

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name		NE Community Center, City monitoring well	Trinity School, Adams & Carlisle, City monitoring well	Denver & Marietta, City monitoring well				Hale's Ale Nested Site, east					
WQMP Well ID		5304G01	5307M01	5308H01				5311J05					
SampleID/Comment		5304G01	5307M01	5308H01	5308H01	5308H01	5308H01	5311J05	5311J05	5311J05	5311J05		
Quarter		3	3	1	2	3	4	1	2	3	4		
Sample Date		8/9/18	8/8/18	2/14/18	5/9/18	8/8/18	11/7/18	2/13/18	5/8/18	8/6/18	11/7/18		
Static Water Level (ft)		179.69	140.42	78.35	77.12	86.43	83.88	57.99	56.11	67.87	65.93		
Sample Depth (ft)		182	148.5	86	86	87.5	86	63	63	69	67		
Conductivity (µS/cm)		269.90	248.80	217.40	191.50	195.60	227.40	324.60	320.30	331.00	320.40		
Water Temperature (C°)		12.80	13.80	13.10	11.60	12.90	13.50	10.70	11.90	12.20	11.00		
pH		7.95	7.88	7.52	7.45	7.66	7.61	7.72	7.73	7.70	7.80		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.003	0.003	0.003	0.006	0.003	0.006	0.003	0.007	0.004	0.004
SRP ³	-	-	-	0.002	0.002	0.002	0.003	0.003	0.002	0.003	0.003	0.002	0.002
Nitrate+Nitrite	10	5	-	1.610	1.330	1.170	1.020	1.130	1.170	2.000	1.960	1.860	1.750
Arsenic	0.01	0.005	-	0.00272	0.00258	-	-	0.00239	-	-	-	0.00295	-
Lead ⁴	0.015	-	-	<0.0010	<0.0010	-	-	<0.0010	-	-	-	<0.0010	-
Copper ⁴	1.3	-	-	<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	-	<0.0002	<0.0002	-	-	<0.0002	-	-	-	<0.0002	-
Chromium	0.1	0.02	-	<0.0015	<0.0015	-	-	<0.0015	-	-	-	<0.0015	-
Fluoride	4	0.5	2	<0.10	<0.10	-	-	<0.10	-	-	-	<0.10	-
Chloride	-	250	250	6.04	6.69	6.39	5.77	5.31	6.58	7.66	8.53	8.10	7.61
Sodium	-	-	-	5.33	4.09	-	-	3.74	-	-	-	5.02	-
Zinc	-	5	5	<0.005	<0.005	-	-	<0.005	-	-	-	<0.005	-
Magnesium	-	-	-	12.70	10.30	-	-	8.01	-	-	-	16.70	-
Potassium	-	-	-	2.03	1.97	-	-	1.65	-	-	-	2.22	-
Manganese	-	0.05	0.05	<0.001	<0.001	-	-	<0.001	-	-	-	<0.001	-
Calcium	-	-	-	29.00	29.50	-	-	22.60	-	-	-	37.40	-

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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name		Hale's Ale Nested Site, mid	monitoring well at SCC									
WQMP Well ID		5311J07	5310Q01									
SampleID/Comment		5311J07	5310Q01	5310Q01a	5310Q01	5310Q01a	5310Q01	5310Q01a	5310Q01	5310Q01a	5310Q01	5310Q01a
Quarter		3	1	1	2	2	3	3	4	4		
Sample Date		8/6/18	2/14/18	2/14/18	5/10/18	5/10/18	8/8/18	8/8/18	11/7/18	11/7/18		
Static Water Level (ft)		67.92	30.24	-	27.68	-	40.20	-	38.15	-		
Sample Depth (ft)		105	40	-	41	-	41.5	-	41	-		
Conductivity (µS/cm)		329.80	225.10	-	215.8	-	206.90	-	196.3	-		
Water Temperature (C°)		11.40	12.90	-	12.5	-	13.30	-	13.5	-		
pH		7.70	7.97	-	7.93	-	8.01	-	8.06	-		
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	0.004	0.004	0.004	0.009	0.007	0.004	0.004	0.004	0.004
SRP ³	-	-	-	0.002	0.003	0.003	0.002	0.002	0.003	0.002	0.002	0.002
Nitrate+Nitrite	10	5	-	1.820	1.130	1.110	1.080	1.080	0.903	0.912	0.888	0.866
Arsenic	0.01	0.005	-	0.00308	-	-	-	-	0.00311	0.00304		
Lead ⁴	0.015	-	-	<0.0010	-	-	-	-	<0.0010	<0.0010	-	-
Copper ⁴	1.3	-	-	<0.00100	-	-	-	-	<0.00100	<0.00100	-	-
Mercury	0.002	0.0004	-	<0.00020	-	-	-	-	<0.00020	<0.00020	-	-
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	<0.10	-	-	-	-	<0.10	<0.10	-	-
Chloride	-	250	250	8.02	6.24	6.16	5.11	5.10	4.37	4.34	4.16	4.16
Sodium	-	-	-	4.92	-	-	-	-	3.24	3.23	-	-
Zinc	-	5	5	0.019	-	-	-	-	<0.005	<0.005	-	-
Magnesium	-	-	-	17.00	-	-	-	-	8.37	8.37	-	-
Potassium	-	-	-	2.23	-	-	-	-	1.72	1.72	-	-
Manganese	-	0.05	0.05	<0.001	-	-	-	-	0.00295	0.00439	-	-
Calcium	-	-	-	36.90	-	-	-	-	24.50	24.50	-	-

