

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2015 Quarterly Results

Well Name		Three Springs				Felts Field City monitoring well		CITY of SPOKANE-Ray				monitoring well at SCC		
WQMP Well ID		5212F01s	5212F01s	5212F01s	5212F01s	5312C01	5312C01	5322F01	5322F01	5322F01	5322F01	5310Q01		
SampleID/Comment		5212F01S	5212F01s	5212F01s	5212F01s	5312C01	5312C01	5322F01	5322F01	5322F01 pump #1	5322F01 pump #3	5310Q01a		
Quarter		1	2	3	4	2	3	1	2	3	4	2		
Sample Date		1/27/2015	5/14/2015	8/4/2015	10/27/2015	5/13/2015	8/5/2015	1/27/2015	5/13/2015	7/28/2015	10/27/2015	5/14/2015		
Static Water Level (ft)		-	-	-	-	60.97	64.57	-	-	-	-	-		
Sample Depth (ft)		-	-	-	-	68.00	68.00	-	-	-	-	-		
Conductivity (µS/cm)		283	293	315	319	174	187	434	388	330	432	-		
Water Temperature (C°)		11.06	11.93	12.60	11.72	14.18	16.34	11.73	11.72	12.03	12.03	-		
pH		7.80	7.70	-	8.41	7.94	8.00	7.38	7.32	7.76	7.27	-		
Analytes	Washington Drinking Water Standards													
	MCL ¹	Trigger Level ²	Secondary											
Phosphorus	-	-	-	0.004	0.004	0.004	0.005	-	-	0.022	0.022	0.018	0.027	0.003
SRP ³	-	-	-	0.002	0.001	<0.001	0.002	-	0.015	0.021	0.021	0.018	0.024	0.003
Nitrate+Nitrite	10	5	-	1.81	1.71	2.46	2.52	-	0.93	3.57	2.83	2.24	3.80	0.88
Arsenic	0.01	0.005	-	-	-	0.00296	-	0.00591	0.00774	-	-	0.00360	-	-
Lead ⁴	0.015	-	-	-	-	<0.0010	-	<0.0010	<0.0010	-	-	<0.0010	-	-
Copper ⁴	1.3	-	-	-	-	<0.00100	-	0.00148	0.00109	-	-	0.00315	-	-
Mercury	0.002	0.0004	-	-	-	<0.000200	-	<0.000200	<0.000200	-	-	<0.000200	-	-
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	8.73	12.20	11.20	10.60	-	2.45	19.40	15.00	11.40	16.50	4.84
Sodium	-	-	-	-	-	6.24	-	-	3.06	-	-	6.45	-	-
Zinc	-	5	5	-	-	<0.005	-	<0.005	<0.005	-	-	<0.005	-	-
Magnesium	-	-	-	-	-	14.70	-	-	6.35	-	-	13.40	-	-
Potassium	-	-	-	-	-	2.35	-	-	1.38	-	-	2.41	-	-
Manganese	-	0.05	0.05	-	-	<0.0010000	-	-	<0.00100	-	-	<0.00100	-	-
Calcium	-	-	-	-	-	40.20	-	-	23.20	-	-	41.90	-	-

