

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 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		7/26/22	2/1/22	5/3/22	8/1/22	11/3/22	7/26/22	8/2/22	8/2/22	8/2/22	8/2/22		
Static Water Level (ft)		---	83.10	76.78	82.00	80.37	---	205.41	208.88	---	---		
Sample Depth (ft)		---	86	82	86	86	---	208.5	210	---	---		
Conductivity (µS/cm)		395.80	184.50	168.10	169.20	213.00	209.20	282.00	290.50	269.40	212.30		
Water Temperature (C°)		12.10	13.80	13.60	12.80	13.50	13.70	15.10	14.80	13.90	11.10		
pH		7.94	8.06	7.74	8.08	8.08	8.29	8.16	8.15	7.86	8.32		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.009	0.003	0.003	0.005	0.005	0.008	0.005	0.004	0.003	0.005
SRP ³	-	-	-	0.008	0.002	0.002	0.004	0.002	0.003	0.002	0.002	0.001	0.003
Nitrate+Nitrite	10	5	-	1.780	0.774	0.644	0.556	1.000	0.757	0.825	0.878	0.800	0.804
Arsenic	0.01	0.005	-	0.00259	---	---	0.00225	---	0.00265	0.00371	0.00334	0.00361	0.00259
Lead ⁴	0.015	-	-	<0.001	---	---	<0.001	---	<0.001	<0.001	<0.001	<0.001	<0.001
Copper ⁴	1.3	-	-	<0.001	---	---	<0.001	---	0.00166	<0.001	<0.001	<0.001	0.00158
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	0.10	0.02	-	<0.0015	---	---	<0.0015	---	0.00369*	0.00172	0.00161	<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	34.00	6.14	5.90	5.33	7.40	6.09	8.11	5.34	4.44	3.68
Sodium	-	-	-	10.80	---	---	3.32	---	3.29	3.33	3.57	2.95	3.45
Zinc	-	5	5	<0.005	---	---	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005
Magnesium	-	-	-	13.40	---	---	6.17	---	8.08	13.50	14.60	13.70	10.50
Potassium	-	-	-	2.71	---	---	1.27	---	1.49	1.75	1.87	1.78	1.84
Manganese	-	0.05	0.05	<0.001	---	---	<0.001	---	0.00112*	<0.001	<0.001	<0.001	<0.001
Calcium	-	-	-	41.90	---	---	17.70	---	25.30	28.40	27.20	25.50	25.80

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Results above the trigger level are in red.

*Rejected due to sample contamination, see 2022 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 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	Felts Field City monitoring well		
WQMP Well ID		6327N04					5307M01	5304G01	5311J05				5311J07	5312C01		
SampleID/Comment		6327N04	6327N04	6327N04	6327N04a	6327N04	5307M01	5304G01	5311J05	5311J05	5311J05	5311J05	5311J07	5312C01	5312C01	
Quarter		1	2	3	3	4	3	3	1	2	3	4	3	2	3	
Sample Date		2/1/22	5/3/22	8/2/22	8/2/22	11/3/22	8/1/22	8/2/22	2/1/22	5/3/22	8/5/22	11/3/22	8/5/22	5/3/22	8/2/22	
Static Water Level (ft)		188.25	185.76	186.33	---	189.25	137.10	178.75	65.56	61.58	67.21	66.40	67.42	58.35	62.08	
Sample Depth (ft)		190	187	188	---	190	148	182	67	62.5	69	68	105.1	68	68	
Conductivity (µS/cm)		334.20	395.30	514.50	---	335.40	278.10	324.40	281.90	316.30	368.90	318.00	365.70	199.40	218.20	
Water Temperature (C°)		13.10	14.20	14.90	---	14.20	17.10	15.20	11.00	12.60	12.10	11.10	11.80	13.50	14.70	
pH		8.10	7.69	7.82	---	7.98	8.39	8.03	8.22	7.82	7.89	7.52	7.87	8.08	8.17	
Analytes	Washington Drinking Water Standards															
	MCL ¹	Trigger Level ²	Secondary													
Phosphorus	-	-	-	0.002	0.003	0.004	0.004	0.007	0.005	0.012	0.004	0.009	0.005	0.004	0.005	0.013
SRP ³	-	-	-	0.002	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.002	0.002	0.013
Nitrate+Nitrite	10	5	-	2.190	3.410	3.330	3.370	2.070	1.080	1.200	1.460	1.650	1.760	1.570	1.750	0.918
Arsenic	0.01	0.005	-	---	---	0.00148	0.00149	---	0.00259	0.00346	---	---	0.00309	---	0.00303	0.00585 0.00573
Lead ⁴	0.015	-	-	---	---	<0.001	<0.001	---	<0.001	<0.001	---	---	<0.001	---	<0.001	<0.001
Copper ⁴	1.3	-	-	---	---	0.00121	<0.001	---	<0.001	0.0011	---	---	<0.001	---	<0.001	0.00177
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	0.10	0.02	-	---	---	<0.0015	<0.0015	---	<0.0015	0.00239	---	---	<0.0015	---	<0.0015	<0.0015
Fluoride	4	0.5	2	---	---	<0.1	<0.1	---	<0.1	0.12	---	---	<0.1	---	0.10	<0.1
Chloride	-	250	250	10.20	10.10	11.40	11.10	9.38	8.62	8.83	7.95	9.02	9.65	8.92	9.25	4.19
Sodium	-	-	-	---	---	11.90	11.80	---	4.25	4.67	---	---	5.31	---	5.08	3.59
Zinc	-	5	5	---	---	<0.005	<0.005	---	<0.005	0.018	---	---	<0.005	---	0.012	<0.005
Magnesium	-	-	-	---	---	26.30	26.10	---	10.60	14.70	---	---	16.40	---	16.60	6.96
Potassium	-	-	-	---	---	3.86	3.80	---	1.82	1.96	---	---	2.14	---	2.16	1.48
Manganese	-	0.05	0.05	---	---	<0.001	<0.001	---	<0.001	0.0135*	---	---	<0.001	---	<0.001	<0.001
Calcium	-	-	-	---	---	39.90	39.60	---	30.60	32.70	---	---	38.10	---	37.20	25.10