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
2018 Quarterly Results

Well Name		Felts Field City monitoring well		Olive & Fiske monitoring well				Third & Havana Nested Site, east					
		5312C01		5315L01				5322A01					
WQMP Well ID		5312C01		5315L01				5322A01					
SampleID/Comment		5312C01	5312C01	5315L01	5315L01	5315L01	5315L01	5322A01	5322A01	5322A01	5322A01		
Quarter		2	3	1	2	3	4	1	2	3	4		
Sample Date		5/9/18	8/8/18	2/14/18	5/9/18	8/8/18	11/7/18	2/14/18	5/10/18	8/8/18	11/7/18		
Static Water Level (ft)		52.99	62.97	60.89	59.11	69.80	67.91	43.15	41.14	52.42	50.38		
Sample Depth (ft)		68	68	68	68	71	69	47	47	53.5	51.5		
Conductivity (µS/cm)		202.30	186.60	243.70	232.50	230.10	223.60	296.20	273.00	272.80	271.70		
Water Temperature (C°)		14.40	14.00	12.50	13.90	14.30	12.60	12.60	13.10	14.00	12.60		
pH		7.80	7.88	7.89	7.85	7.98	7.96	7.53	7.69	7.73	7.71		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	-	0.015	0.004	0.007	0.005	0.005	0.009	0.013	0.006	0.007
SRP ³	-	-	-	-	0.015	0.003	0.003	0.003	0.003	0.009	0.009	0.006	0.006
Nitrate+Nitrite	10	5	-	-	1.050	1.190	1.160	1.080	1.050	1.890	1.660	1.550	1.490
Arsenic	0.01	0.005	-	0.00596	0.00652	-	-	0.00246	-	-	-	0.00253	-
Lead ⁴	0.015	-	-	<0.0010	<0.0010	-	-	<0.0010	-	-	-	<0.0010	-
Copper ⁴	1.3	-	-	<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	-	<0.0002	<0.0002	-	-	<0.0002	-	-	-	<0.0002	-
Chromium	0.1	0.02	-	-	<0.0015	-	-	<0.0015	-	-	-	<0.0015	-
Fluoride	4	0.5	2	-	<0.10	-	-	<0.10	-	-	-	<0.10	-
Chloride	-	250	250	-	2.95	8.99	7.73	6.46	5.23	16.70	11.80	7.77	8.10
Sodium	-	-	-	-	3.16	-	-	3.32	-	-	-	4.39	-
Zinc	-	5	5	<0.005	<0.005	-	-	<0.005	-	-	-	<0.005	-
Magnesium	-	-	-	-	6.44	-	-	9.62	-	-	-	10.30	-
Potassium	-	-	-	-	1.54	-	-	1.78	-	-	-	1.91	-
Manganese	-	0.05	0.05	-	<0.001	-	-	<0.001	-	-	-	<0.001	-
Calcium	-	-	-	-	22.90	-	-	27.00	-	-	-	30.60	-

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
2018 Quarterly Results

Well Name		Third & Havana Nested Site, mid	Plantas Ferry Park monitoring well	monitoring well Frederick & Bowdish	Sullivan Road and Krispy Kreme, monitoring well					
WQMP Well ID		5322A03	5404A01	5409C02	5411R06					
SampleID/Comment		5322A03	5404A01	5409C02	5411R06	5411R06	5411R06	5411R06		
Quarter		3	3	3	1	2	3	4		
Sample Date		8/8/18	8/6/18	8/6/18	2/13/18	5/8/18	8/6/18	11/6/18		
Static Water Level (ft)		52.40	48.19	91.49	40.78	39.01	51.24	49.08		
Sample Depth (ft)		90	109.5	92.5	41.5	40	52.5	50		
Conductivity (µS/cm)		279.80	295.00	298.40	104.40	175.20	261.10	258.80		
Water Temperature (C°)		13.70	13.60	11.20	8.90	10.20	12.50	11.70		
pH		7.79	6.58	7.66	7.93	7.84	7.83	7.85		
Analytes	Washington Drinking Water Standards									
	MCL ¹	Trigger Level ²	Secondary							
Phosphorus	-	-	-	0.007	0.227	0.005	0.003	0.007	0.013	0.004
SRP ³	-	-	-	0.006	0.040	0.004	0.003	0.003	0.002	0.003
Nitrate+Nitrite	10	5	-	1.650	0.112	1.850	0.200	0.757	1.280	1.260
Arsenic	0.01	0.005	-	0.00273	<0.0010	0.00461	-	-	0.00242	-
Lead ⁴	0.015	-	-	<0.0010	<0.0010	<0.0010	-	-	<0.0010	-
Copper ⁴	1.3	-	-	<0.00100	0.01130	<0.00100	-	-	<0.00100	-
Mercury	0.002	0.0004	-	<0.00020	<0.00020	<0.00020	-	-	<0.00020	-
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	<0.10	0.300	<0.10	-	-	<0.10	-
Chloride	-	250	250	8.57	1.84	4.68	2.06	2.45	2.92	2.91
Sodium	-	-	-	4.81	10.70	4.30	-	-	3.41	-
Zinc	-	5	5	<0.005	0.084	<0.005	-	-	0.01	-
Magnesium	-	-	-	10.80	13.50	13.70	-	-	13.30	-
Potassium	-	-	-	2.05	5.50	2.03	-	-	1.85	-
Manganese	-	0.05	0.05	<0.001	0.32900	0.01360	-	-	<0.001	-
Calcium	-	-	-	31.90	24.10	35.70	-	-	28.20	-

