

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		NE Community Center, City monitoring well			Trinity School, Adams & Carlisle, City monitoring well				Denver & Marietta, City monitoring well					
WQMP Well ID		5304G01			5307M01				5308H01					
SampleID/Comment		5304G01	5304G01	5304G01	5307M01	5307M01	5307M01	5307M01	5308H01	5308H01	5308H01	5308H01		
Quarter		2	3	4	1	2	3	4	1	2	3	4		
Sample Date		5/14/2009	8/13/2009	11/19/2009	2/11/2009	5/13/2009	8/12/2009	11/18/2009	2/11/2009	5/13/2009	8/12/2009	11/18/2009		
Static Water Level (ft)		172.89	179.47	179.12	133.31	125.37	140.25	139.14	82.44	78.43	85.50	84.54		
Average Static Water Level (ft)														
Sample Depth (ft)		182	182	182	149	148.5	148	148	86	86	86.5	86		
Conductivity (µS/cm)		259.00	261.00	362.00	267.00	255.00	249.00	299.00	232.00	211.00	207.00	275.00		
Water Temperature (C°)		12.46	12.38	12.15	12.60	13.10	13.16	12.46	12.90	12.01	11.55	13.16		
pH		7.91	8.05	8.05	8.00	8.05	8.11	8.11	7.85	8.54	7.94	7.88		
Analytes	Washington Drinking Water Standards													
	MCL ¹	Trigger Level ²	Secondary											
Phosphorus	-	-	-	0.004	0.005	0.022	0.005	0.004	0.003	0.003	0.005	0.004	0.004	0.004
Ortho-Phosphate	-	-	-	0.004	0.002	0.003	0.003	0.002	0.002	0.003	0.004	0.003	0.003	0.003
Nitrate+Nitrite	10	5	-	1.14	1.13	1.60	1.31	1.34	1.41	1.27	1.00	1.09	1.15	1.12
Arsenic	0.01	0.005	-	0.00278	0.00268	0.00248	0.00248	0.00161	0.00241	0.00158	0.00293	0.00207	0.00235	0.00209
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	0.00115	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	0.00138	0.00203	0.00173	0.00178	0.00217	< 0.00150	0.00169	0.00141	< 0.00125	< 0.00150	< 0.00150
Fluoride	4	0.5	2	0.245	< 0.100	< 0.100	0.135	< 0.100	< 0.100	< 0.100	0.130	< 0.100	< 0.100	< 0.100
Chloride	-	250	250	4.03	4.26	6.98	6.09	5.80	5.89	5.51	4.88	4.68	4.57	4.66
Sodium	-	-	-	4.13	4.77	5.08	3.68	3.92	3.63	3.85	3.03	2.87	2.87	3.32
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Magnesium	-	-	-	12.40	12.00	15.00	10.70	11.00	10.60	11.10	9.46	9.06	8.78	10.30
Potassium	-	-	-	1.71	1.87	1.99	1.80	1.79	1.69	1.82	1.73	1.55	1.46	1.79
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100 ^J	< 0.00100	< 0.00100	< 0.00100	< 0.00100 ^J	< 0.00100	< 0.00100
Sulfate	-	-	250	11.30	11.50	13.70	10.70	11.90	10.50	10.50	8.80	9.32	8.32	9.45
Calcium	-	-	-	31.10	28.50	33.50	30.90	31.40	30.50	31.70	26.50	25.30	24.40	28.60
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	120	118	141	113	112	111	115	100	90.8	91.2	105
TDS	-	-	500	136	177	144	148	138	165	158	135	113	142	120

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

R-The data are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		monitoring well at SCC										Hale's Ale Nested Site, east					
WQMP Well ID		5310Q01										5311J05					
SampleID/Comment		5310Q01	5310Q01A	5310Q01	5310Q01A	5310Q01	5310Q01A	5310Q0	5310Q01A	5311J05	5311J05	5311J05	5311J05				
Quarter		1	1	2	2	3	3	4	4	1	2	3	4				
Sample Date		2/11/2009	2/11/2009	5/13/2009	5/13/2009	8/12/2009	8/12/2009	11/18/2009	11/18/2009	2/10/2009	5/13/2009	8/11/2009	11/18/2009				
Static Water Level (ft)			37.07		30.46		40.05		38.93	64.65	58.14	67.94	66.74				
Average Static Water Level (ft)																	
Sample Depth (ft)			41		41		41		41	65.5	63	69	68				
Conductivity (µS/cm)			231.00		233.00		216		243	288.00	328.00	276.00	385.00				
Water Temperature (C°)			12.66		12.13		12.77		13	8.80	12.52	12.01	10.84				
pH			7.87		8.20		8.22		7.63	7.69	7.70	7.99	7.87				
Analytes	Washington Drinking Water Standards																
	MCL ¹	Trigger Level ²	Secondary														
Phosphorus	-	-	-	0.005	0.005	0.003	0.003	0.003	0.003	0.004	0.003	0.005	0.004	0.004	0.005		
Ortho-Phosphate	-	-	-	0.003	0.003	0.002	0.002	0.003	0.002	0.003	0.003	0.004	0.003	0.003	0.004		
Nitrate+Nitrite	10	5	-	1.01	1.01	1.22	1.27	1.05	1.07	0.941	0.946	1.54	1.72	1.81	1.60		
Arsenic	0.01	0.005	-	0.00314	0.00290	0.00226	0.002	0.00286	0.00288	0.00249	0.00235	0.00282	0.00202	0.00278	0.00233		
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100		
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100		
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.000200J	< 0.00020	< 0.00020	< 0.00020		
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200		
Chromium	0.1	0.02	-	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00150	< 0.00150	0.00276	< 0.00150	0.00163	< 0.00125	< 0.00150	< 0.00150		
Fluoride	4	0.5	2	0.136	0.140	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100		
Chloride	-	250	250	4.89	4.96	4.20	4.26	3.65	3.69	3.33	3.39	6.26	6.86	7.40	6.10		
Sodium	-	-	-	2.72	2.68	2.84	2.91	2.72	2.80	2.86	2.78	3.99	4.19	4.23	4.36		
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500		
Magnesium	-	-	-	9.19	9.05	10.00	10.10	8.85	9.23	9.19	9.03	15.80	16.90	16.70	17.10		
Potassium	-	-	-	1.67	1.64	1.64	1.65	1.48	1.54	1.70	1.67	2.12	2.08	2.11	2.15		
Iron	-	0.1	0.3	0.389^J	0.254^J	0.116^J	< 0.060 ^J	< 0.060 ^J	0.295^J	0.146	0.164	< 0.060	< 0.060	< 0.060	< 0.060		
Manganese	-	0.05	0.05	0.01900	0.01470	0.00531 ^J	0.00418 ^J	0.00916 ^J	0.0195 ^J	0.00919	0.01250	< 0.00100	< 0.00100 ^J	< 0.00100	< 0.00100		
Sulfate	-	-	250	8.14	8.24	10.40	10.50	7.76	8.24	7.47	7.55	15.00	15.60	14.90	14.50		
Calcium	-	-	-	26.70	26.10	29.40	29.40	25.30	26.10	26.20	25.90	35.60	38.50	37.00	37.10		
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
Bicarbonate	-	-	-	98.7	99.4	103	103	98.3	96.8	95.7	97.4	169	148	149	151		
TDS	-	-	500	128	132	123	126	132	149	144	111	177	188	203	187		