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Results above the trigger level are in red.

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Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 Quarterly Results

Well Name		ORCHARD AVE IRRIG DIST, Site 1				Orchard Ave Irrig Dist, Site 2 Buckeye & Dick			Plantes Ferry Park monitoring well	PASADENA PARK #2				monitoring well Frederick & Bowdish	MODERN ELECT WATER, Site 6		
WQMP Well ID		5312H01				5407C01			5404A01	5405K01				5409C02	5408N01		
SampleID/Comment		5312H01	5312H01	5312H01	5312H01	5407C01	5407C01	5407C01	5404A01	5405K01	5405K01	5405K01	5405K01	5409C02	5408N01		
Quarter		1	2	3	4	2	3	4	3	1	2	3	4	3	3		
Sample Date		1/25/22	4/26/22	7/26/22	10/25/22	4/26/22	7/26/22	10/25/22	8/5/22	1/25/22	4/26/22	7/26/22	10/25/22	8/1/22	7/26/22		
Static Water Level (ft)		---	---	---	---	---	---	---	47.30	---	---	---	---	90.75	---		
Sample Depth (ft)		---	---	---	---	---	---	---	109.5	---	---	---	---	92	---		
Conductivity (µS/cm)		305.60	316.60	360.30	261.30	312.10	367.70	261.90	319.20	223.60	192.90	215.00	191.20	332.00	276.40		
Water Temperature (C°)		10.40	10.50	10.80	10.50	16.00	21.90	10.40	13.50	11.00	9.90	11.10	10.00	12.00	11.50		
pH		8.13	7.90	7.94	7.68	7.89	7.91	7.72	6.60	8.23	7.55	7.72	7.40	7.86	8.12		
Analytes	Washington Drinking Water Standards																
	MCL ¹	Trigger Level ²	Secondary														
Phosphorus	-	-	-	0.012	0.008	0.010	0.013	0.008	0.010	0.013	0.175	0.008	0.009	0.006	0.007	0.005	0.006
SRP ³	-	-	-	0.012	0.007	0.010	0.013	0.008	0.010	0.012	0.025	0.006	0.007	0.006	0.005	0.004	0.003
Nitrate+Nitrite	10	5	-	1.560	1.800	2.010	1.400	1.670	1.720	1.390	<0.05	1.470	1.080	1.220	1.010	1.510	1.120
Arsenic	0.01	0.005	-	---	0.00481	0.00451	---	---	0.00318	---	<0.001	---	---	0.00139	---	0.00426	0.00297
Lead ⁴	0.015	-	-	---	<0.001	<0.001	---	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001	<0.001
Copper ⁴	1.3	-	-	---	<0.001	<0.001	---	---	0.00195	---	0.01040	---	---	<0.001	---	<0.001	0.00333
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	0.10	0.02	-	---	---	<0.0015	---	---	<0.0015	---	<0.0015	---	---	<0.0015	---	<0.0015	<0.0015
Fluoride	4	0.5	2	---	---	<0.1	---	---	<0.1	---	0.32	---	---	<0.1	---	<0.1	<0.1
Chloride	-	250	250	5.69	7.26	8.18	5.30	7.14	8.49	5.31	1.77	4.93	6.26	4.96	3.87	6.91	5.05
Sodium	-	-	-	---	---	5.07	---	---	5.38	---	10.40	---	---	3.91	---	4.39	3.06
Zinc	-	5	5	---	0.018	0.008	---	---	0.017	---	0.116	---	---	<0.005	---	<0.005	<0.005
Magnesium	-	-	-	---	---	14.80	---	---	15.90	---	13.60	---	---	7.76	---	14.10	12.50
Potassium	-	-	-	---	---	2.40	---	---	2.40	---	5.47	---	---	2.14	---	2.13	1.85
Manganese	-	0.05	0.05	---	---	<0.001	---	---	<0.001	---	0.31600	---	---	<0.001	---	0.02560	<0.001
Calcium	-	-	-	---	---	44.10	---	---	42.60	---	24.30	---	---	24.70	---	37.90	31.30

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Results above the trigger level are in red.