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
2018 Quarterly Results

Well Name		Sullivan Park South, monitoring well						Barker Road Centennial Trail South, monitoring well			
WQMP Well ID		5411R03						5508M02			
SampleID/Comment		5411R03	5411R03	5411R03a	5411R03	5411R03a	5411R03	5508M02	5508M02		
Quarter		1	2	2	3	3	4	2	3		
Sample Date		2/13/18	5/8/18	5/8/18	8/6/18	8/6/18	11/6/18	5/9/18	8/7/18		
Static Water Level (ft)		22.89	21.20	-	35.01	-	32.10	57.65	67.46		
Sample Depth (ft)		27	27	-	36	-	33	63.5	69.5		
Conductivity (µS/cm)		254.00	233.70	-	261.00	-	263.80	51.70	58.8		
Water Temperature (C°)		9.70	11.10	-	13.00	-	11.50	7.60	18.10		
pH		7.82	7.76	-	7.82	-	7.81	6.63	6.41		
Analytes	Washington Drinking Water Standards										
	MCL ¹	Trigger Level ²	Secondary								
Phosphorus	-	-	-	0.004	0.006	0.005	0.004	0.004	0.004	-	0.009
SRP ³	-	-	-	0.003	0.003	0.003	0.003	0.002	0.002	-	0.009
Nitrate+Nitrite	10	5	-	1.340	1.090	1.060	1.300	1.260	1.350	-	0.436
Arsenic	0.01	0.005	-	-	-	-	0.00300	0.00318	-	<0.0010	<0.0010
Lead ⁴	0.015	-	-	-	-	-	<0.0010	<0.0010	-	<0.0010	<0.0010
Copper ⁴	1.3	-	-	-	-	-	<0.00100	<0.00100	-	0.01560	<0.00100
Mercury	0.002	0.0004	-	-	-	-	<0.00020	<0.00020	-	<0.00020	<0.00020
Cadmium	0.005	0.005	-	-	-	-	<0.0002	<0.0002	-	<0.0002	<0.0002
Chromium	0.1	0.02	-	-	-	-	<0.0015	<0.0015	-	-	<0.0015
Fluoride	4	0.5	2	-	-	-	<0.10	<0.10	-	-	<0.10
Chloride	-	250	250	4.70	3.12	3.17	2.66	2.62	2.92	-	1.69
Sodium	-	-	-	-	-	-	3.20	3.11	-	-	2.48
Zinc	-	5	5	-	-	-	<0.005	<0.005	-	<0.005	0.007
Magnesium	-	-	-	-	-	-	13.50	13.20	-	-	1.72
Potassium	-	-	-	-	-	-	1.93	1.86	-	-	0.99
Manganese	-	0.05	0.05	-	-	-	<0.001	<0.001	-	-	<0.001
Calcium	-	-	-	-	-	-	30.60	29.80	-	-	6.00

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
2018 Quarterly Results

Well Name		Trent & Barker Road, monitoring well				Barker Road north of river, monitoring well		Barker Road Centennial Trail North, monitoring well		I.E. COLD STORAGE	Holy Cross, Rhoades & Washington monitoring well		
WQMP Well ID		5505D01				5507H01		5508M01		5213B01	6330J01		
SampleID/Comment		5505D01	5505D01	5505D01	5505D01	5507H01	5507H01	5508M01	5508M01	5213B01	6330J01		
Quarter		1	2	3	4	2	3	2	3	3	3		
Sample Date		2/13/18	5/8/18	8/7/18	11/6/18	5/9/18	8/7/18	5/9/18	8/7/18	7/24/18	8/9/18		
Static Water Level (ft)		85.33	83.13	92.05	91.54	37.93	48.08	56.61	66.60	-	210.35		
Sample Depth (ft)		87	87	93	92.5	39.5	49	64.1	67.5	-	212		
Conductivity (µS/cm)		363.20	363.00	339.40	347.80	65.40	59.80	49.90	58.10	352.60	258.60		
Water Temperature (C°)		10.40	11.40	11.80	11.10	8.20	12.80	8.10	21.20	12.90	14.10		
pH		7.60	7.63	7.71	7.60	6.90	6.35	6.70	6.34	7.28	7.93		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.012	0.014	0.010	0.010	-	0.016	-	0.010	0.008	0.002
SRP ³	-	-	-	0.011	0.011	0.010	0.010	-	0.015	-	0.010	0.007	0.002
Nitrate+Nitrite	10	5	-	3.830	3.470	2.760	2.940	-	0.437	-	0.449	1.980	1.150
Arsenic	0.01	0.005	-	-	-	0.00535	-	<0.0010	<0.0010	<0.0010	<0.0010	0.00251	0.00356
Lead ⁴	0.015	-	-	-	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Copper ⁴	1.3	-	-	-	-	<0.00100	-	0.00157	<0.00100	<0.00100	<0.00100	0.00249	<0.00100
Mercury	0.002	0.0004	-	-	-	<0.00020	-	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Cadmium	0.005	0.005	-	-	-	<0.0002	-	<0.0002	<0.0002	<0.0002	0.00021	<0.0002	<0.0002
Chromium	0.1	0.02	-	-	-	<0.0015	-	-	<0.0015	-	<0.0015	<0.0015	<0.0015
Fluoride	4	0.5	2	-	-	<0.10	-	-	<0.10	-	<0.10	<0.10	<0.10
Chloride	-	250	250	7.01	6.83	6.02	6.87	-	2.28	-	1.76	34.90	4.45
Sodium	-	-	-	-	-	6.15	-	-	2.57	-	2.51	11.00	3.25
Zinc	-	5	5	-	-	<0.005	-	0.006	0.013	0.028	0.021	<0.005	<0.005
Magnesium	-	-	-	-	-	12.70	-	-	1.74	-	1.69	12.80	13.80
Potassium	-	-	-	-	-	2.61	-	-	1.16	-	1.06	2.80	1.93
Manganese	-	0.05	0.05	-	-	<0.001	-	-	0.00102	-	<0.001	<0.001	<0.001
Calcium	-	-	-	-	-	43.50	-	-	5.93	-	5.93	40.20	25.00