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

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Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		Hale's Ale Nested Site, mid				Felts Field City monitoring well				Olive & Fiske monitoring well					
WQMP Well ID		5311J07				5312C01				5315L01					
SampleID/Comment		5311J07	5311J07	5311J07	5311J07	5312C01	5312C01	5312C01	5312C01	5315L01	5315L01	5315L01	5315L01		
Quarter		1	2	3	4	1	2	3	4	1	2	3	4		
Sample Date		2/10/2009	5/13/2009	8/11/2009	11/18/2009	2/10/2009	5/12/2009	8/11/2009	11/17/2009	2/11/2009	5/13/2009	8/12/2009	11/18/2009		
Static Water Level (ft)		64.71	58.25	67.99	66.80	60.61	55.03	63.07	62.71	66.63	61.12	69.62	68.62		
Average Static Water Level (ft)															
Sample Depth (ft)		105	106	105	105.1	68	68	68	68	68	68	70.5	70		
Conductivity (µS/cm)		291.00	324.00	332.00	383.00	178.00	195.00	182.00	252.00	273.00	255.00	233.00	274.00		
Water Temperature (C°)		9.40	10.90	11.10	10.41	11.00	13.40	14.27	11.09	12.38	13.06	12.74	11.51		
pH		7.75	7.72	7.96	7.85	7.96	7.93	8.37	8.54	7.11	7.39	8.22	8.05		
Analytes	Washington Drinking Water Standards														
	MCL ¹	Trigger Level ²	Secondary												
Phosphorus	-	-	-	0.004	0.003	0.005	0.004	0.017	0.031	0.021	0.016	0.005	0.006	0.004	0.005
Ortho-Phosphate	-	-	-	0.004	0.003	0.003	0.002	0.017	0.015	0.017	0.014	0.005	0.003	0.003	0.003
Nitrate+Nitrite	10	5	-	1.49	1.61	1.77	1.56	0.710	0.902	1.01	1.05	1.01	1.21	1.16	1.01
Arsenic	0.01	0.005	-	0.00308	0.00229	0.00226	0.00219	0.00651	0.00703	0.00768	0.00626	0.00236	0.001	0.00243	0.00116
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00310	0.00156	< 0.00100	0.00291	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.000200J	< 0.00020	< 0.00020	< 0.00020	< 0.00020J	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	< 0.00125	< 0.00150	< 0.00150	< 0.00125	< 0.00125	< 0.00150	< 0.00150	0.00137	0.00147	< 0.00150	< 0.00150
Fluoride	4	0.5	2	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	0.124	< 0.100	< 0.100	0.142	< 0.100	< 0.100	< 0.100
Chloride	-	250	250	6.00	5.97	7.39	6.07	2.39	2.65	2.79	2.97	13.60	10.10	4.94	5.37
Sodium	-	-	-	3.82	3.94	4.11	4.30	3.41	3.12	3.06	3.66	3.38	3.44	3.14	3.28
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Magnesium	-	-	-	15.70	16.70	16.70	17.50	6.52	6.52	6.29	7.48	10.50	10.70	10.00	10.20
Potassium	-	-	-	2.03	2.03	2.10	2.18	1.48	1.42	1.41	1.48	1.80	1.80	1.66	1.75
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	0.111	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100 ^J	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00248 ^J	< 0.00100	< 0.00100
Sulfate	-	-	250	15.20	15.80	14.60	14.50	8.85	8.36	7.96	10.60	8.65	10.40	8.83	8.62
Calcium	-	-	-	34.90	37.20	36.20	37.60	24.20	24.50	23.00	27.40	30.70	31.80	28.70	28.60
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	169	133	147	149	103	88.5	79.8	96.4	106	106	117	107
TDS	-	-	500	187	183	198	187	114	122	114	119	149	144	147	143

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

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Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name				Third & Havana Nested Site, east			
WQMP Well ID				5322A01			
SampleID/Comment				5322A01	5322A01	5322A01	5322A01
Quarter				1	2	3	4
Sample Date				2/11/2009	5/13/2009	8/12/2009	11/18/2009
Static Water Level (ft)				48.97	43.24	52.27	51.14
Average Static Water Level (ft)							
Sample Depth (ft)				50	48	53.5	53
Conductivity (µS/cm)				280.00	267.00	261.00	310.00
Water Temperature (C°)				12.39	13.24	13.30	12.66
pH				8.49	7.72	8.06	7.93
Analytes	Washington Drinking Water Standards						
	MCL ¹	Trigger Level ²	Secondary				
Phosphorus	-	-	-	0.010	0.013	0.008	0.008
Ortho-Phosphate	-	-	-	0.009	0.013	0.007	0.007
Nitrate+Nitrite	10	5	-	1.39	1.69	1.63	1.45
Arsenic	0.01	0.005	-	0.00299	0.00257	0.00251	0.00258
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	< 0.00125	< 0.00150	< 0.00150
Fluoride	4	0.5	2	0.131	< 0.100	< 0.100	< 0.100
Chloride	-	250	250	8.06	7.60	5.58	5.56
Sodium	-	-	-	4.70	4.88	4.16	4.52
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Magnesium	-	-	-	10.60	10.60	10.80	11.20
Potassium	-	-	-	1.96	1.92	1.82	1.98
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100 ^J	< 0.00100	< 0.00100
Sulfate	-	-	250	9.16	10.40	9.32	9.12
Calcium	-	-	-	32.70	33.60	32.60	33.40
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	116	113	120	118
TDS	-	-	500	163	149	172	153

All results reported in mg/l (ppm)

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Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		Third & Havana Nested Site, mid				Plantess Ferry Park monitoring well			monitoring well Frederick & Bowdish					
WQMP Well ID		5322A03				5404A01			5409C02					
SampleID/Comment		5322A03	5322A03	5322A03	5322A03	5404A01	5404A01	5404A01	5409C02	5409C02	5409C02	5409C02		
Quarter		1	2	3	4	2	3	4	1	2	3	4		
Sample Date		2/11/2009	5/13/2009	8/12/2009	11/18/2009	5/12/2009	8/11/2009	11/17/2009	2/10/2009	5/12/2009	8/11/2009	11/17/2009		
Static Water Level (ft)		48.92	43.14	52.22	51.08	44.00	49.74	48.98	90.22	85.64	92.02	92.52		
Average Static Water Level (ft)														
Sample Depth (ft)		90	90	90	90	109.5	109	109.5	91.5	86.5	93	93.5		
Conductivity (µS/cm)		279.00	267.00	270.00	314.00	306.00	305.00	359.00	264.00	286.00	287.00	343.00		
Water Temperature (C°)		12.43	13.25	12.54	12.18	12.90	13.08	13.29	8.70	10.70	10.90	10.95		
pH		8.51	7.75	8.10	7.91	6.56	6.85	6.94	6.87	7.58	7.90	7.90		
Analytes	Washington Drinking Water Standards													
	MCL ¹	Trigger Level ²	Secondary											
Phosphorus	-	-	-	0.009	0.008	0.008	0.008	0.284	0.301	0.320	0.005	0.009	0.007	0.006
Ortho-Phosphate	-	-	-	0.009	0.008	0.007	0.007	0.022	0.040	0.195	0.005	0.005	0.006	0.005
Nitrate+Nitrite	10	5	-	1.41	1.52	1.69	1.50	0.054	< 0.05	< 0.05	1.48	1.68	1.61	1.57
Arsenic	0.01	0.005	-	0.00276	0.00256	0.00294	0.00196	< 0.001	< 0.001	< 0.001	0.00477	0.00444	0.00489	0.00482
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020J	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	< 0.00125	< 0.00150	0.00437	< 0.00125	< 0.00150	< 0.00150	< 0.00125	< 0.00125	< 0.00150	< 0.00150
Fluoride	4	0.5	2	0.134	< 0.100	< 0.100	< 0.100	0.302	0.276	0.216	< 0.100	0.112	< 0.100	< 0.100
Chloride	-	250	250	7.59	7.64	6.09	6.00	1.92	1.82	1.94	3.40	3.47	2.83	2.82
Sodium	-	-	-	4.67	4.82	4.45	4.65	10.80	10.70	11.00	3.58	3.72	3.66	3.79
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	0.10900
Magnesium	-	-	-	10.50	10.80	11.30	11.20	13.00	12.90	13.20	12.30	13.00	12.90	13.20
Potassium	-	-	-	1.89	1.90	1.87	1.97	4.92	5.34	5.22	1.85	1.80	1.87	1.84
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	6.250	5.810	6.230	0.229	1.720	0.101	0.420
Manganese	-	0.05	0.05	< 0.00100	< 0.00100 ^J	< 0.00100	< 0.00100	0.37000	0.34200	0.30200	0.00750	0.02880	0.00430	0.01200
Sulfate	-	-	250	10.10	10.30	9.77	9.40	23.60	21.40	22.10	12.10	12.10	11.40	11.80
Calcium	-	-	-	31.50	33.40	33.80	32.70	26.20	26.20	26.40	33.60	35.20	34.50	35.20
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	118	115	121	121	131	141	133	155	133	133	141
TDS	-	-	500	157	161	164	149	230	223	193	164	164	168	155