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Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 Quarterly Results

Well Name		MODERN ELECT WATER, Site 11	East Valley High School monitoring well				monitoring well at SCC									
WQMP Well ID		5415E03	6436N01				5310Q01									
SampleID/Comment		5415E03	6436N01	6436N01	6436N01	6436N01	5310Q01	5310Q01a	5310Q01	5310Q01a	5310Q01	5310Q01a	5310Q01	5310Q01a		
Quarter		3	1	2	3	4	1	1	2	2	3	3	4	4		
Sample Date		7/26/22	2/3/22	5/3/22	8/5/22	---	2/1/22	2/1/22	5/3/22	5/3/22	8/1/22	8/1/22	11/3/22	11/3/22		
Static Water Level (ft)		---	115.49	112.45	116.13	---	37.50	---	33.76	---	39.38	---	38.72	---		
Sample Depth (ft)		---	117	114	118	---	41	---	41	---	41	---	41	---		
Conductivity (µS/cm)		234.90	509.90	466.30	555.70	---	178.90	---	212.60	---	240.10	---	184.40	---		
Water Temperature (C°)		12.00	13.20	14.40	14.70	---	13.00	---	12.80	---	13.70	---	12.90	---		
pH		8.29	7.66	7.56	7.56	---	8.46	---	8.27	---	8.27	---	8.09	---		
Analytes	Washington Drinking Water Standards															
	MCL ¹	Trigger Level ²	Secondary													
Phosphorus	-	-	-	0.007	0.035	0.042	0.043		0.003	0.003	0.007	0.007	0.004	0.004	0.006	0.006
SRP ³	-	-	-	0.003	0.033	0.042	0.039		0.003	0.003	0.002	0.002	0.003	0.003	0.002	0.002
Nitrate+Nitrite	10	5	-	0.818	3.530	4.400	3.130		0.736	0.732	0.947	0.934	0.796	0.792	0.680	0.682
Arsenic	0.01	0.005	-	0.00330	---	---	0.00244	---	---	---	---	---	0.00307	0.00302	---	---
Lead ⁴	0.015	-	-	<0.001	---	---	<0.001	---	---	---	---	---	<0.001	<0.001	---	---
Copper ⁴	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	0.10	0.02	-	<0.0015	---	---	0.00157	---	---	---	---	---	<0.0015	<0.0015	---	---
Fluoride	4	0.5	2	<0.1	---	---	0.14	---	---	---	---	---	<0.1	<0.1	---	---
Chloride	-	250	250	4.45	14.70	12.90	12.50	---	5.88	5.89	8.09	8.07	7.33	7.36	5.31	5.29
Sodium	-	-	-	2.88	---	---	11.90	---	---	---	---	---	3.54	3.57	---	---
Zinc	-	5	5	<0.005	---	---	<0.005	---	---	---	---	---	<0.005	<0.005	---	---
Magnesium	-	-	-	10.40	---	---	24.30	---	---	---	---	---	9.15	9.29	---	---
Potassium	-	-	-	1.66	---	---	3.76	---	---	---	---	---	1.64	1.66	---	---
Manganese	-	0.05	0.05	<0.001	---	---	0.00164	---	---	---	---	---	0.00199	0.00185	---	---
Calcium	-	-	-	26.10	---	---	60.50	---	---	---	---	---	27.20	27.40	---	---