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Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name		Franklin Park, City monitoring well	Euclid & Barker monitoring well at CID5									Mission & Barker monitoring well at CID 4	
WQMP Well ID		6331J01	5507A04									5517D05	
SampleID/Comment		6331J01	5507A04	5507A04a	5507A04	5507A04a	5507A04	5507A04	5507A04a	5517D05	5517D05		
Quarter		3	1	1	2	2	3	4	4	2	3		
Sample Date		8/9/18	2/13/18	2/13/18	5/9/18	5/9/18	8/7/18	11/6/18	11/6/18	5/9/18	8/7/18		
Static Water Level (ft)		206.44	62.22	-	59.84	-	69.52	68.76	-	74.38	84.10		
Sample Depth (ft)		208.5	69.5	-	69.5	-	70.5	69.5	-	85	85		
Conductivity (µS/cm)		234.20	353.80	-	339.90	-	347.60	347.80	-	100.00	97.20		
Water Temperature (C°)		13.60	10.20	-	10.70	-	11.00	10.40	-	13.90	14.30		
pH		7.93	7.54	-	7.56	-	7.64	7.6	-	7.05	7.04		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.004	0.003	0.003	0.007	0.004	<0.002	0.004	0.004	-	0.003
SRP ³	-	-	-	0.002	<0.001	<0.001	0.001	0.001	<0.001	<0.001	<0.001	-	0.002
Nitrate+Nitrite	10	5	-	0.988	1.990	2.010	1.790	1.840	1.730	1.560	1.550	-	0.479
Arsenic	0.01	0.005	-	0.00401	-	-	0.00196	0.00181	0.00196	-	-	0.00104	<0.0010
Lead ⁴	0.015	-	-	<0.0010	-	-	<0.0010	<0.0010	<0.0010	-	-	<0.0010	<0.0010
Copper ⁴	1.3	-	-	<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
Cadmium	0.005	0.005	-	<0.0002	-	-	<0.0002	<0.0002	<0.0002	-	-	<0.0002	<0.0002
Chromium	0.1	0.02	-	0.0019	-	-	-	-	<0.0015	-	-	-	<0.0015
Fluoride	4	0.5	2	<0.10	-	-	-	-	<0.10	-	-	-	<0.10
Chloride	-	250	250	4.18	2.90	2.91	2.62	2.62	2.60	2.74	2.72	-	2.04
Sodium	-	-	-	2.95	-	-	-	-	3.29	-	-	-	2.20
Zinc	-	5	5	<0.005	-	-	<0.005	<0.005	<0.005	-	-	<0.005	<0.005
Magnesium	-	-	-	12.00	-	-	-	-	17.90	-	-	-	3.74
Potassium	-	-	-	1.82	-	-	-	-	2.37	-	-	-	1.16
Manganese	-	0.05	0.05	0.00166	-	-	-	-	<0.001	-	-	-	<0.001
Calcium	-	-	-	25.10	-	-	-	-	39.90	-	-	-	11.00

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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name		East Valley High School monitoring well				CITY of SPOKANE- Nevada	Fire Station Houston & Regal, No. Spokane WD						
WQMP Well ID		6436N01				5308A02	6327N04						
SampleID/Comment		6436N01	6436N01	6436N01	6436N01	5308A02-pump #1	6327N04	6327N04	6327N04	6327N04a	6327N04		
Quarter		1	2	3	4	3	1	2	3	3	4		
Sample Date		2/13/18	5/8/18	8/6/18	11/6/18	7/24/18	2/14/18	5/10/18	8/9/18	8/9/18	11/7/18		
Static Water Level (ft)		107.74	105.61	116.46	114.83	-	185.60	183.32	187.45	-	189.07		
Sample Depth (ft)		109	107	117.5	116	-	190	186	189	-	190.5		
Conductivity (µS/cm)		452.30	424.40	531.80	595.50	206.50	425.90	364.70	448.80	-	437.9		
Water Temperature (C°)		12.90	13.30	13.90	13.30	11.10	12.70	13.00	13.00	-	13.3		
pH		7.42	7.41	7.37	7.32	7.74	7.63	7.68	7.69	-	9.24		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.039	0.039	0.044	0.043	0.004	<0.002	0.008	0.002	0.003	0
SRP ³	-	-	-	0.039	0.036	0.043	0.040	0.001	0.001	0.001	0.002	0.002	<0.001
Nitrate+Nitrite	10	5	-	5.230	4.930	4.440	3.750	0.937	3.350	2.250	3.700	3.750	3.330
Arsenic	0.01	0.005	-	-	-	0.00242	-	0.00256	-	-	0.00164	0.00169	-
Lead ⁴	0.015	-	-	-	-	<0.0010	-	<0.0010	-	-	<0.0010	<0.0010	-
Copper ⁴	1.3	-	-	-	-	<0.00100	-	0.01250	-	-	<0.00100	<0.00100	-
Mercury	0.002	0.0004	-	-	-	<0.00020	-	<0.00020	-	-	<0.00020	<0.00020	-
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	-	-	<0.10	-	<0.10	-	-	<0.10	<0.10	-
Chloride	-	250	250	12.90	12.00	10.50	12.70	5.31	17.70	12.70	13.00	12.90	16.30
Sodium	-	-	-	-	-	11.90	-	3.16	-	-	10.30	10.50	-
Zinc	-	5	5	-	-	<0.005	-	<0.005	-	-	<0.005	<0.005	-
Magnesium	-	-	-	-	-	25.20	-	9.17	-	-	26.70	27.20	-
Potassium	-	-	-	-	-	3.80	-	1.63	-	-	3.92	3.97	-
Manganese	-	0.05	0.05	-	-	0.00115	-	<0.001	-	-	<0.001	<0.001	-
Calcium	-	-	-	-	-	60.00	-	26.20	-	-	35.70	35.90	-

