

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name		I.E. COLD STORAGE	Denver & Marietta, City monitoring well				CITY of SPOKANE-Nevada	Franklin Park, City monitoring well	Holy Cross, Rhoades & Washington monitoring well	WHITWORTH WATER DIST. #2, Well 2A	NORTH SPOKANE IRRIG. DIST. # 4, Site 4		
WQMP Well ID		5213B01	5308H01				5308A02	6331J01	6330J01	6320D01	6328H01		
SampleID/Comment		5213B01	5308H01	5308H01	5308H01	5308H01	5308A02	6331J01	6330J01	6320D01	6328H01		
Quarter		3	1	2	3	4	3	3	3	3	3		
Sample Date		7/27/21	2/2/21	5/4/21	8/2/21	11/2/21	7/27/21	8/5/21	8/5/21	8/5/21	8/5/21		
Static Water Level (ft)		-	82.37	80.49	87.24	84.82	-	208.01	212.20	-	-		
Sample Depth (ft)		-	86	86	89	86	-	209	213	-	-		
Conductivity (µS/cm)		335.50	212.70	206.10	192.30	235.80	200.60	238.60	253.90	241.00	225.00		
Water Temperature (C°)		12.10	13.80	14.20	15.20	14.30	13.50	14.50	14.90	11.50	26.00		
pH		7.47	7.63	7.70	7.60	7.94	8	7.96	7.91	5.78	8.09		
Analytes	Washington Drinking Water Standards												
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary										
Phosphorus	-	-	-	0.016	0.004	0.003	0.003	0.003	0.003	0.003	<0.002	0.002	<0.002
SRP <sup>3</sup>	-	-	-	0.009	0.002	0.002	0.003	0.003	0.003	0.001	0.001	0.002	0.001
Nitrate+Nitrite	10	5	-	1.510	0.796	0.838	0.830	0.987	0.799	0.849	0.914	0.812	0.851
Arsenic	0.01	0.005	-	0.00245	-	-	0.00223	-	0.00242	0.00397	0.00351	0.00372	0.00297
Lead <sup>4</sup>	0.015	-	-	<0.001	-	-	<0.001	-	0.0010	<0.001	<0.001	<0.001	<0.001
Copper <sup>4</sup>	1.3	-	-	0.00188	-	-	<0.001	-	0.00147	<0.001	<0.001	<0.001	0.00175
Mercury	0.002	0.0004	-	<0.0002	-	-	<0.0002	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Cadmium	0.005	0.005	-	<0.0002	-	-	<0.0002	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Chromium	0.1	0.02	-	<0.0015	-	-	<0.0015	-	<0.0015	0.0017	<0.0015	<0.0015	<0.0015
Fluoride	4	0.5	2	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
Chloride	-	250	250	27.60	5.98	6.26	6.05	7.26	5.27	5.54	5.18	4.21	3.58
Sodium	-	-	-	9.99	-	-	3.64	-	2.97	3.36	3.73	3.32	3.83
Zinc	-	5	5	<0.005	-	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005
Magnesium	-	-	-	11.90	-	-	8.56	-	8.63	14.30	16.20	15.50	11.50
Potassium	-	-	-	2.56	-	-	1.59	-	1.59	1.93	2.07	2.02	2.05
Manganese	-	0.05	0.05	<0.001	-	-	<0.001	-	<0.001	0.001	<0.001	<0.001	<0.001
Calcium	-	-	-	37.80	-	-	24.60	-	26.20	29.40	30.10	27.80	27.90

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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

Results above the trigger level are in red.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

\*Rejected due to sample contamination, see 2021 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name		Fire Station Houston & Regal, No. Spokane WD					Trinity School, Adams & Carlisle, City monitoring well	NE Community Center, City monitoring well	Hale's Ale Nested Site, east				Hale's Ale Nested Site, mid		
WQMP Well ID		6327N04					5307M01	5304G01	5311J05				5311J07		
SampleID/Comment		6327N04	6327N04	6327N04	6327N04a	6327N04	5307M01	5304G01	5311J05	5311J05	5311J05	5311J05	5311J07		
Quarter		1	2	3	3	4	3	3	1	2	3	4	3		
Sample Date		2/2/21	5/4/21	8/5/21	8/5/21	11/2/21	8/2/21	8/5/21	2/2/21	5/4/21	8/10/21	11/2/21	8/10/21		
Static Water Level (ft)		187.59	185.40	189.51	-	190.26	144.05	181.12	64.63	61.18	69.08	67.31	69.32		
Sample Depth (ft)		189	188	191	-	192	145	182	66	63	70	69	105.1		
Conductivity (µS/cm)		466.9	458.10	428.90	-	422.90	244.30	291.50	323.60	326.10	317.60	331.40	316.40		
Water Temperature (C°)		14.7	15.00	15.50	-	14.60	15.40	14.40	11.30	12.10	12.20	11.50	12.10		
pH		7.5	7.38	7.60	-	7.94	7.78	7.89	7.70	7.28	7.63	7.73	7.46		
Analytes	Washington Drinking Water Standards														
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary												
Phosphorus	-	-	-	0.003	0.002	<0.002	<0.002	0.004	0.004	<0.002	0.004	0.007	0.004	0.003	0.004
SRP <sup>3</sup>	-	-	-	0.002	0.002	<0.001	<0.001	0.002	0.003	0.001	0.004	0.004	0.002	0.003	0.002
Nitrate+Nitrite	10	5	-	3.080	3.110	3.070	2.950	2.310	1.060	1.180	1.430	1.540	1.520	1.460	1.480
Arsenic	0.01	0.005	-	-	-	0.00154	0.00155	-	0.00249	0.00249	-	-	0.00303	-	0.00320
Lead <sup>4</sup>	0.015	-	-	-	-	<0.001	<0.001	-	<0.001	<0.0010	-	-	<0.001	-	<0.001
Copper <sup>4</sup>	1.3	-	-	-	-	<0.001	<0.001	-	<0.001	<0.00100	-	-	<0.001	-	<0.001
Mercury	0.002	0.0004	-	-	-	<0.0002	<0.0002	-	<0.0002	<0.00020	-	-	<0.0002	-	<0.0002
Cadmium	0.005	0.005	-	-	-	<0.0002	<0.0002	-	<0.0002	<0.0002	-	-	<0.0002	-	<0.0002
Chromium	0.1	0.02	-	-	-	<0.0015	<0.0015	-	<0.0015	<0.0015	-	-	<0.0015	-	<0.0015
Fluoride	4	0.5	2	-	-	0.11	<0.1	-	<0.1	0.14	-	-	<0.1	-	<0.1
Chloride	-	250	250	14.80	16.20	13.80	13.30	18.80	7.59	10.70	8.38	8.70	8.44	7.88	8.37
Sodium	-	-	-	-	-	18.30	18.50	-	4.26	5.71	-	-	5.06	-	4.89
Zinc	-	5	5	-	-	<0.005	<0.005	-	<0.005	<0.005	-	-	<0.005	-	0.012
Magnesium	-	-	-	-	-	25.80	26.10	-	11.00	16.60	-	-	17.90	-	17.70
Potassium	-	-	-	-	-	4.22	4.30	-	1.90	2.23	-	-	2.32	-	2.29
Manganese	-	0.05	0.05	-	-	<0.001	<0.001	-	<0.001	<0.001	-	-	<0.001	-	<0.001
Calcium	-	-	-	-	-	43.20	43.40	-	31.80	35.80	-	-	39.70	-	39.00