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

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
2022 Quarterly Results

Well Name		Olive & Fiske monitoring well				Third & Havana Nested Site, east				Third & Havana Nested Site, mid	6th & Havana monitoring well (MW-2)					
WQMP Well ID		5315L01				5322A01				5322A03	5323E01					
SampleID/Comment		5315L01	5315L01	5315L01	5315L01	5322A01	5322A01	5322A01	5322A01	5322A03	5323E01	5323E01	5323E01	5323E01		
Quarter		1	2	3	4	1	2	3	4	3	1	2	3	4		
Sample Date		2/1/22	5/3/22	8/2/22	11/3/22	2/1/22	5/3/22	8/1/22	11/3/22	8/1/22	---	5/3/22	8/1/22	11/3/22		
Static Water Level (ft)		67.21	64.15	68.93	68.38	49.66	46.60	51.40	50.90	51.26	---	47.21	51.85	51.45		
Sample Depth (ft)		68	68	70	69	51	47.5	53	52	90	---	48	53	53		
Conductivity (µS/cm)		217.70	235.60	279.90	160.00	254.20	262.10	298.40	259.90	301.50	---	315.10	416.00	277.40		
Water Temperature (C°)		13.00	14.00	13.90	12.20	12.40	14.20	14.90	12.80	14.30	---	13.50	14.90	12.40		
pH		8.26	8.05	8.12	8.22	8.03	7.84	8.27	8.27	8.30	---	7.79	7.91	8.16		
Analytes	Washington Drinking Water Standards															
	MCL ¹	Trigger Level ²	Secondary													
Phosphorus	-	-	-	0.006	0.008	0.006	0.004	0.007	0.011	0.009	0.006	0.009		0.010	0.011	0.010
SRP ³	-	-	-	0.003	0.003	0.004	0.003	0.006	0.007	0.009	0.005	0.008		0.009	0.011	0.009
Nitrate+Nitrite	10	5	-	0.861	0.936	0.961	0.810	1.230	1.270	1.260	1.200	1.310		1.840	2.170	2.250
Arsenic	0.01	0.005	-	---	---	0.00237	---	---	---	0.00250	---	0.00284	---	---	0.00353	---
Lead ⁴	0.015	-	-	---	---	<0.001	---	---	---	<0.001	---	<0.001	---	---	<0.001	---
Copper ⁴	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	0.10	0.02	-	---	---	<0.0015	---	---	---	<0.0015	---	<0.0015	---	---	0.00251*	---
Fluoride	4	0.5	2	---	---	<0.1	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Chloride	-	250	250	11.00	11.10	13.10	6.05	15.90	10.90	9.18	9.48	9.71	---	12.80	16.30	17.00
Sodium	-	-	-	---	---	3.56	---	---	---	5.46	---	5.94	---	---	7.65	---
Zinc	-	5	5	---	---	<0.005	---	---	---	0.013	---	<0.005	---	---	<0.005	---
Magnesium	-	-	-	---	---	10.20	---	---	---	10.80	---	11.20	---	---	15.40	---
Potassium	-	-	-	---	---	1.71	---	---	---	1.89	---	1.98	---	---	2.58	---
Manganese	-	0.05	0.05	---	---	<0.001	---	---	---	<0.001	---	0.00286*	---	---	<0.001	---
Calcium	-	-	-	---	---	29.90	---	---	---	33.20	---	33.90	---	---	46.10	---

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

3 Soluble Reactive Phosphorus

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Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 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		1/25/22	4/26/22	7/26/22	10/25/22	1/25/22	4/26/22	7/26/22	10/25/22		5/3/22	8/5/22		
Static Water Level (ft)		---	---	---	---	---	---	---	---	---	44.80	51.00	---	
Sample Depth (ft)		---	---	---	---	---	---	---	---	---	46	52	---	
Conductivity (µS/cm)		417.20	443.00	440.10	447.10	470.40	437.80	492.40	449.30	---	197.40	269.20	---	
Water Temperature (C°)		11.80	12.00	12.10	11.80	10.90	11.30	11.70	11.10	---	10.00	11.50	---	
pH		7.83	7.68	7.66	7.34	7.87	7.58	7.77	7.34	---	8.07	8.20	---	
Analytes	Washington Drinking Water Standards													
	MCL ¹	Trigger Level ²	Secondary											
Phosphorus	-	-	-	0.021	0.017	0.016	0.021	0.020	0.013	0.017	0.023		0.005	0.007
SRP ³	-	-	-	0.020	0.015	0.015	0.020	0.019	0.004	0.016	0.022		0.002	0.002
Nitrate+Nitrite	10	5	-	3.090	2.720	2.610	3.100	2.980	2.760	2.930	2.970		0.749	0.996
Arsenic	0.01	0.005	-	---	---	0.00385	---	---	---	0.00447	---	---	---	0.00216
Lead ⁴	0.015	-	-	---	---	<0.001	---	---	---	<0.001	---	---	---	<0.001
Copper ⁴	1.3	-	-	---	---	0.00494	---	---	---	0.00137	---	---	---	<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	0.10	0.02	-	---	---	<0.0015	---	---	---	<0.0015	---	---	---	<0.0015
Fluoride	4	0.5	2	---	---	<0.1	---	---	---	<0.1	---	---	---	<0.1
Chloride	-	250	250	24.10	21.90	21.50	25.80	19.60	19.40	20.20	20.60	---	2.96	3.27
Sodium	-	-	-	---	---	9.65	---	---	---	10.60	---	---	---	2.76
Zinc	-	5	5	---	---	<0.005	---	---	---	0.006	---	---	---	<0.005
Magnesium	-	-	-	---	---	16.20	---	---	---	19.00	---	---	---	12.40
Potassium	-	-	-	---	---	2.82	---	---	---	3.30	---	---	---	1.57
Manganese	-	0.05	0.05	---	---	<0.001	---	---	---	<0.001	---	---	---	<0.001
Calcium	-	-	-	---	---	52.80	---	---	---	58.90	---	---	---	27.80

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Results above the trigger level are in red.