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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name		E. SPKN WD, Site 1				Idaho Road 300 ft south of pipeline, monitoring well					
WQMP Well ID		5324G01				6525R01					
SampleID/Comment		5324G01	5324G01	5324G01	5324G01	6525R01	6525R01	6525R01	6525R01		
Quarter		1	2	3	4	1	2	3	4		
Sample Date		1/30/18	5/10/18	7/24/18	10/23/18	2/13/18	5/8/18	8/7/18	11/6/18		
Static Water Level (ft)		-	-	-	-	95.83	93.91	100.10	100.87		
Sample Depth (ft)		-	-	-	-	97	97	101	103		
Conductivity (µS/cm)		407.1	434.00	458.40	440.90	309.00	300.00	317.70	313.40		
Water Temperature (C°)		10.40	11.50	11.60	11.40	10.10	11.00	11.10	10.50		
pH		7.49	7.54	7.55	7.53	7.67	7.70	7.79	7.70		
Analytes	Washington Drinking Water Standards										
	MCL ¹	Trigger Level ²	Secondary								
Phosphorus	-	-	-	0.016	0.020	0.019	0.015	0.004	0.005	<0.002	0.004
SRP ³	-	-	-	0.015	0.016	0.018	0.015	0.001	<0.001	<0.001	<0.001
Nitrate+Nitrite	10	5	-	3.360	3.480	3.470	3.220	1.210	1.070	1.350	1.310
Arsenic	0.01	0.005	-	-	-	0.00494	-	-	-	0.00209	-
Lead ⁴	0.015	-	-	-	-	<0.0010	-	-	-	<0.0010	-
Copper ⁴	1.3	-	-	-	-	0.00141	-	-	-	<0.00100	-
Mercury	0.002	0.0004	-	-	-	<0.00020	-	-	-	<0.00020	-
Cadmium	0.005	0.005	-	-	-	<0.0002	-	-	-	<0.0002	-
Chromium	0.1	0.02	-	-	-	<0.0015	-	-	-	<0.0015	-
Fluoride	4	0.5	2	-	-	<0.10	-	-	-	<0.10	-
Chloride	-	250	250	16.80	18.40	19.80	17.60	2.18	1.95	2.06	2.30
Sodium	-	-	-	-	-	10.60	-	-	-	3.13	-
Zinc	-	5	5	-	-	0.008	-	-	-	<0.005	-
Magnesium	-	-	-	-	-	19.40	-	-	-	18.00	-
Potassium	-	-	-	-	-	3.51	-	-	-	2.41	-
Manganese	-	0.05	0.05	-	-	<0.001	-	-	-	<0.001	-
Calcium	-	-	-	-	-	58.70	-	-	-	34.50	-

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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name				Idaho Road 1000 ft south of Trent, monitoring well					Idaho Road - East Farms monitoring well at CID11			
WQMP Well ID				6524R01					6631M07			
SampleID/Comment				6524R01	6524R01	6524R01	6524R01a	6524R01	6631M07	6631M07	6631M07	6331M07
Quarter				1	2	3	3	4	1	2	3	4
Sample Date				2/13/18	5/8/18	8/7/18	8/7/18	11/6/18	2/13/18	5/8/18	8/7/18	11/6/18
Static Water Level (ft)				117.51	115.79	121.78	-	122.66	106.77	104.74	111.28	111.86
Sample Depth (ft)				119.5	119.5	123.00	-	123.50	112	112	112.5	113
Conductivity (µS/cm)				321.50	320.70	300.80	-	302.30	256.20	257.30	270.30	261.00
Water Temperature (C°)				10.60	11.00	11.00	-	10.90	14.30	15.50	14.90	14.70
pH				7.61	7.64	7.74	-	7.68	7.76	7.76	7.74	7.76
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	0.004	0.006	0.009	0.009	0.003	0.007	0.007	0.004	0.005
SRP ³	-	-	-	0.002	0.002	0.002	0.001	0.002	0.004	0.003	0.003	0.003
Nitrate+Nitrite	10	5	-	3.300	3.030	1.660	1.660	2.050	1.700	1.740	1.660	1.540
Arsenic	0.01	0.005	-	-	-	0.00345	0.00345	-	-	-	0.00509	-
Lead ⁴	0.015	-	-	-	-	<0.0010	<0.0010	-	-	-	<0.0010	-
Copper ⁴	1.3	-	-	-	-	<0.00100	<0.00100	-	-	-	<0.00100	-
Mercury	0.002	0.0004	-	-	-	<0.00020	<0.00020	-	-	-	<0.00020	-
Cadmium	0.005	0.005	-	-	-	<0.0002	<0.0002	-	-	-	<0.0002	-
Chromium	0.1	0.02	-	-	-	0.0055	0.0050	-	-	-	<0.0015	-
Fluoride	4	0.5	2	-	-	0.101	0.216	-	-	-	<0.10	-
Chloride	-	250	250	4.56	4.03	2.99	2.98	4.40	4.92	4.75	4.94	5.22
Sodium	-	-	-	-	-	3.57	3.43	-	-	-	3.14	-
Zinc	-	5	5	-	-	<0.005	<0.005	-	-	-	<0.005	-
Magnesium	-	-	-	-	-	15.30	14.70	-	-	-	13.40	-
Potassium	-	-	-	-	-	2.45	2.36	-	-	-	2.45	-
Manganese	-	0.05	0.05	-	-	0.00896	0.00995	-	-	-	0.00100	-
Calcium	-	-	-	-	-	35.70	34.60	-	-	-	30.40	-