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
2015 Quarterly Results

Well Name		Barker Road Centennial Trail North, monitoring well		Orchard Ave Irrig Dist, Site 2 Buckeye & Dick			VERA WATER & POWER, New Well 4			Barker Road Centennial Trail South, monitoring well			
WQMP Well ID	5508M01	5508M01	5407C01	5407C01	5407C01	5426L03	5426L03	5426L03	5508M02	5508M02			
SampleID/Comment	5508M01	5508M01	5407C01	5407C01	5407C01	5426L03	5426L03	5426L03	5508M02	5508M02			
Quarter	2	3	1	3	4	2	3	4	2	3			
Sample Date	5/13/2015	8/3/2015	1/27/2015	7/28/2015	10/27/2015	5/12/2015	7/28/2015	10/27/2015	5/13/2015	8/3/2015			
Static Water Level (ft)	66.33	70.67	-	-	-	-	-	-	67.25	71.55			
Sample Depth (ft)	67.50	72.00	-	-	-	-	-	-	68.00	72.50			
Conductivity (µS/cm)	52	63	282	285	285	415	398	414	51	62			
Water Temperature (C°)	10.04	22.12	10.64	10.83	10.56	10.45	10.57	10.56	9.28	19.88			
pH	-	6.25	7.72	7.81	7.88	7.45	7.73	8.08	6.35	6.32			
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	-	0.011	0.012	0.009	0.012	0.007	0.007	0.017	-	0.010
SRP ³	-	-	-	-	0.010	0.012	0.009	0.011	0.007	0.006	0.008	-	0.009
Nitrate+Nitrite	10	5	-	-	0.26	2.25	1.85	1.80	2.78	3.13	3.17	-	0.33
Arsenic	0.01	0.005	-	<0.001	<0.001	-	0.00369	-	-	0.00400	-	<0.001	<0.001
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	-	<0.000200	<0.000200	-	<0.000200	-	-	<0.000200	-	<0.000200	<0.000200
Cadmium	0.005	0.005	-	<0.0002	<0.0002	-	<0.0002	-	-	<0.0002	-	<0.0002	<0.0002
Chromium	0.1	0.02	-	-	<0.0015	0.02	<0.0015	-	-	<0.0015	-	-	<0.0015
Fluoride	4	0.5	2	-	<0.10	-	<0.10	-	-	0.101	-	-	<0.10
Chloride	-	250	250	-	1.88	4.74	4.69	3.58	10.30	10.20	8.81	-	1.87
Sodium	-	-	-	-	2.65	-	4.01	-	-	7.51	-	-	2.53
Zinc	-	5	5	0.02	0.02	-	<0.005	-	-	0.01	-	0.01	0.01
Magnesium	-	-	-	-	1.90	-	14.10	-	-	14.80	-	-	1.86
Potassium	-	-	-	-	1.03	-	2.11	-	-	3.03	-	-	0.96
Manganese	-	0.05	0.05	-	<0.00100	-	<0.00100	-	-	<0.00100	-	-	<0.00100
Calcium	-	-	-	-	6.98	-	36.50	-	-	54.20	-	-	6.74

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
2015 Quarterly Results

Well Name		Springs at Sullivan Park		PASADENA PARK #2				Waikiki Springs				I.E. COLD STORAGE	
WQMP Well ID		5411R05s	5405K01	5405K01	5405K01	5405K01	6306P01S	6306P01S	6306P01S	6306P01S	5213B01		
SampleID/Comment		5411R05s	5405K01	5405K01	5405K01	5405K01	6306P01S	6306P01s	6306P01s	6306P01s	5213B01		
Quarter		3	1	2	3	4	1	2	3	4	3		
Sample Date		8/5/2015	1/27/2015	5/12/2015	7/28/2015	10/27/2015	1/27/2015	5/14/2015	8/4/2015	10/27/2015	7/28/2015		
Static Water Level (ft)		-	-	-	-	-	-	-	-	-	-		
Sample Depth (ft)		-	-	-	-	-	-	-	-	-	-		
Conductivity (µS/cm)		254	209	184	172	222	352	378	384	380	315		
Water Temperature (C°)		11.72	9.97	9.24	9.58	10.40	10.66	10.80	12.20	10.83	12.56		
pH		7.56	7.58	6.90	7.66	7.12	7.90	7.56	7.77	8.55	7.42		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.003	0.011	0.007	0.006	0.012	0.002	<0.002	0.004	<0.002	0.009
SRP ³	-	-	-	0.002	0.008	0.005	0.005	0.012	<0.001	<0.001	<0.001	<0.001	0.008
Nitrate+Nitrite	10	5	-	1.24	3.15	1.14	1.03	1.57	3.30	3.49	4.17	4.04	1.94
Arsenic	0.01	0.005	-	0.00346	-	-	0.00104	-	-	-	0.00219	-	0.00249
Lead ⁴	0.015	-	-	<0.0010	-	-	<0.0010	-	-	-	<0.0010	-	<0.0010
Copper ⁴	1.3	-	-	<0.00100	-	-	0.00262	-	-	-	<0.00100	-	<0.00100
Mercury	0.002	0.0004	-	<0.000200	-	-	<0.000200	-	-	-	<0.000200	-	<0.000200
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	2.26	4.36	3.51	3.24	3.06	11.60	14.70	14.80	13.20	19.00
Sodium	-	-	-	2.94	-	-	3.40	-	-	-	6.98	-	7.94
Zinc	-	5	5	<0.005	-	-	0.01	-	-	-	<0.005	-	<0.005
Magnesium	-	-	-	13.30	-	-	6.86	-	-	-	25.20	-	12.00
Potassium	-	-	-	1.89	-	-	1.92	-	-	-	2.85	-	2.42
Manganese	-	0.05	0.05	<0.00100	-	-	<0.00100	-	-	-	<0.00100	-	<0.00100
Calcium	-	-	-	30.70	-	-	22.00	-	-	-	42.50	-	37.20