*Rejected due to sample contamination, see 2022 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 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		2/3/2022	5/3/2022	8/5/2022	8/5/2022	---	8/5/22	---	5/5/22	8/5/22	11/1/22	
Static Water Level (ft)		32.01	26.95	34.87	---	---	---	---	82.23	70.91	71.66	
Sample Depth (ft)		33	28	36	---	---	---	---	85.5	72	73	
Conductivity (µS/cm)		223.40	227.30	270.90	---	---	267.70	---	96.40	220.70	192.90	
Water Temperature (C°)		8.80	11.30	13.40	---	---	12.40	---	14.60	15.90	13.70	
pH		8.30	8.03	7.76	---	---	8.02	---	7.21	8.19	7.40	
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	0.005	0.006	0.007	0.006	---	0.007	0.010	0.022	0.006
SRP ³	-	-	-	0.003	0.003	0.002	0.002	---	0.005	0.007	0.006	0.005
Nitrate+Nitrite	10	5	-	0.976	0.925	0.976	0.967	---	0.946	0.820	0.831	0.770
Arsenic	0.01	0.005	-	---	---	0.00282	0.00292	---	0.00307	---	---	0.00291
Lead ⁴	0.015	-	-	---	---	<0.001	<0.001	---	<0.001	---	---	<0.001
Copper ⁴	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	0.10	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	3.15	3.31	3.28	3.25	---	3.03	---	5.69	6.17
Sodium	-	-	-	---	---	3.25	3.06	---	3.21	---	---	3.09
Zinc	-	5	5	---	---	<0.005	<0.005	---	<0.005	---	---	<0.005
Magnesium	-	-	-	---	---	12.90	12.10	---	12.40	---	---	7.74
Potassium	-	-	-	---	---	1.86	1.76	---	1.86	---	---	1.47
Manganese	-	0.05	0.05	---	---	<0.001	<0.001	---	0.00142*	---	---	<0.001
Calcium	-	-	-	---	---	29.80	28.00	---	28.60	---	---	25.00

All results reported in mg/L (ppm)

¹ Maximum Contaminant Levels

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

³ Soluble Reactive Phosphorus

⁴ Federal Action Levels established for distribution systems.

Results above the trigger level are in red.

*Rejected due to sample contamination, see 2022 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 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	CONSOLIDATED IRRIG DIST 19, Site 2A				
WQMP Well ID		5427L01						5426L03				5515C01	5518R01				
SampleID/Comment		5427L01	5427L01a	5427L01	5427L01	5427L01a	5427L01	5427L01a	5426L03	5426L03	5426L03	5426L03	5515C01	5518R01			
Quarter		1	1	2	3	3	4	4	1	2	3	4	3	3			
Sample Date		1/25/22	1/25/22	5/3/22	7/26/22	7/26/22	10/25/22	10/25/22	1/25/22	4/26/22	7/26/22	10/25/22	7/26/22	7/26/22			
Static Water Level (ft)		---	---	---	---	---	---	---	---	---	---	---	---	---			
Sample Depth (ft)		---	---	---	---	---	---	---	---	---	---	---	---	---			
Conductivity (µS/cm)		400.00	---	362.00	451.60	---	362.10	---	406.80	430.70	490.10	426.10	332.50	167.40			
Water Temperature (C°)		11.10	---	11.30	11.70	---	11.10	---	11.10	11.00	11.30	11.00	13.20	13.10			
pH		8.19	---	7.71	7.79	---	7.55	---	8.13	7.60	7.68	7.55	7.82	8.60			
Analytes	Washington Drinking Water Standards																
	MCL ¹	Trigger Level ²	Secondary														
Phosphorus	-	-	-	0.006	0.005	0.008	0.007	0.006	0.007	0.007	0.007	0.007	0.009	0.007	0.010	0.011	0.005
SRP ³	-	-	-	0.005	0.004	0.003	0.006	0.005	0.004	0.005	0.007	0.008	0.007	0.007	0.007	0.011	0.002
Nitrate+Nitrite	10	5	-	2.070	2.020	1.980	2.260	2.220	1.970	1.980	2.720	2.650	2.730	2.880	1.310	0.576	
Arsenic	0.01	0.005	-	---	---	---	0.00417	0.00409	---	---	---	---	0.00400	---	0.00301	0.00133	
Lead ⁴	0.015	-	-	---	---	---	<0.001	<0.001	---	---	---	---	<0.001	---	<0.001	<0.001	
Copper ⁴	1.3	-	-	---	---	---	0.00118	0.00106	---	---	---	---	0.00138	---	0.00287	<0.001	
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	0.10	0.02	-	---	---	---	<0.0015	<0.0015	---	---	---	---	<0.0015	---	<0.0015	<0.0015	
Fluoride	4	0.5	2	---	---	---	<0.1	<0.1	---	---	---	---	<0.1	---	<0.1	<0.1	
Chloride	-	250	250	11.60	11.30	11.30	11.80	11.10	10.60	10.60	12.20	11.60	12.20	12.70	6.95	5.31	
Sodium	-	-	-	---	---	---	7.04	7.04	---	---	---	---	8.96	---	5.23	2.70	
Zinc	-	5	5	---	---	---	<0.005	<0.005	---	---	---	---	0.010	---	<0.005	<0.005	
Magnesium	-	-	-	---	---	---	18.70	18.80	---	---	---	---	17.40	---	12.90	5.28	
Potassium	-	-	-	---	---	---	2.87	2.90	---	---	---	---	3.48	---	2.23	1.24	
Manganese	-	0.05	0.05	---	---	---	<0.001	<0.001	---	---	---	---	<0.001	---	<0.001	<0.001	
Calcium	-	-	-	---	---	---	54.00	54.00	---	---	---	---	63.70	---	39.80	21.00	

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Results above the trigger level are in red.