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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name		ORCHARD AVE IRRIG DIST, Site 1			MODERN ELECT WATER, Site 6	Mission Well, LIBERTY LAKE SEWER DIST	PASADENA PARK #2					
WQMP Well ID		5312H01			5408N01	5515C01	5405K01					
SampleID/Comment		5312H01	5312H01	5312H01	5408N01 pump #1	5515C01	5405K01	5405K01	5405K01	5405K01		
Quarter		2	3	4	3	3	1	2	3	4		
Sample Date		5/9/18	7/24/18	10/23/18	7/24/18	7/24/18	1/30/18	5/8/18	7/24/18	10/23/18		
Static Water Level (ft)		-	-	-	-	-	-	-	-	-		
Sample Depth (ft)		-	-	-	-	-	-	-	-	-		
Conductivity (µS/cm)		315.50	319.90	273.80	257.70	280.00	180.90	160.20	193.40	206.00		
Water Temperature (C°)		10.50	10.50	10.60	11.40	11.80	11.10	9.10	9.50	10.50		
pH		7.70	7.76	7.76	7.86	7.76	7.53	7.18	7.59	7.52		
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	0.020	0.014	0.013	0.004	0.009	0.006	0.011	0.008	0.005
SRP ³	-	-	-	0.018	0.013	0.013	0.001	0.008	0.005	0.005	0.004	0.004
Nitrate+Nitrite	10	5	-	2.290	2.310	1.610	1.280	1.730	1.230	0.892	1.280	0.965
Arsenic	0.01	0.005	-	0.00519	0.00516	-	0.00304	0.00316	-	-	0.00140	-
Lead ⁴	0.015	-	-	<0.0010	<0.0010	-	<0.0010	<0.0010	-	-	<0.0010	-
Copper ⁴	1.3	-	-	<0.00100	<0.00100	-	0.00187	0.00179	-	-	0.00214	-
Mercury	0.002	0.0004	-	<0.00020	<0.00020	-	<0.00020	<0.00020	-	-	<0.00020	-
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	-
Fluoride	4	0.5	2	-	<0.10	-	<0.10	<0.10	-	-	<0.10	-
Chloride	-	250	250	6.81	6.75	4.73	4.53	5.75	3.70	3.46	4.34	3.07
Sodium	-	-	-	-	4.78	-	3.17	5.11	-	-	3.82	-
Zinc	-	5	5	0.014	0.009	-	0.019	<0.005	-	-	<0.005	-
Magnesium	-	-	-	-	14.10	-	12.80	11.20	-	-	7.52	-
Potassium	-	-	-	-	2.41	-	1.97	2.03	-	-	2.13	-
Manganese	-	0.05	0.05	-	<0.001	-	<0.001	<0.001	-	-	<0.001	-
Calcium	-	-	-	-	41.20	-	31.60	33.90	-	-	23.90	-

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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name		CITY of SPOKANE-Ray				Orchard Ave Irrig Dist Site 2		6th & Havana monitoring well (MW-2)				
WQMP Well ID		5322F01				5407C01		5323E01				
SampleID/Comment		5322F01	5322F01	5322F01-south pump	5322F01	5407C01	5407C01	5323E01	5323E01	5323E01		
Quarter		1	2	3	4	1	3	2	3	4		
Sample Date		1/30/18	5/10/18	7/24/18	10/23/18	1/30/18	7/24/18	5/9/18	8/8/18	11/7/18		
Static Water Level (ft)		-	-	-	-	-	-	41.95	52.97	51.00		
Sample Depth (ft)		-	-	-	-	-	-	43	54	52		
Conductivity (µS/cm)		455.30	430.40	434.10	481	303.00	329.20	328.30	434.60	397.10		
Water Temperature (C°)		11.8	11.9	11.8	11.7	10.70	11.40	13.30	13.80	12.40		
pH		7.6	7.54	7.5	7.61	7.76	7.77	7.52	7.57	7.63		
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	0.019	0.024	0.018	0.021	0.012	0.012	0.015	0.011	0.011
SRP ³	-	-	-	0.019	0.021	0.018	0.020	0.012	0.010	0.012	0.011	0.010
Nitrate+Nitrite	10	5	-	3.730	3.520	3.250	3.520	2.010	2.050	2.250	3.300	2.910
Arsenic	0.01	0.005	-	-	-	0.00385	-	-	0.00412	-	0.00389	-
Lead ⁴	0.015	-	-	-	-	<0.0010	-	-	<0.0010	-	<0.0010	-
Copper ⁴	1.3	-	-	-	-	0.00545	-	-	<0.00100	-	<0.00100	-
Mercury	0.002	0.0004	-	-	-	<0.00020	-	-	<0.00020	-	<0.00020	-
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	-	-	<0.10	-	-	<0.10	-	<0.10	-
Chloride	-	250	250	24.50	21.20	21.90	25.40	7.00	7.75	12.00	18.20	16.30
Sodium	-	-	-	-	-	10.60	-	-	4.93	-	9.08	-
Zinc	-	5	5	-	-	<0.005	-	-	<0.005	-	<0.005	-
Magnesium	-	-	-	-	-	17.10	-	-	15.40	-	17.20	-
Potassium	-	-	-	-	-	3.12	-	-	2.38	-	2.91	-
Manganese	-	0.05	0.05	-	-	<0.001	-	-	<0.001	-	<0.001	-
Calcium	-	-	-	-	-	54.40	-	-	41.10	-	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.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name		Spokane Co Water Dist #3, Site 2-5, 26th & Vercler								CONSOLIDATED IRRIG DIST 19, Site 2A	WHITWORTH WATER DIST. #2, Well 2A	NORTH SPOKANE IRRIG. DIST. # 4, Site 4		
WQMP Well ID		5427L01								5518R01	6320D01	6328H01		
SampleID/Comment		5427L01	5427L01a	5427L01	5427L01	5427L01a	5427L01	5427L01a	5518R01 west pump	6320D01	6328H01			
Quarter		1	1	2	3	3	4	4	3	3	3			
Sample Date		1/30/18	1/30/18	5/8/18	7/24/18	7/24/18	10/23/18	10/23/18	7/24/18	8/9/18	8/9/18			
Static Water Level (ft)		-	-	-	-	-	-	-	-	-	-			
Sample Depth (ft)		-	-	-	-	-	-	-	-	-	-			
Conductivity (µS/cm)		382.50	-	398.60	465.30	-	412.60	-	169.40	247.60	241.10			
Water Temperature (C°)		11.30	-	11.80	11.90	-	11.30	-	12.70	11.20	10.90			
pH		7.65	-	7.63	7.71	-	7.51	-	8.20	8.10	8.22			
Analytes	Washington Drinking Water Standards													
	MCL ¹	Trigger Level ²	Secondary											
Phosphorus	-	-	-	0.005	0.005	0.009	0.004	0.005	0.005	0.004	0.003	0.003	0.003	
SRP ³	-	-	-	0.004	0.004	0.004	0.004	0.004	0.004	0.003	<0.001	0.001	0.003	
Nitrate+Nitrite	10	5	-	2.610	2.680	2.760	3.180	3.090	2.660	2.690	0.816	1.010	1.550	
Arsenic	0.01	0.005	-	-	-	-	0.00431	0.00427	-	-	0.00116	0.00369	0.00243	
Lead ⁴	0.015	-	-	-	-	-	<0.0010	<0.0010	-	-	<0.0010	<0.0010	<0.0010	
Copper ⁴	1.3	-	-	-	-	-	<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	
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	<0.0015	
Fluoride	4	0.5	2	-	-	-	<0.10	<0.10	-	-	<0.10	<0.10	<0.10	
Chloride	-	250	250	9.45	9.39	9.58	11.60	11.90	10.80	10.50	5.37	3.88	4.59	
Sodium	-	-	-	-	-	-	8.04	8.04	-	-	2.83	3.05	4.54	
Zinc	-	5	5	-	-	-	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	
Magnesium	-	-	-	-	-	-	19.60	19.60	-	-	5.65	13.60	11.10	
Potassium	-	-	-	-	-	-	3.15	3.15	-	-	1.39	1.91	2.21	
Manganese	-	0.05	0.05	-	-	-	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	
Calcium	-	-	-	-	-	-	54.30	54.30	-	-	23.10	24.80	24.70	