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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

Results above the trigger level are in red.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

\*Rejected due to sample contamination, see 2021 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name				Felts Field City monitoring well		ORCHARD AVE IRRIG DIST, Site 1				Orchard Ave Irrig Dist, Site 2 Buckeye & Dick		Plantes Ferry Park monitoring well
WQMP Well ID				5312C01		5312H01				5407C01		5404A01
SampleID/Comment				5312C01	5312C01	5312H01	5312H01	5312H01	5312H01	5407C01	5407C01	5404A01
Quarter				2	3	1	2	3	4	2	3	3
Sample Date				5/4/21	8/2/21	1/26/21	4/27/21	7/27/21	10/26/21	4/27/21	7/27/21	8/10/21
Static Water Level (ft)				58.06	64.26	-	-	-	-	-	-	50.09
Sample Depth (ft)				68	66	-	-	-	-	-	-	109.5
Conductivity (µS/cm)				203.40	186.10	296.40	313.30	304.50	292.70	311.00	314.60	283.7
Water Temperature (C°)				14.00	15.60	10.40	13.20	11.30	11.50	19.40	25.40	13.90
pH				8.05	8.06	7.83	7.62	7.65	7.87	7.84	7.94	6.82
Analytes	Washington Drinking Water Standards											
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary									
Phosphorus	-	-	-	-	0.016	0.013	0.013	0.013	0.013	0.007	0.008	0.064
SRP <sup>3</sup>	-	-	-	-	0.014	0.012	0.012	0.012	0.013	0.006	0.007	0.046
Nitrate+Nitrite	10	5	-	-	0.808	1.490	1.760	1.750	1.410	1.040	0.753	<0.05
Arsenic	0.01	0.005	-	<b>0.00620</b>	<b>0.00578</b>	-	0.00485	0.00467	-	-	0.00268	<0.001
Lead <sup>4</sup>	0.015	-	-	<0.001	<0.001	-	<0.001	<0.001	-	-	<0.001	<0.001
Copper <sup>4</sup>	1.3	-	-	0.00124	0.00105	-	<0.001	0.00123	-	-	0.00374	0.00846
Mercury	0.002	0.0004	-	<0.0002	<0.0002	-	<0.0002	<0.0002	-	-	<0.0002	<0.0002
Cadmium	0.005	0.005	-	<0.0002	<0.0002	-	<0.0002	<0.0002	-	-	<0.0002	<0.0002
Chromium	0.1	0.02	-	-	<0.0015	-	-	<0.0015	-	-	<0.0015	<0.0015
Fluoride	4	0.5	2	-	<0.1	-	-	<0.1	-	-	<0.1	0.26
Chloride	-	250	250	-	3.45	5.69	6.90	6.56	5.48	7.45	7.18	1.88
Sodium	-	-	-	-	3.64	-	-	4.37	-	-	4.43	11.00
Zinc	-	5	5	<0.005	<0.005	-	0.0305*	0.013	-	-	0.006	0.111
Magnesium	-	-	-	-	7.30	-	-	13.20	-	-	14.00	15.10
Potassium	-	-	-	-	1.56	-	-	2.27	-	-	2.18	6.09
Manganese	-	0.05	0.05	-	<0.001	-	-	<0.001	-	-	0.002	<b>0.335</b>
Calcium	-	-	-	-	26.20	-	-	39.20	-	-	37.70	26.20

All results reported in mg/l (ppm)