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

R-The data are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		Sullivan Park South, monitoring well					Sullivan Road and Centennial Trail, monitoring well					
WQMP Well ID		5411R03					5411R04					
SampleID/Comment		5411R03	5411R03A	5411R03	5411R03	5411R03	5411R04	5411R04	5411R04	5411R04		
Quarter		1	1	2	3	4	1	2	3	4		
Sample Date		2/10/2009	2/10/2009	5/12/2009	8/11/2009	11/17/2009	2/10/2009	5/12/2009	8/11/2009	11/17/2009		
Static Water Level (ft)		31.33		23.66	35.07	33.55	52.99	46.71	56.20	55.19		
Average Static Water Level (ft)												
Sample Depth (ft)		32.5		27.3	36.05	35	54	48	57.5	56.5		
Conductivity (µS/cm)		211.00		207.00	243.00	286.00	208.00	161.00	226.00	319.00		
Water Temperature (C°)		8.90		11.20	12.78	11.46	9.10	9.30	11.70	10.67		
pH		7.56		7.79	7.97	7.86	7.66	7.87	8.04	7.87		
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	0.005	0.005	0.007	0.006	0.005	0.005	0.006	0.005	0.005
Ortho-Phosphate	-	-	-	0.004	0.004	0.004	0.005	0.004	0.004	0.003	0.003	0.004
Nitrate+Nitrite	10	5	-	0.967	0.946	0.896	1.03	1.01	0.982	0.648	1.03	1.07
Arsenic	0.01	0.005	-	0.00317	0.00334	0.00319	0.00296	0.00150	0.00204	0.00206	0.00259	0.00127
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020J	< 0.00020J	< 0.00020	< 0.00020	< 0.00020	< 0.00020J	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	0.00207	0.00191	< 0.00125	< 0.00150	< 0.00150	< 0.00125	< 0.00125	< 0.00150	< 0.00150
Fluoride	4	0.5	2	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100
Chloride	-	250	250	2.42	2.40	2.78	2.08	2.06	2.08	2.28	2.11	2.03
Sodium	-	-	-	2.66	2.60	2.70	2.74	2.85	2.54	2.52	2.80	2.96
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Magnesium	-	-	-	11.20	10.90	9.73	11.80	12.00	11.20	7.54	11.50	13.60
Potassium	-	-	-	1.61	1.56	1.48	1.75	1.75	1.63	1.20	1.64	1.80
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Sulfate	-	-	250	11.70	11.70	10.30	11.30	12.00	11.60	8.26	11.20	13.80
Calcium	-	-	-	25.60	24.90	23.10	27.30	28.10	25.50	17.30	26.00	31.50
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	123	125	93.5	114	115	124	72.3	105	130
TDS	-	-	500	137	130	129	147	126	132	94	126	164

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

R-The data are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		Trent & Barker Road, monitoring well					Euclid & Barker monitoring well at CID5				Barker Road north of river, monitoring well						
WQMP Well ID		5505D01					5507A04				5507H01						
SampleID/Comment		5505D01	5505D01A duplicate	5505D01	5505D01	5505D01	5507A04	5507A04	5507A04	5507A04	5507H01	5507H01	5507H01	5507H01			
Quarter		1	1	2	3	4	1	2	3	4	1	2	3	4			
Sample Date		2/9/2009	2/9/2009	5/11/2009	8/10/2009	11/16/2009	2/9/2009	5/11/2009	8/10/2009	11/16/2009	2/9/2009	5/11/2009	8/10/2009	11/17/2009			
Static Water Level (ft)		91.92		88.55	93.93	94.03	69.06	65.38	71.21	71.46	47.49	43.38	49.31	49.71			
Average Static Water Level (ft)																	
Sample Depth (ft)		93		89.5	95	95	70	66.5	72	72.5	48.5	44	50.5	51			
Conductivity (µS/cm)		370.00		357.00	360.00	403.00	421.00	348.00	353.00	415.00	57.00	72.00	53.00	57.00			
Water Temperature (C°)		9.90		12.50	12.18	11.02	8.60	11.50	11.14	10.06	4.70	9.90	24.12	9.90			
pH		7.87		7.56	7.92	7.77	7.22	7.55	7.69	7.72	7.85	7.01	7.15	7.64			
Analytes	Washington Drinking Water Standards																
	MCL ¹	Trigger Level ²	Secondary														
Phosphorus	-	-	-	0.009	0.009	0.013	0.011	0.011	0.003	0.004	0.003	0.004	0.022	0.032	0.027	0.015	
Ortho-Phosphate	-	-	-	0.007	0.008	0.009	0.009 ^J	0.010	0.002	0.001	0.002 ^J	0.002	0.016	0.022	0.025 ^J	0.014	
Nitrate+Nitrite	10	5	-	3.02	2.91	3.33	2.93	2.63	1.54	1.64	1.48	1.40	0.238	0.248	0.164	0.165	
Arsenic	0.01	0.005	-	0.00436	0.00416	0.00512	0.00458	0.00406	0.00100	0.00251	0.002	0.00132	< 0.001	< 0.001	< 0.001	< 0.001	
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00158	< 0.00100	< 0.00100	< 0.00100	< 0.00100	
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000223	< 0.000200	< 0.000200	< 0.000200	
Chromium	0.1	0.02	-	< 0.00125	< 0.00125	< 0.00100	< 0.00150	< 0.00150	< 0.00125	< 0.00100	< 0.00150	< 0.00150	< 0.00125	< 0.00100	< 0.00150	< 0.00150	
Fluoride	4	0.5	2	0.150	0.169	< 0.100	< 0.100	< 0.100	0.136	< 0.100	< 0.100	< 0.100	0.121	< 0.100	< 0.100	< 0.100	
Chloride	-	250	250	4.00	4.00	4.74	5.55	4.28	1.88	2.22	1.95	2.04	1.56	3.08	1.32	1.35	
Sodium	-	-	-	5.61	5.52	6.00	5.60	5.80	2.95	3.26	2.95	3.07	1.64	2.78	1.91	1.84	
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	0.03580	< 0.00500	0.01860	0.01960	
Magnesium	-	-	-	12.70	12.40	13.80	13.30	13.00	17.00	18.70	17.80	18.00	1.54	2.08	1.47	1.58	
Potassium	-	-	-	2.32	2.26	2.43	2.31	2.34	1.98	2.17	2.00	2.05	0.54	0.77	1.00	0.66	
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00103	0.00104	< 0.00100	< 0.00100	
Sulfate	-	-	250	10.50	10.30	12.80	13.20	10.90	15.00	17.80	18.70	16.30	4.09	7.71	3.56	3.95	
Calcium	-	-	-	44.00	43.00	45.90	45.40	45.40	39.50	42.30	40.40	41.60	5.19	7.19	5.02	5.30	
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Bicarbonate	-	-	-	184	183	170	167	159	190	171	172	172	18.5	24.4	19.3	17.6	
TDS	-	-	500	231	229	187	205	202	207	180	202	201	31	40	43	32	

