE SE
 Latitude: 42° 45' 34" N
 Longitude: 114° 44' 0" W
 County: Gooding
 Quad map: WENDELL
 Primary aquifer: 110SKRV

Altitude: 3372 ft.
 Well Depth: 185 ft.
 Depth to Water: 120 ft.
 Casing Depth: 7.5 ft.
 Depth to Aquifer: 93 ft.
 Water Use: Irrigation

Current Sampling Frequency: Once Every 5 Years

Sample years: 1993, 1997, 2001, and 2006.

The query returned 330 records.

Sample Date	Contents	Analyte	Reported Value	Numeric Value	Units
07/30/1993	Inorg & Field	Acid neutralizing capacity	148	148	mg/l CaCO ₃
07/30/1993	Inorg & Field	Ammonia	0.020	0.02	mg/l as N
07/30/1993	Inorg & Field	Arsenic	3	3	ug/L
07/30/1993	Inorg & Field	Bicarbonate	180	180	mg/L
07/30/1993	Inorg & Field	Cadmium	<1.0		BRL ug/L
07/30/1993	Inorg & Field	Calcium	35	35	mg/L
07/30/1993	Inorg & Field	Carbonate	0	0	mg/L
07/30/1993	Inorg & Field	Chloride	15	15	mg/L
07/30/1993	Inorg & Field	Chromium	3	3	ug/L
07/30/1993	Inorg & Field	Copper	<1		BRL ug/L
07/30/1993	Inorg & Field	Cyanide	<0.01		BRL mg/L
07/30/1993	Inorg & Field	Fecal Coliform	<1		BRL col/100 ml
07/30/1993	Inorg & Field	Fluoride	0.50	0.5	mg/L
07/30/1993	Inorg & Field	Hardness	160	160	mg/L
07/30/1993	Inorg & Field	Iron	<3		BRL ug/L
07/30/1993	Inorg & Field	Lead	<1		BRL ug/L
07/30/1993	Inorg & Field	Magnesium	17	17	mg/L
07/30/1993	Inorg & Field	Manganese	<1		BRL ug/L
07/30/1993	Inorg & Field	Mercury	<0.1		BRL ug/L
07/30/1993	Inorg & Field	Nitrate	1.10	1.1	mg/l as N
07/30/1993	Inorg & Field	Nitrite	<0.010		BRL mg/l as N
07/30/1993	Inorg & Field	pH	7.9	7.9	pH
07/30/1993	Inorg & Field	Phosphate	0.030	0.03	mg/l as P
07/30/1993	Inorg & Field	Potassium	3.7	3.7	mg/L
07/30/1993	Inorg & Field	Selenium	<1		BRL ug/L
07/30/1993	Inorg & Field	Silica	34	34	mg/L
07/30/1993	Inorg & Field	Sodium	19	19	mg/L
07/30/1993	Inorg & Field	Solids	250	250	mg/L
07/30/1993	Inorg & Field	Specific Conductance	415	415	uS/cm
07/30/1993	Inorg & Field	Sulfate	32	32	mg/L
07/30/1993	Inorg & Field	Water Temperature	14.5	14.5	°C
07/30/1993	Inorg & Field	Zinc	<3		BRL ug/L
07/30/1993	Pesticides	Alachlor	<0.4		BRL ug/L
07/30/1993	Pesticides	Atrazine	<0.2		BRL ug/L
07/30/1993	Pesticides	Bromacil	<2.5		BRL ug/L
07/30/1993	Pesticides	Dipropylthiocarbamate, S-Ethyl (EPTC)	<0.3		BRL ug/L
07/30/1993	Pesticides	Disulfoton	<0.3		BRL ug/L
07/30/1993	Pesticides	Ethoprop	<0.2		BRL ug/L
07/30/1993	Pesticides	Metolachlor	<0.8		BRL ug/L
07/30/1993	Pesticides	Metribuzin	<0.2		BRL ug/L

07/30/1993	Pesticides	Terbufos	<0.5	BRL ug/L
07/30/1993	Pesticides (Immu)	2,4-D	BRL	BRL ug/L
07/30/1993	Pesticides (Immu)	Alachlor	BRL	BRL ug/L
07/30/1993	Pesticides (Immu)	Aldicarb	BRL	BRL ug/L
07/30/1993	Pesticides (Immu)	Atrazine	BRL	BRL ug/L
07/30/1993	Pesticides (Immu)	Carbofuran	BRL	BRL ug/L
07/30/1993	Pesticides (Immu)	Metolachlor	BRL	BRL ug/L
07/30/1993	Radiochem	Alpha, Gross (as Americium)	5 ± 2.6	5 pCi/l
07/30/1993	Radiochem	Beta, Gross	4.6 ± 1.7	4.6 pCi/l
07/30/1993	VOCs	1,4-Dichlorobenzene	<0.5	BRL ug/L
07/30/1993	VOCs	Benzene	<0.5	BRL ug/L
07/30/1993	VOCs	Bromobenzene	<0.5	BRL ug/L
07/30/1993	VOCs	Bromochloromethane	<0.5	BRL ug/L
07/30/1993	VOCs	Bromoform	<0.5	BRL ug/L
07/30/1993	VOCs	Bromomethane	<0.5	BRL ug/L
07/30/1993	VOCs	Butylbenzene, n-	<0.5	BRL ug/L
07/30/1993	VOCs	Butylbenzene, -sec	<0.5	BRL ug/L
07/30/1993	VOCs	Carbon Tetrachloride	<0.5	BRL ug/L
07/30/1993	VOCs	Chlorobenzene	<0.5	BRL ug/L
07/30/1993	VOCs	Chloroethane	<0.5	BRL ug/L
07/30/1993	VOCs	Chloroform	<0.5	BRL ug/L
07/30/1993	VOCs	Chlorotoluene-p	<0.5	BRL ug/L
07/30/1993	VOCs	Dibromochloromethane	<0.5	BRL ug/L
07/30/1993	VOCs	Dibromochloropropane (DBCP)	<0.5	BRL ug/L
07/30/1993	VOCs	Dibromoethane,1,2- (EDB)	<0.2	BRL ug/L
07/30/1993	VOCs	Dibromomethane	<0.5	BRL ug/L
07/30/1993	VOCs	Dichlorobenzene,1,2-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichlorobenzene,1,3-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichlorobromomethane	<0.5	BRL ug/L
07/30/1993	VOCs	Dichlorodifluoromethane	<0.5	BRL ug/L
07/30/1993	VOCs	Dichloroethane,1,1-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichloroethane,1,2-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichloroethene,1,1-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichloroethene,1,2,cis-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichloroethene,1,2,trans-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichloropropane,1,2-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichloropropane,1,3-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichloropropane,2,2-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichloropropene,1,1-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichloropropene,1,3 cis-	<0.5	BRL ug/L
07/30/1993	VOCs	Dichloropropene,1,3 trans-	<0.5	BRL ug/L
07/30/1993	VOCs	Ethylbenzene	<0.5	BRL ug/L
07/30/1993	VOCs	Hexachlorobutadiene	<0.5	BRL ug/L
07/30/1993	VOCs	Isodurene	<0.5	BRL ug/L
07/30/1993	VOCs	Isopropylbenzene	<0.5	BRL ug/L
07/30/1993	VOCs	Methylene chloride	<0.5	BRL ug/L
07/30/1993	VOCs	Naphthalene	<0.5	BRL ug/L
07/30/1993	VOCs	o-Chlorotoluene	<0.5	BRL ug/L
07/30/1993	VOCs	Paraldehyde	<0.5	BRL ug/L
07/30/1993	VOCs	Styrene	<0.5	BRL ug/L
07/30/1993	VOCs	Tetrachloroethane,1,1,1,2-	<0.5	BRL ug/L
07/30/1993	VOCs	Tetrachloroethane,1,1,2,2-	<0.5	BRL ug/L
07/30/1993	VOCs	Tetrachloroethylene	<0.5	BRL ug/L
07/30/1993	VOCs	Tetralin	<0.5	BRL ug/L
07/30/1993	VOCs	Toluene	<0.5	BRL ug/L
07/30/1993	VOCs	Toluene, 2-Isopropyl-	<0.5	BRL ug/L
07/30/1993	VOCs	Trichlorobenzene,1,2,3-	<0.5	BRL ug/L
07/30/1993	VOCs	Trichlorobenzene,1,2,4-	<0.5	BRL ug/L
07/30/1993	VOCs	Trichloroethane,1,1,1-	<0.5	BRL ug/L
07/30/1993	VOCs	Trichloroethane,1,1,2-	<0.5	BRL ug/L
07/30/1993	VOCs	Trichloroethylene	<0.5	BRL ug/L
07/30/1993	VOCs	Trichlorofluoromethane	<0.5	BRL ug/L
07/30/1993	VOCs	Trichloropropane	<0.5	BRL ug/L
07/30/1993	VOCs	Trimethylbenzene,1,2,4-	<0.5	BRL ug/L
07/30/1993	VOCs	TRIMETHYLBENZENE,1,3,5-	<0.5	BRL ug/L
07/30/1993	VOCs	Vinyl chloride	<0.5	BRL ug/L
07/30/1993	VOCs	Xylenes	<0.5	BRL ug/L
07/07/1997	Inorg & Field	Acid neutralizing capacity	144	144 mg/l CaCO3
07/07/1997	Inorg & Field	Air Temperature	23	23 °C
07/07/1997	Inorg & Field	Ammonia	<0.015	BRL mg/l as N

	Inorg & Field	Arsenic	3	3 ug/L
07/07/1997	Inorg & Field	Bicarbonate	180	180 mg/L
07/07/1997	Inorg & Field	Cadmium	<1.0	BRL ug/L
07/07/1997	Inorg & Field	Calcium	38	38 mg/L
07/07/1997	Inorg & Field	Carbonate	0	0 mg/L
07/07/1997	Inorg & Field	Chloride	15	15 mg/L
07/07/1997	Inorg & Field	Chromium	3.3	3.3 ug/L
07/07/1997	Inorg & Field	Copper	<1.0	BRL ug/L
07/07/1997	Inorg & Field	Fecal Coliform	<1	BRL col/100 ml
07/07/1997	Inorg & Field	Fluoride	0.52	0.52 mg/L
07/07/1997	Inorg & Field	Hardness	170	170 mg/L
07/07/1997	Inorg & Field	Iron	<3.0	BRL ug/L
07/07/1997	Inorg & Field	Lead	<1.0	BRL ug/L
07/07/1997	Inorg & Field	Magnesium	18	18 mg/L
07/07/1997	Inorg & Field	Manganese	<1.0	BRL ug/L
07/07/1997	Inorg & Field	Nitrate	1.38	1.38 mg/l as N
07/07/1997	Inorg & Field	Nitrite	<0.010	BRL mg/l as N
07/07/1997	Inorg & Field	pH	7.7	7.7 pH
07/07/1997	Inorg & Field	Phosphate	0.023	0.023 mg/l as P
07/07/1997	Inorg & Field	Potassium	3.5	3.5 mg/L
07/07/1997	Inorg & Field	Selenium	<1	BRL ug/L
07/07/1997	Inorg & Field	Silica	34	34 mg/L
07/07/1997	Inorg & Field	Sodium	20.5	20.5 mg/L
07/07/1997	Inorg & Field	Solids	251	251 mg/L
07/07/1997	Inorg & Field	Specific Conductance	406	406 uS/cm
07/07/1997	Inorg & Field	Sulfate	30	30 mg/L
07/07/1997	Inorg & Field	Water Temperature	14.8	14.8 °C
07/07/1997	Inorg & Field	Zinc	<3.0	BRL ug/L
07/07/1997	Pesticides (Immu)	2,4-D	BRL	BRL ug/L
07/07/1997	Pesticides (Immu)	Alachlor	BRL	BRL ug/L
07/07/1997	Pesticides (Immu)	Aldicarb	BRL	BRL ug/L
07/07/1997	Pesticides (Immu)	Atrazine	BRL	BRL ug/L
07/07/1997	Pesticides (Immu)	Carbofuran	BRL	BRL ug/L
07/07/1997	Pesticides (Immu)	Cyanazine	BRL	BRL ug/L
07/07/1997	Pesticides (Immu)	Metolachlor	BRL	BRL ug/L
07/07/1997	Pesticides (Immu)	Metribuzin	BRL	BRL ug/L
07/07/1997	Pesticides (Immu)	Simazine	BRL	BRL ug/L
07/07/1997	Radiochem	Alpha, Gross (as Thorium)	2.7 ± 3.1	2.7 pCi/l
07/07/1997	Radiochem	Beta, Gross	4.6 ± 2	4.645 pCi/l
07/07/1997	VOCs	1,4-Dichlorobenzene	<0.5	BRL ug/L
07/07/1997	VOCs	Benzene	<0.5	BRL ug/L
07/07/1997	VOCs	Bromobenzene	<0.5	BRL ug/L
07/07/1997	VOCs	Bromoform	<0.5	BRL ug/L
07/07/1997	VOCs	Bromomethane	<0.5	BRL ug/L
07/07/1997	VOCs	Butylbenzene, n-	<0.5	BRL ug/L
07/07/1997	VOCs	Butylbenzene, -sec	<0.5	BRL ug/L
07/07/1997	VOCs	Carbon Tetrachloride	<0.5	BRL ug/L
07/07/1997	VOCs	Chlorobenzene	<0.5	BRL ug/L
07/07/1997	VOCs	Chloroethane	<0.5	BRL ug/L
07/07/1997	VOCs	Chloroform	<0.5	BRL ug/L
07/07/1997	VOCs	Chlorotoluene-p	<0.5	BRL ug/L
07/07/1997	VOCs	Dibromochloromethane	<0.5	BRL ug/L
07/07/1997	VOCs	Dibromochloropropane (DBCP)	<0.5	BRL ug/L
07/07/1997	VOCs	Dibromoethane,1,2-(EDB)	<0.2	BRL ug/L
07/07/1997	VOCs	Dibromomethane	<0.5	BRL ug/L
07/07/1997	VOCs	Dichlorobenzene,1,2-	<0.5	BRL ug/L
07/07/1997	VOCs	Dichlorobenzene,1,3-	<0.5	BRL ug/L
07/07/1997	VOCs	Dichlorobromomethane	<0.5	BRL ug/L
07/07/1997	VOCs	Dichlorodifluoromethane	<0.5	BRL ug/L
07/07/1997	VOCs	Dichloroethane,1,1-	<0.5	BRL ug/L
07/07/1997	VOCs	Dichloroethane,1,2-	<0.5	BRL ug/L
07/07/1997	VOCs	Dichloroethene,1,1-	<0.5	BRL ug/L
07/07/1997	VOCs	Dichloroethene,1,2,cis-	<0.5	BRL ug/L
07/07/1997	VOCs	Dichloroethene,1,2,trans-	<0.5	BRL ug/L
07/07/1997	VOCs	Dichloropropane,1,2-	<0.5	BRL ug/L
07/07/1997	VOCs	Dichloropropane,1,3-	<0.5	BRL ug/L
07/07/1997	VOCs	Dichloropropane,2,2-	<0.5	BRL ug/L
07/07/1997	VOCs	Dichloropropene,1,1-	<0.5	BRL ug/L
07/07/1997	VOCs	Dichloropropene,1,3 cis-	<0.5	BRL ug/L