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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name		CONS. IRRIG DIST 19, Site 11B	MODERN ELECT WATER, Site 11	VERA WATER & POWER, New Well 4				New Balfour Park monitoring well					
WQMP Well ID		6631M04	5415E03	5426L03				5417R02					
SampleID/Comment		6631M04 north well	5415E03 south pump	5426L03	5426L03	5426L03	5426L03	5417R02	5417R02	5417R02	5417R02		
Quarter		3	3	1	2	3	4	1	2	3	4		
Sample Date		8/7/18	7/24/18	1/30/18	5/8/18	7/24/18	10/23/18	2/13/18	5/8/18	8/6/18	11/6/18		
Static Water Level (ft)		-	-	-	-	-	-	65.50	62.87	71.8	71.28		
Sample Depth (ft)		-	-	-	-	-	-	67	67	73	73		
Conductivity (µS/cm)		35.50	202.70	356.30	358.30	3.85	374.20	193.10	181.90	190.8	197.4		
Water Temperature (C°)		13.00	11.50	11.20	11.00	10.80	10.60	13.30	14.40	14.4	14		
pH		7.95	8.05	7.64	7.58	7.71	7.60	7.77	7.55	7.54	7.34		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.003	0.004	0.007	0.011	0.008	0.007	0.007	0.013	0.006	0.006
SRP ³	-	-	-	0.002	<0.001	0.006	0.007	0.006	0.006	0.007	0.006	0.005	0.006
Nitrate+Nitrite	10	5	-	1.520	0.944	2.300	2.390	2.590	2.340	1.050	0.910	0.901	0.787
Arsenic	0.01	0.005	-	0.00544	0.00364	-	-	0.00441	-	-	-	0.00265	-
Lead ⁴	0.015	-	-	<0.0010	<0.0010	-	-	<0.0010	-	-	-	<0.0010	-
Copper ⁴	1.3	-	-	<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	-	<0.0002	<0.0002	-	-	<0.0002	-	-	-	<0.0002	-
Chromium	0.1	0.02	-	<0.0015	<0.0015	-	-	<0.0015	-	-	-	<0.0015	-
Fluoride	4	0.5	2	<0.10	<0.10	-	-	<0.10	-	-	-	<0.10	-
Chloride	-	250	250	4.71	3.75	11.40	10.40	11.40	11.50	4.74	3.81	3.93	4.76
Sodium	-	-	-	3.10	2.78	-	-	7.83	-	-	-	2.73	-
Zinc	-	5	5	<0.005	<0.005	-	-	<0.005	-	-	-	<0.005	-
Magnesium	-	-	-	12.90	9.83	-	-	14.30	-	-	-	7.39	-
Potassium	-	-	-	2.24	1.70	-	-	3.22	-	-	-	1.50	-
Manganese	-	0.05	0.05	<0.001	<0.001	-	-	0.00100	-	-	-	<0.001	-
Calcium	-	-	-	28.60	24.20	-	-	51.00	-	-	-	23.60	-