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

R-The data are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		Barker Road Centennial Trail North, monitoring well				Barker Road Centennial Trail South, monitoring well				Mission & Barker monitoring well at CID 4					
WQMP Well ID		5508M01				5508M02				5517D05					
SampleID/Comment		5508M01	5508M01	5508M01	5508M01	5508M02	5508M02	5508M02	5508M02	5517D05	5517D05	5517D05	5517D05		
Quarter		1	2	3	4	1	2	3	4	1	2	3	4		
Sample Date		2/9/2009	5/11/2009	8/10/2009	11/16/2009	2/9/2009	5/11/2009	8/10/2009	11/16/2009	2/9/2009	5/11/2009	8/10/2009	11/16/2009		
Static Water Level (ft)		66.03	62.09	68.27	68.37	66.87	63.10	69.10	69.24	83.50	79.88	85.82	85.97		
Average Static Water Level (ft)															
Sample Depth (ft)		67	63.1	69	69	68	64	70	70	86	81	87	87		
Conductivity (µS/cm)		52.00	53.00	57.00	61.00	49	54.00	56.00	61.00	131.00	103.00	102.00	116.00		
Water Temperature (C°)		6.80	8.00	17.91	16.26	6.90	8.00	16.58	16.78	11.70	13.90	13.11	11.94		
pH		6.84	6.20	6.84	6.89	6.84	6.25	6.80	7.19	6.58	6.61	7.33	7.73		
Analytes	Washington Drinking Water Standards														
	MCL ¹	Trigger Level ²	Secondary												
Phosphorus	-	-	-	0.007	0.009	0.012		0.006	0.008	0.011	0.008	0.004	0.004	0.005	0.004
Ortho-Phosphate	-	-	-	0.005	0.008	0.010 ^J		0.003	0.005	0.008 ^J	0.007	0.002	0.002	0.003 ^J	0.003
Nitrate+Nitrite	10	5	-	0.176	0.142	0.236	0.182	0.144	0.112	0.259	0.175	0.494	0.687	0.454	0.507
Arsenic	0.01	0.005	-	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.00122	0.00119	< 0.001
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00227	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	0.000201	0.00024	0.000227	D 0.000207	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	< 0.00100	< 0.00150	< 0.00150	< 0.00125	< 0.00100	< 0.00150	< 0.00150	< 0.00125	0.00141	< 0.00150	< 0.00150
Fluoride	4	0.5	2	0.127	< 0.100	< 0.100	< 0.100	0.318	< 0.100	< 0.100	< 0.100	0.327	< 0.100	< 0.100	< 0.100
Chloride	-	250	250	1.31	1.89	2.07	1.27	1.21	1.89	2.09	1.26	1.68	1.96	2.56	1.61
Sodium	-	-	-	1.47	1.86	1.94	1.81	1.39	1.87	1.95	1.85	1.88	2.01	1.90	1.91
Zinc	-	5	5	0.03370	0.03610	0.02630	0.02750	< 0.00500	0.01150	0.01040	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Magnesium	-	-	-	1.47	1.64	1.62	1.59	1.43	1.73	1.64	1.53	3.55	3.79	3.93	3.79
Potassium	-	-	-	0.55	0.61	0.85	0.76	0.57	0.64	0.78	0.81	1.08	1.08	1.05	1.00
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	0.395	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00107	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Sulfate	-	-	250	3.87	4.95	4.36	3.76	3.86	5.05	4.08	3.69	4.31	5.97	6.06	4.62
Calcium	-	-	-	5.16	5.48	5.69	5.54	5.05	5.80	5.68	5.45	10.50	10.90	11.50	11.10
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	19.2	19.1	23.3	18.6	19	19.8	23	18.6	50.2	46.2	42.8	45.6
TDS	-	-	500	59	33	45	31	56	32	31	27	87	62	79	65

All results reported in mg/l (ppm)

¹ Maximum Contaminant Levels

² Trigger level identified on WA Dept of Health analytical results forms.

³ Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

R-The data are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		Fire Station Houston & Regal, No. Spokane WD								Holy Cross, Rhoades & Washington monitoring well					
WQMP Well ID		6327N04								6330J01					
SampleID/Comment		6327N04	6327N04A duplicate	6327N04	6327N04A duplicate	6327N04	6327N04A duplicate	6327N04	6327N04A duplicate	6330J01	6330J01	6330J01	6330J01		
Quarter		1	1	2	2	3	3	4	4	1	2	3	4		
Sample Date		2/12/2009	2/12/2009	5/14/2009	5/14/2009	8/13/2009	8/13/2009	11/19/2009	11/19/2009	2/12/2009	5/14/2009	8/13/2009	11/19/2009		
Static Water Level (ft)		187.26		184.58		188.14		189.19		208.42	207.61	211.00	210.76		
Average Static Water Level (ft)															
Sample Depth (ft)		189		186		189.5		191.5		210	208.5	212	212		
Conductivity (µS/cm)		386.00		393.00		486.00		529.00		242.00	264.00	260.00	324.00		
Water Temperature (C°)		11.90		13.10		12.58		12.45		11.00	13.30	13.01	12.09		
pH		6.50		7.67		7.94		7.85		7.28	7.93	8.26	8.11		
Analytes	Washington Drinking Water Standards														
	MCL ¹	Trigger Level ²	Secondary												
Phosphorus	-	-	-	0.005	0.004	0.003	0.003	0.002	0.002	0.023 ^R	0.005	0.004	0.004	0.003	0.004
Ortho-Phosphate	-	-	-	0.004	0.003	0.003	0.002	< 0.001	< 0.001	0.002	0.002	0.003	0.002	0.001	0.002
Nitrate+Nitrite	10	5	-	2.21	2.19	2.59	2.18	3.16	3.25	3.87	3.83	1.28	1.09	1.00	1.49
Arsenic	0.01	0.005	-	0.00197	0.00220	0.00152	0.00172	0.00168	0.00167	0.00142	0.00165	0.00351	0.00318	0.00332	0.00323
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	0.0055	0.00416	< 0.00125	< 0.00125	< 0.00150	< 0.00150	0.00263	0.00293	0.00421	0.00286	< 0.00150	< 0.00150
Fluoride	4	0.5	2	< 0.100	< 0.100	0.178	0.174	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	0.182	< 0.100	< 0.100
Chloride	-	250	250	10.20	9.93	10.60	11.30	17.40	16.80	15.70	15.60	4.05	3.35	3.10	5.34
Sodium	-	-	-	8.26	8.09	8.84	9.81	11.80	10.90	12.70	12.60	3.25	3.37	3.19	3.28
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Magnesium	-	-	-	20.00	20.10	20.30	22.40	27.90	27.00	25.70	26.20	14.60	14.80	14.30	15.80
Potassium	-	-	-	3.10	3.09	2.96	3.23	4.14	3.98	3.80	3.75	1.85	1.73	1.84	1.84
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	0.139	0.107	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	0.00101	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00413	0.00398	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Sulfate	-	-	250	18.20	18.00	17.10	18.10	24.00	23.40	21.90	21.50	13.50	13.10	14.30	12.90
Calcium	-	-	-	31.80	31.10	35.00	36.20	38.50	37.60	37.70	38.70	27.70	29.40	26.40	29.20
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	180	180	150	157	191	191	182	179	142	121	117	123
TDS	-	-	500	189	183	164	171	279	304	211	204	136	113	166	161