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Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name		PASADENA PARK #2				monitoring well Frederick & Bowdish	MODERN ELECT WATER, Site 6	MODERN ELECT WATER, Site 11	East Valley High School monitoring well					
WQMP Well ID		5405K01				5409C02	5408N01	5415E03	6436N01					
SampleID/Comment		5405K01	5405K01	5405K01	5405K01	5409C02	5408N01	5415E03	6436N01	6436N01	6436N01	6436N01		
Quarter		1	2	3	4	3	3	3	1	2	3	4		
Sample Date		1/26/21	4/27/21	7/27/21	10/26/21	8/2/21	7/27/21	7/27/21	2/4/21	5/4/21	8/10/21	11/4/21		
Static Water Level (ft)		-	-	-	-	93.60	-	-	114.03	111.95	119.11	117.00		
Sample Depth (ft)		-	-	-	-	95.5	-	-	115	113	120	118		
Conductivity (µS/cm)		206.20	205.60	183.70	227.10	295.50	245.10	202.70	513.50	498.00	540.10	652.00		
Water Temperature (C°)		11.40	11.80	10.70	10.90	12.10	12.00	11.50	13.50	14.60	15.40	14.00		
pH		7.93	7.51	7.79	7.82	7.76	7.86	7.80	7.33	7.15	7.1	7.61		
Analytes	Washington Drinking Water Standards													
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary											
Phosphorus	-	-	-	0.006	0.006	0.006	0.006	0.008	0.003	0.004	0.031	0.042	0.064	0.048
SRP <sup>3</sup>	-	-	-	0.005	0.005	0.006	0.005	0.005	0.003	0.003	0.030	0.037	0.042	0.045
Nitrate+Nitrite	10	5	-	1.250	1.300	1.050	1.170	1.520	1.040	0.816	3.550	4.660	4.080	4.680
Arsenic	0.01	0.005	-	-	-	0.00130	-	<b>0.00522</b>	0.00267	0.00327	-	-	0.00278	-
Lead <sup>4</sup>	0.015	-	-	-	-	<0.001	-	<0.001	<0.001	<0.001	-	-	<0.001	-
Copper <sup>4</sup>	1.3	-	-	-	-	0.00161	-	<0.001	<0.001	<0.001	-	-	0.00143	-
Mercury	0.002	0.0004	-	-	-	<0.0002	-	<0.0002	<0.0002	<0.0002	-	-	<0.0002	-
Cadmium	0.005	0.005	-	-	-	<0.0002	-	<0.0002	<0.0002	<0.0002	-	-	<0.0002	-
Chromium	0.1	0.02	-	-	-	<0.0015	-	<0.0015	<0.0015	<0.0015	-	-	0.0045	-
Fluoride	4	0.5	2	-	-	<0.1	-	<0.1	<0.1	<0.1	-	-	0.12	-
Chloride	-	250	250	4.47	4.98	4.34	3.86	5.26	4.57	3.77	15.80	15.30	23.20	15.60
Sodium	-	-	-	-	-	3.27	-	4.46	2.85	2.56	-	-	10.70	-
Zinc	-	5	5	-	-	<0.005	-	<0.005	<0.005	<0.005	-	-	<0.005	-
Magnesium	-	-	-	-	-	6.61	-	14.80	11.70	9.22	-	-	29.50	-
Potassium	-	-	-	-	-	1.96	-	2.19	1.79	1.58	-	-	4.35	-
Manganese	-	0.05	0.05	-	-	<0.001	-	0.048	<0.001	<0.001	-	-	0.014	-
Calcium	-	-	-	-	-	21.50	-	39.70	29.30	23.60	-	-	68.00	-

All results reported in mg/l (ppm)

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3 Soluble Reactive Phosphorus

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Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name				monitoring well at SCC								Olive & Fiske monitoring well			
WQMP Well ID				5310Q01								5315L01			
SampleID/Comment				5310Q01	5310Q01a	5310Q01	5310Q01a	5310Q01	5310Q01a	5310Q01	5310Q01a	5315L01	5315L01	5315L01	5315L01
Quarter				1	1	2	2	3	3	4	4	1	2	3	4
Sample Date				2/2/21	2/2/21	5/4/21	5/4/21	8/2/21	8/2/21	11/2/21	11/2/21	2/2/21	5/4/21	8/2/21	11/2/21
Static Water Level (ft)				37.01	-	32.91	-	40.92	-	39.31	-	66.54	63.54	70.73	69.06
Sample Depth (ft)				41	-	41	-	42	-	41	-	68	68	72	70
Conductivity (µS/cm)				211.50	-	220.9	-	194.10	-	201.2	-	246.40	242.80	219.20	231.00
Water Temperature (C°)				13.40	-	13.4	-	14.30	-	13.3	-	13.00	14.10	14.30	13.00
pH				7.96	-	7.64	-	8.14	-	8.28	-	7.88	7.56	7.70	8.24
Analytes	Washington Drinking Water Standards														
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary												
Phosphorus	-	-	-	0.004	0.003	0.007	0.007	0.005	0.005	0.004	0.004	0.003	0.007	0.010	0.004
SRP <sup>3</sup>	-	-	-	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.003	0.003	0.004	0.003
Nitrate+Nitrite	10	5	-	0.768	0.758	0.881	0.850	0.739	0.734	0.701	0.696	0.871	0.924	0.923	0.851
Arsenic	0.01	0.005	-	-	-	-	-	0.00315	0.00313	-	-	-	-	0.00254	-
Lead <sup>4</sup>	0.015	-	-	-	-	-	-	<0.001	<0.001	-	-	-	-	<0.001	-
Copper <sup>4</sup>	1.3	-	-	-	-	-	-	<0.001	<0.001	-	-	-	-	<0.001	-
Mercury	0.002	0.0004	-	-	-	-	-	<0.0002	<0.0002	-	-	-	-	<0.0002	-
Cadmium	0.005	0.005	-	-	-	-	-	<0.0002	<0.0002	-	-	-	-	<0.0002	-
Chromium	0.1	0.02	-	-	-	-	-	<0.0015	<0.0015	-	-	-	-	<0.0015	-
Fluoride	4	0.5	2	-	-	-	-	<0.1	<0.1	-	-	-	-	<0.1	-
Chloride	-	250	250	6.45	6.40	6.83	6.84	5.19	5.16	5.06	5.09	10.10	9.25	5.93	6.07
Sodium	-	-	-	-	-	-	-	3.30	3.20	-	-	-	-	3.39	-
Zinc	-	5	5	-	-	-	-	<0.005	<0.005	-	-	-	-	<0.005	-
Magnesium	-	-	-	-	-	-	-	8.78	8.72	-	-	-	-	9.88	-
Potassium	-	-	-	-	-	-	-	1.67	1.65	-	-	-	-	1.76	-
Manganese	-	0.05	0.05	-	-	-	-	0.008	0.008	-	-	-	-	<0.001	-
Calcium	-	-	-	-	-	-	-	25.60	25.10	-	-	-	-	28.10	-

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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3 Soluble Reactive Phosphorus