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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name		Sullivan Spring	Spokane Fish Hatchery well	SPOKANE FISH HATCHERY, GRIFFITH SPR				Three Springs					
WQMP Well ID		5411R05s	6211K01	6211J01s				5212F01s					
SampleID/Comment		5411R05S	6211K01	6211J01s	6211J01S	6211J01S	6211J01s	5212F01S	5212F01S	5212F01S	5212F01s		
Quarter		3	3	1	2	3	4	1	2	3	4		
Sample Date		8/6/18	8/9/18	1/30/18	5/10/18	8/9/18	10/23/18	1/30/18	5/10/18	8/8/18	10/23/18		
Static Water Level (ft)		-	-	-	-	-	-	-	-	-	-		
Sample Depth (ft)		-	-	-	-	-	-	-	-	-	-		
Conductivity (µS/cm)		254.60	339.70	320.00	323.90	300.20	341.00	290.10	299.90	327.80	351.40		
Water Temperature (C°)		11.70	11.30	11.10	11.20	12.50	11.20	11.60	12.20	12.00	11.90		
pH		7.82	8.07	7.87	7.86	8.08	7.92	7.79	7.81	7.85	7.88		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.004	0.003	0.004	0.008	0.004	0.005	0.004	0.009	0.004	0.003
SRP ³	-	-	-	0.002	0.001	0.003	0.004	0.003	0.004	0.003	0.005	0.003	0.003
Nitrate+Nitrite	10	5	-	1.240	1.490	1.760	1.760	1.860	1.720	1.820	1.970	2.280	2.790
Arsenic	0.01	0.005	-	0.00316	0.00359	-	-	0.00312	-	-	-	0.00318	-
Lead ⁴	0.015	-	-	<0.0010	<0.0010	-	-	<0.0010	-	-	-	<0.0010	-
Copper ⁴	1.3	-	-	<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	-	<0.0002	<0.0002	-	-	<0.0002	-	-	-	<0.0002	-
Chromium	0.1	0.02	-	<0.0015	<0.0015	-	-	<0.0015	-	-	-	<0.0015	-
Fluoride	4	0.5	2	0.115	<0.10	-	-	<0.10	-	-	-	0.273	-
Chloride	-	250	250	2.69	7.55	9.41	9.76	10.30	10.90	9.73	12.40	13.30	16.00
Sodium	-	-	-	3.13	4.18	-	-	4.77	-	-	-	6.49	-
Zinc	-	5	5	<0.005	<0.005	-	-	<0.005	-	-	-	<0.005	-
Magnesium	-	-	-	13.00	16.90	-	-	18.80	-	-	-	13.70	-
Potassium	-	-	-	1.94	2.43	-	-	2.62	-	-	-	2.43	-
Manganese	-	0.05	0.05	<0.001	<0.001	-	-	<0.001	-	-	-	<0.001	-
Calcium	-	-	-	29.80	31.90	-	-	34.90	-	-	-	37.60	-

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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name		Waikiki Springs-new location				Blank					
WQMP Well ID		6306P01s2				Blank					
SampleID/Comment		6306P01s2	6306P01s2	6306P01s2	6306P01s2	BLANK	BLANK	BLANK	BLANK		
Quarter		1	2	3	4	1	2	3	4		
Sample Date		1/30/18	5/10/18	8/9/18	10/23/18	2/14/18	5/9/18	8/9/18	11/7/18		
Static Water Level (ft)		-	-	-	-	-	-	-	-		
Sample Depth (ft)		-	-	-	-	-	-	-	-		
Conductivity (µS/cm)		307.00	316.30	327.60	322.20	-	-	-	-		
Water Temperature (C°)		10.40	10.80	11.00	10.70	-	-	-	-		
pH		8.09	7.99	8.03	8.03	-	-	-	-		
Analytes	Washington Drinking Water Standards										
	MCL ¹	Trigger Level ²	Secondary								
Phosphorus	-	-	-	0.004	0.005	0.003	<0.002	<0.002	<0.002	<0.002	<0.002
SRP ³	-	-	-	0.002	0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nitrate+Nitrite	10	5	-	1.990	2.100	2.190	2.000	0.132	<0.05	<0.05	0.089
Arsenic	0.01	0.005	-	-	-	0.00255	-	-	<0.0010	<0.0010	-
Lead ⁴	0.015	-	-	-	-	<0.0010	-	-	<0.0010	<0.0010	-
Copper ⁴	1.3	-	-	-	-	<0.00100	-	-	<0.00100	<0.00100	-
Mercury	0.002	0.0004	-	-	-	<0.00020	-	-	<0.00020	<0.00020	-
Cadmium	0.005	0.005	-	-	-	<0.0002	-	-	<0.0002	<0.0002	-
Chromium	0.1	0.02	-	-	-	<0.0015	-	-	-	<0.0015	-
Fluoride	4	0.5	2	-	-	<0.10	-	-	-	<0.10	-
Chloride	-	250	250	6.85	8.84	7.95	7.69	0.46	<0.20	0.50	<0.20
Sodium	-	-	-	-	-	4.63	-	-	-	0.50	-
Zinc	-	5	5	-	-	<0.005	-	-	<0.005	<0.005	-
Magnesium	-	-	-	-	-	18.80	-	-	-	<0.5	-
Potassium	-	-	-	-	-	2.53	-	-	-	<0.5	-
Manganese	-	0.05	0.05	-	-	<0.001	-	-	-	<0.001	-
Calcium	-	-	-	-	-	32.10	-	-	-	<0.10	-

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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2018 Quarterly Results

Well Name				Equipment Blank			
WQMP Well ID				Equipment Blank			
SampleID/Comment				EQUIP BLANK	EQUIPME NT BLANK	EQUIPME NT BLANK	EQUIPME NT BLANK
Quarter				1	2	3	4
Sample Date				2/14/18	5/9/18	8/9/18	11/7/18
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	0.003	<0.002	<0.002
SRP ³	-	-	-	<0.001	<0.001	<0.001	<0.001
Nitrate+Nitrite	10	5	-	0.116	<0.05	<0.05	0.070
Arsenic	0.01	0.005	-	-	<0.0010	<0.0010	-
Lead ⁴	0.015	-	-	-	<0.0010	<0.0010	-
Copper ⁴	1.3	-	-	-	<0.00100	<0.00100	-
Mercury	0.002	0.0004	-	-	<0.00020	<0.00020	-
Cadmium	0.005	0.005	-	-	<0.0002	<0.0002	-
Chromium	0.1	0.02	-	-	-	<0.0015	-
Fluoride	4	0.5	2	-	-	<0.10	-
Chloride	-	250	250	0.50	-	<0.20	<0.20
Sodium	-	-	-	-	-	0.50	-
Zinc	-	5	5	-	<0.005	<0.005	-
Magnesium	-	-	-	-	-	<0.5	-
Potassium	-	-	-	-	-	<0.5	-
Manganese	-	0.05	0.05	-	-	<0.001	-
Calcium	-	-	-	-	-	<0.10	-

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.