*Rejected due to sample contamination, see 2022 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 Quarterly Results

Well Name		Mission & Barker monitoring well at CID 4		Euclid & Barker monitoring well at CID5						Trent & Barker Road, monitoring well					
WQMP Well ID		5517D05		5507A04						5505D01					
SampleID/Comment		5517D05	5517D05	5507A04	5507A04a	5507A04	5507A04a	5507A04	5507A04	5507A04a	5505D01	5505D01	5505D01	5505D01	
Quarter		2	3	1	1	2	2	3	4	4	1	2	3	4	
Sample Date		5/5/22	8/4/22	2/3/22	2/3/22	5/5/22	5/5/22	8/4/22	11/1/22	11/1/22	2/3/22	---	---	---	
Static Water Level (ft)		82.23	84.31	70.53	---	67.75	---	69.74	69.22	---	93.45	---	---	---	
Sample Depth (ft)		85.5	86	87	---	69.5	---	71	71	---	95	---	---	---	
Conductivity (µS/cm)		96.40	111.50	307.00	---	352.20	---	379.20	326.60	---	337.50	---	---	---	
Water Temperature (C°)		14.60	13.90	9.40	---	11.00	---	11.80	10.40	---	11.20	---	---	---	
pH		7.21	8.22	8.17	---	7.74	---	7.89	7.40	---	8.13	---	---	---	
Analytes	Washington Drinking Water Standards														
	MCL ¹	Trigger Level ²	Secondary												
Phosphorus	-	-	-	0.003	0.003	0.003	0.003	0.003	0.004	0.002	0.003	0.010			
SRP ³	-	-	-	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.009			
Nitrate+Nitrite	10	5	-	0.377	1.400	1.410	1.650	1.580	1.620	1.470	1.480	3.080			
Arsenic	0.01	0.005	-	0.00151	<0.001	---	---	0.00219	0.00207	0.00201	---	---	---	---	---
Lead ⁴	0.015	-	-	<0.001	<0.001	---	---	<0.001	<0.001	<0.001	---	---	---	---	---
Copper ⁴	1.3	-	-	<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	---	---	---	---	---
Cadmium	0.005	0.005	-	<0.0002	<0.0002	---	---	<0.0002	<0.0002	<0.0002	---	---	---	---	---
Chromium	0.10	0.02	-	---	<0.0015	---	---	---	---	<0.0015	---	---	---	---	---
Fluoride	4	0.5	2	---	<0.1	---	---	---	---	<0.1	---	---	---	---	---
Chloride	-	250	250	---	2.43	3.17	3.12	3.12	3.12	3.28	3.68	3.45	7.66	---	---
Sodium	-	-	-	---	2.25	---	---	---	---	3.10	---	---	---	---	---
Zinc	-	5	5	0.0232*	<0.005	---	---	<0.005	<0.005	<0.005	---	---	---	---	---
Magnesium	-	-	-	---	3.79	---	---	---	---	18.20	---	---	---	---	---
Potassium	-	-	-	---	0.93	---	---	---	---	2.02	---	---	---	---	---
Manganese	-	0.05	0.05	---	<0.001	---	---	---	---	<0.001	---	---	---	---	---
Calcium	-	-	-	---	11.10	---	---	---	---	39.20	---	---	---	---	---

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Results above the trigger level are in red.

*Rejected due to sample contamination, see 2022 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 Quarterly Results

Well Name		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	Idaho Road - East Farms monitoring well at CID11					
WQMP Well ID		5507H01		5508M01		5508M02		6631M04	6631M07					
SampleID/Comment		5507H01	5507H01	5508M01	5508M01	5508M02	5508M02	6631M04	6631M07	6631M07	6631M07	6631M07		
Quarter		2	3	2	3	2	3	3	1	2	3	4		
Sample Date		5/5/22	8/4/22	5/5/22	8/4/22	5/5/22	8/4/22	8/4/22	2/3/22	5/5/22	8/4/22	11/1/22		
Static Water Level (ft)		45.99	48.25	64.35	66.75	65.45	67.66	---	116.97	115.33	114.38	113.68		
Sample Depth (ft)		50	50	65.5	68	66.5	69	---	118	116	116	115		
Conductivity (µS/cm)		67.30	69.60	61.10	67.10	62.00	66.90	250.40	225.50	261.50	285.80	237.50		
Water Temperature (C°)		7.00	23.40	7.90	20.10	7.60	16.60	13.40	14.30	15.10	15.60	15.10		
pH		6.64	6.78	6.93	7.09	6.78	6.92	8.13	8.16	7.94	8.04	7.21		
Analytes	Washington Drinking Water Standards													
	MCL ¹	Trigger Level ²	Secondary											
Phosphorus	-	-	-		0.016		0.011		0.010	0.074	0.006	0.003	0.008	0.005
SRP ³	-	-	-		0.015		0.010		0.008	0.004	0.003	0.002	0.004	0.003
Nitrate+Nitrite	10	5	-		0.274		0.275		0.271	0.950	1.140	1.170	1.200	1.080
Arsenic	0.01	0.005	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00560	---	---	0.00506	---
Lead ⁴	0.015	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	---	---	<0.001	---
Copper ⁴	1.3	-	-	<0.001	<0.001	<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	<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	0.10	0.02	-	---	<0.0015	---	<0.0015	---	<0.0015	<0.0015	---	---	0.00154*	---
Fluoride	4	0.5	2	---	<0.1	---	<0.1	---	<0.1	<0.1	---	---	<0.1	---
Chloride	-	250	250	---	1.91	---	1.81	---	1.73	5.18	5.80	5.42	5.40	5.69
Sodium	-	-	-	---	2.67	---	2.49	---	2.63	2.84	---	---	2.94	---
Zinc	-	5	5	0.014	0.012	0.026	0.019	0.014	0.010	<0.005	---	---	<0.005	---
Magnesium	-	-	-	---	1.84	---	1.78	---	1.88	11.60	---	---	13.00	---
Potassium	-	-	-	---	0.90	---	0.83	---	0.77	1.89	---	---	2.03	---
Manganese	-	0.05	0.05	---	0.00110	---	<0.001	---	<0.001	<0.001	---	---	<0.001	---
Calcium	-	-	-	---	5.68	---	5.75	---	6.10	24.80	---	---	28.40	---