	VOCs	Ethylbenzene	<0.5	BRL ug/L
07/07/1997	VOCs	Hexachlorobutadiene	<0.5	BRL ug/L
07/07/1997	VOCs	Isodurene	<0.5	BRL ug/L
07/07/1997	VOCs	Isopropylbenzene	<0.5	BRL ug/L
07/07/1997	VOCs	Methyl tertiary butyl ether (MTBE)	<0.5	BRL ug/L
07/07/1997	VOCs	Methylene chloride	<0.5	BRL ug/L
07/07/1997	VOCs	Naphthalene	<0.5	BRL ug/L
07/07/1997	VOCs	o-Chlorotoluene	<0.5	BRL ug/L
07/07/1997	VOCs	Paraldehyde	<0.5	BRL ug/L
07/07/1997	VOCs	Styrene	<0.5	BRL ug/L
07/07/1997	VOCs	Tetrachloroethane,1,1,1,2-	<0.5	BRL ug/L
07/07/1997	VOCs	Tetrachloroethane,1,1,2,2-	<0.5	BRL ug/L
07/07/1997	VOCs	Tetrachloroethylene	<0.5	BRL ug/L
07/07/1997	VOCs	Tetralin	<0.5	BRL ug/L
07/07/1997	VOCs	Toluene	<0.5	BRL ug/L
07/07/1997	VOCs	Toluene, 2-Isopropyl-	<0.5	BRL ug/L
07/07/1997	VOCs	Trichlorobenzene,1,2,3-	<0.5	BRL ug/L
07/07/1997	VOCs	Trichlorobenzene,1,2,4-	<0.5	BRL ug/L
07/07/1997	VOCs	Trichloroethane,1,1,1-	<0.5	BRL ug/L
07/07/1997	VOCs	Trichloroethane,1,1,2-	<0.5	BRL ug/L
07/07/1997	VOCs	Trichloroethylene	<0.5	BRL ug/L
07/07/1997	VOCs	Trichlorofluoromethane	<0.5	BRL ug/L
07/07/1997	VOCs	Trichloropropane	<0.5	BRL ug/L
07/07/1997	VOCs	Trimethylbenzene,1,2,4-	<0.5	BRL ug/L
07/07/1997	VOCs	TRIMETHYLBENZENE,1,3,5-	<0.5	BRL ug/L
07/07/1997	VOCs	Vinyl chloride	<0.5	BRL ug/L
07/07/1997	VOCs	Xylenes	<0.5	BRL ug/L
07/23/2001	Inorg & Field	Acid neutralizing capacity	142	142 mg/l CaCO3
07/23/2001	Inorg & Field	Air Temperature	32	32 °C
07/23/2001	Inorg & Field	Ammonia	<0.04	BRL mg/l as N
07/23/2001	Inorg & Field	Arsenic	2.4	2.4 ug/L
07/23/2001	Inorg & Field	Barium	21.7	21.7 ug/L
07/23/2001	Inorg & Field	Bicarbonate	170	170 mg/L
07/23/2001	Inorg & Field	Cadmium	0.04	0.04 ug/L
07/23/2001	Inorg & Field	Calcium	33.8	33.8 mg/L
07/23/2001	Inorg & Field	Carbonate	0	0 mg/L
07/23/2001	Inorg & Field	Chloride	14.7	14.7 mg/L
07/23/2001	Inorg & Field	Dissolved Oxygen	6.3	6.3 mg/L
07/23/2001	Inorg & Field	Fecal Coliform	<1	BRL col/100 ml
07/23/2001	Inorg & Field	Fluoride	0.5	0.5 mg/L
07/23/2001	Inorg & Field	Hardness	160	160 mg/L
07/23/2001	Inorg & Field	Iron	<10	BRL ug/L
07/23/2001	Inorg & Field	Magnesium	17.3	17.3 mg/L
07/23/2001	Inorg & Field	Manganese	<3	BRL ug/L
07/23/2001	Inorg & Field	Nitrate	1.22	1.22 mg/l as N
07/23/2001	Inorg & Field	Nitrite	<0.006	BRL mg/l as N
07/23/2001	Inorg & Field	pH	7.5	7.5 pH
07/23/2001	Inorg & Field	Phosphate	0.019	0.019 mg/l as P
07/23/2001	Inorg & Field	Potassium	3.9	3.9 mg/L
07/23/2001	Inorg & Field	Selenium	0.4	0.4 ug/L
07/23/2001	Inorg & Field	Silica	31.2	31.2 mg/L
07/23/2001	Inorg & Field	Sodium	19.8	19.8 mg/L
07/23/2001	Inorg & Field	Solids	243	243 mg/l
07/23/2001	Inorg & Field	Specific Conductance	401	401 uS/cm
07/23/2001	Inorg & Field	Sulfate	29.3	29.3 mg/L
07/23/2001	Inorg & Field	Water Temperature	14.9	14.9 °C
07/23/2001	N Isotope	15N Enrichment	7.45	7.45 %
07/23/2001	Pesticides (Immu)	Acetochlor	BRL	BRL ug/L
07/23/2001	Pesticides (Immu)	Alachlor	BRL	BRL ug/L
07/23/2001	Pesticides (Immu)	Aldicarb	BRL	BRL ug/L
07/23/2001	Pesticides (Immu)	Atrazine	BRL	BRL ug/L
07/23/2001	Pesticides (Immu)	Carbofuran	BRL	BRL ug/L
07/23/2001	Pesticides (Immu)	Metolachlor	BRL	BRL ug/L
07/23/2001	Pesticides (Immu)	Metribuzin	BRL	BRL ug/L
07/23/2001	VOCs	1,4-Dichlorobenzene	<0.5	BRL ug/L
07/23/2001	VOCs	Benzene	<0.5	BRL ug/L
07/23/2001	VOCs	Bromobenzene	<0.5	BRL ug/L
07/23/2001	VOCs	Bromoform	<0.5	BRL ug/L
07/23/2001	VOCs	Bromomethane	<0.5	BRL ug/L

	VOCs	Carbon Tetrachloride	<0.5	BRL ug/L
07/23/2001	VOCs	Chlorobenzene	<0.5	BRL ug/L
07/23/2001	VOCs	Chloroethane	<0.5	BRL ug/L
07/23/2001	VOCs	Chloroform	<0.5	BRL ug/L
07/23/2001	VOCs	Chloromethane	<0.5	BRL ug/L
07/23/2001	VOCs	Chlorotoluene-p	<0.5	BRL ug/L
07/23/2001	VOCs	Dibromochloromethane	<0.5	BRL ug/L
07/23/2001	VOCs	Dibromochloropropane (DBCP)	<0.5	BRL ug/L
07/23/2001	VOCs	Dibromoethane,1,2- (EDB)	<0.2	BRL ug/L
07/23/2001	VOCs	Dibromomethane	<0.5	BRL ug/L
07/23/2001	VOCs	Dichlorobenzene,1,2-	<0.5	BRL ug/L
07/23/2001	VOCs	Dichlorobenzene,1,3-	<0.5	BRL ug/L
07/23/2001	VOCs	Dichlorobromomethane	<0.5	BRL ug/L
07/23/2001	VOCs	Dichlorodifluoromethane	<0.5	BRL ug/L
07/23/2001	VOCs	Dichloroethane,1,1-	<0.5	BRL ug/L
07/23/2001	VOCs	Dichloroethane,1,2-	<0.5	BRL ug/L
07/23/2001	VOCs	Dichloroethene,1,1-	<0.5	BRL ug/L
07/23/2001	VOCs	Dichloroethene,1,2,cis-	<0.5	BRL ug/L
07/23/2001	VOCs	Dichloroethene,1,2,trans-	<0.5	BRL ug/L
07/23/2001	VOCs	Dichloropropane,1,2-	<0.5	BRL ug/L
07/23/2001	VOCs	Dichloropropane,1,3-	<0.5	BRL ug/L
07/23/2001	VOCs	Dichloropropane,2,2-	<0.5	BRL ug/L
07/23/2001	VOCs	Dichloropropene,1,1-	<0.5	BRL ug/L
07/23/2001	VOCs	Dichloropropene,e,z-1,3-	<0.5	BRL ug/L
07/23/2001	VOCs	Ethylbenzene	<0.5	BRL ug/L
07/23/2001	VOCs	Hexachlorobutadiene	<0.5	BRL ug/L
07/23/2001	VOCs	Isopropylbenzene	<0.5	BRL ug/L
07/23/2001	VOCs	Methyl tertiary butyl ether (MTBE)	<0.5	BRL ug/L
07/23/2001	VOCs	Methylene chloride	<0.5	BRL ug/L
07/23/2001	VOCs	Naphthalene	<0.5	BRL ug/L
07/23/2001	VOCs	n-Butylbenzene	<0.5	BRL ug/L
07/23/2001	VOCs	n-Propylbenzene	<0.5	BRL ug/L
07/23/2001	VOCs	o-Chlorotoluene	<0.5	BRL ug/L
07/23/2001	VOCs	p-Isopropyltoluene	<0.5	BRL ug/L
07/23/2001	VOCs	sec-Butylbenzene	<0.5	BRL ug/L
07/23/2001	VOCs	Styrene	<0.5	BRL ug/L
07/23/2001	VOCs	tert-Butylbenzene	<0.5	BRL ug/L
07/23/2001	VOCs	Tetrachloroethane,1,1,1,2-	<0.5	BRL ug/L
07/23/2001	VOCs	Tetrachloroethane,1,1,2,2-	<0.5	BRL ug/L
07/23/2001	VOCs	Tetrachloroethylene	<0.5	BRL ug/L
07/23/2001	VOCs	Toluene	<0.5	BRL ug/L
07/23/2001	VOCs	Trichlorobenzene,1,2,3-	<0.5	BRL ug/L
07/23/2001	VOCs	Trichlorobenzene,1,2,4-	<0.5	BRL ug/L
07/23/2001	VOCs	Trichloroethane,1,1,1-	<0.5	BRL ug/L
07/23/2001	VOCs	Trichloroethane,1,1,2-	<0.5	BRL ug/L
07/23/2001	VOCs	Trichloroethylene	<0.5	BRL ug/L
07/23/2001	VOCs	Trichlorofluoromethane	<0.5	BRL ug/L
07/23/2001	VOCs	Trichloropropane,1,2,3-	<0.5	BRL ug/L
07/23/2001	VOCs	Trimethylbenzene,1,2,4-	<0.5	BRL ug/L
07/23/2001	VOCs	Trimethylbenzene,1,3,5-	<0.5	BRL ug/L
07/23/2001	VOCs	Vinyl chloride	<0.5	BRL ug/L
07/23/2001	VOCs	Xylenes	<0.5	BRL ug/L
06/21/2006	Pesticides (Immu)	2,4-D	BRL	BRL ug/L
06/21/2006	Pesticides (Immu)	Alachlor	BRL	BRL ug/L
06/21/2006	Pesticides (Immu)	Atrazine	BRL	BRL ug/L
06/21/2006	Pesticides (Immu)	Metolachlor	BRL	BRL ug/L
06/21/2006	USGS Results	Air Temperature	19	19 °C
06/21/2006	USGS Results	Ammonia	<0.01	BRL mg/l as N
06/21/2006	USGS Results	Cadmium	<0.04	BRL ug/L
06/21/2006	USGS Results	Calcium	34	34 mg/L
06/21/2006	USGS Results	Chloride	14.4	14.4 mg/L
06/21/2006	USGS Results	Dissolved Oxygen	6.5	6.5 mg/L
06/21/2006	USGS Results	Fecal Coliform	<1	BRL col/100 ml
06/21/2006	USGS Results	Fluoride	0.51	0.51 mg/L
06/21/2006	USGS Results	Hardness	160	160 mg/L
06/21/2006	USGS Results	Iron	<6	BRL ug/L
06/21/2006	USGS Results	Magnesium	17.3	17.3 mg/L
06/21/2006	USGS Results	Manganese	<0.6	BRL ug/L
06/21/2006	USGS Results	Nitrate	1.31	1.31 mg/l as N
06/21/2006	USGS Results	Nitrite	<0.002	BRL mg/l as N

06/21/2006	USGS Results	pH	7.4	7.4 pH
06/21/2006	USGS Results	Phosphate	0.028	0.028 mg/l as P
06/21/2006	USGS Results	Potassium	3.67	3.67 mg/L
06/21/2006	USGS Results	Selenium	0.67	0.67 ug/L
06/21/2006	USGS Results	Silica	34.2	34.2 mg/L
06/21/2006	USGS Results	Sodium	19.5	19.5 mg/L
06/21/2006	USGS Results	Solids	247	247 mg/L
06/21/2006	USGS Results	Specific Conductance	402	402 uS/cm
06/21/2006	USGS Results	Sulfate	30.4	30.4 mg/L
06/21/2006	USGS Results	Water Temperature	14.9	14.9 °C

Legend**Results Codes:**

< below the laboratory reporting limit
 BRL below the laboratory reporting limit
 ND not detected
 E estimated
 IN indeterminate

Hardness Scale:

<75 mg/l	soft
75-150 mg/l	moderately hard
151-300 mg/l	hard
>300 mg/l	very hard

Unit Abbreviations:

ug/l micrograms per liter (parts per billion)
 mg/l milligrams per liter (parts per million)
 % parts per thousand
 uS/cm microSiemens per centimeter
 pCi/l picoCuries per liter
 ft feet
 °C degrees Celsius
 col/100 ml colonies per 100 milliliters

Miscellaneous:

IMMU means Immunoassay (enzyme) testing.