All results reported in mg/l (ppm)

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Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2015 Quarterly Results

Well Name		Denver & Marietta, City monitoring well			New Balfour Park monitoring well				ORCHARD AVE IRRIG DIST, Site 1		Hale's Ale Nested Site, mid		
WQMP Well ID	5308H01	5308H01	5308H01	5417R02	5417R02	5417R02	5417R02	5312H01	5312H01	5311J07			
SampleID/Comment	5308H01	5308H01	5308H01	5417R02	5417R02	5417R02	5417R02	5312H01	5312H01	5311J07			
Quarter	1	2	3	1	2	3	4	2	3	3			
Sample Date	2/10/2015	5/13/2015	8/6/2015	1/27/2015	5/12/2015	8/3/2015	11/9/2015	5/13/2015	7/28/2015	8/5/2015			
Static Water Level (ft)	80.55	83.64	87.52	67.9	69.56	74.16	73.15	-	-	69.18			
Sample Depth (ft)	86.00	86.00	88.50	69.00	70.50	75	74	-	-	105.00			
Conductivity (µS/cm)	197	169	225	205	197	201	214	294	265	334			
Water Temperature (C°)	14.19	11.71	12.52	13.16	13.55	13.95	13.69	10.52	10.76	13.31			
pH	7.65	7.46	7.42	7.74	7.61	7.39	7.91	7.68	7.81	7.68			
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.004	0.003	0.004	0.011	0.013	0.007	0.010	0.015	0.014	0.004
SRP ³	-	-	-	0.003	0.003	0.003	0.007	0.006	0.005	0.004	0.015	-	0.003
Nitrate+Nitrite	10	5	-	0.90	0.74	1.29	1.00	0.82	0.90	0.96	1.78	1.67	1.71
Arsenic	0.01	0.005	-	-	-	0.00190	-	-	0.00262	-	0.00501	0.00537	0.00281
Lead ⁴	0.015	-	-	-	-	<0.0010	-	-	<0.0010	-	<0.0010	<0.0010	<0.0010
Copper ⁴	1.3	-	-	-	-	<0.00100	-	-	<0.00100	-	0.00101	0.00102	<0.00100
Mercury	0.002	0.0004	-	-	-	<0.000200	-	-	<0.000200	-	<0.000200	<0.000200	<0.000200
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	5.00	3.52	5.63	4.53	3.41	3.50	3.56	4.44	4.04	5.68
Sodium	-	-	-	-	-	3.31	-	-	2.74	-	-	3.89	4.26
Zinc	-	5	5	-	-	<0.005	-	-	<0.005	-	0.01	0.01	0.01
Magnesium	-	-	-	-	-	9.09	-	-	7.94	-	-	11.80	16.50
Potassium	-	-	-	-	-	1.53	-	-	1.57	-	-	2.08	2.06
Manganese	-	0.05	0.05	-	-	<0.00100	-	-	0.00185	-	-	<0.00100	<0.00100
Calcium	-	-	-	-	-	25.80	-	-	27.00	-	-	33.60	36.60