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2021 Quarterly Results

Well Name		Third & Havana Nested Site, east				Third & Havana Nested Site, mid	6th & Havana monitoring well (MW-2)					
WQMP Well ID		5322A01				5322A03	5323E01					
SampleID/Comment		5322A01	5322A01	5322A01	5322A01	5322A03	5323E01	5323E01	5323E01	5323E01		
Quarter		1	2	3	4	3	1	2	3	4		
Sample Date		2/2/21	5/4/21	8/2/21	11/2/21	8/2/21	2/2/21	5/4/21	8/2/21	11/2/21		
Static Water Level (ft)		48.87	46.11	53.50	51.60	53.62	49.46	46.73	54.05	52.18		
Sample Depth (ft)		50	47	55	53	55	51	48	55	54		
Conductivity (µS/cm)		287.70	283.80	260.20	278.70	266.60	360.20	333.90	386.10	384.10		
Water Temperature (C°)		12.80	14.80	14.60	13.50	14.20	12.30	13.90	14.90	13.3		
pH		7.78	7.46	7.73	8.06	7.70	7.69	7.33	7.59	7.92		
Analytes	Washington Drinking Water Standards											
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary									
Phosphorus	-	-	-	0.006	0.009	0.009	0.008	0.009	0.009	0.011	0.011	0.010
SRP <sup>3</sup>	-	-	-	0.006	0.008	0.008	0.007	0.008	0.009	0.010	0.009	0.010
Nitrate+Nitrite	10	5	-	1.230	1.320	1.300	1.210	1.380	1.940	1.770	2.460	2.190
Arsenic	0.01	0.005	-	-	-	0.00236	-	0.00255	-	-	0.00344	-
Lead <sup>4</sup>	0.015	-	-	-	-	<0.001	-	<0.001	-	-	<0.001	-
Copper <sup>4</sup>	1.3	-	-	-	-	<0.001	-	<0.001	-	-	<0.001	-
Mercury	0.002	0.0004	-	-	-	<0.0002	-	<0.0002	-	-	<0.0002	-
Cadmium	0.005	0.005	-	-	-	<0.0002	-	<0.0002	-	-	<0.0002	-
Chromium	0.1	0.02	-	-	-	<0.0015	-	<0.0015	-	-	<0.0015	-
Fluoride	4	0.5	2	-	-	<0.1	-	<0.1	-	-	<0.1	-
Chloride	-	250	250	12.90	12.60	8.41	9.82	9.08	14.60	12.60	16.70	15.20
Sodium	-	-	-	-	-	4.74	-	5.18	-	-	8.55	-
Zinc	-	5	5	-	-	<0.005	-	<0.005	-	-	<0.005	-
Magnesium	-	-	-	-	-	11.40	-	11.80	-	-	17.30	-
Potassium	-	-	-	-	-	1.99	-	2.08	-	-	2.87	-
Manganese	-	0.05	0.05	-	-	<0.001	-	<0.001	-	-	<0.001	-
Calcium	-	-	-	-	-	34.50	-	35.60	-	-	51.10	-

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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

Results above the trigger level are in red.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

\*Rejected due to sample contamination, see 2021 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name		CITY of SPOKANE-Ray				E. SPOKANE WTR DIST, Site 1				Sullivan Road and Krispy Kreme, monitoring well					
WQMP Well ID		5322F01				5324G01				5411R06					
SampleID/Comment		5322F01	5322F01	5322F01	5322F01	5324G01	5324G01	5324G01	5324G01	5411R06	5411R06	5411R06	5411R06		
Quarter		1	2	3	4	1	2	3	4	1	2	3	4		
Sample Date		1/26/21	4/27/21	7/27/21	10/26/21	1/26/21	4/27/21	7/27/21	10/26/21	2/4/21	5/4/21	8/10/21	11/4/21		
Static Water Level (ft)		-	-	-	-	-	-	-	-	48.34	44.01	53.09	50.80		
Sample Depth (ft)		-	-	-	-	-	-	-	-	50	45	54	52		
Conductivity (µS/cm)		458.50	455.40	391.40	452.10	458.20	444.00	459.90	466.70	259.70	186.70	244.60	271.60		
Water Temperature (C°)		11.80	11.70	12.20	11.90	10.60	11.40	11.30	11.50	10.80	11.10	11.80	12.30		
pH		7.89	7.68	7.81	7.07	7.62	7.45	7.45	7.40	7.89	7.41	7.42	8.22		
Analytes	Washington Drinking Water Standards														
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary												
Phosphorus	-	-	-	0.019	0.020	0.019	0.016	0.017	0.019	0.023	0.019	0.004	0.008	0.005	0.004
SRP <sup>3</sup>	-	-	-	0.019	0.020	0.018	0.015	0.016	0.017	0.020	0.018	0.003	0.004	0.003	0.004
Nitrate+Nitrite	10	5	-	2.970	3.170	2.420	2.790	2.930	2.950	3.050	2.920	1.040	0.621	1.020	1.030
Arsenic	0.01	0.005	-	-	-	0.00362	-	-	-	0.00458	-	-	-	0.00229	-
Lead <sup>4</sup>	0.015	-	-	-	-	<0.001	-	-	-	<0.001	-	-	-	<0.001	-
Copper <sup>4</sup>	1.3	-	-	-	-	0.00821	-	-	-	0.00239	-	-	-	<0.001	-
Mercury	0.002	0.0004	-	-	-	<0.0002	-	-	-	<0.0002	-	-	-	<0.0002	-
Cadmium	0.005	0.005	-	-	-	<0.0002	-	-	-	<0.0002	-	-	-	<0.0002	-
Chromium	0.1	0.02	-	-	-	<0.0015	-	-	-	<0.0015	-	-	-	<0.0015	-
Fluoride	4	0.5	2	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.1	-
Chloride	-	250	250	24.10	24.90	19.00	21.80	19.30	19.90	20.50	19.00	2.90	2.80	3.43	3.28
Sodium	-	-	-	-	-	8.47	-	-	-	10.10	-	-	-	2.99	-
Zinc	-	5	5	-	-	<0.005	-	-	-	0.010	-	-	-	<0.005	-
Magnesium	-	-	-	-	-	15.00	-	-	-	18.30	-	-	-	13.90	-
Potassium	-	-	-	-	-	2.71	-	-	-	3.34	-	-	-	1.76	-
Manganese	-	0.05	0.05	-	-	<0.001	-	-	-	<0.001	-	-	-	<0.001	-
Calcium	-	-	-	-	-	49.00	-	-	-	57.50	-	-	-	30.70	-

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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

Results above the trigger level are in red.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