The data on these pages are maintained by [The Water Quality group](#) at the IDWR.

Idaho Department of Water Resources

322. E. Front Street

Telephone: (208) 287-4800

Boise, Idaho 83720-0098

FAX: (208) 287-6700

EXHIBIT 2214

Idaho Department of Water Resources

Technical Services Bureau

Statewide Groundwater Quality Monitoring Program

Station: 09S 14E 02BBBB1

Site ID: 424053114471901

Metal Tag #: A0008513

Well Characteristics

Legal: 09S 14E 2 NW NW NW

Latitude: 42° 40' 52" N

Longitude: 114° 47' 22" W

County: Gooding

Quad map: THOUSAND SPRINGS

Primary aquifer: 110SKRV

Altitude: 3225 ft.

Well Depth: 105 ft.

Depth to Water: 93.6 ft.

Casing Depth: 105 ft.

Depth to Aquifer: 86 ft.

Water Use: Domestic

Current Sampling Frequency: Discontinued

Sample years: 1994, 1998, and 2003.

The query returned 296 records.

Sample Date	Contents	Analyte	Reported Value	Numeric Value	Units
07/26/1994	Inorg & Field	Acid neutralizing capacity	164	164	mg/l CaCO ₃
07/26/1994	Inorg & Field	Air Temperature	30.0	30	°C
07/26/1994	Inorg & Field	Ammonia	<0.010	BRL	mg/l as N
07/26/1994	Inorg & Field	Arsenic	3	3	ug/L
07/26/1994	Inorg & Field	Bicarbonate	200	200	mg/L
07/26/1994	Inorg & Field	Cadmium	<1.0	BRL	ug/L
07/26/1994	Inorg & Field	Calcium	44	44	mg/L
07/26/1994	Inorg & Field	Carbonate	0	0	mg/L
07/26/1994	Inorg & Field	Chloride	33	33	mg/L
07/26/1994	Inorg & Field	Chromium	2	2	ug/L
07/26/1994	Inorg & Field	Copper	2	2	ug/L
07/26/1994	Inorg & Field	Cyanide	<0.01	BRL	mg/L
07/26/1994	Inorg & Field	Fecal Coliform	<1	BRL	col/100 ml
07/26/1994	Inorg & Field	Fluoride	0.60	0.6	mg/L
07/26/1994	Inorg & Field	Hardness	196	196	mg/L
07/26/1994	Inorg & Field	Iron	<3	BRL	ug/L
07/26/1994	Inorg & Field	Lead	<1	BRL	ug/L
07/26/1994	Inorg & Field	Magnesium	21	21	mg/L
07/26/1994	Inorg & Field	Manganese	<1	BRL	ug/L
07/26/1994	Inorg & Field	Nitrate	3.50	3.5	mg/l as N
07/26/1994	Inorg & Field	Nitrite	<0.010	BRL	mg/l as N
07/26/1994	Inorg & Field	pH	7.6	7.6	pH
07/26/1994	Inorg & Field	Phosphate	0.020	0.02	mg/l as P
07/26/1994	Inorg & Field	Potassium	4.6	4.6	mg/L
07/26/1994	Inorg & Field	Selenium	<1	BRL	ug/L
07/26/1994	Inorg & Field	Silica	35	35	mg/L
07/26/1994	Inorg & Field	Sodium	24	24	mg/L
07/26/1994	Inorg & Field	Solids	323	323	mg/L
07/26/1994	Inorg & Field	Specific Conductance	533	533	uS/cm
07/26/1994	Inorg & Field	Sulfate	47	47	mg/L
07/26/1994	Inorg & Field	Water Temperature	14.9	14.9	°C
07/26/1994	Inorg & Field	Zinc	13	13	ug/L
07/26/1994	Pesticides (Immu)	2,4-D	BRL	BRL	ug/L
07/26/1994	Pesticides (Immu)	Alachlor	BRL	BRL	ug/L
07/26/1994	Pesticides (Immu)	Aldicarb	BRL	BRL	ug/L
07/26/1994	Pesticides (Immu)	Atrazine	BRL	BRL	ug/L
07/26/1994	Pesticides (Immu)	Carbofuran	BRL	BRL	ug/L
07/26/1994	Pesticides (Immu)	Cyanazine	BRL	BRL	ug/L
07/26/1994	Pesticides (Immu)	Metolachlor	BRL	BRL	ug/L
07/26/1994	Pesticides (Immu)	Nitrate	BRL	BRL	ug/L as N

07/26/1994	Radiochem	Alpha, Gross (as Americium)	3.2 ± 2.9	3.2 pCi/l
07/26/1994	Radiochem	Beta, Gross	4.2 ± 2.3	4.2 pCi/l
07/26/1994	VOCs	1,4-Dichlorobenzene	<0.5	BRL ug/L
07/26/1994	VOCs	Benzene	<0.5	BRL ug/L
07/26/1994	VOCs	Bromobenzene	<0.5	BRL ug/L
07/26/1994	VOCs	Bromoform	<0.5	BRL ug/L
07/26/1994	VOCs	Bromomethane	<0.5	BRL ug/L
07/26/1994	VOCs	Butylbenzene, n-	<0.5	BRL ug/L
07/26/1994	VOCs	Butylbenzene, -sec	<0.5	BRL ug/L
07/26/1994	VOCs	Carbon Tetrachloride	<0.5	BRL ug/L
07/26/1994	VOCs	Chlorobenzene	<0.5	BRL ug/L
07/26/1994	VOCs	Chloroethane	<0.5	BRL ug/L
07/26/1994	VOCs	Chloroform	<0.5	BRL ug/L
07/26/1994	VOCs	Chlorotoluene-p	<0.5	BRL ug/L
07/26/1994	VOCs	Dibromochloromethane	<0.5	BRL ug/L
07/26/1994	VOCs	Dibromochloropropane (DBCP)	<0.5	BRL ug/L
07/26/1994	VOCs	Dibromoethane,1,2- (EDB)	<0.2	BRL ug/L
07/26/1994	VOCs	Dibromomethane	<0.5	BRL ug/L
07/26/1994	VOCs	Dichlorobenzene,1,2-	<0.5	BRL ug/L
07/26/1994	VOCs	Dichlorobenzene,1,3-	<0.5	BRL ug/L
07/26/1994	VOCs	Dichlorobromomethane	<0.5	BRL ug/L
07/26/1994	VOCs	Dichlorodifluoromethane	<0.5	BRL ug/L
07/26/1994	VOCs	Dichloroethane,1,1-	<0.5	BRL ug/L
07/26/1994	VOCs	Dichloroethane,1,2,cis-	<0.5	BRL ug/L
07/26/1994	VOCs	Dichloroethane,1,2,trans-	<0.5	BRL ug/L
07/26/1994	VOCs	Dichloropropane,1,2-	<0.5	BRL ug/L
07/26/1994	VOCs	Dichloropropane,1,3-	<0.5	BRL ug/L
07/26/1994	VOCs	Dichloropropane,2,2-	<0.5	BRL ug/L
07/26/1994	VOCs	Dichloropropene,1,1-	<0.5	BRL ug/L
07/26/1994	VOCs	Dichloropropene,1,3 cis-	<0.5	BRL ug/L
07/26/1994	VOCs	Ethylbenzene	<0.5	BRL ug/L
07/26/1994	VOCs	Hexachlorobutadiene	<0.5	BRL ug/L
07/26/1994	VOCs	Isodurene	<0.5	BRL ug/L
07/26/1994	VOCs	Isopropylbenzene	<0.5	BRL ug/L
07/26/1994	VOCs	Methylene chloride	<0.5	BRL ug/L
07/26/1994	VOCs	Naphthalene	<0.5	BRL ug/L
07/26/1994	VOCs	o-Chlorotoluene	<0.5	BRL ug/L
07/26/1994	VOCs	Paraldehyde	<0.5	BRL ug/L
07/26/1994	VOCs	Styrene	<0.5	BRL ug/L
07/26/1994	VOCs	Tetrachloroethane,1,1,1,2-	<0.5	BRL ug/L
07/26/1994	VOCs	Tetrachloroethane,1,1,2,2-	<0.5	BRL ug/L
07/26/1994	VOCs	Tetrachloroethylene	<0.5	BRL ug/L
07/26/1994	VOCs	Tetralin	<0.5	BRL ug/L
07/26/1994	VOCs	Toluene	<0.5	BRL ug/L
07/26/1994	VOCs	Toluene, 2-Isopropyl-	<0.5	BRL ug/L
07/26/1994	VOCs	Trichlorobenzene,1,2,3-	<0.5	BRL ug/L
07/26/1994	VOCs	Trichlorobenzene,1,2,4-	<0.5	BRL ug/L
07/26/1994	VOCs	Trichloroethane,1,1,1-	<0.5	BRL ug/L
07/26/1994	VOCs	Trichloroethane,1,1,2-	<0.5	BRL ug/L
07/26/1994	VOCs	Trichloroethylene	<0.5	BRL ug/L
07/26/1994	VOCs	Trichlorofluoromethane	<0.5	BRL ug/L
07/26/1994	VOCs	Trichloropropane	<0.5	BRL ug/L
07/26/1994	VOCs	Trimethylbenzene,1,2,4-	<0.5	BRL ug/L
07/26/1994	VOCs	TRIMETHYLBENZENE,1,3,5-	<0.5	BRL ug/L
07/26/1994	VOCs	Vinyl chloride	<0.5	BRL ug/L
07/26/1994	VOCs	Xylenes	<0.5	BRL ug/L
07/27/1998	Inorg & Field	Acid neutralizing capacity	146	146 mg/l CaCO3
07/27/1998	Inorg & Field	Air Temperature	33.0	33 °C
07/27/1998	Inorg & Field	Ammonia	.043	0.043 mg/l as N
07/27/1998	Inorg & Field	Arsenic	2	2 ug/L
07/27/1998	Inorg & Field	Bicarbonate	180	180 mg/L
07/27/1998	Inorg & Field	Cadmium	<1.0	BRL ug/L
07/27/1998	Inorg & Field	Calcium	41	41 mg/L
07/27/1998	Inorg & Field	Carbonate	0	0 mg/L
07/27/1998	Inorg & Field	Chloride	27	27 mg/L
07/27/1998	Inorg & Field	Chromium	2.4	2.4 ug/L
07/27/1998	Inorg & Field	Copper	17	17 ug/L