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

R-The data are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		Franklin Park, City monitoring well				East Valley High School monitoring well				Idaho Road 1000 ft south of Trent, monitoring well						
WQMP Well ID		6331J01				6436N01				6524R01						
SampleID/Comment		6331J01	6331JO1	6331JO1	6331JO1	6436N01	6436NO1	6436NO1	6436N01	6524R01	6524R01	6524R01A duplicate	6524R01	6524R01A duplicate		
Quarter		1	2	3	4	1	2	3	4	2	3	3	4	4		
Sample Date		2/12/2009	5/14/2009	8/13/2009	11/19/2009	2/10/2009	5/12/2009	8/11/2009	11/17/2009	5/11/2009	8/10/2009	8/10/2009	11/16/2009	11/16/2009		
Static Water Level (ft)		203.78	201.48	206.49	206.20	113.83	109.20	117.27	116.56	124.04	126.55		127.31			
Average Static Water Level (ft)																
Sample Depth (ft)		208.5	208.5	208.5	208.5	115	110.5	118.5	117.5	125	128		128.5			
Conductivity (µS/cm)		214.00	240.00	239.00	281.00	450.00	457.00	549.00	804.00	301.00	294		333.00			
Water Temperature (C°)		10.70	13.60	13.32	12.62	11.90	11.10	13.38	14.84	12.00	11.41		10.67			
pH		7.47	7.99	8.33	8.18	7.07	7.32	7.53	7.26	7.64	7.93		7.81			
Analytes	Washington Drinking Water Standards															
	MCL ¹	Trigger Level ²	Secondary													
Phosphorus	-	-	-	0.006	0.006	0.007	0.004	0.054	0.066	0.071	0.056	0.005	0.004	0.004	0.007	0.006
Ortho-Phosphate	-	-	-	0.003	0.003	0.002	0.002	0.045	0.057	0.055	0.054	0.002	0.002 ^J	0.002 ^J	0.003	0.003
Nitrate+Nitrite	10	5	-	1.09	0.981	1.03	1.07	4.45	4.81	4.15	7.48	2.16	1.80	1.66	1.94	1.97
Arsenic	0.01	0.005	-	0.00396	0.00380	0.00347	D 0.00336	0.00244	0.00273	0.00320	D 0.00176	0.00369	0.00359	0.00384	0.00250	0.00220
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00174	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020 ^J	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	0.00257	0.00316	0.0047	0.0017	0.00795	0.00174	< 0.00150	< 0.00150	< 0.00100	< 0.00150	< 0.00150	0.00161	< 0.00150
Fluoride	4	0.5	2	< 0.100	0.167	< 0.100	< 0.100	< 0.100	0.233	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100
Chloride	-	250	250	3.13	3.24	3.05	3.08	11.00	11.60	8.50	8.09	2.74	2.44	2.55	2.54	2.53
Sodium	-	-	-	2.87	3.04	2.86	3.00	9.66	10.50	9.22	9.22	3.61	3.27	3.15	3.22	3.17
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Magnesium	-	-	-	12.50	13.00	12.30	13.20	22.90	20.80	27.90	37.20	14.70	14.00	14.00	13.70	13.50
Potassium	-	-	-	1.70	1.65	1.73	1.70	3.84	3.42	4.00	4.62	2.13	1.95	1.97	1.97	1.94
Iron	-	0.1	0.3	< 0.060	0.346	0.167	< 0.060	0.486	< 0.060	0.104	0.092	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	0.00713	0.00390	< 0.00100	0.01070	< 0.00100	0.00279	0.00232	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Sulfate	-	-	250	11.70	11.60	11.60	11.10	19.10	19.80	15.90	19.70	10.70	10.60	10.70	9.99	9.11
Calcium	-	-	-	25.70	27.60	25.50	27.10	52.90	51.20	64.70	77.90	36.00	34.60	34.60	34.30	33.70
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	129	110	110	110	250	198	266	335	146	140	138	134	135
TDS	-	-	500	121	113	158	146	291	271	331	395	152	168	163	160	163

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

R-The data are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		Idaho Road 300 ft south of pipeline, monitoring well					Idaho Road - East Farms monitoring well at CID11				I.E. COLD STORAGE					
WQMP Well ID		6525R01					6631M07				5213B01					
SampleID/Comment		6525R01	6525R01	6525R01A duplicate	6525R01	6525R01	6631M07	6631M07	6631M07	6631M07	5213B01	5213BOI	5213BO1	5213B01		
Quarter		1	2	2	3	4	1	2	3	4	1	2	3	4		
Sample Date		2/9/2009	5/11/2009	5/11/2009	8/10/2009	11/16/2009	2/9/2009	5/11/2009	8/10/2009	11/16/2009	1/27/2009	4/21/2009	7/28/2009	10/27/2009		
Static Water Level (ft)		103.82	102.05		104.71	105.51	114.76	112.86	115.70	116.44						
Average Static Water Level (ft)																
Sample Depth (ft)		105	103		106	106.5	116	114	117	117.5						
Conductivity (µS/cm)		330.00	302.00		311.00	355.00	272.00	263.00	267.00	316.00	377.00	343.00	319.00			
Water Temperature (C°)		8.90	11.00		11.25	10.09	11.60	14.10	14.85	13.99	10.40	12.00	13.20	11.62		
pH		7.70	7.66		7.85	7.93	7.16	7.65	7.89	7.88	6.79	6.47	6.66	6.48		
Analytes	Washington Drinking Water Standards															
	MCL ¹	Trigger Level ²	Secondary													
Phosphorus	-	-	-	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.006	0.006	0.009	0.009	0.009	0.009
Ortho-Phosphate	-	-	-	< 0.001	0.001	0.001	0.002 ^J	0.003	0.002	0.003	0.003 ^J	0.004	0.007	0.006	0.008	0.008
Nitrate+Nitrite	10	5	-	1.02	0.956	0.926	0.919	0.949	1.38	1.46	1.27	1.41	2.36	2.23	1.84	2.35
Arsenic	0.01	0.005	-	0.00210	0.00244	0.00244	0.00225	0.00209	0.00459	0.00453	0.00535	0.00437	0.00198	0.00207	0.00178	0.00212
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00124	0.00131	0.00116	0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	0.00266	< 0.00150	< 0.00150	< 0.00150	< 0.00125	0.00277	< 0.00150	< 0.00150	< 0.00125	< 0.00100	< 0.00150	< 0.00150
Fluoride	4	0.5	2	0.142	< 0.100	< 0.100	< 0.100	< 0.100	0.139	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100
Chloride	-	250	250	1.46	1.80	1.82	1.54	1.65	3.12	3.52	4.29	3.35	19.10	24.40	24.10	23.70
Sodium	-	-	-	2.84	3.06	3.06	2.88	3.02	2.67	2.85	2.61	2.85	7.87	8.69	7.30	8.48
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	0.00449	< 0.00500	< 0.00500
Magnesium	-	-	-	16.10	16.80	16.80	17.40	17.00	12.40	13.20	13.00	13.60	11.50	13.20	11.40	12.40
Potassium	-	-	-	1.88	1.91	1.90	1.96	1.97	2.07	2.13	2.04	2.15	2.24	2.39	2.31	2.46
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Sulfate	-	-	250	14.70	17.50	17.50	18.70	15.90	9.40	11.40	12.90	10.80	15.60	17.7 ^J	14.70	17.90
Calcium	-	-	-	32.50	34.20	33.90	34.00	34.00	28.10	29.50	29.20	30.50	35.00	39.90	34.50	38.10
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	165	151	150	151	146	139	125	123	124	145	124	111	124
TDS	-	-	500	193	169	167	168	171	140	141	146	155	180	199 ^J	166	165

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

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Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		CITY of SPOKANE-Nevada				ORCHARD AVE IRRIG DIST, Site 1		CITY of SPOKANE-Ray					
WQMP Well ID		5308A02				5312H01		5322F01					
SampleID/Comment		5308A02	5308A02	5308A02	5308A02, pump #4	5312H01	5312H01	5322F01	5322F01	5322F01	5322F01, pump #2		
Quarter		1	2	3	4	1	3	1	2	3	4		
Sample Date		1/27/2009	4/21/2009	7/28/2009	10/27/2009	1/27/2009	7/28/2009	1/27/2009	4/21/2009	7/28/2009	10/27/2009		
Static Water Level (ft)													
Average Static Water Level (ft)													
Sample Depth (ft)													
Conductivity (µS/cm)		265.00	224.00	216.00		275.00	299	475	470	334			
Water Temperature (C°)		10.40	12.60	12.70	10.86	10.20	13.3	10.7	12.9	13.5	11.5		
pH		7.17	6.92	6.77	7.18	8.08	7.62	7.49	7.18	6.93	7.31		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.006	0.004	0.007	0.004	0.018	0.019	0.021	0.023	0.019	0.020
Ortho-Phosphate	-	-	-	0.005	0.002	0.005	0.003	0.015	0.018	0.021	0.023	0.018	0.019
Nitrate+Nitrite	10	5	-	1.34	1.07	1.08	1.14	1.52	2.26	3.64	3.91	2.36	3.59
Arsenic	0.01	0.005	-	0.00193	0.00128	0.00178	0.00183	0.00488	0.00398	0.00392	0.0038	0.0033	0.00395
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00251	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	0.00114	< 0.00100	< 0.00100	< 0.00100	0.00196	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	< 0.00100	< 0.00150	< 0.00150	< 0.00125	< 0.00150	< 0.00125	< 0.00100	< 0.00150	< 0.00150
Fluoride	4	0.5	2	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	0.106	< 0.100	< 0.100	< 0.100	< 0.5
Chloride	-	250	250	5.48	5.77	4.21	5.17	3.24	4.52	16.6	20.4	10.2	18.2
Sodium	-	-	-	3.23	3.04	2.69	3.17	3.57	4.06	9.24	10.1	6.31	9.39
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	0.01260	0.01340	< 0.00500	0.00330	< 0.00500	0.00667
Magnesium	-	-	-	9.75	9.43	9.26	9.87	11.20	13.40	16.1	17.2	12.9	17
Potassium	-	-	-	1.67	1.63	1.58	1.70	1.82	2.10	2.77	2.86	2.39	2.93
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Sulfate	-	-	250	10.50	10.6 ^J	9.31	9.48	10.90	12.70	17.70	20.8 ^J	12.70	17.20
Calcium	-	-	-	29.10	28.00	25.70	27.90	30.00	35.30	50.2	53.1	39.1	52
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	129	102	101	108	147	142	213	182	149	186
TDS	-	-	500	127	131 ^J	107	109	155	153	243	255 ^J	176	232