\*Rejected due to sample contamination, see 2021 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name		Sullivan Park South, monitoring well					Sullivan Spring	New Balfour Park monitoring well					
WQMP Well ID		5411R03					5411R05s	5417R02					
SampleID/Comment		5411R03	5411R03	5411R03	5411R03a	5411R03	5411R05S	5417R02	5417R02	5417R02	5417R02		
Quarter		1	2	3	3	4	3	1	2	3	4		
Sample Date		2/4/2021	5/4/2021	8/10/2021	8/10/2021	11/4/2021	8/10/21	2/4/21	5/6/21	8/10/21	11/4/21		
Static Water Level (ft)		31.41	25.79	36.41	36.41	33.93	-	69.6	67.77	73.96	72.61		
Sample Depth (ft)		33	28	38	38	35	-	71	69	75	74		
Conductivity (µS/cm)		255.30	240.30	231.30	231.30	260.40	235.50	209.70	199.90	189.40	214.40		
Water Temperature (C°)		9.40	12.00	15.30	15.30	12.40	13.30	13.30	15.00	15.20	14.00		
pH		7.91	7.33	7.45	7.45	8.19	6.98	7.90	7.07	7.45	8.26		
Analytes	Washington Drinking Water Standards			-	-	-	-	-	-	-	-	-	
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary	-	-	-	-	-	-	-	-	-	
Phosphorus	-	-	-	0.004	0.007	0.006	0.006	0.005	0.003	0.008	0.010	0.011	0.007
SRP <sup>3</sup>	-	-	-	0.002	0.004	0.004	0.004	0.005	0.002	0.006	0.009	0.007	0.006
Nitrate+Nitrite	10	5	-	1.010	0.924	0.906	0.884	0.989	0.946	0.829	0.894	0.684	0.745
Arsenic	0.01	0.005	-	-	-	0.00305	0.00307	-	0.00312	-	-	0.00244	-
Lead <sup>4</sup>	0.015	-	-	-	-	<0.001	<0.001	-	<0.001	-	-	<0.001	-
Copper <sup>4</sup>	1.3	-	-	-	-	<0.001	<0.001	-	<0.001	-	-	<0.001	-
Mercury	0.002	0.0004	-	-	-	<0.0002	<0.0002	-	<0.0002	-	-	<0.0002	-
Cadmium	0.005	0.005	-	-	-	<0.0002	<0.0002	-	<0.0002	-	-	<0.0002	-
Chromium	0.1	0.02	-	-	-	<0.0015	<0.0015	-	<0.0015	-	-	<0.0015	-
Fluoride	4	0.5	2	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	-
Chloride	-	250	250	2.90	3.28	2.85	2.85	3.11	2.99	6.30	5.84	4.89	6.59
Sodium	-	-	-	-	-	2.96	2.87	-	3.01	-	-	3.00	-
Zinc	-	5	5	-	-	<0.005	<0.005	-	<0.005	-	-	<0.005	-
Magnesium	-	-	-	-	-	12.80	12.40	-	13.30	-	-	8.06	-
Potassium	-	-	-	-	-	2.03	1.95	-	2.08	-	-	1.58	-
Manganese	-	0.05	0.05	-	-	<0.001	<0.001	-	<0.001	-	-	<0.001	-
Calcium	-	-	-	-	-	29.20	28.30	-	30.50	-	-	26.20	-

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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

Results above the trigger level are in red.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

\*Rejected due to sample contamination, see 2021 Annual Report



Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name		Spokane Co Water Dist #3, Site 2-5, 26th & Vercler						VERA WATER & POWER, New Well 4				Mission Well, LIBERTY LAKE SEWER DIST			
WQMP Well ID		5427L01						5426L03				5515C01			
SampleID/Comment		5427L01	5427L01a	5427L01	5427L01a	5427L01	5427L01a	5427L01	5426L03	5426L03	5426L03	5426L03	5515C01		
Quarter		1	1	2	2	3	3	4	1	2	3	4	3		
Sample Date		1/26/21	1/26/21	4/27/21	4/27/21	7/27/21	7/27/21	11/2/21	1/26/21	4/27/21	7/27/21	10/26/21	7/27/21		
Static Water Level (ft)		-	-	-	-	-	-	-	-	-	-	-	-		
Sample Depth (ft)		-	-	-	-	-	-	-	-	-	-	-	-		
Conductivity (µS/cm)		396.80	-	396.1	-	398.40	-	398.40	444.80	451.80	418.20	460.30	282.00		
Water Temperature (C°)		11.7	-	12	-	11.90	-	11.40	11.00	10.70	11.10	11.00	14.50		
pH		7.75	-	7.35	-	7.58	-	7.93	7.55	7.29	7.52	7.74	7.84		
Analytes	Washington Drinking Water Standards														
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary												
Phosphorus	-	-	-	0.004	0.005	0.005	0.005	0.007	0.006	0.008	0.007	0.008	0.007	0.008	0.011
SRP <sup>3</sup>	-	-	-	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.006	0.008	0.007	0.008	0.010
Nitrate+Nitrite	10	5	-	2.190	2.190	2.240	2.200	2.330	2.260	2.060	2.770	2.870	2.750	2.850	1.170
Arsenic	0.01	0.005	-	-	-	-	-	0.00390	0.00390	-	-	-	0.00406	-	0.00306
Lead <sup>4</sup>	0.015	-	-	-	-	-	-	<0.001	<0.001	-	-	-	<0.001	-	<0.001
Copper <sup>4</sup>	1.3	-	-	-	-	-	-	0.00129	0.00134	-	-	-	<0.001	-	0.00387
Mercury	0.002	0.0004	-	-	-	-	-	<0.0002	<0.0002	-	-	-	<0.0002	-	<0.0002
Cadmium	0.005	0.005	-	-	-	-	-	<0.0002	<0.0002	-	-	-	<0.0002	-	<0.0002
Chromium	0.1	0.02	-	-	-	-	-	<0.0015	<0.0015	-	-	-	<0.0015	-	<0.0015
Fluoride	4	0.5	2	-	-	-	-	<0.1	<0.1	-	-	-	<0.1	-	<0.1
Chloride	-	250	250	11.70	12.00	11.30	11.60	11.20	11.60	11.90	12.60	13.50	12.30	12.60	6.34
Sodium	-	-	-	-	-	-	-	6.33	6.72	-	-	-	8.71	-	5.03
Zinc	-	5	5	-	-	-	-	<0.005	<0.005	-	-	-	0.008	-	0.007
Magnesium	-	-	-	-	-	-	-	16.50	17.30	-	-	-	15.90	-	12.70
Potassium	-	-	-	-	-	-	-	2.71	2.90	-	-	-	3.37	-	2.31
Manganese	-	0.05	0.05	-	-	-	-	<0.001	<0.001	-	-	-	<0.001	-	<0.001
Calcium	-	-	-	-	-	-	-	48.00	50.90	-	-	-	59.50	-	39.70

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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

Results above the trigger level are in red.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