07/27/1998	Inorg & Field	Fecal Coliform	<1	BRL col/100 ml
07/27/1998	Inorg & Field	Fluoride	.66	0.66 mg/L
07/27/1998	Inorg & Field	Hardness	180	180 mg/L
07/27/1998	Inorg & Field	Iron	<10	BRL ug/L
07/27/1998	Inorg & Field	Lead	<1.0	BRL ug/L
07/27/1998	Inorg & Field	Magnesium	19	19 mg/L
07/27/1998	Inorg & Field	Manganese	<4.0	BRL ug/L
07/27/1998	Inorg & Field	Nitrate	1.48	1.48 mg/l as N
07/27/1998	Inorg & Field	Nitrite	<0.010	BRL mg/l as N
07/27/1998	Inorg & Field	pH	7.4	7.4 pH
07/27/1998	Inorg & Field	Phosphate	.022	0.022 mg/l as P
07/27/1998	Inorg & Field	Potassium	4.0	4 mg/L
07/27/1998	Inorg & Field	Selenium	<1	BRL ug/L
07/27/1998	Inorg & Field	Silica	34	34 mg/L
07/27/1998	Inorg & Field	Sodium	23	23 mg/L
07/27/1998	Inorg & Field	Solids	282	282 mg/L
07/27/1998	Inorg & Field	Specific Conductance	470	470 uS/cm
07/27/1998	Inorg & Field	Sulfate	39	39 mg/L
07/27/1998	Inorg & Field	Water Temperature	14.8	14.8 °C
07/27/1998	Inorg & Field	Zinc	54	54 ug/L
07/27/1998	Pesticides (lmmu)	2,4-D	BRL	BRL ug/L
07/27/1998	Pesticides (lmmu)	Alachlor	BRL	BRL ug/L
07/27/1998	Pesticides (lmmu)	Aldicarb	BRL	BRL ug/L
07/27/1998	Pesticides (lmmu)	Atrazine	BRL	BRL ug/L
07/27/1998	Pesticides (lmmu)	Carbofuran	BRL	BRL ug/L
07/27/1998	Pesticides (lmmu)	Chlorpyrifos	BRL	BRL ug/L
07/27/1998	Pesticides (lmmu)	Cyanazine	BRL	BRL ug/L
07/27/1998	Pesticides (lmmu)	Metolachlor	BRL	BRL ug/L
07/27/1998	Pesticides (lmmu)	Metribuzin	BRL	BRL ug/L
07/27/1998	Pesticides (lmmu)	Simazine	BRL	BRL ug/L
07/27/1998	Radiochem	Alpha, Gross (as Thorium)	3.3 ± 3.0	3.3 pCi/l
07/27/1998	Radiochem	Beta, Gross	3.6 ± 1.6	3.583 pCi/l
07/27/1998	VOCs	1,4-Dichlorobenzene	<0.5	BRL ug/L
07/27/1998	VOCs	Benzene	<0.5	BRL ug/L
07/27/1998	VOCs	Bromobenzene	<0.5	BRL ug/L
07/27/1998	VOCs	Bromoform	<0.5	BRL ug/L
07/27/1998	VOCs	Bromomethane	<0.5	BRL ug/L
07/27/1998	VOCs	Butylbenzene, n-	<0.5	BRL ug/L
07/27/1998	VOCs	Butylbenzene, -sec	<0.5	BRL ug/L
07/27/1998	VOCs	Carbon Tetrachloride	<0.5	BRL ug/L
07/27/1998	VOCs	Chlorobenzene	<0.5	BRL ug/L
07/27/1998	VOCs	Chloroethane	<0.5	BRL ug/L
07/27/1998	VOCs	Chloroform	<0.5	BRL ug/L
07/27/1998	VOCs	Chlorotoluene-p	<0.5	BRL ug/L
07/27/1998	VOCs	Dibromochloromethane	<0.5	BRL ug/L
07/27/1998	VOCs	Dibromochloropropane (DBCP)	<0.5	BRL ug/L
07/27/1998	VOCs	Dibromoethane, 1,2- (EDB)	<0.2	BRL ug/L
07/27/1998	VOCs	Dibromomethane	<0.5	BRL ug/L
07/27/1998	VOCs	Dichlorobenzene,1,2-	<0.5	BRL ug/L
07/27/1998	VOCs	Dichlorobenzene,1,3-	<0.5	BRL ug/L
07/27/1998	VOCs	Dichlorobromomethane	<0.5	BRL ug/L
07/27/1998	VOCs	Dichlorodifluoromethane	<0.5	BRL ug/L
07/27/1998	VOCs	Dichloroethane,1,1-	<0.5	BRL ug/L
07/27/1998	VOCs	Dichloroethane,1,2-	<0.5	BRL ug/L
07/27/1998	VOCs	Dichloroethene,1,1-	<0.5	BRL ug/L
07/27/1998	VOCs	Dichloroethene,1,2,cis-	<0.5	BRL ug/L
07/27/1998	VOCs	Dichloroethene,1,2,trans-	<0.5	BRL ug/L
07/27/1998	VOCs	Dichloropropane,1,2-	<0.5	BRL ug/L
07/27/1998	VOCs	Dichloropropane,1,3-	<0.5	BRL ug/L
07/27/1998	VOCs	Dichloropropane,1,3-	<0.5	BRL ug/L
07/27/1998	VOCs	Dichloropropane,2,2-	<0.5	BRL ug/L
07/27/1998	VOCs	Dichloropropene,1,1-	<0.5	BRL ug/L
07/27/1998	VOCs	Ethylbenzene	<0.5	BRL ug/L
07/27/1998	VOCs	Hexachlorobutadiene	<0.5	BRL ug/L
07/27/1998	VOCs	Isodurene	<0.5	BRL ug/L
07/27/1998	VOCs	Isopropylbenzene	<0.5	BRL ug/L
07/27/1998	VOCs	Methyl tertiary butyl ether (MTBE)	<0.5	BRL ug/L
07/27/1998	VOCs	Methylene chloride	<0.5	BRL ug/L
07/27/1998	VOCs	Naphthalene	<0.5	BRL ug/L

	VOCs	o-Chlorotoluene	<0.5	BRL ug/L
07/27/1998	VOCs	Paraldehyde	<0.5	BRL ug/L
07/27/1998	VOCs	Styrene	<0.5	BRL ug/L
07/27/1998	VOCs	Tetrachloroethane,1,1,1,2-	<0.5	BRL ug/L
07/27/1998	VOCs	Tetrachloroethane,1,1,2,2-	<0.5	BRL ug/L
07/27/1998	VOCs	Tetrachloroethylene	<0.5	BRL ug/L
07/27/1998	VOCs	Tetralin	<0.5	BRL ug/L
07/27/1998	VOCs	Toluene	<0.5	BRL ug/L
07/27/1998	VOCs	Toluene, 2-Isopropyl-	<0.5	BRL ug/L
07/27/1998	VOCs	Trichlorobenzene,1,2,3-	<0.5	BRL ug/L
07/27/1998	VOCs	Trichlorobenzene,1,2,4-	<0.5	BRL ug/L
07/27/1998	VOCs	Trichloroethane,1,1,1-	<0.5	BRL ug/L
07/27/1998	VOCs	Trichloroethane,1,1,2-	<0.5	BRL ug/L
07/27/1998	VOCs	Trichloroethylene	<0.5	BRL ug/L
07/27/1998	VOCs	Trichlorofluoromethane	<0.5	BRL ug/L
07/27/1998	VOCs	Trichloropropane	<0.5	BRL ug/L
07/27/1998	VOCs	Trimethylbenzene,1,2,4-	<0.5	BRL ug/L
07/27/1998	VOCs	TRIMETHYLBENZENE,1,3,5-	<0.5	BRL ug/L
07/27/1998	VOCs	Vinyl chloride	<0.5	BRL ug/L
07/27/1998	VOCs	Xylenes	<0.5	BRL ug/L
06/18/2003	Hormones	3-beta-Coprostanol	<2	BRL ug/l
06/18/2003	Hormones	beta-Sitosterol	<2	BRL ug/l
06/18/2003	Hormones	beta-Stigmastanol	<2	BRL ug/l
06/18/2003	Hormones	Cholesterol	<2	BRL ug/l
06/18/2003	Hormones (Immu)	Estradiol	BRL	BRL ug/L
06/18/2003	Inorg & Field	Acid neutralizing capacity	137	137 mg/l CaCO3
06/18/2003	Inorg & Field	Air Temperature	33	33 °C
06/18/2003	Inorg & Field	Ammonia	<0.04	BRL mg/l as N
06/18/2003	Inorg & Field	Arsenic	2.21	2.21 ug/L
06/18/2003	Inorg & Field	Barium	29.3	29.3 ug/L
06/18/2003	Inorg & Field	Bicarbonate	176	176 mg/L
06/18/2003	Inorg & Field	Cadmium	<0.037	BRL ug/L
06/18/2003	Inorg & Field	Calcium	41	41 mg/L
06/18/2003	Inorg & Field	Carbonate	0	0 mg/L
06/18/2003	Inorg & Field	Chloride	32.3	32.3 mg/L
06/18/2003	Inorg & Field	Dissolved Oxygen	6.3	6.3 mg/L
06/18/2003	Inorg & Field	Fecal Coliform	<1	BRL col/100 ml
06/18/2003	Inorg & Field	Fluoride	0.64	0.64 mg/L
06/18/2003	Inorg & Field	Hardness	180	180 mg/L
06/18/2003	Inorg & Field	Iron	<8	BRL ug/L
06/18/2003	Inorg & Field	Magnesium	18.2	18.2 mg/L
06/18/2003	Inorg & Field	Manganese	E0.3	0.3 ug/L
06/18/2003	Inorg & Field	Nitrate	1.11	1.11 mg/l as N
06/18/2003	Inorg & Field	Nitrite	<0.008	BRL mg/l as N
06/18/2003	Inorg & Field	pH	7.5	7.5 pH
06/18/2003	Inorg & Field	Phosphate	E0.01	0.01 mg/l as P
06/18/2003	Inorg & Field	Potassium	3.7	3.7 mg/L
06/18/2003	Inorg & Field	Selenium	0.64	0.64 ug/L
06/18/2003	Inorg & Field	Silica	33	33 mg/L
06/18/2003	Inorg & Field	Sodium	23.6	23.6 mg/L
06/18/2003	Inorg & Field	Solids	287	287 mg/L
06/18/2003	Inorg & Field	Specific Conductance	476	476 uS/cm
06/18/2003	Inorg & Field	Sulfate	41	41 mg/L
06/18/2003	Inorg & Field	Water Temperature	16.1	16.1 °C
06/18/2003	Pesticides (Immu)	Aalachlor	BRL	BRL ug/L
06/18/2003	Pesticides (Immu)	Atrazine	BRL	BRL ug/L
06/18/2003	Pesticides (Immu)	Metolachlor	BRL	BRL ug/L
06/18/2003	Wastewater	1,4-Dichlorobenzene	<0.5	BRL ug/l
06/18/2003	Wastewater	1-Methylnaphthalene	<0.5	BRL ug/l
06/18/2003	Wastewater	2,6-Dimethylnaphthalene	<0.5	BRL ug/l
06/18/2003	Wastewater	2-Methylnaphthalene	<0.5	BRL ug/l
06/18/2003	Wastewater	3-Methyl-1H-indole	<1	BRL ug/l
06/18/2003	Wastewater	3-tert-Butyl-4-hydroxyanisole	<5	BRL ug/l
06/18/2003	Wastewater	4-Cumylphenol	<1	BRL ug/l
06/18/2003	Wastewater	4-Nonylphenol	<5	BRL ug/l
06/18/2003	Wastewater	4-Octylphenol	<1	BRL ug/l
06/18/2003	Wastewater	4-tert-Octylphenol	<1	BRL ug/l
06/18/2003	Wastewater	5-Methyl-1H-benzotriazole	<2	BRL ug/l
06/18/2003	Wastewater	9,10-Anthraquinone	<0.5	BRL ug/l
06/18/2003	Wastewater	Acetophenone	<0.5	BRL ug/l

	Wastewater	Acetyl hexamethyl tetrahydro naphthalene	<0.5	BRL ug/l
06/18/2003	Wastewater	Anthracene	<0.5	BRL ug/l
06/18/2003	Wastewater	Atrazine, desethyl	<0.5	BRL ug/l
06/18/2003	Wastewater	Benzo[a]pyrene	<0.5	BRL ug/l
06/18/2003	Wastewater	Benzophenone	<0.5	BRL ug/l
06/18/2003	Wastewater	Bisphenol A	<1	BRL ug/l
06/18/2003	Wastewater	Bromacil	<0.5	BRL ug/l
06/18/2003	Wastewater	Bromoform	<0.5	BRL ug/l
06/18/2003	Wastewater	Caffeine	<0.5	BRL ug/l
06/18/2003	Wastewater	Camphor	<0.5	BRL ug/l
06/18/2003	Wastewater	Carbaryl (Sevin)	<1	BRL ug/l
06/18/2003	Wastewater	Carbazole	<0.5	BRL ug/l
06/18/2003	Wastewater	Chlorpyrifos	<0.5	BRL ug/l
06/18/2003	Wastewater	Cotinine	<1	BRL ug/l
06/18/2003	Wastewater	Diazinon	<0.5	BRL ug/l
06/18/2003	Wastewater	Dichlorvos	<1	BRL ug/l
06/18/2003	Wastewater	Diethoxynonylphenol	<5	BRL ug/l
06/18/2003	Wastewater	Diethoxyoctylphenol	<1	BRL ug/l
06/18/2003	Wastewater	D-Limonene	<0.5	BRL ug/l
06/18/2003	Wastewater	Ethoxyoctylphenol	<1	BRL ug/l
06/18/2003	Wastewater	Fluoranthene	<0.5	BRL ug/l
06/18/2003	Wastewater	Hexahydrohexamethyl cyclopentabenzopyran	<0.5	BRL ug/l
06/18/2003	Wastewater	Indole	<0.5	BRL ug/l
06/18/2003	Wastewater	Isoborneol	<0.5	BRL ug/l
06/18/2003	Wastewater	Isophorone	<0.5	BRL ug/l
06/18/2003	Wastewater	Isopropylbenzene	<0.5	BRL ug/l
06/18/2003	Wastewater	Isoquinoline	<0.5	BRL ug/l
06/18/2003	Wastewater	Menthol	<0.5	BRL ug/l
06/18/2003	Wastewater	Metalaxyl	<0.5	BRL ug/l
06/18/2003	Wastewater	Methyl salicylate	<0.5	BRL ug/l
06/18/2003	Wastewater	Metolachlor	<0.5	BRL ug/l
06/18/2003	Wastewater	Naphthalene	<0.5	BRL ug/l
06/18/2003	Wastewater	p-Cresol	<1	BRL ug/l
06/18/2003	Wastewater	Pentachlorophenol (PCP)	<2	BRL ug/l
06/18/2003	Wastewater	Phenanthrene	<0.5	BRL ug/l
06/18/2003	Wastewater	Phenol	<0.5	BRL ug/l
06/18/2003	Wastewater	Prometon	<0.5	BRL ug/l
06/18/2003	Wastewater	Pyrene	<0.5	BRL ug/l
06/18/2003	Wastewater	Tetrachloroethylene	<0.5	BRL ug/l
06/18/2003	Wastewater	Tributyl phosphate	<0.5	BRL ug/l
06/18/2003	Wastewater	Triclosan	<1	BRL ug/l
06/18/2003	Wastewater	Triethyl citrate	<0.5	BRL ug/l
06/18/2003	Wastewater	Triphenyl phosphate	<0.5	BRL ug/l
06/18/2003	Wastewater	Tris(2-butoxyethyl) phosphate	<0.5	BRL ug/l
06/18/2003	Wastewater	Tris(2-chloroethyl) phosphate	<0.5	BRL ug/l
06/18/2003	Wastewater	Tris(dichloroisopropyl) phosphate	<0.5	BRL ug/l