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Results above the trigger level are in red.

*Rejected due to sample contamination, see 2022 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 Quarterly Results

Well Name		Idaho Road 300 ft south of pipeline, monitoring well				Idaho Road 1000 ft south of Trent, monitoring well						
WQMP Well ID		6525R01				6524R01						
SampleID/Comment		6525R01	6525R01	6525R01	6525R01	6524R01	6524R01	6524R01	6524R01a	6524R01		
Quarter		1	2	3	4	1	2	3	3	4		
Sample Date		2/3/22	5/5/22	8/4/22	11/1/22	2/3/22	5/5/22	8/4/22	8/4/22	11/1/22		
Static Water Level (ft)		106.18	104.61	103.53	102.95	128.13	126.64	125.5	---	125.00		
Sample Depth (ft)		107	106	105	104	129	128	127	---	126		
Conductivity (µS/cm)		279.90	327.80	351.80	305.50	289.40	348.00	373.90	---	301.90		
Water Temperature (C°)		10.20	12.30	11.40	11.10	10.80	12.10	12.50	---	11.60		
pH		8.11	7.80	7.92	7.14	8.14	7.71	7.92	---	7.26		
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	0.004	0.002	0.006	<0.002	0.004	0.003	0.007	0.007	0.002
SRP ³	-	-	-	0.002	<0.001	0.002	<0.001	0.003	0.001	0.003	0.002	0.001
Nitrate+Nitrite	10	5	-	0.929	0.955	0.967	0.890	2.070	2.270	2.350	2.300	1.780
Arsenic	0.01	0.005	-	---	---	0.00219	---	---	---	0.00263	0.00272	---
Lead ⁴	0.015	-	-	---	---	<0.001	---	---	---	<0.001	<0.001	---
Copper ⁴	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	0.10	0.02	-	---	---	<0.0015	---	---	---	<0.0015	<0.0015	---
Fluoride	4	0.5	2	---	---	<0.1	---	---	---	<0.1	<0.1	---
Chloride	-	250	250	2.37	2.20	2.34	2.41	4.95	4.87	4.64	4.64	4.32
Sodium	-	-	-	---	---	3.03	---	---	---	3.44	3.49	---
Zinc	-	5	5	---	---	<0.005	---	---	---	<0.005	<0.005	---
Magnesium	-	-	-	---	---	17.60	---	---	---	16.40	16.50	---
Potassium	-	-	-	---	---	1.87	---	---	---	2.09	2.10	---
Manganese	-	0.05	0.05	---	---	<0.001	---	---	---	<0.001	<0.001	---
Calcium	-	-	-	---	---	35.50	---	---	---	40.20	40.70	---

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Results above the trigger level are in red.

*Rejected due to sample contamination, see 2022 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 Quarterly Results