\*Rejected due to sample contamination, see 2021 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name				CONSOLIDATED IRRIG DIST 19, Site 2A	Mission & Barker monitoring well at CID 4			Euclid & Barker monitoring well at CID5					
WQMP Well ID				5518R01	5517D05			5507A04					
SampleID/Comment				5518R01	5517D05	5517D05	5507A04	5507A04a	5507A04	5507A04a	5507A04	5507A04	5507A04a
Quarter				3	2	3	1	1	2	2	3	4	4
Sample Date				7/27/21	5/6/21	8/6/21	2/4/21	2/4/21	5/6/21	5/6/21	8/6/21	11/4/21	11/4/21
Static Water Level (ft)				-	81.43	87.61	68.84	-	66.93	-	73.08	71.3	-
Sample Depth (ft)				-	85	89	70	-	69.5	-	74	73	-
Conductivity (µS/cm)				142.10	98.50	93.60	349.40	-	347.00	-	335.50	354.10	-
Water Temperature (C°)				12.90	16.10	15.30	10.00	-	12.20	-	12.10	10.60	-
pH				8.13	7.10	7.27	7.74	-	7.19	-	6.96	7.91	-
Analytes	Washington Drinking Water Standards												
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary										
Phosphorus	-	-	-	0.003	-	0.004	0.003	0.003	0.002	0.002	0.003	0.003	0.003
SRP <sup>3</sup>	-	-	-	0.003	-	0.003	<0.001	<0.001	0.002	0.002	0.002	0.001	0.001
Nitrate+Nitrite	10	5	-	0.495	-	0.320	1.480	1.480	1.500	1.480	1.430	1.340	1.330
Arsenic	0.01	0.005	-	0.00117	<0.001	<0.001	-	-	0.00213	0.00215	0.00216	-	-
Lead <sup>4</sup>	0.015	-	-	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	-
Copper <sup>4</sup>	1.3	-	-	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	-
Mercury	0.002	0.0004	-	<0.0002	<0.0002	<0.0002	-	-	<0.0002	<0.0002	<0.0002	-	-
Cadmium	0.005	0.005	-	<0.0002	<0.0002	<0.0002	-	-	<0.0002	<0.0002	<0.0002	-	-
Chromium	0.1	0.02	-	<0.0015	-	<0.0015	-	-	-	-	<0.0015	-	-
Fluoride	4	0.5	2	<0.1	-	<0.1	-	-	-	-	<0.1	-	-
Chloride	-	250	250	4.27	-	2.55	2.90	2.86	3.25	3.26	2.90	3.04	3.02
Sodium	-	-	-	2.47	-	2.48	-	-	-	-	3.40	-	-
Zinc	-	5	5	<0.005	<0.005	<0.005	-	-	0.009	<0.005	<0.005	-	-
Magnesium	-	-	-	4.60	-	3.80	-	-	-	-	19.60	-	-
Potassium	-	-	-	1.20	-	1.05	-	-	-	-	2.25	-	-
Manganese	-	0.05	0.05	<0.001	-	<0.001	-	-	-	-	<0.001	-	-
Calcium	-	-	-	19.70	-	11.50	-	-	-	-	43.70	-	-

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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

Results above the trigger level are in red.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

\*Rejected due to sample contamination, see 2021 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name				Trent & Barker Road, monitoring well				Barker Road north of river, monitoring well		Barker Road Centennial Trail North, monitoring well		Barker Road Centennial Trail South, monitoring well		CONSOLIDATED IRRIG DIST 19, Site 11B
WQMP Well ID				5505D01				5507H01		5508M01		5508M02		6631M04
SampleID/Comment				5505D01	5505D01	5505D01	5505D01	5507H01	5507H01	5508M01	5508M01	5508M02	5508M02	6631M04
Quarter				1	2	3	4	2	3	2	3	2	3	3
Sample Date				2/4/21	5/6/21	8/6/21	11/4/21	5/6/21	8/6/21	5/6/21	8/6/21	5/6/21	8/6/21	8/10/21
Static Water Level (ft)				91.70	90.08	95.74	94.11	44.78	51.41	63.48	70.00	64.61	70.92	-
Sample Depth (ft)				93	91	97	96	46	53	65	71	66	72	-
Conductivity (µS/cm)				380.50	383.70	371.90	388.40	71.50	67.10	58.80	64.6	59.70	64.9	240.80
Water Temperature (C°)				11.10	12.90	13.70	11.60	9.20	25.10	11.60	23.00	10.70	20.00	13.50
pH				7.74	7.18	7.18	7.97	6.46	6.49	6.64	7.01	6.43	6.31	7.54
Analytes	Washington Drinking Water Standards													
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary											
Phosphorus	-	-	-	0.007	0.010	0.012	0.012	-	0.013	-	0.013	-	0.012	0.005
SRP <sup>3</sup>	-	-	-	0.007	0.010	0.011	0.012	-	0.012	-	0.011	-	0.012	0.012
Nitrate+Nitrite	10	5	-	3.010	3.190	3.150	3.020	-	0.452	-	0.307	-	0.395	1.140
Arsenic	0.01	0.005	-	-	-	0.00536	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00534
Lead <sup>4</sup>	0.015	-	-	-	-	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Copper <sup>4</sup>	1.3	-	-	-	-	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00103
Mercury	0.002	0.0004	-	-	-	<0.0002	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Cadmium	0.005	0.005	-	-	-	<0.0002	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Chromium	0.1	0.02	-	-	-	<0.0015	-	-	<0.0015	-	<0.0015	-	<0.0015	<0.0015
Fluoride	4	0.5	2	-	-	0.12	-	-	<0.1	-	<0.1	-	<0.1	<0.1
Chloride	-	250	250	7.11	7.90	7.47	7.26	-	2.61	-	2.49	-	2.44	5.21
Sodium	-	-	-	-	-	6.78	-	-	3.15	-	3.06	-	3.09	3.14
Zinc	-	5	5	-	-	<0.005	-	0.013	0.017	0.027	0.020	0.017	0.012	<0.005
Magnesium	-	-	-	-	-	15.70	-	-	2.12	-	1.98	-	2.05	13.90
Potassium	-	-	-	-	-	2.71	-	-	1.07	-	1.06	-	1.01	2.21
Manganese	-	0.05	0.05	-	-	<0.001	-	-	0.002	-	<0.001	-	<0.001	<0.001
Calcium	-	-	-	-	-	55.00	-	-	7.04	-	6.83	-	7.03	29.30