Legend**Results Codes:**

<	below the laboratory reporting limit
BRL	below the laboratory reporting limit
ND	not detected
E	estimated
IN	indeterminate

Hardness Scale:

<75 mg/l	soft
75-150 mg/l	moderately hard
151-300 mg/l	hard
>300 mg/l	very hard

Unit Abbreviations:

ug/l	micrograms per liter (parts per billion)
mg/l	milligrams per liter (parts per million)
%	parts per thousand
uS/cm	microSiemens per centimeter
pCi/l	picoCuries per liter
ft	feet
°C	degrees Celsius
col/100 ml	colonies per 100 milliliters

Miscellaneous:

IMMU means Immunoassay (enzyme) testing.

The data on these pages are maintained by [The Water Quality group](#) at the IDWR.

Idaho Department of Water Resources

322. E. Front Street

Boise, Idaho 83720-0098

Telephone: (208) 287-4800

FAX: (208) 287-6700

EXHIBIT 2215

**Statewide Groundwater Quality Monitoring Program**

Station: 08S 15E 33ABB1 Site ID: 424138114420801
Metal Tag #: A0009144

Well Characteristics

Legal: 08S 15E 33 NW NW NE	Altitude: 3330 ft.
Latitude: 42° 41' 38" N	Well Depth: 126 ft.
Longitude: 114° 42' 10" W	Depth to Water: 79.9 ft.
County: Gooding	Casing Depth: 19 ft.
Quad map: NIAGARA SPRINGS	Depth to Aquifer: 80 ft.
Primary aquifer: 110SKRV	Water Use: Domestic

Current Sampling Frequency: Once Every 5 Years

Sample years: 1991, 1995, 1999, and 2004.

The query returned 362 records.

Sample Date	Contents	Analyte	Reported Value	Numeric Value	Units
08/28/1991	Inorg & Field	Acid neutralizing capacity	160	160	mg/l CaCO3
08/28/1991	Inorg & Field	Ammonia	<0.010	BRL	mg/l as N
08/28/1991	Inorg & Field	Arsenic	2	2	ug/L
08/28/1991	Inorg & Field	Bicarbonate	195	195	mg/L
08/28/1991	Inorg & Field	Cadmium	<1.0	BRL	ug/L
08/28/1991	Inorg & Field	Calcium	50	50	mg/L
08/28/1991	Inorg & Field	Carbonate	0	0	mg/L
08/28/1991	Inorg & Field	Chloride	40	40	mg/L
08/28/1991	Inorg & Field	Chromium	2	2	ug/L
08/28/1991	Inorg & Field	Copper	1	1	ug/L
08/28/1991	Inorg & Field	Cyanide	<0.01	BRL	mg/L
08/28/1991	Inorg & Field	Fecal Coliform	<1	BRL	col/100 ml
08/28/1991	Inorg & Field	Fluoride	0.60	0.6	mg/L
08/28/1991	Inorg & Field	Hardness	211	211	mg/L
08/28/1991	Inorg & Field	Iron	7	7	ug/L
08/28/1991	Inorg & Field	Lead	<1	BRL	ug/L
08/28/1991	Inorg & Field	Magnesium	21	21	mg/L
08/28/1991	Inorg & Field	Manganese	<1	BRL	ug/L
08/28/1991	Inorg & Field	Mercury	<0.1	BRL	ug/L
08/28/1991	Inorg & Field	Nitrate	1.80	1.8	mg/l as N
08/28/1991	Inorg & Field	pH	7.75	7.75	pH
08/28/1991	Inorg & Field	Phosphate	0.020	0.02	mg/l as P
08/28/1991	Inorg & Field	Potassium	4.4	4.4	mg/L
08/28/1991	Inorg & Field	Selenium	<1	BRL	ug/L
08/28/1991	Inorg & Field	Silica	35	35	mg/L
08/28/1991	Inorg & Field	Sodium	26	26	mg/L
08/28/1991	Inorg & Field	Solids	328	328	mg/L
08/28/1991	Inorg & Field	Specific Conductance	535	535	uS/cm
08/28/1991	Inorg & Field	Sulfate	48	48	mg/L
08/28/1991	Inorg & Field	Water Temperature	14.2	14.2	°C
08/28/1991	Inorg & Field	Zinc	98	98	ug/L
08/28/1991	Radiochem	Alpha, Gross (as Americium)	0 ± 2	0	pCi/l
08/28/1991	Radiochem	Beta, Gross	6.7 ± 2.5	6.7	pCi/l
08/28/1991	VOCs	1,4-Dichlorobenzene	<0.21	BRL	ug/L
08/28/1991	VOCs	1-ethyl-2,4-dimethylbenzene	<0.22	BRL	ug/L
08/28/1991	VOCs	Benzene	<0.10	BRL	ug/L
08/28/1991	VOCs	Bromobenzene	<0.14	BRL	ug/L
08/28/1991	VOCs	Bromoform	<0.01	BRL	ug/L
08/28/1991	VOCs	Bromomethane	<0.20	BRL	ug/L
08/28/1991	VOCs	Bromomethane	<0.19	BRL	ug/L

08/28/1991	VOCs	Butylbenzene, n-	<0.14	BRL ug/L
08/28/1991	VOCs	Butylbenzene, -sec	<0.16	BRL ug/L
08/28/1991	VOCs	Carbon Tetrachloride	<0.17	BRL ug/L
08/28/1991	VOCs	Chlorobenzene	<0.09	BRL ug/L
08/28/1991	VOCs	Chloroethane	<0.13	BRL ug/L
08/28/1991	VOCs	Chloroform	<0.10	BRL ug/L
08/28/1991	VOCs	Chlorotoluene-p	<0.07	BRL ug/L
08/28/1991	VOCs	Dibromochloromethane	<0.11	BRL ug/L
08/28/1991	VOCs	Dibromochloropropane (DBCP)	<0.2	BRL ug/L
08/28/1991	VOCs	Dibromoethane,1,2- (EDB)	<0.17	BRL ug/L
08/28/1991	VOCs	Dibromomethane	<0.07	BRL ug/L
08/28/1991	VOCs	Dichlorobenzene,1,2-	<0.17	BRL ug/L
08/28/1991	VOCs	Dichlorobenzene,1,3-	<0.19	BRL ug/L
08/28/1991	VOCs	Dichlorobromomethane	<0.16	BRL ug/L
08/28/1991	VOCs	Dichlorodifluoromethane	<0.29	BRL ug/L
08/28/1991	VOCs	Dichloroethane,1,1-	<0.12	BRL ug/L
08/28/1991	VOCs	Dichloroethane,1,2-	<0.12	BRL ug/L
08/28/1991	VOCs	Dichloroethene,1,1-	<0.26	BRL ug/L
08/28/1991	VOCs	Dichloroethene,1,2,cis-	<0.05	BRL ug/L
08/28/1991	VOCs	Dichloroethene,1,2,trans-	<0.17	BRL ug/L
08/28/1991	VOCs	Dichloropropene,1,2-	<0.12	BRL ug/L
08/28/1991	VOCs	Dichloropropene,1,3-	<0.02	BRL ug/L
08/28/1991	VOCs	Dichloropropene,2,2-	BRL	BRL ug/L
08/28/1991	VOCs	Dichloropropene,1,1-	<0.05	BRL ug/L
08/28/1991	VOCs	Dichloropropene,1,3 cis-	<0.15	BRL ug/L
08/28/1991	VOCs	Dichloropropene,1,3 trans-	<0.20	BRL ug/L
08/28/1991	VOCs	Ethylbenzene	<0.09	BRL ug/L
08/28/1991	VOCs	Ethylbenzene, 2,3-Dimethyl-	<0.11	BRL ug/L
08/28/1991	VOCs	Hexachlorobutadiene	<0.09	BRL ug/L
08/28/1991	VOCs	Isodurene	<0.15	BRL ug/L
08/28/1991	VOCs	Isopropylbenzene	<0.14	BRL ug/L
08/28/1991	VOCs	Methylene chloride	<0.14	BRL ug/L
08/28/1991	VOCs	Naphthalene	<0.05	BRL ug/L
08/28/1991	VOCs	o-Chlorotoluene	<0.04	BRL ug/L
08/28/1991	VOCs	Paraldehyde	<0.16	BRL ug/L
08/28/1991	VOCs	Styrene	<0.08	BRL ug/L
08/28/1991	VOCs	Tetrachloroethane,1,1,1,2-	BRL	BRL ug/L
08/28/1991	VOCs	Tetrachloroethane,1,1,2,2-	<0.28	BRL ug/L
08/28/1991	VOCs	Tetrachloroethylene	<0.31	BRL ug/L
08/28/1991	VOCs	Tetralin	<0.1	BRL ug/L
08/28/1991	VOCs	Toluene	<0.05	BRL ug/L
08/28/1991	VOCs	Toluene, 2-Isopropyl-	<0.13	BRL ug/L
08/28/1991	VOCs	Trichlorobenzene,1,2,3-	<0.06	BRL ug/L
08/28/1991	VOCs	Trichlorobenzene,1,2,4-	<0.08	BRL ug/L
08/28/1991	VOCs	Trichloroethane,1,1,1-	<0.12	BRL ug/L
08/28/1991	VOCs	Trichloroethane,1,1,2-	<0.04	BRL ug/L
08/28/1991	VOCs	Trichloroethylene	<0.16	BRL ug/L
08/28/1991	VOCs	Trichlorofluoromethane	<0.34	BRL ug/L
08/28/1991	VOCs	Trichloropropene	<0.02	BRL ug/L
08/28/1991	VOCs	Trimethylbenzene,1,2,4-	<0.10	BRL ug/L
08/28/1991	VOCs	TRIMETHYLBENZENE,1,3,5-	<0.11	BRL ug/L
08/28/1991	VOCs	Vinyl chloride	<0.52	BRL ug/L
07/06/1995	Inorg & Field	Acid neutralizing capacity	158	158 mg/l CaCO3
07/06/1995	Inorg & Field	Air Temperature	26.0	26 °C
07/06/1995	Inorg & Field	Ammonia	0.050	0.05 mg/l as N
07/06/1995	Inorg & Field	Arsenic	2	2 ug/L
07/06/1995	Inorg & Field	Bicarbonate	193	193 mg/L
07/06/1995	Inorg & Field	Cadmium	<1.0	BRL ug/L
07/06/1995	Inorg & Field	Calcium	51	51 mg/L
07/06/1995	Inorg & Field	Carbonate	0	0 mg/L
07/06/1995	Inorg & Field	Chloride	41	41 mg/L
07/06/1995	Inorg & Field	Chromium	2	2 ug/L
07/06/1995	Inorg & Field	Copper	2	2 ug/L
07/06/1995	Inorg & Field	Fecal Coliform	<1	BRL col/100 ml
07/06/1995	Inorg & Field	Fluoride	0.60	0.6 mg/L
07/06/1995	Inorg & Field	Hardness	214	214 mg/L
07/06/1995	Inorg & Field	Iron	<3	BRL ug/L
07/06/1995	Inorg & Field	Lead	<1	BRL ug/L
07/06/1995	Inorg & Field	Magnesium	21	21 mg/L
07/06/1995	Inorg & Field	Manganese	<1	BRL ug/L