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
2015 Quarterly Results

Well Name		Trent & Barker Road, monitoring well				Euclid & Barker monitoring well at CID5				Mission & Barker monitoring well at CID 4			
WQMP Well ID		5505D01				5507A04	5507A04	5507A04	5507A04	5517D05	5517D05		
SampleID/Comment		5505D01	5505D01	5505D01	5505D01	5507A01	5507A04	5507A04 - CID wells pumping	5507A04	5517D05	5517D05 - CID wells pumping		
Quarter		1	2	3	4	1	2	3	4	2	3		
Sample Date		2/10/2015	5/13/2015	8/3/2015	11/9/2015	2/10/2015	5/13/2015	8/3/2015	11/9/2015	5/13/2015	8/3/2015		
Static Water Level (ft)		88.35	92.23	96.37	94.63	65.23	69.37	73.74	71.78	83.9	88.28		
Sample Depth (ft)		89.50	93.5	97.50	96.00	69.50	70.50	75.00	73.00	85.00	89.50		
Conductivity (µS/cm)		374	362	367	367	351	337	352	364	86	93		
Water Temperature (C°)		11.09	12.02	12.10	11.82	10.09	10.42	11.23	10.94	14.51	13.26		
pH		7.56	7.54	7.58	7.89	7.43	7.43	7.44	7.60	7.06	6.90		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.011	0.011	0.010	0.015	-	<0.002	0.004	<0.002	-	0.004
SRP ³	-	-	-	0.011	0.011	0.010	0.007	-	0.001	<0.001	<0.001	-	0.002
Nitrate+Nitrite	10	5	-	3.21	3.14	3.65	3.42	1.60	1.50	1.74	1.79	-	0.44
Arsenic	0.01	0.005	-	-	-	0.00455	-	-	0.00207	0.00155	-	0.00162	<0.001
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	-	-	-	<0.000200	-	-	<0.000200	<0.000200	-	<0.000200	<0.000200
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
Fluoride	4	0.5	2	-	-	<0.10	-	-	-	<0.10	-	-	<0.10
Chloride	-	250	250	7.21	6.56	7.68	6.10	2.61	2.26	2.22	2.30	-	1.77
Sodium	-	-	-	-	-	6.20	-	-	-	3.20	-	-	2.02
Zinc	-	5	5	-	-	<0.005	-	-	<0.005	<0.005	-	<0.005	<0.005
Magnesium	-	-	-	-	-	14.50	-	-	-	19.20	-	-	3.68
Potassium	-	-	-	-	-	2.50	-	-	-	2.23	-	-	1.08
Manganese	-	0.05	0.05	-	-	<0.00100	-	-	-	<0.00100	-	-	<0.00100
Calcium	-	-	-	-	-	49.80	-	-	-	44.50	-	-	11.50

All results reported in mg/l (ppm)

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3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2015 Quarterly Results

Well Name		Spokane Fish Hatchery well	Barker Road north of river, monitoring well			SPOKANE FISH HATCHERY, GRIFFITH SPR				Third & Havana Nested Site, mid			
WQMP Well ID		6211K01	5507H01			6211J01S				5322A03	5322A03		
SampleID/Comment		6211K01	5507H01	5507H01	5507H01	6211J01S	6211J01s	6211J01s	6211J01s	5322A03	5322A03		
Quarter		3	1	2	3	1	2	3	4	3	3		
Sample Date		8/4/2015	2/10/2015	5/13/2015	8/3/2015	1/27/2015	5/14/2015	8/4/2015	10/27/2015	8/4/2015	5/13/2015		
Static Water Level (ft)		-	-	47.92	52.05	-	-	-	-	53.61	53.61		
Sample Depth (ft)		-	-	49	53.00	-	-	-	-	90.00	90.00		
Conductivity (µS/cm)		292	-	55	61	305	314	295	313	261	261		
Water Temperature (C°)		12.60	-	11.21	23.76	11.00	11.05	12.00	11.05	13.83	13.83		
pH		8.22	-	6.16	6.51	7.87	7.69	8.12	8.56	7.80	7.80		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.005	<0.002	-	0.013	0.004	0.005	0.005	0.005	0.007	0.007
SRP ³	-	-	-	0.003	<0.001	-	0.012	0.003	0.001	<0.001	0.002	0.007	0.007
Nitrate+Nitrite	10	5	-	1.51	-	-	0.28	1.51	1.51	1.63	1.75	1.66	1.66
Arsenic	0.01	0.005	-	0.00373	-	<0.001	<0.001	-	-	0.00347	-	0.00237	0.00237
Lead ⁴	0.015	-	-	<0.0010	-	<0.0010	0.00	-	-	<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	-	<0.000200	-	<0.000200	<0.000200	-	-	<0.000200	-	<0.000200	<0.000200
Cadmium	0.005	0.005	-	<0.0002	-	<0.0002	0.00023	-	-	<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	6.65	-	-	2.08	7.17	8.31	7.78	7.45	6.90	6.90
Sodium	-	-	-	4.21	-	-	2.62	-	-	4.44	-	4.67	4.67
Zinc	-	5	5	0.01	-	0.01	0.02	-	-	<0.005	-	<0.005	<0.005
Magnesium	-	-	-	18.20	-	-	1.86	-	-	18.60	-	12.00	12.00
Potassium	-	-	-	2.26	-	-	0.98	-	-	2.35	-	2.04	2.04
Manganese	-	0.05	0.05	<0.00100	-	-	0.00233	-	-	<0.00100	-	<0.00100	<0.00100
Calcium	-	-	-	33.60	-	-	6.48	-	-	34.30	-	35.50	35.50