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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

Results above the trigger level are in red.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

\*Rejected due to sample contamination, see 2021 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name				Idaho Road - East Farms monitoring well at CID11				Idaho Road 300 ft south of pipeline, monitoring well				Idaho Road 1000 ft south of Trent, monitoring well			
WQMP Well ID				6631M07				6525R01				6524R01			
SampleID/Comment				6631M07	6631M07	6631M07	6331M07	6525R01	6525R01	6525R01	6525R01	6524R01	6524R01	6524R01	6524R01a
Quarter				1	2	3	4	1	2	3	4	1	2	3	3
Sample Date				2/4/21	5/6/21	8/6/21	11/4/21	2/4/21	5/6/21	8/6/21	11/4/21	2/4/21	5/6/21	8/6/21	8/6/21
Static Water Level (ft)				114.40	114.33	117.80	116.73	103.52	103.66	106.95	105.98	125.37	125.83	128.9	-
Sample Depth (ft)				116	115	119	118	105	105	108	107	127	127	130	-
Conductivity (µS/cm)				268.40	264.20	255.80	266.90	322.30	318.30	312.7	327.2	334.4	331.90	319.00	-
Water Temperature (C°)				14.20	15.40	15.60	14.90	10.40	12.20	12.7	11	10.60	12.40	13.30	-
pH				7.91	7.56	7.39	8.13	7.84	7.24	7.36	7.88	7.69	7.24	7.44	-
Analytes	Washington Drinking Water Standards														
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary												
Phosphorus	-	-	-	0.005	0.005	0.005	0.003	0.004	0.003	0.007	<0.002	0.004	0.003	0.005	0.005
SRP <sup>3</sup>	-	-	-	0.002	0.005	0.003	0.002	0.001	0.002	<0.001	<0.001	<0.001	0.003	0.001	0.002
Nitrate+Nitrite	10	5	-	1.250	1.230	1.220	1.180	0.931	0.937	0.903	0.859	2.130	2.190	2.030	2.090
Arsenic	0.01	0.005	-	-	-	0.00538	-	-	-	0.00243	-	-	-	0.00287	0.00286
Lead <sup>4</sup>	0.015	-	-	-	-	<0.001	-	-	-	<0.001	-	-	-	<0.001	<0.001
Copper <sup>4</sup>	1.3	-	-	-	-	<0.001	-	-	-	<0.001	-	-	-	<0.001	<0.001
Mercury	0.002	0.0004	-	-	-	<0.0002	-	-	-	<0.0002	-	-	-	<0.0002	<0.0002
Cadmium	0.005	0.005	-	-	-	<0.0002	-	-	-	<0.0002	-	-	-	<0.0002	<0.0002
Chromium	0.1	0.02	-	-	-	<0.0015	-	-	-	<0.0015	-	-	-	0.0018	0.0018
Fluoride	4	0.5	2	-	-	<0.1	-	-	-	<0.1	-	-	-	0.11	<0.1
Chloride	-	250	250	5.40	5.72	5.31	5.51	2.24	2.50	2.27	2.48	5.32	5.25	4.45	4.53
Sodium	-	-	-	-	-	3.24	-	-	-	3.41	-	-	-	3.73	3.84
Zinc	-	5	5	-	-	<0.005	-	-	-	<0.005	-	-	-	<0.005	<0.005
Magnesium	-	-	-	-	-	14.00	-	-	-	19.10	-	-	-	16.80	17.20
Potassium	-	-	-	-	-	2.24	-	-	-	2.10	-	-	-	2.22	2.29
Manganese	-	0.05	0.05	-	-	<0.001	-	-	-	<0.001	-	-	-	<0.001	<0.001
Calcium	-	-	-	-	-	31.40	-	-	-	39.50	-	-	-	41.60	42.80

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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

Results above the trigger level are in red.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

\*Rejected due to sample contamination, see 2021 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name		Spring well	Three Springs					Spokane Fish Hatchery well	SPOKANE FISH HATCHERY, GRIFFITH SPR					
WQMP Well ID			5212F01s					6211K01	6211J01s					
SampleID/Comment		6524R01	5212F01S	5212F01S	5212F01S	5212F01s	5212F01sa	6211K01	6211J01s	6211J01S	6211J01S	6211J01s		
Quarter		4	1	2	3	4	4	3	1	2	3	4		
Sample Date		11/4/21	1/26/21	4/27/21	8/2/21	10/26/21	10/26/21	8/5/21	1/26/21	4/27/21	8/5/21	10/26/21		
Static Water Level (ft)		127.98	-	-	-	-	-	-	-	-	-	-		
Sample Depth (ft)		129	-	-	-	-	-	-	-	-	-	-		
Conductivity (µS/cm)		337.50	322.1	312.1	311.30	355.50	-	296.10	339.70	337.10	330.70	348.50		
Water Temperature (C°)		11.10	11.1	11.6	11.80	11.60	-	12.00	11.20	11.40	11.30	11.20		
pH		7.96	7.86	7.51	7.54	8.07	-	7.38	7.98	7.38	7.04	8.20		
Analytes	Washington Drinking Water Standards													
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary											
Phosphorus	-	-	-	0.003	0.004	0.005	0.016	0.004	0.005	0.009	0.004	0.005	0.007	0.005
SRP <sup>3</sup>	-	-	-	0.002	0.004	0.004	0.004	0.001	0.001	0.008	0.004	0.004	0.003	<0.001
Nitrate+Nitrite	10	5	-	2.090	1.960	1.800	2.040	2.470	2.440	1.310	1.540	1.620	1.550	1.530
Arsenic	0.01	0.005	-	-	-	-	0.00273	-	-	0.00354	-	-	0.00314	-
Lead <sup>4</sup>	0.015	-	-	-	-	-	<0.001	-	-	<0.001	-	-	<0.001	-
Copper <sup>4</sup>	1.3	-	-	-	-	-	<0.001	-	-	<0.001	-	-	<0.001	-
Mercury	0.002	0.0004	-	-	-	-	<0.0002	-	-	<0.0002	-	-	<0.0002	-
Cadmium	0.005	0.005	-	-	-	-	<0.0002	-	-	<0.0002	-	-	<0.0002	-
Chromium	0.1	0.02	-	-	-	-	<0.0015	-	-	<0.0015	-	-	<0.0015	-
Fluoride	4	0.5	2	-	-	-	<0.1	-	-	<0.1	-	-	<0.1	-
Chloride	-	250	250	4.91	12.70	13.00	14.50	15.80	15.70	8.96	11.00	11.70	11.70	11.60
Sodium	-	-	-	-	-	-	6.78	-	-	4.48	-	-	5.28	-
Zinc	-	5	5	-	-	-	<0.005	-	-	0.006	-	-	<0.005	-
Magnesium	-	-	-	-	-	-	14.10	-	-	18.60	-	-	20.90	-
Potassium	-	-	-	-	-	-	2.32	-	-	2.41	-	-	2.68	-
Manganese	-	0.05	0.05	-	-	-	<0.001	-	-	<0.001	-	-	<0.001	-
Calcium	-	-	-	-	-	-	39.00	-	-	34.60	-	-	38.20	-