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

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Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		E. SPOKANE WTR DIST, Site 1			E. SPKN Well 3	PASADENA PARK #2				Orchard Ave Irrig Dist Site 2			
WQMP Well ID		5324G01			5324J01	5405K01				5407C01			
SampleID/Comment		5324G01	5324G01	5324G01	5324J01	5405K01	5405K01	5405K01	5405K01	5407C01	5407C01		
Quarter		1	2	3	4	1	2	3	4	2	4		
Sample Date		1/27/2009	4/21/2009	7/28/2009	10/27/2009	1/27/2009	4/21/2009	7/28/2009	10/27/2009	4/21/2009	10/27/2009		
Static Water Level (ft)													
Average Static Water Level (ft)													
Sample Depth (ft)													
Conductivity (µS/cm)		467	448.00	455.00		215.00	204.00	200.00		309.00			
Water Temperature (C°)		10.30	12.10	12.90	11.02	11.20	12.00	12.50	10.03	15.10	14.80		
pH		7.63	7.43	7.23	7.09	8.20	7.78	7.63	7.62	7.66	7.87		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.031	0.028	0.020	0.075	0.007	0.007	0.007	0.008	0.015	0.014
Ortho-Phosphate	-	-	-	0.027	0.028	0.020	0.070	0.006	0.005	0.007	0.007	0.014	0.014
Nitrate+Nitrite	10	5	-	3.86	4.07	3.87	4.81	1.40	1.62	1.49	0.918	2.23	1.43
Arsenic	0.01	0.005	-	0.00406	0.00362	0.00425	0.00181	0.00119	< 0.001	< 0.001	0.00122	0.00393	0.00385
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	0.00215	0.00112	< 0.00100	0.00343	0.00146	< 0.00100	0.00182	0.00174	0.00363	0.00157
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	< 0.00100	< 0.00150	< 0.00150	< 0.00125	< 0.00100	< 0.00150	< 0.00150	< 0.00100	< 0.00150
Fluoride	4	0.5	2	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	0.718	< 0.100	< 0.100	< 0.100	< 0.100
Chloride	-	250	250	15.00	19.40	17.30	24.80	3.60	5.39	4.31	2.81	6.19	3.98
Sodium	-	-	-	9.77	9.92	9.90	14.00	3.67	4.27	4.03	3.85	4.39	4.10
Zinc	-	5	5	< 0.00500	0.00382	0.00581	< 0.00500	< 0.00500	0.00270	< 0.00500	< 0.00500	0.01030	< 0.00500
Magnesium	-	-	-	16.80	18.40	18.90	15.60	6.83	8.05	7.67	7.32	14.30	13.00
Potassium	-	-	-	2.93	3.06	3.40	2.81	1.86	1.93	1.91	1.97	2.12	2.18
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	0.214	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.01720	< 0.00100
Sulfate	-	-	250	17.30	19.6 ^J	18.60	17.00	10.40	12.00 ^J	11.30	9.36	15.2 ^J	11.30
Calcium	-	-	-	50.40	54.00	56.50	50.90	21.40	25.10	23.60	22.90	37.10	33.00
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	219	192	196	169	95.1	85	84.5	87	139	132
TDS	-	-	500	208	276 ^J	257	193	107	132 ^J	107	92	183 ^J	128

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

R-The data are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		MODERN ELECT WATER, Site 6				Spokane Co Water Dist #3, Site 2-5, 26th & Vercler										
WQMP Well ID		5408N01				5427L01										
SampleID/Comment		5408N01	5408N01	5408N01	5408N01	5427L01	5427L01A duplicate	5427L01	5427L01A duplicate	5427L01	5427L01A duplicate	5427L01	5427L01A duplicate			
Quarter		1	2	3	4	1	1	2	2	3	3	4	4			
Sample Date		1/27/2009	4/21/2009	7/28/2009	10/27/2009	1/27/2009	1/27/2009	4/21/2009	4/21/2009	7/28/2009	7/28/2009	10/27/2009	10/27/2009			
Static Water Level (ft)																
Average Static Water Level (ft)																
Sample Depth (ft)																
Conductivity (µS/cm)		278.00	259.00	258.00		403.00		387.00		412.00						
Water Temperature (C°)		10.30	12.70	12.80	10.46	9.30		13.10		13.40		10.74				
pH		8.32	8.01	7.86	7.77	7.71		7.54		7.80		7.40				
Analytes	Washington Drinking Water Standards															
	MCL ¹	Trigger Level ²	Secondary													
Phosphorus	-	-	-	0.004	0.005	0.005	0.004	0.007	0.006	0.007	0.007	0.007	0.007	0.006	0.006	
Ortho-Phosphate	-	-	-	0.003	0.002	0.004	0.004	0.005	0.005	0.004	0.004	0.006	0.006	0.006	0.006	
Nitrate+Nitrite	10	5	-	1.43	1.43	1.41	1.31	2.87	2.79	3.00	3.02	3.11	3.13	2.90	2.91	
Arsenic	0.01	0.005	-	0.00219	0.00217	0.002	0.00205	0.00300	0.00410	0.00356	0.00352	0.00294	0.00338	0.00423	0.00410	
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00258	0.00245	0.00132	0.00142	< 0.00100	0.00102	0.00309	0.00341	
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	
Chromium	0.1	0.02	-	< 0.00125	< 0.00100	< 0.00150	< 0.00150	< 0.00125	< 0.00125	< 0.00100	< 0.00100	< 0.00150	< 0.00150	< 0.00150	< 0.00150	
Fluoride	4	0.5	2	< 0.100	< 0.100	0.126	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	
Chloride	-	250	250	3.22	4.66	3.86	3.59	6.93	6.94	8.30	7.79	7.43	7.41	7.93	7.94	
Sodium	-	-	-	2.80	3.17	3.01	3.02	6.15	6.15	6.66	6.57	6.47	6.41	6.23	6.39	
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	0.00378	0.00367	< 0.00500	< 0.00500	0.00648	0.00729	
Magnesium	-	-	-	12.40	13.90	13.60	13.00	16.10	16.10	17.80	17.70	17.40	17.40	16.60	17.10	
Potassium	-	-	-	1.73	1.88	1.90	1.88	2.46	2.44	2.57	2.55	2.68	2.68	2.57	2.65	
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	
Sulfate	-	-	250	11.70	13.6 ^J	11.90	10.90	14.90	15.00	18.10 ^J	18.10 ^J	16.40	16.40	15.80	15.80	
Calcium	-	-	-	28.20	31.30	30.00	29.10	44.60	44.50	48.90	48.90	47.40	48.00	45.90	47.20	
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Bicarbonate	-	-	-	143	123	127	124	206	208	181	181	188	192	186	186	
TDS	-	-	500	136	123 ^J	150	124	208	207	241 ^J	152 ^J	231	223	201	217	