Well Name		Three Springs					Spokane Fish Hatchery well	SPOKANE FISH HATCHERY, GRIFFITH SPR					
WQMP Well ID		5212F01s					6211K01	6211J01s					
SampleID/Comment		5212F01S	5212F01S	5212F01sa	5212F01s	5212F01sa	6211K01	6211J01s	6211J01S	6211J01S	6211J01s		
Quarter		1	2	2	3	4	3	1	2	3	4		
Sample Date		1/25/22	4/26/22	4/26/22	8/1/22	10/25/22	8/2/22	1/25/22	4/26/22	8/2/22	10/25/22		
Static Water Level (ft)		---	---	---	---	---	---	---	---	---	---		
Sample Depth (ft)		---	---	---	---	---	---	---	---	---	---		
Conductivity (µS/cm)		297.50	324.10	---	358.40	332.60	339.00	307.50	342.00	372.00	322.10		
Water Temperature (C°)		11.20	11.60	---	11.80	11.50	12.00	11.20	11.30	11.40	11.30		
pH		8.38	7.96	---	7.96	7.86	8.11	8.11	7.94	8.04	7.75		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.004	0.005	0.005	0.006	0.016	0.006	0.005	0.006	0.008	0.011
SRP ³	-	-	-	0.003	0.004	0.004	0.006	0.004	0.005	0.004	0.005	0.008	0.004
Nitrate+Nitrite	10	5	-	1.940	1.750	0.931	1.760	2.420	1.320	1.530	1.530	1.510	1.570
Arsenic	0.01	0.005	-	---	---	---	0.00321	---	0.00330	---	---	0.00284	---
Lead ⁴	0.015	-	-	---	---	---	<0.001	---	<0.001	---	---	<0.001	---
Copper ⁴	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	0.10	0.02	-	---	---	---	<0.0015	---	<0.0015	---	---	<0.0015	---
Fluoride	4	0.5	2	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Chloride	-	250	250	12.10	12.80	12.90	17.10	16.40	9.73	11.50	10.10	12.00	11.00
Sodium	-	-	-	---	---	---	6.96	---	4.18	---	---	4.80	---
Zinc	-	5	5	---	---	---	<0.005	---	<0.005	---	---	<0.005	---
Magnesium	-	-	-	---	---	---	13.80	---	17.30	---	---	18.70	---
Potassium	-	-	-	---	---	---	2.26	---	2.23	---	---	2.44	---
Manganese	-	0.05	0.05	---	---	---	<0.001	---	<0.001	---	---	<0.001	---
Calcium	-	-	-	---	---	---	38.70	---	32.60	---	---	35.00	---

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Results above the trigger level are in red.

*Rejected due to sample contamination, see 2022 Annual Report

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 Quarterly Results

Well Name		Waikiki Springs				Waikiki Springs-new location					
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		1/25/22	4/26/22	8/2/22	10/25/22	1/25/22	4/26/22	8/2/22	10/25/22		
Static Water Level (ft)		---	---	---	---	---	---	---	---		
Sample Depth (ft)		---	---	---	---	---	---	---	---		
Conductivity (µS/cm)		347.60	406.70	448.50	321.10	303.30	342.00	366.80	317.80		
Water Temperature (C°)		10.50	10.80	11.20	10.80	10.40	10.70	11.20	10.70		
pH		8.46	8.01	8.01	7.93	8.43	8.22	8.32	8.06		
Analytes	Washington Drinking Water Standards										
	MCL ¹	Trigger Level ²	Secondary								
Phosphorus	-	-	-	0.005	0.004	0.003	0.005	0.004	0.004	0.004	0.006
SRP ³	-	-	-	0.001	0.002	<0.001	0.002	0.001	0.001	0.001	0.004
Nitrate+Nitrite	10	5	-	3.240	2.980	3.280	3.510	1.980	1.950	2.100	2.180
Arsenic	0.01	0.005	-	---	---	0.00210	---	---	---	0.00256	---
Lead ⁴	0.015	-	-	---	---	<0.001	---	---	---	<0.001	---
Copper ⁴	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	0.10	0.02	-	---	---	<0.0015	---	---	---	<0.0015	---
Fluoride	4	0.5	2	---	---	<0.1	---	---	---	<0.1	---
Chloride	-	250	250	12.90	15.10	15.40	17.60	8.51	8.16	9.56	9.48
Sodium	-	-	-	---	---	6.38	---	---	---	4.60	---
Zinc	-	5	5	---	---	<0.005	---	---	---	<0.005	---
Magnesium	-	-	-	---	---	22.90	---	---	---	19.90	---
Potassium	-	-	-	---	---	2.54	---	---	---	2.40	---
Manganese	-	0.05	0.05	---	---	<0.001	---	---	---	0.0021*	---
Calcium	-	-	-	---	---	37.30	---	---	---	33.30	---

All results reported in mg/L (ppm)

1 Maximum Contaminant Levels

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

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Results above the trigger level are in red.

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Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2022 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				2/1/22	5/5/22	8/1/22	11/3/22	2/3/22	5/5/22	8/1/22	11/3/22
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	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
SRP ³	-	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nitrate+Nitrite	10	5	-	<0.05	0.157	<0.05	<0.05	0.077	0.155	<0.05	<0.05
Arsenic	0.01	0.005	-	---	<0.001	<0.001	---	---	<0.001	0.00146	---
Lead ⁴	0.015	-	-	---	<0.001	<0.001	---	---	<0.001	<0.001	---
Copper ⁴	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	0.10	0.02	-	---	---	<0.0015	---	---	---	0.00195	---
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	---	---	---	1.64	---
Zinc	-	5	5	---	<0.005	<0.005	---	---	0.006	<0.005	---
Magnesium	-	-	-	---	---	<0.5	---	---	---	4.28	---
Potassium	-	-	-	---	---	<0.5	---	---	---	0.77	---
Manganese	-	0.05	0.05	---	---	<0.001	---	---	---	0.00513	---
Calcium	-	-	-	---	---	<0.1	---	---	---	12.60	---

All results reported in mg/L (ppm)

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