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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

Results above the trigger level are in red.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

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Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name		Waikiki Springs				Waikiki Springs-new location					
		6306P01s				6306P01s2					
WQMP Well ID		6306P01s				6306P01s2					
SampleID/Comment		6306P01s	6306P01s	6306P01s	6306P01s	6306P01s2	6306P01s2	6306P01s2	6306P01s2		
Quarter		1	2	3	4	1	2	3	4		
Sample Date		1/26/21	4/27/21	8/5/21	10/26/21	1/26/21	4/27/21	8/5/21	10/26/21		
Static Water Level (ft)		-	-	-	-	-	-	-	-		
Sample Depth (ft)		-	-	-	-	-	-	-	-		
Conductivity (µS/cm)		374.40	327.70	368.00	355.80	332.70	331.60	296.90	346.60		
Water Temperature (C°)		10.70	10.90	11.00	10.80	10.30	10.90	10.90	10.70		
pH		7.81	7.57	6.43	8.12	7.97	7.73	6.93	8.2		
Analytes	Washington Drinking Water Standards										
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary								
Phosphorus	-	-	-	0.003	0.003	<0.002	0.003	0.002	0.002	0.002	0.004
SRP <sup>3</sup>	-	-	-	0.002	0.002	0.001	0.001	0.002	0.001	0.001	<0.001
Nitrate+Nitrite	10	5	-	2.940	2.900	2.790	3.330	1.910	1.970	2.010	2.130
Arsenic	0.01	0.005	-	-	-	0.00224	-	-	-	0.00262	-
Lead <sup>4</sup>	0.015	-	-	-	-	<0.001	-	-	-	<0.001	-
Copper <sup>4</sup>	1.3	-	-	-	-	<0.001	-	-	-	<0.001	-
Mercury	0.002	0.0004	-	-	-	<0.0002	-	-	-	<0.0002	-
Cadmium	0.005	0.005	-	-	-	<0.0002	-	-	-	<0.0002	-
Chromium	0.1	0.02	-	-	-	<0.0015	-	-	-	<0.0015	-
Fluoride	4	0.5	2	-	-	<0.1	-	-	-	<0.1	-
Chloride	-	250	250	13.40	16.50	14.30	14.20	8.24	9.10	8.28	8.94
Sodium	-	-	-	-	-	7.04	-	-	-	4.86	-
Zinc	-	5	5	-	-	<0.005	-	-	-	<0.005	-
Magnesium	-	-	-	-	-	24.50	-	-	-	21.20	-
Potassium	-	-	-	-	-	2.82	-	-	-	2.64	-
Manganese	-	0.05	0.05	-	-	<0.001	-	-	-	<0.001	-
Calcium	-	-	-	-	-	39.90	-	-	-	35.60	-

All results reported in mg/l (ppm)

1 Maximum Contaminant Levels

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3 Soluble Reactive Phosphorus

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Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring  
2021 Quarterly Results

Well Name				Blank				Equipment Blank			
WQMP Well ID				Blank				Equipment Blank			
SampleID/Comment				BLANK	BLANK	BLANK	BLANK	EQUIP BLANK	EQUIP BLANK	EQUIP BLANK	EQUIP BLANK
Quarter				1	2	3	4	1	2	3	4
Sample Date				2/2/21	5/6/21	8/10/21	11/2/21	2/2/21	5/6/21	8/10/21	11/2/21
Static Water Level (ft)				-	-	-	-	-	-	-	-
Sample Depth (ft)				-	-	-	-	-	-	-	-
Conductivity (µS/cm)				-	-	-	-	-	-	-	-
Water Temperature (C°)				-	-	-	-	-	-	-	-
pH				-	-	-	-	-	-	-	-
Analytes	Washington Drinking Water Standards										
	MCL <sup>1</sup>	Trigger Level <sup>2</sup>	Secondary								
Phosphorus	-	-	-	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
SRP <sup>3</sup>	-	-	-	<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	<0.05	<0.05	<0.05	<0.05	<0.05
Arsenic	0.01	0.005	-	-	<0.001	<0.001	-	-	<0.001	0.00171	-
Lead <sup>4</sup>	0.015	-	-	-	<0.001	<0.001	-	-	<0.001	<0.001	-
Copper <sup>4</sup>	1.3	-	-	-	<0.001	<0.001	-	-	<0.001	<0.001	-
Mercury	0.002	0.0004	-	-	<0.0002	<0.0002	-	-	<0.0002	<0.0002	-
Cadmium	0.005	0.005	-	-	<0.0002	<0.0002	-	-	<0.0002	<0.0002	-
Chromium	0.1	0.02	-	-	-	<0.0015	-	-	-	0.0028	-
Fluoride	4	0.5	2	-	-	<0.1	-	-	-	<0.1	-
Chloride	-	250	250	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Sodium	-	-	-	-	-	<0.5	-	-	-	1.55	-
Zinc	-	5	5	-	0.043	<0.005	-	-	<0.005	<0.005	-
Magnesium	-	-	-	-	-	<0.5	-	-	-	6.74	-
Potassium	-	-	-	-	-	<0.5	-	-	-	1.07	-
Manganese	-	0.05	0.05	-	-	<0.001	-	-	-	<0.001	-
Calcium	-	-	-	-	-	<0.1	-	-	-	15.20	-

All results reported in mg/l (ppm)

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