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

R-The data are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		Mission Well, LIBERTY LAKE SEWER DIST				CONSOLIDATED IRRIG DIST 19, Site 2A				Spokane Fish Hatchery well					
WQMP Well ID		5515C01				5518R01				6211K01					
SampleID/Comment		5515C01	5515C01	5515C01	5515C01	5518R01	5518R01	5518R01	5518R01, east well	6211K01	6211K01	6211K01	6211K01		
Quarter		1	2	3	4	1	2	3	4	1	2	3	4		
Sample Date		1/27/2009	4/21/2009	7/28/2009	11/16/2009	1/27/2009	4/21/2009	7/28/2009	10/27/2009	2/12/2009	5/14/2009	8/13/2009	11/19/2009		
Static Water Level (ft)															
Average Static Water Level (ft)															
Sample Depth (ft)															
Conductivity (µS/cm)		267.00	229.00	270.00	294.00	152.00	140.00	157.00		311.00	282.00	280.00			
Water Temperature (C°)		10.10	14.10	15.60	11.92	12.20	13.70	14.10	12.06	10.50	12.60	13.50			
pH		8.34	7.97	8.03	7.14	7.85	7.97	8.24	8.23						
Analytes	Washington Drinking Water Standards														
	MCL ¹	Trigger Level ²	Secondary												
Phosphorus	-	-	-	0.015	0.010	0.011	0.013	0.004	0.005	0.004	0.003	0.006	0.004	0.006	0.006
Ortho-Phosphate	-	-	-	0.013	0.008	0.010	0.013	0.002	0.002	0.003	0.003	0.006	0.004	0.003	0.005
Nitrate+Nitrite	10	5	-	1.39	1.60	1.66	1.23	0.598	0.578	0.713	0.515	1.52	1.46	1.48	1.54
Arsenic	0.01	0.005	-	0.002	0.00260	0.00316	0.00213	< 0.001	< 0.001	< 0.001	< 0.001	0.00369	0.00316	0.00334	0.00308
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	0.00194	0.00107	< 0.00100	0.00227	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00116	< 0.00100	< 0.00100	0.18000
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	< 0.00100	< 0.00150	< 0.00150	< 0.00125	< 0.00100	< 0.00150	< 0.00150	< 0.00125	< 0.00125	< 0.00150	< 0.00150
Fluoride	4	0.5	2	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	0.154	< 0.100	< 0.100
Chloride	-	250	250	4.21	3.80	3.59	4.64	2.78	3.77	3.35	2.99	5.78	6.00	5.80	5.66
Sodium	-	-	-	3.13	4.86	4.59	3.35	2.00	2.12	2.11	2.08	3.93	4.11	3.89	3.99
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	0.08870
Magnesium	-	-	-	10.40	9.37	9.92	11.30	4.36	4.71	5.04	4.55	16.30	17.00	16.30	16.50
Potassium	-	-	-	1.69	1.87	1.91	1.78	1.13	1.15	1.20	1.18	2.18	2.03	2.13	2.09
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Sulfate	-	-	250	9.78	10.7 ^J	10.40	9.29	5.78	6.89 ^J	6.23	5.99	15.30	15.40	15.60	14.70
Calcium	-	-	-	29.20	30.50	30.80	30.90	18.10	19.60	19.90	18.70	31.00	32.90	30.60	30.40
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	136	107	120	118	75.1	65.1	76.3	67.2	153	137	134	133
TDS	-	-	500	141	102 ^J	137	160	87	96 ^J	96	62	160	141	189	128

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

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Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		WHITWORTH WATER DIST. #2, Well 2A				NORTH SPOKANE IRRIG. DIST. # 4, Site 4				CONSOLIDATED IRRIG DIST 19, Site 11B					
WQMP Well ID		6320D01				6328H01				6631M04					
SampleID/Comment		6320D01	6320D01	6320D01	6320D01	6328H01	6328H01	6328H01	6328H01	6631M04	6631M04	6631M04	6631M04		
Quarter		1	2	3	4	1	2	3	4	1	2	3	4		
Sample Date		2/12/2009	5/14/2009	8/13/2009	11/19/2009	2/12/2009	5/14/2009	8/13/2009	11/19/2009	2/9/2009	5/11/2009	8/10/2009	11/16/2009		
Static Water Level (ft)															
Average Static Water Level (ft)															
Sample Depth (ft)															
Conductivity (µS/cm)		224.00	255.00	253.00	214.00	212.00	234.00	236.00	282.00	245.00		243.00	284.00		
Water Temperature (C°)		10.20	11.60	11.22	10.61	10.90	10.90	18.91	10.72	11.50	13.10	12.78	12.61		
pH		7.24	7.98	8.44	8.15	7.08	8.06	8.46	8.19	7.51	7.00	8.18	7.81		
Analytes	Washington Drinking Water Standards														
	MCL ¹	Trigger Level ²	Secondary												
Phosphorus	-	-	-	0.004	0.003	0.003	0.004	0.005	0.004	0.004	0.005	0.005	0.006	0.005	0.006
Ortho-Phosphate	-	-	-	0.003	0.003	0.001	0.003	0.004	0.004	0.002	0.003	0.002	0.003	0.003 ^J	0.004
Nitrate+Nitrite	10	5	-	1.10	1.01	1.02	1.01	1.12	1.07	1.05	1.33	1.18	1.23	1.04	1.25
Arsenic	0.01	0.005	-	0.00394	0.00279	0.00344	0.00333	0.00228	0.00215	0.00248	0.00217	0.00529	0.00609	0.00618	0.00466
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00136	0.14600	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	< 0.00125	< 0.00150	< 0.00150	< 0.00125	< 0.00125	< 0.00150	< 0.00150	< 0.00125	< 0.00100	< 0.00150	0.00198
Fluoride	4	0.5	2	< 0.100	0.169	< 0.100	< 0.100	< 0.100	0.196	< 0.100	< 0.100	0.160	0.471	< 0.100	< 0.100
Chloride	-	250	250	3.34	3.32	2.94	2.95	7.12	6.64	4.30	6.49	3.05	3.50	4.00	3.32
Sodium	-	-	-	2.93	3.02	2.93	2.94	4.80	4.84	3.79	5.34	2.54	2.77	2.57	2.73
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	0.06790	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Magnesium	-	-	-	14.10	14.70	14.30	14.60	10.50	10.80	11.30	11.80	11.30	12.00	12.10	12.30
Potassium	-	-	-	1.83	1.71	1.83	1.75	2.17	2.03	1.95	2.24	1.92	2.00	1.93	1.99
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Sulfate	-	-	250	13.80	13.90	14.10	13.20	12.00	11.80	12.40	11.80	8.83	10.90	11.90	10.20
Calcium	-	-	-	25.70	28.00	25.80	26.20	24.60	27.00	24.90	26.20	24.90	25.90	26.30	27.00
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	133	116	116	116	114	99.6	102	100	124	112	110	111
TDS	-	-	500	130	117	165	150	120	101	146	101	160	113	136	150