07/06/1995	Inorg & Field	Nitrate	2.10	2.1 mg/l as N
07/06/1995	Inorg & Field	Nitrite	<0.010	BRL mg/l as N
07/06/1995	Inorg & Field	pH	7.75	7.75 pH
07/06/1995	Inorg & Field	Phosphate	0.040	0.04 mg/l as P
07/06/1995	Inorg & Field	Potassium	4.4	4.4 mg/L
07/06/1995	Inorg & Field	Selenium	<1	BRL ug/L
07/06/1995	Inorg & Field	Silica	33	33 mg/L
07/06/1995	Inorg & Field	Sodium	26	26 mg/L
07/06/1995	Inorg & Field	Solids	330	330 mg/L
07/06/1995	Inorg & Field	Specific Conductance	566	566 uS/cm
07/06/1995	Inorg & Field	Sulfate	49	49 mg/L
07/06/1995	Inorg & Field	Water Temperature	14.3	14.3 °C
07/06/1995	Inorg & Field	Zinc	60	60 ug/L
07/06/1995	Pesticides	Alachlor	<0.002	BRL ug/L
07/06/1995	Pesticides	Atrazine	0.0130	0.013 ug/L
07/06/1995	Pesticides	Atrazine, desethyl	0.003	0.003 ug/L
07/06/1995	Pesticides	Benefin	<0.002	BRL ug/L
07/06/1995	Pesticides	BHC, alpha-	<0.002	BRL ug/L
07/06/1995	Pesticides	BHC, gamma- (Lindane)	<0.004	BRL ug/L
07/06/1995	Pesticides	Carbaryl (Sevin)	<0.003	BRL ug/L
07/06/1995	Pesticides	Carbofuran	<0.003	BRL ug/L
07/06/1995	Pesticides	Chlorpyrifos	<0.004	BRL ug/L
07/06/1995	Pesticides	Cyanazine	<0.004	BRL ug/L
07/06/1995	Pesticides	Dacthal (DCPA)	<0.002	BRL ug/L
07/06/1995	Pesticides	DDE,4,4'-	<0.006	BRL ug/L
07/06/1995	Pesticides	Diazinon	<0.002	BRL ug/L
07/06/1995	Pesticides	Dieldrin	<0.001	BRL ug/L
07/06/1995	Pesticides	Diethylaniline,2,6-	<0.003	BRL ug/L
07/06/1995	Pesticides	Dipropylthiocarbamate, S-Ethyl (EPTC)	<0.002	BRL ug/L
07/06/1995	Pesticides	Disulfoton	<0.017	BRL ug/L
07/06/1995	Pesticides	Dyfonate	<0.003	BRL ug/L
07/06/1995	Pesticides	Ethalfluralin	<0.004	BRL ug/L
07/06/1995	Pesticides	Ethoprop	<0.003	BRL ug/L
07/06/1995	Pesticides	Guthion	<0.001	BRL ug/L
07/06/1995	Pesticides	Linuron	<0.002	BRL ug/L
07/06/1995	Pesticides	Malathion	<0.005	BRL ug/L
07/06/1995	Pesticides	Metolachlor	<0.002	BRL ug/L
07/06/1995	Pesticides	Metribuzin	<0.004	BRL ug/L
07/06/1995	Pesticides	Molinate	<0.004	BRL ug/L
07/06/1995	Pesticides	Napropamide	<0.003	BRL ug/L
07/06/1995	Pesticides	Parathion	<0.004	BRL ug/L
07/06/1995	Pesticides	Parathion-methyl	<0.006	BRL ug/L
07/06/1995	Pesticides	Pebulate	<0.004	BRL ug/L
07/06/1995	Pesticides	Penoxalin	<0.004	BRL ug/L
07/06/1995	Pesticides	Permethrins	<0.005	BRL ug/L
07/06/1995	Pesticides	Phorate	<0.002	BRL ug/L
07/06/1995	Pesticides	Pronamide	<0.003	BRL ug/L
07/06/1995	Pesticides	Propachlor	<0.007	BRL ug/L
07/06/1995	Pesticides	Propanil	<0.004	BRL ug/L
07/06/1995	Pesticides	Propargite	<0.013	BRL ug/L
07/06/1995	Pesticides	Simazine	<0.005	BRL ug/L
07/06/1995	Pesticides	Tebuthiuron	<0.010	BRL ug/L
07/06/1995	Pesticides	Terbacil	<0.007	BRL ug/L
07/06/1995	Pesticides	Terbufos	<0.013	BRL ug/L
07/06/1995	Pesticides	Thiobencarb	<0.002	BRL ug/L
07/06/1995	Pesticides	Triallate	<0.001	BRL ug/L
07/06/1995	Pesticides	Trifluralin	<0.002	BRL ug/L
07/06/1995	Pesticides (Immu)	2,4-D	BRL	BRL ug/L
07/06/1995	Pesticides (Immu)	Alachlor	BRL	BRL ug/L
07/06/1995	Pesticides (Immu)	Aldicarb	BRL	BRL ug/L
07/06/1995	Pesticides (Immu)	Atrazine	BRL	BRL ug/L
07/06/1995	Pesticides (Immu)	Carbofuran	BRL	BRL ug/L
07/06/1995	Pesticides (Immu)	Cyanazine	BRL	BRL ug/L
07/06/1995	Pesticides (Immu)	Metolachlor	BRL	BRL ug/L
07/06/1995	Radiochem	Alpha, Gross (as Americium)	1.7 ± 2.6	1.7 pCi/l
07/06/1995	Radiochem	Beta, Gross	6.4 ± 2.4	6.4 pCi/l
07/06/1995	VOCs	1,4-Dichlorobenzene	<0.5	BRL ug/L
07/06/1995	VOCs	Benzene	<0.5	BRL ug/L
07/06/1995	VOCs	Bromobenzene	<0.5	BRL ug/L
07/06/1995	VOCs	Bromochloromethane	<0.5	BRL ug/L

	VOCs	Bromoform	<0.5	BRL ug/L
07/06/1995	VOCs	Bromomethane	<0.5	BRL ug/L
07/06/1995	VOCs	Butylbenzene, n-	<0.5	BRL ug/L
07/06/1995	VOCs	Butylbenzene, -sec	<0.5	BRL ug/L
07/06/1995	VOCs	Carbon Tetrachloride	<0.5	BRL ug/L
07/06/1995	VOCs	Chlorobenzene	<0.5	BRL ug/L
07/06/1995	VOCs	Chloroethane	<0.5	BRL ug/L
07/06/1995	VOCs	Chloroform	<0.5	BRL ug/L
07/06/1995	VOCs	Chlorotoluene-p	<0.5	BRL ug/L
07/06/1995	VOCs	Dibromochloromethane	<0.5	BRL ug/L
07/06/1995	VOCs	Dibromochloropropane (DBCP)	<0.5	BRL ug/L
07/06/1995	VOCs	Dibromoethane,1,2- (EDB)	<0.2	BRL ug/L
07/06/1995	VOCs	Dibromomethane	<0.5	BRL ug/L
07/06/1995	VOCs	Dichlorobenzene,1,2-	<0.5	BRL ug/L
07/06/1995	VOCs	Dichlorobenzene,1,3-	<0.5	BRL ug/L
07/06/1995	VOCs	Dichlorobromomethane	<0.5	BRL ug/L
07/06/1995	VOCs	Dichlorodifluoromethane	<0.5	BRL ug/L
07/06/1995	VOCs	Dichloroethane,1,1-	<0.5	BRL ug/L
07/06/1995	VOCs	Dichloroethane,1,2-	<0.5	BRL ug/L
07/06/1995	VOCs	Dichloroethene,1,1-	<0.5	BRL ug/L
07/06/1995	VOCs	Dichloroethene,1,2,cis-	<0.5	BRL ug/L
07/06/1995	VOCs	Dichloroethene,1,2,trans-	<0.5	BRL ug/L
07/06/1995	VOCs	Dichloropropane,1,2-	<0.5	BRL ug/L
07/06/1995	VOCs	Dichloropropane,1,3-	<0.5	BRL ug/L
07/06/1995	VOCs	Dichloropropane,2,2-	<0.5	BRL ug/L
07/06/1995	VOCs	Dichloropropene,1,1-	<0.5	BRL ug/L
07/06/1995	VOCs	Dichloropropene,1,3 cis-	<0.5	BRL ug/L
07/06/1995	VOCs	Ethylbenzene	<0.5	BRL ug/L
07/06/1995	VOCs	Hexachlorobutadiene	<0.5	BRL ug/L
07/06/1995	VOCs	Isodurene	<0.5	BRL ug/L
07/06/1995	VOCs	Isopropylbenzene	<0.5	BRL ug/L
07/06/1995	VOCs	Methyl tertiary butyl ether (MTBE)	<0.5	BRL ug/L
07/06/1995	VOCs	Methylene chloride	<0.5	BRL ug/L
07/06/1995	VOCs	Naphthalene	<0.5	BRL ug/L
07/06/1995	VOCs	o-Chlorotoluene	<0.5	BRL ug/L
07/06/1995	VOCs	Paraldehyde	<0.5	BRL ug/L
07/06/1995	VOCs	Styrene	<0.5	BRL ug/L
07/06/1995	VOCs	Tetrachloroethane,1,1,1,2-	<0.5	BRL ug/L
07/06/1995	VOCs	Tetrachloroethane,1,1,2,2-	<0.5	BRL ug/L
07/06/1995	VOCs	Tetrachloroethylene	<0.5	BRL ug/L
07/06/1995	VOCs	Tetralin	<0.5	BRL ug/L
07/06/1995	VOCs	Toluene	<0.5	BRL ug/L
07/06/1995	VOCs	Toluene, 2-Isopropyl-	<0.5	BRL ug/L
07/06/1995	VOCs	Trichlorobenzene,1,2,3-	<0.5	BRL ug/L
07/06/1995	VOCs	Trichlorobenzene,1,2,4-	<0.5	BRL ug/L
07/06/1995	VOCs	Trichloroethane,1,1,1-	<0.5	BRL ug/L
07/06/1995	VOCs	Trichloroethane,1,1,2-	<0.5	BRL ug/L
07/06/1995	VOCs	Trichloroethylene	<0.5	BRL ug/L
07/06/1995	VOCs	Trichlorofluoromethane	<0.5	BRL ug/L
07/06/1995	VOCs	Trichloropropane	<0.5	BRL ug/L
07/06/1995	VOCs	Trimethylbenzene,1,2,4-	<0.5	BRL ug/L
07/06/1995	VOCs	TRIMETHYLBENZENE,1,3,5-	<0.5	BRL ug/L
07/06/1995	VOCs	Vinyl chloride	<0.5	BRL ug/L
07/06/1995	VOCs	Xylenes	<0.5	BRL ug/L
07/28/1999	Inorg & Field	Acid neutralizing capacity	217	217 mg/l CaCO3
07/28/1999	Inorg & Field	Air Temperature	29.0	29 °C
07/28/1999	Inorg & Field	Ammonia	<.020	BRL mg/l as N
07/28/1999	Inorg & Field	Arsenic	2	2 ug/L
07/28/1999	Inorg & Field	Barium	39	39 ug/L
07/28/1999	Inorg & Field	Bicarbonate	260	260 mg/L
07/28/1999	Inorg & Field	Cadmium	<1.0	BRL ug/L
07/28/1999	Inorg & Field	Calcium	48	48 mg/L
07/28/1999	Inorg & Field	Carbonate	0	0 mg/L
07/28/1999	Inorg & Field	Chloride	36	36 mg/L
07/28/1999	Inorg & Field	Copper	1.3	1.3 ug/L
07/28/1999	Inorg & Field	Depth to Water	76.61	76.61 ft
07/28/1999	Inorg & Field	Dissolved Oxygen	7.3	7.3 mg/L
07/28/1999	Inorg & Field	Fecal Coliform	<1	BRL col/100 ml
07/28/1999	Inorg & Field	Fluoride	.59	0.59 mg/L
07/28/1999	Inorg & Field	Hardness	200	200 mg/L