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
2015 Quarterly Results

Well Name		NE Community Center, City monitoring well		East Valley High School monitoring well				E. SPOKANE WTR DIST, Site 1				
WQMP Well ID		5304G01	6436N01	6436N01	6436N01	6436N01	5324G01	5324G01	5324G01	5324G01		
SampleID/Comment		5304G01	6436N01	6436N01	6436N01	6436N01	5324G01	5324G01	5324G01	5324G01	5324G01 not running	
Quarter		3	1	2	3	4	1	2	3	4		
Sample Date		8/6/2015	2/10/2015	5/12/2015	8/5/2015	11/9/2015	1/27/2015	5/14/2015	7/28/2015	10/27/2015		
Static Water Level (ft)		181.04	110.73	114.49	119.24	117.25	-	-	-	-		
Sample Depth (ft)		183.00	113	116	120.5	118.00	-	-	-	-		
Conductivity (µS/cm)		281	487	492	590	672	430	458	451	306		
Water Temperature (C°)		13.69	12.93	12.97	14.69	13.88	10.50	11.02	11.03	12.51		
pH		7.90	7.25	7.23	7.27	7.83	7.54	7.47	7.66	8.31		
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	0.004	0.044	0.049	0.046	0.046	0.018	0.019	0.019	0.012
SRP ³	-	-	-	0.001	0.043	0.048	0.044	0.042	0.018	0.018	0.019	0.009
Nitrate+Nitrite	10	5	-	1.38	5.10	4.06	6.39	6.23	4.34	3.49	3.66	2.30
Arsenic	0.01	0.005	-	0.00267	-	-	0.00245	-	-	-	0.00494	-
Lead ⁴	0.015	-	-	<0.0010	-	-	<0.0010	-	-	-	<0.0010	-
Copper ⁴	1.3	-	-	<0.00100	-	-	0.00113	-	-	-	0.00107	-
Mercury	0.002	0.0004	-	<0.000200	-	-	<0.000200	-	-	-	<0.000200	-
Cadmium	0.005	0.005	-	<0.0002	-	-	<0.0002	-	-	-	<0.0002	-
Chromium	0.1	0.02	-	<0.0015	-	-	0.00190	-	-	-	<0.0015	-
Fluoride	4	0.5	2	0.214	-	-	<0.10	-	-	-	<0.10	-
Chloride	-	250	250	6.66	12.30	11.90	15.30	24.20	16.10	18.40	17.50	8.04
Sodium	-	-	-	4.55	-	-	9.64	-	-	-	9.30	-
Zinc	-	5	5	<0.005	-	-	<0.005	-	-	-	0.01	-
Magnesium	-	-	-	13.50	-	-	28.90	-	-	-	18.60	-
Potassium	-	-	-	1.81	-	-	4.02	-	-	-	3.23	-
Manganese	-	0.05	0.05	<0.00100	-	-	0.00961	-	-	-	<0.00100	-
Calcium	-	-	-	29.10	-	-	66.20	-	-	-	57.20	-

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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2015 Quarterly Results