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

R-The data are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		MODERN ELECT WATER, Site 11				6th & Havana monitoring well (MW-2)			New Balfour Park monitoring well							
WQMP Well ID		5415E03				5323E01			5417R02							
SampleID/Comment		5415E03	5415E03	5415E03	5415E03, #2 south	5323E01	5323E01	5323E01	5417R02	5417R02A duplicate	5417R02	5417R02	5417R02	5417R02A duplicate		
Quarter		1	2	3	4	2	3	4	2	2	3	3	4	4		
Sample Date		1/27/2009	4/21/2009	7/28/2009	10/27/2009	5/13/2009	8/12/2009	11/18/2009	5/12/2009	5/12/2009	8/11/2009	8/11/2009	11/17/2009	11/17/2009		
Static Water Level (ft)						43.90	52.82	51.70	64.71		72.23		72.07			
Average Static Water Level (ft)																
Sample Depth (ft)						44	54	53	67		73.2		73			
Conductivity (µS/cm)		206.00	201.00	208.00		310.00	390.00	444.00	195.00		203.00		241.00			
Water Temperature (C°)		10.90	12.90	13.00	10.79	12.76	13.06	12.60	12.70		14.29		13.20			
pH		8.41	7.66	8.07	7.91	7.65	7.86	8.51	7.94		8.04		8.01			
Analytes	Washington Drinking Water Standards															
	MCL ¹	Trigger Level ²	Secondary													
Phosphorus	-	-	-	0.004	0.005	0.005	0.004	0.013	0.012	0.012	0.011	0.011	0.008	0.007	0.009	0.008
Ortho-Phosphate	-	-	-	0.003	0.002	0.004	0.004	0.013	0.012	0.011	0.006	0.006	0.006	0.006	0.007	0.006
Nitrate+Nitrite	10	5	-	0.932	0.979	0.965	0.851	1.93	3.21	2.77	1.15	1.14	0.953	0.948	0.873	0.871
Arsenic	0.01	0.005	-	0.00270	0.00289	0.00267	0.00291	0.00410	0.00367	0.00276	0.00305	0.00352	0.00253	0.00254	D 0.00268	0.00166
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	< 0.00100	< 0.00150	< 0.00150	< 0.00125	< 0.00150	< 0.00150	0.0016	0.00149	< 0.00150	< 0.00150	< 0.00150	0.002
Fluoride	4	0.5	2	0.100	0.697	0.109	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100
Chloride	-	250	250	2.49	3.44	2.73	2.55	8.14	13.00	12.00	3.39	3.46	3.45	3.43	3.53	3.61
Sodium	-	-	-	2.30	2.47	2.38	2.39	5.97	7.67	8.07	2.49	2.41	2.50	2.50	2.81	2.78
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Magnesium	-	-	-	9.46	10.50	10.30	9.52	12.90	16.20	16.00	7.59	7.43	8.01	7.95	8.04	7.93
Potassium	-	-	-	1.50	1.59	1.61	1.58	2.31	2.52	2.70	1.42	1.40	1.53	1.53	1.58	1.57
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	0.092	0.102	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100 ^J	< 0.00100	< 0.00100	0.00165	0.00181	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Sulfate	-	-	250	9.35	10.80 ^J	9.88	8.88	11.90	14.40	13.70	7.45	7.50	6.92	6.78	7.01	7.01
Calcium	-	-	-	22.30	24.50	23.60	22.30	39.10	47.10	45.50	24.20	24.00	24.80	24.70	26.00	25.80
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	112	96.4	101	96.7	136	165	165	87.8	86.7	92.4	92.2	95	95.5
TDS	-	-	500	108	109 ^J	114	98	178	235	220	104	118	118	115	126	106

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

J-Analyte was positively identified; the quantitation is estimated

R-The data are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria

Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name		SPOKANE FISH HATCHERY, GRIFFITH SPR				Sullivan Spring	Three Springs				Waikiki Springs					
WQMP Well ID		6211J01s				5411R05s	5212F01s				6306P01s					
SampleID/Comment		6211J01S	6211J01S	6211J01S	6211J01S	Sullivan Spring	5212F01s	5212F01s	5212F01s	5212F01s	6306P01s	6306P01s	6306P01s	6306P01s		
Quarter		1	2	3	4	3	1	2	3	4	1	2	3	4		
Sample Date		2/12/2009	5/14/2009	8/13/2009	11/19/2009	8/11/2009	2/12/2009	5/14/2009	8/13/2009	11/19/2009	5/14/2009	2/12/2009	8/13/2009	11/19/2009		
Static Water Level (ft)																
Average Static Water Level (ft)																
Sample Depth (ft)																
Conductivity (µS/cm)		332.00	327.00	357.00	322.00		308.00	297.00	320.00	320.00	397.00	339.00	395.00	367.00		
Water Temperature (C°)		10.50	11.70	10.90	10.60		10.80	11.70	12.20	10.90	10.9	10.50	10.7	10.50		
pH																
Analytes	Washington Drinking Water Standards															
	MCL ¹	Trigger Level ²	Secondary													
Phosphorus	-	-	-	0.007	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.004	0.005	0.004	0.003
Ortho-Phosphate	-	-	-	0.007	0.005	0.003	0.005	0.004	0.005	0.005	0.003	0.004	0.003	0.005	0.002	0.003
Nitrate+Nitrite	10	5	-	1.70	1.62	1.71	1.69	1.02	1.79	1.79	2.12	2.43	2.81	2.98	2.96	3.04
Arsenic	0.01	0.005	-	0.00327	0.00252	0.00330	0.00284	0.00245	0.00346	0.00325	0.00327	0.00282	0.00182	0.00275	0.00220	0.00185
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00167	0.00117	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	< 0.00125	< 0.00150	< 0.00150	< 0.00150	< 0.00125	< 0.00125	< 0.00150	< 0.00150	< 0.00125	< 0.00125	< 0.00150	< 0.00150
Fluoride	4	0.5	2	< 0.100	0.159	0.221	< 0.100	< 0.100	< 0.100	0.179	< 0.100	< 0.100	0.163	< 0.100	< 0.100	< 0.100
Chloride	-	250	250	7.18	7.46	7.80	7.55	2.16	7.67	9.90	11.00	10.90	11.30	11.80	15.20	12.00
Sodium	-	-	-	4.39	4.66	4.57	4.61	2.80	5.85	5.72	5.50	6.09	6.48	7.20	6.71	7.21
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Magnesium	-	-	-	17.60	18.30	18.10	18.20	11.60	12.40	12.40	13.10	13.60	22.30	21.50	22.20	21.20
Potassium	-	-	-	2.33	2.22	2.37	2.31	1.77	2.16	1.99	2.15	2.16	2.59	2.86	2.72	2.59
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	0.00112	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Sulfate	-	-	250	16.10	16.20	16.80	15.90	11.20	13.70	13.40	15.00	15.20	20.70	20.60	20.80	19.10
Calcium	-	-	-	33.40	35.70	34.30	33.20	26.80	34.90	35.40	36.20	36.50	41.00	37.70	38.70	36.30
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	165	143	146	146	112	150	124	129	135	159	184	159	164
TDS	-	-	500	200	158	232	150	144	148	134	205	157	182	209	246	189

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

2 Trigger level identified on WA Dept of Health analytical results forms.

3 Federal Action Levels established for distribution systems.

Results in **bold italics** exceed a standard

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Spokane County Water Resources
2009 Quarterly Monitoring Results

Well Name				Blank				Equipment Blank			
WQMP Well ID				Blank				Equipment Blank			
SampleID/Comment				Blank	Blank	Blank	Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Quarter				1	2	3	4	1	2	3	4
Sample Date				2/12/2009	5/14/2009	8/13/2009	11/19/2009	2/12/2009	5/14/2009	8/13/2009	11/19/2009
Static Water Level (ft)											
Average Static Water Level (ft)											
Sample Depth (ft)											
Conductivity (µS/cm)											
Water Temperature (C°)											
pH											
Analytes	Washington Drinking Water Standards										
	MCL ¹	Trigger Level ²	Secondary								
Phosphorus	-	-	-	< 0.002	< 0.002	0.005	0.003	< 0.002	< 0.002	0.004	< 0.002
Ortho-Phosphate	-	-	-	< 0.001	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.001
Nitrate+Nitrite	10	5	-	< 0.05	< 0.05	< 0.05	0.09	< 0.05	< 0.05	< 0.05	< 0.05
Arsenic	0.01	0.005	-	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Lead ³	0.015	1	-	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Copper ³	1.3	0.02	1	< 0.00100	< 0.00100	< 0.00100	0.00206	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Mercury	0.002	0.0004	-	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	0.005	0.005	-	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Chromium	0.1	0.02	-	< 0.00125	< 0.00125	< 0.00150	< 0.00150	< 0.00125	< 0.00125	< 0.00150	< 0.00150
Fluoride	4	0.5	2	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100
Chloride	-	250	250	< 0.2	< 0.2	< 0.2	0.23	< 0.2	< 0.2	< 0.2	< 0.2
Sodium	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Zinc	-	5	5	< 0.00500	< 0.00500	< 0.00500	0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Magnesium	-	-	-	< 0.060	< 0.060	< 0.060	0.99	< 0.060	< 0.060	< 0.060	0.63
Potassium	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Iron	-	0.1	0.3	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
Manganese	-	0.05	0.05	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Sulfate	-	-	250	< 0.30	< 0.30	< 0.30	0.86	< 0.30	< 0.30	< 0.30	0.56
Calcium	-	-	-	U 0.04	U 0.04	U 0.04	2.12	U 0.04	U 0.04	0.06	1.38
Carbonate	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate	-	-	-	< 1.0	< 1.0	< 1.0	8.3	< 1.0	< 1.0	< 1.0	5.2
TDS	-	-	500	< 10	< 10	33	14	< 10	< 10	32	29

All results reported in mg/l (ppm)

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2 Trigger level identified on WA Dept of Health analytical results forms.

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