	Inorg & Field	Iron	<10	BRL ug/L
07/28/1999	Inorg & Field	Lead	<1.0	BRL ug/L
07/28/1999	Inorg & Field	Magnesium	21	21 mg/L
07/28/1999	Inorg & Field	Manganese	<3.0	BRL ug/L
07/28/1999	Inorg & Field	Nitrate	2.50	2.5 mg/l as N
07/28/1999	Inorg & Field	Nitrite	<.010	BRL mg/l as N
07/28/1999	Inorg & Field	pH	7.5	7.5 pH
07/28/1999	Inorg & Field	Phosphate	.064	0.064 mg/l as P
07/28/1999	Inorg & Field	Potassium	4.5	4.5 mg/L
07/28/1999	Inorg & Field	Selenium	1	1 ug/L
07/28/1999	Inorg & Field	Silica	34	34 mg/L
07/28/1999	Inorg & Field	Sodium	26	26 mg/L
07/28/1999	Inorg & Field	Solids	359	359 mg/L
07/28/1999	Inorg & Field	Specific Conductance	547	547 uS/cm
07/28/1999	Inorg & Field	Sulfate	48	48 mg/L
07/28/1999	Inorg & Field	Water Temperature	16.6	16.6 °C
07/28/1999	Inorg & Field	Zinc	22	22 ug/L
07/28/1999	Pesticides (Immu)	Alachlor	BRL	BRL ug/L
07/28/1999	Pesticides (Immu)	Aldicarb	BRL	BRL ug/L
07/28/1999	Pesticides (Immu)	Atrazine	BRL	BRL ug/L
07/28/1999	Pesticides (Immu)	Carbofuran	BRL	BRL ug/L
07/28/1999	Pesticides (Immu)	Chlorpyrifos	BRL	BRL ug/L
07/28/1999	Pesticides (Immu)	Cyanazine	BRL	BRL ug/L
07/28/1999	Pesticides (Immu)	Metolachlor	BRL	BRL ug/L
07/28/1999	Pesticides (Immu)	Metribuzin	BRL	BRL ug/L
07/28/1999	VOCs	1,4-Dichlorobenzene	<0.50	BRL ug/L
07/28/1999	VOCs	Benzene	<0.50	BRL ug/L
07/28/1999	VOCs	Bromobenzene	<0.50	BRL ug/L
07/28/1999	VOCs	Bromochloromethane	<0.50	BRL ug/L
07/28/1999	VOCs	Bromoform	<0.50	BRL ug/L
07/28/1999	VOCs	Bromomethane	<0.50	BRL ug/L
07/28/1999	VOCs	Butylbenzene, n-	<0.50	BRL ug/L
07/28/1999	VOCs	Butylbenzene, -sec	<0.50	BRL ug/L
07/28/1999	VOCs	Carbon Tetrachloride	<0.50	BRL ug/L
07/28/1999	VOCs	Chlorobenzene	<0.50	BRL ug/L
07/28/1999	VOCs	Chloroethane	<0.50	BRL ug/L
07/28/1999	VOCs	Chloroform	<0.50	BRL ug/L
07/28/1999	VOCs	Chlorotoluene-p	<0.50	BRL ug/L
07/28/1999	VOCs	Dibromochloromethane	<0.50	BRL ug/L
07/28/1999	VOCs	Dibromochloropropane (DBCP)	<0.50	BRL ug/L
07/28/1999	VOCs	Dibromoethane,1,2- (EDB)	<0.20	BRL ug/L
07/28/1999	VOCs	Dibromomethane	<0.50	BRL ug/L
07/28/1999	VOCs	Dichlorobenzene,1,2-	<0.50	BRL ug/L
07/28/1999	VOCs	Dichlorobenzene,1,3-	<0.50	BRL ug/L
07/28/1999	VOCs	Dichlorobromomethane	<0.50	BRL ug/L
07/28/1999	VOCs	Dichlorodifluoromethane	<0.50	BRL ug/L
07/28/1999	VOCs	Dichloroethane,1,1-	<0.50	BRL ug/L
07/28/1999	VOCs	Dichloroethane,1,2-	<0.50	BRL ug/L
07/28/1999	VOCs	Dichloroethene,1,1-	<0.50	BRL ug/L
07/28/1999	VOCs	Dichloroethene,1,2,cis-	<0.50	BRL ug/L
07/28/1999	VOCs	Dichloroethene,1,2,trans-	<0.50	BRL ug/L
07/28/1999	VOCs	Dichloropropane,1,2-	<0.50	BRL ug/L
07/28/1999	VOCs	Dichloropropane,1,3-	<0.50	BRL ug/L
07/28/1999	VOCs	Dichloropropene,1,3-	<0.50	BRL ug/L
07/28/1999	VOCs	Dichloropropene,2,2-	<0.50	BRL ug/L
07/28/1999	VOCs	Dichloropropene,1,1-	<0.50	BRL ug/L
07/28/1999	VOCs	Ethylbenzene	<0.50	BRL ug/L
07/28/1999	VOCs	Hexachlorobutadiene	<0.50	BRL ug/L
07/28/1999	VOCs	Isodurene	<0.50	BRL ug/L
07/28/1999	VOCs	Isopropylbenzene	<0.50	BRL ug/L
07/28/1999	VOCs	Methyl tertiary butyl ether (MTBE)	<0.50	BRL ug/L
07/28/1999	VOCs	Methylene chloride	<0.50	BRL ug/L
07/28/1999	VOCs	Naphthalene	<0.50	BRL ug/L
07/28/1999	VOCs	o-Chlorotoluene	<0.50	BRL ug/L
07/28/1999	VOCs	Paraldehyde	<0.50	BRL ug/L
07/28/1999	VOCs	Styrene	<0.50	BRL ug/L
07/28/1999	VOCs	Tetrachloroethane,1,1,1,2-	<0.50	BRL ug/L
07/28/1999	VOCs	Tetrachloroethane,1,1,2,2-	<0.50	BRL ug/L
07/28/1999	VOCs	Tetrachloroethylene	<0.50	BRL ug/L
07/28/1999	VOCs	Tetralin	<0.50	BRL ug/L

	VOCs	Toluene	<0.50	BRL ug/L
07/28/1999	VOCs	Toluene, 2-Isopropyl-	<0.50	BRL ug/L
07/28/1999	VOCs	Trichlorobenzene,1,2,3-	<0.50	BRL ug/L
07/28/1999	VOCs	Trichlorobenzene,1,2,4-	<0.50	BRL ug/L
07/28/1999	VOCs	Trichloroethane,1,1,1-	<0.50	BRL ug/L
07/28/1999	VOCs	Trichloroethane,1,1,2-	<0.50	BRL ug/L
07/28/1999	VOCs	Trichloroethylene	<0.50	BRL ug/L
07/28/1999	VOCs	Trichlorofluoromethane	<0.50	BRL ug/L
07/28/1999	VOCs	Trichloropropane	<0.50	BRL ug/L
07/28/1999	VOCs	Trimethylbenzene,1,2,4-	<0.50	BRL ug/L
07/28/1999	VOCs	TRIMETHYLBENZENE,1,3,5-	<0.50	BRL ug/L
07/28/1999	VOCs	Vinyl chloride	<0.50	BRL ug/L
07/28/1999	VOCs	Xylenes	<0.50	BRL ug/L
09/02/2004	Inorg & Field	Acid neutralizing capacity	158	158 mg/l CaCO3
09/02/2004	Inorg & Field	Air Temperature	16	16 °C
09/02/2004	Inorg & Field	Ammonia	<0.04	BRL mg/l as N
09/02/2004	Inorg & Field	Arsenic	2.2	2.2 ug/L
09/02/2004	Inorg & Field	Barium	44.7	44.7 ug/L
09/02/2004	Inorg & Field	Bicarbonate	193	193 mg/L
09/02/2004	Inorg & Field	Cadmium	<0.04	BRL ug/L
09/02/2004	Inorg & Field	Calcium	55.7	55.7 mg/L
09/02/2004	Inorg & Field	Carbonate	0	0 mg/L
09/02/2004	Inorg & Field	Chloride	39.9	39.9 mg/L
09/02/2004	Inorg & Field	Dissolved Oxygen	4.7	4.7 mg/L
09/02/2004	Inorg & Field	Fecal Coliform	<1	BRL col/100 ml
09/02/2004	Inorg & Field	Fluoride	0.6	0.6 mg/L
09/02/2004	Inorg & Field	Hardness	230	230 mg/L
09/02/2004	Inorg & Field	Iron	E4	4 ug/L
09/02/2004	Inorg & Field	Magnesium	22.8	22.8 mg/L
09/02/2004	Inorg & Field	Manganese	<0.8	BRL ug/L
09/02/2004	Inorg & Field	Nitrate	2.2	2.2 mg/l as N
09/02/2004	Inorg & Field	Nitrite	<0.008	BRL mg/l as N
09/02/2004	Inorg & Field	pH	7.3	7.3 pH
09/02/2004	Inorg & Field	Phosphate	0.03	0.03 mg/l as P
09/02/2004	Inorg & Field	Potassium	4.96	4.96 mg/L
09/02/2004	Inorg & Field	Selenium	0.8	0.8 ug/L
09/02/2004	Inorg & Field	Silica	33.2	33.2 mg/L
09/02/2004	Inorg & Field	Sodium	28.2	28.2 mg/L
09/02/2004	Inorg & Field	Solids	338	338 mg/l
09/02/2004	Inorg & Field	Specific Conductance	562	562 uS/cm
09/02/2004	Inorg & Field	Sulfate	49.7	49.7 mg/L
09/02/2004	Inorg & Field	Water Temperature	14.7	14.7 °C

Legend**Results Codes:**

<	below the laboratory reporting limit
BRL	below the laboratory reporting limit
ND	not detected
E	estimated
IN	indeterminate

Hardness Scale:

<75 mg/l	soft
75-150 mg/l	moderately hard
151-300 mg/l	hard
>300 mg/l	very hard

Unit Abbreviations:

ug/l	micrograms per liter (parts per billion)
mg/l	milligrams per liter (parts per million)
‰	parts per thousand
uS/cm	microSiemens per centimeter
pCi/l	picoCuries per liter
ft	feet
°C	degrees Celsius
col/100 ml	colonies per 100 milliliters

Miscellaneous:

IMMU means Immunoassay (enzyme) testing.

The data on these pages are maintained by [The Water Quality group](#) at the IDWR.

Idaho Department of Water Resources

322. E. Front Street

Boise, Idaho 83720-0098

Telephone: (208) 287-4800

FAX: (208) 287-6700

EXHIBIT 2216

**Statewide Groundwater Quality Monitoring Program**

Station: 08S 14E 03DBB1 Site ID: 424539114475701

Metal Tag #: A0011032

Well Characteristics

Legal: 08S 14E 3 NW NW SE
 Latitude: 42° 45' 39" N
 Longitude: 114° 48' 0" W
 County: Gooding
 Quad map: TUTTLE
 Primary aquifer: 110SKRV

Altitude: 3248 ft.
 Well Depth: 99 ft.
 Depth to Water: ft.
 Casing Depth: ft.
 Depth to Aquifer: 49 ft.
 Water Use: Domestic

Current Sampling Frequency: Once Every 5 Years

Sample years: 2002 and 2007.
The query returned 205 records.

Sample Date	Contents	Analyte	Reported Value	Numeric Value	Units
09/17/2002	Hormones (Immu)	Estradiol	BRL	BRL ug/L	
09/17/2002	Inorg & Field	Acid neutralizing capacity	130	130 mg/l	CaCO3
09/17/2002	Inorg & Field	Air Temperature	14	14	°C
09/17/2002	Inorg & Field	Ammonia	<0.04	BRL mg/l as N	
09/17/2002	Inorg & Field	Arsenic	2.6	2.6	ug/L
09/17/2002	Inorg & Field	Barium	17.6	17.6	ug/L
09/17/2002	Inorg & Field	Bicarbonate	159	159	mg/L
09/17/2002	Inorg & Field	Cadmium	<0.04	BRL	ug/L
09/17/2002	Inorg & Field	Calcium	30.6	30.6	mg/L
09/17/2002	Inorg & Field	Carbonate	0	0	mg/L
09/17/2002	Inorg & Field	Chloride	9.86	9.86	mg/L
09/17/2002	Inorg & Field	Copper	0.5	0.5	ug/L
09/17/2002	Inorg & Field	Dissolved Oxygen	6.4	6.4	mg/L
09/17/2002	Inorg & Field	Fecal Coliform	<1	BRL	col/100 ml
09/17/2002	Inorg & Field	Fluoride	0.5	0.5	mg/L
09/17/2002	Inorg & Field	Hardness	140	140	mg/L
09/17/2002	Inorg & Field	Iron	<10	BRL	ug/L
09/17/2002	Inorg & Field	Lead	0.22	0.22	ug/L
09/17/2002	Inorg & Field	Magnesium	14.8	14.8	mg/L
09/17/2002	Inorg & Field	Manganese	<2	BRL	ug/L
09/17/2002	Inorg & Field	Nitrate	0.79	0.79	mg/L as N
09/17/2002	Inorg & Field	Nitrite	<0.008	BRL	mg/L as N
09/17/2002	Inorg & Field	pH	8.1	8.1	ph
09/17/2002	Inorg & Field	Phosphate	E0.01	0.01	mg/L as P
09/17/2002	Inorg & Field	Potassium	0.2	0.2	mg/L
09/17/2002	Inorg & Field	Selenium	0.8	0.8	ug/L
09/17/2002	Inorg & Field	Silica	33.4	33.4	mg/L
09/17/2002	Inorg & Field	Sodium	14.9	14.9	mg/L
09/17/2002	Inorg & Field	Solids	206	206	mg/L
09/17/2002	Inorg & Field	Specific Conductance	341	341	uS/cm
09/17/2002	Inorg & Field	Sulfate	22.9	22.9	mg/L
09/17/2002	Inorg & Field	Water Temperature	15.2	15.2	°C
09/17/2002	Inorg & Field	Zinc	13	13	ug/L
09/17/2002	Pesticides	2,4,5-T	BRL	BRL	ug/L
09/17/2002	Pesticides	2,4,5-TP (Silvex)	BRL	BRL	ug/L
09/17/2002	Pesticides	2,4-D	BRL	BRL	ug/L
09/17/2002	Pesticides	2,4-DB	BRL	BRL	ug/L
09/17/2002	Pesticides	Acifluorfen	BRL	BRL	ug/L
09/17/2002	Pesticides	Alachlor	BRL	BRL	ug/L
09/17/2002	Pesticides	Aldrin	BRL	BRL	ug/L

09/17/2002	Pesticides	Atrazine	BRL	BRL ug/l
09/17/2002	Pesticides	Bentazon	BRL	BRL ug/l
09/17/2002	Pesticides	BHC, alpha-	BRL	BRL ug/l
09/17/2002	Pesticides	BHC, beta-	BRL	BRL ug/l
09/17/2002	Pesticides	BHC, delta-	BRL	BRL ug/l
09/17/2002	Pesticides	BHC, gamma- (Lindane)	BRL	BRL ug/l
09/17/2002	Pesticides	Bromacil	BRL	BRL ug/l
09/17/2002	Pesticides	Butachlor (Machette)	BRL	BRL ug/l
09/17/2002	Pesticides	Butylate	BRL	BRL ug/l
09/17/2002	Pesticides	Chloramben	BRL	BRL ug/l
09/17/2002	Pesticides	Chlordane, alpha-	BRL	BRL ug/l
09/17/2002	Pesticides	Chlordane, gamma-	BRL	BRL ug/l
09/17/2002	Pesticides	Chlorobenzilate	BRL	BRL ug/l
09/17/2002	Pesticides	Chloroneb	BRL	BRL ug/l
09/17/2002	Pesticides	Chlorothalonil	BRL	BRL ug/l
09/17/2002	Pesticides	Chlorpropham	BRL	BRL ug/l
09/17/2002	Pesticides	Chlorpyrifos	BRL	BRL ug/l
09/17/2002	Pesticides	Cyanazine	BRL	BRL ug/l
09/17/2002	Pesticides	Dacthal (DCPA)	BRL	BRL ug/l
09/17/2002	Pesticides	Dacthal (DCPA)	BRL	BRL ug/l
09/17/2002	Pesticides	Dalapon	BRL	BRL ug/l
09/17/2002	Pesticides	DDD,4,4'-	BRL	BRL ug/l
09/17/2002	Pesticides	DDE,4,4'-	BRL	BRL ug/l
09/17/2002	Pesticides	DDT,4,4'-	BRL	BRL ug/l
09/17/2002	Pesticides	Diazinon	BRL	BRL ug/l
09/17/2002	Pesticides	Dicamba	BRL	BRL ug/l
09/17/2002	Pesticides	Diclorprop	BRL	BRL ug/l
09/17/2002	Pesticides	Dieldrin	BRL	BRL ug/l
09/17/2002	Pesticides	Dinoseb	BRL	BRL ug/l
09/17/2002	Pesticides	Diphenamid	BRL	BRL ug/l
09/17/2002	Pesticides	Dipropylthiocarbamate, S-Ethyl (EPTC)	BRL	BRL ug/l
09/17/2002	Pesticides	Endosulfan I	BRL	BRL ug/l
09/17/2002	Pesticides	Endosulfan II	BRL	BRL ug/l
09/17/2002	Pesticides	Endosulfan Sulfate	BRL	BRL ug/l
09/17/2002	Pesticides	Endrin	BRL	BRL ug/l
09/17/2002	Pesticides	Endrin Aldehyde	BRL	BRL ug/l
09/17/2002	Pesticides	Ethoprop	BRL	BRL ug/l
09/17/2002	Pesticides	Etridiazole	BRL	BRL ug/l
09/17/2002	Pesticides	Heptachlor	BRL	BRL ug/l
09/17/2002	Pesticides	Heptachlor Epoxide	BRL	BRL ug/l
09/17/2002	Pesticides	Hexachlorobenzene	BRL	BRL ug/l
09/17/2002	Pesticides	Methoxychlor	BRL	BRL ug/l
09/17/2002	Pesticides	Metolachlor	BRL	BRL ug/l
09/17/2002	Pesticides	Metribuzin	BRL	BRL ug/l
09/17/2002	Pesticides	Mevinphos	BRL	BRL ug/l
09/17/2002	Pesticides	MGK 264	BRL	BRL ug/l
09/17/2002	Pesticides	Molinate	BRL	BRL ug/l
09/17/2002	Pesticides	Nonachlor, -trans	BRL	BRL ug/l
09/17/2002	Pesticides	Norflurazon	BRL	BRL ug/l
09/17/2002	Pesticides	Pentachlorophenol (PCP)	BRL	BRL ug/l
09/17/2002	Pesticides	Pentachlorophenol (PCP)	BRL	BRL ug/l
09/17/2002	Pesticides	Permethrins	BRL	BRL ug/l
09/17/2002	Pesticides	Picloram	BRL	BRL ug/l
09/17/2002	Pesticides	Prometryn	BRL	BRL ug/l
09/17/2002	Pesticides	Pronamide	BRL	BRL ug/l
09/17/2002	Pesticides	Propachlor	BRL	BRL ug/l
09/17/2002	Pesticides	Propazine	BRL	BRL ug/l
09/17/2002	Pesticides	Simazine	BRL	BRL ug/l
09/17/2002	Pesticides	Stirophos	BRL	BRL ug/l
09/17/2002	Pesticides	Terbufos	BRL	BRL ug/l
09/17/2002	Pesticides	Terbutryn	BRL	BRL ug/l
09/17/2002	Pesticides	Triadimefon	BRL	BRL ug/l
09/17/2002	Pesticides	Tricyclazole	BRL	BRL ug/l
09/17/2002	Pesticides	Trifluralin	BRL	BRL ug/l
09/17/2002	Pesticides	Vernolate	BRL	BRL ug/l
09/17/2002	Pesticides (Imm)	Acetochlor	0.07	0.07 ug/L
09/17/2002	Pesticides (Imm)	Atrazine	BRL	BRL ug/L
09/17/2002	Pesticides (Imm)	Metolachlor	BRL	BRL ug/L
09/17/2002	Radiochem	Alpha, Gross (as Thorium)	2.6 ± 1.4	2.6 pCi/L
09/17/2002	Radiochem	Beta, Gross	6.1 ± 1.4	6.1 pCi/L

	VOCs	1,4-Dichlorobenzene	<0.5	BRL ug/L
09/17/2002	VOCs	Benzene	<0.5	BRL ug/L
09/17/2002	VOCs	Bromobenzene	<0.5	BRL ug/L
09/17/2002	VOCs	Bromochloromethane	<0.5	BRL ug/L
09/17/2002	VOCs	Bromoform	<0.5	BRL ug/L
09/17/2002	VOCs	Bromomethane	<0.5	BRL ug/L
09/17/2002	VOCs	Carbon Tetrachloride	<0.5	BRL ug/L
09/17/2002	VOCs	Chlorobenzene	<0.5	BRL ug/L
09/17/2002	VOCs	Chloroethane	<0.5	BRL ug/L
09/17/2002	VOCs	Chloroform	<0.5	BRL ug/L
09/17/2002	VOCs	Chloromethane	<0.5	BRL ug/L
09/17/2002	VOCs	Chlorotoluene-p	<0.5	BRL ug/L
09/17/2002	VOCs	Dibromochloromethane	<0.5	BRL ug/L
09/17/2002	VOCs	Dibromochloropropane (DBCP)	<0.5	BRL ug/L
09/17/2002	VOCs	Dibromoethane,1,2- (EDB)	<0.2	BRL ug/L
09/17/2002	VOCs	Dibromomethane	<0.5	BRL ug/L
09/17/2002	VOCs	Dichlorobenzene,1,2-	<0.5	BRL ug/L
09/17/2002	VOCs	Dichlorobenzene,1,3-	<0.5	BRL ug/L
09/17/2002	VOCs	Dichlorobromomethane	<0.5	BRL ug/L
09/17/2002	VOCs	Dichlorodifluoromethane	<0.5	BRL ug/L
09/17/2002	VOCs	Dichloroethane,1,1-	<0.5	BRL ug/L
09/17/2002	VOCs	Dichloroethane,1,2-	<0.5	BRL ug/L
09/17/2002	VOCs	Dichloroethene,1,1-	<0.5	BRL ug/L
09/17/2002	VOCs	Dichloroethene,1,2,cis-	<0.5	BRL ug/L
09/17/2002	VOCs	Dichloroethene,1,2,trans-	<0.5	BRL ug/L
09/17/2002	VOCs	Dichloropropane,1,2-	<0.5	BRL ug/L
09/17/2002	VOCs	Dichloropropane,1,3-	<0.5	BRL ug/L
09/17/2002	VOCs	Dichloropropane,2,2-	<0.5	BRL ug/L
09/17/2002	VOCs	Dichloropropene,1,1-	<0.5	BRL ug/L
09/17/2002	VOCs	Dichloropropene,e,z-1,3-	<0.5	BRL ug/L
09/17/2002	VOCs	Ethylbenzene	<0.5	BRL ug/L
09/17/2002	VOCs	Hexachlorobutadiene	<0.5	BRL ug/L
09/17/2002	VOCs	Isopropylbenzene	<0.5	BRL ug/L
09/17/2002	VOCs	Methyl tertiary butyl ether (MTBE)	<0.5	BRL ug/L
09/17/2002	VOCs	Methylene chloride	<0.5	BRL ug/L
09/17/2002	VOCs	Naphthalene	<0.5	BRL ug/L
09/17/2002	VOCs	n-Butylbenzene	<0.5	BRL ug/L
09/17/2002	VOCs	n-Propylbenzene	<0.5	BRL ug/L
09/17/2002	VOCs	o-Chlorotoluene	<0.5	BRL ug/L
09/17/2002	VOCs	p-Isopropyltoluene	<0.5	BRL ug/L
09/17/2002	VOCs	sec-Butylbenzene	<0.5	BRL ug/L
09/17/2002	VOCs	Styrene	<0.5	BRL ug/L
09/17/2002	VOCs	tert-Butylbenzene	<0.5	BRL ug/L
09/17/2002	VOCs	Tetrachloroethane,1,1,1,2-	<0.5	BRL ug/L
09/17/2002	VOCs	Tetrachloroethane,1,1,2,2-	<0.5	BRL ug/L
09/17/2002	VOCs	Tetrachloroethylene	<0.5	BRL ug/L
09/17/2002	VOCs	Toluene	<0.5	BRL ug/L
09/17/2002	VOCs	Trichlorobenzene,1,2,3-	<0.5	BRL ug/L
09/17/2002	VOCs	Trichlorobenzene,1,2,4-	<0.5	BRL ug/L
09/17/2002	VOCs	Trichloroethane,1,1,1-	<0.5	BRL ug/L
09/17/2002	VOCs	Trichloroethane,1,1,2-	<0.5	BRL ug/L
09/17/2002	VOCs	Trichloroethylene	<0.5	BRL ug/L
09/17/2002	VOCs	Trichlorofluoromethane	<0.5	BRL ug/L
09/17/2002	VOCs	Trichloropropane,1,2,3-	<0.5	BRL ug/L
09/17/2002	VOCs	Trimethylbenzene,1,2,4-	<0.5	BRL ug/L
09/17/2002	VOCs	Trimethylbenzene,1,3,5-	<0.5	BRL ug/L
09/17/2002	VOCs	Vinyl chloride	<0.5	BRL ug/L
09/17/2002	VOCs	Xylenes	<0.5	BRL ug/L
08/22/2007	Mixed	Acid neutralizing capacity	124	124 mg/l CaCO3
08/22/2007	Mixed	Air Temperature	19	19 °C
08/22/2007	Mixed	Ammonia	<0.02	BRL mg/l as N
08/22/2007	Mixed	Arsenic	2.1	2.1 ug/l
08/22/2007	Mixed	Barium	17.1	17.1 ug/l
08/22/2007	Mixed	Bicarbonate	150	150 mg/l
08/22/2007	Mixed	Cadmium	<0.04	BRL ug/l
08/22/2007	Mixed	Calcium	28.8	28.8 mg/l
08/22/2007	Mixed	Carbon Dioxide	2.7	2.7 mg/l
08/22/2007	Mixed	Carbonate	0	0 mg/l
08/22/2007	Mixed	Chloride	10.1	10.1 mg/l
08/22/2007	Mixed	Dissolved Oxygen	5.7	5.7 mg/l

	Mixed	Fecal Coliform	<1	BRL col/100 ml
08/22/2007	Mixed	Fluoride	0.46	0.46 mg/l
08/22/2007	Mixed	Hardness	130	130 mg/L
08/22/2007	Mixed	Iron	<6	BRL ug/l
08/22/2007	Mixed	Magnesium	14.6	14.6 mg/l
08/22/2007	Mixed	Manganese	<0.2	BRL ug/l
08/22/2007	Mixed	Nitrate	0.9	0.9 mg/l as N
08/22/2007	Mixed	Nitrite	<0.002	BRL mg/l as N
08/22/2007	Mixed	pH	8	8 pH
08/22/2007	Mixed	pH	8	8 pH
08/22/2007	Mixed	Phosphate	0.023	0.023 mg/l as P
08/22/2007	Mixed	Phosphate, ortho	0.07	0.07 mg/l
08/22/2007	Mixed	Potassium	3.3	3.3 mg/l
08/22/2007	Mixed	Selenium	0.67	0.67 ug/l
08/22/2007	Mixed	Silica	33	33 mg/l
08/22/2007	Mixed	Sodium	15.9	15.9 mg/l
08/22/2007	Mixed	Solids	209	209 mg/l
08/22/2007	Mixed	Specific Conductance	345	345 uS/cm
08/22/2007	Mixed	Specific Conductance	336	336 uS/cm
08/22/2007	Mixed	Sulfate	23.8	23.8 mg/l
08/22/2007	Mixed	Water Temperature	15.4	15.4 °C
08/22/2007	Pest	2,4-D	BRL	BRL ug/L
08/22/2007	Pest	Alachlor	BRL	BRL ug/L
08/22/2007	Pest	Atrazine	BRL	BRL ug/L
08/22/2007	Pest	Metolachlor	BRL	BRL ug/L

Legend

Results Codes:

< below the laboratory reporting limit
 BRL below the laboratory reporting limit
 ND not detected
 E estimated
 IN indeterminate

Hardness Scale:

<75 mg/l	soft
75-150 mg/l	moderately hard
151-300 mg/l	hard
>300 mg/l	very hard

Unit Abbreviations:

ug/l	micrograms per liter (parts per billion)
mg/l	milligrams per liter (parts per million)
%	parts per thousand
uS/cm	microSiemens per centimeter
pCi/l	picoCuries per liter
ft	feet
°C	degrees Celsius
col/100 ml	colonies per 100 milliliters

Miscellaneous:

IMMU means Immunoassay (enzyme) testing.

The data on these pages are maintained by [The Water Quality group](#) at the IDWR.

Idaho Department of Water Resources

322. E. Front Street

Telephone: (208) 287-4800

Boise, Idaho 83720-0098

FAX: (208) 287-6700