Well Name		NORTH SPOKANE IRRIG. DIST. # 4, Site 4			Idaho Road 1000 ft south of Trent, monitoring well					MODERN ELECT WATER, Site 11, well #2 , C	MODERN ELECT WATER, Site 6
WQMP Well ID		6328H01	6524R01	6524R01	6524R01	6524R01	6524R01	6524R01	6524R01	5415E03	5408N01
SampleID/Comment		6328H01	6524R01	6524R01a	6524R01	6524R01a	6524R01	6524R01	6524R01	5415E03 north	5408N01
Quarter		3	1	1	3	3	3	3	4	3	3
Sample Date		8/4/2015	2/10/2015	2/10/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	11/9/2015	7/28/2015	7/28/2015
Static Water Level (ft)		-	122.13	-	128.51	-	127.95	-	127.95	-	-
Sample Depth (ft)		-	123.50	-	129.50	-	129.00	-	129.00	-	-
Conductivity (µS/cm)		251	322	-	303	-	317	-	317	205	249
Water Temperature (C°)		13.20	10.62	-	11.37	-	11.47	-	11.47	10.92	10.96
pH		7.74	7.66	-	7.58	-	7.74	-	7.74	8.01	7.95
Analytes	Washington Drinking Water Standards										
	MCL ¹	Trigger Level ²	Secondary								
Phosphorus	-	-	-	0.004	0.009	0.014	0.003	0.003	0.003	0.005	0.003
SRP ³	-	-	-	0.003	0.002	0.002	0.002	0.001	0.002	0.003	0.003
Nitrate+Nitrite	10	5	-	1.26	1.02	2.54	2.57	2.57	2.68	0.94	1.24
Arsenic	0.01	0.005	-	0.00233	-	-	0.00320	0.00256	-	0.00326	0.00240
Lead ⁴	0.015	-	-	<0.0010	-	-	<0.0010	<0.0010	-	<0.0010	<0.0010
Copper ⁴	1.3	-	-	0.00104	-	-	<0.00100	<0.00100	-	<0.00100	<0.00100
Mercury	0.002	0.0004	-	<0.000200	-	-	<0.000200	<0.000200	-	<0.000200	<0.000200
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	0.101	-	-	<0.10	<0.10	-	<0.10	0.101
Chloride	-	250	250	3.59	3.51	3.49	3.25	3.25	3.37	2.92	3.56
Sodium	-	-	-	4.04	-	-	3.43	3.43	-	2.49	2.81
Zinc	-	5	5	<0.005	-	-	<0.005	<0.005	-	<0.005	<0.005
Magnesium	-	-	-	13.00	-	-	15.10	15.00	-	10.30	12.70
Potassium	-	-	-	1.97	-	-	2.15	2.13	-	1.61	1.79
Manganese	-	0.05	0.05	<0.00100	-	-	<0.00100	<0.00100	-	<0.00100	<0.00100
Calcium	-	-	-	28.20	-	-	38.70	38.20	-	24.70	29.70

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
2015 Quarterly Results

Well Name		Olive & Fiske monitoring well				Third & Havana Nested Site, east				Mission Well, LIBERTY LAKE SEWER DIST	Franklin Park, City monitoring well		
WQMP Well ID		5315L01	5315L01	5315L01	5315L01	5322A01	5322A01	5322A01	5322A01	5515C01	6331J01		
SampleID/Comment		5315L01	5315L01	5315L01	5315L01	5322A01	5322A01	5322A01	5322A01	5515C01	6331J01		
Quarter		1	2	3	4	1	2	3	4	3	3		
Sample Date		2/11/2015	5/14/2015	8/4/2015	11/10/2015	2/11/2015	5/14/2015	8/4/2015	11/10/2015	7/28/2015	8/6/2015		
Static Water Level (ft)		63.08	67.26	70.83	69.02	45.84	49.74	53.65	51.68	-	208.13		
Sample Depth (ft)		68.00	68	72	70.00	47.00	50.50	54.50	52.50	-	209.50		
Conductivity (µS/cm)		226	247	216	198	260	258	256	265	289	254		
Water Temperature (C°)		12.67	13.87	14.78	12.68	12.86	13.24	14.20	12.62	12.30	13.84		
pH		7.91	7.79	7.96	-	7.77	7.61	7.70	-	7.78	7.88		
Analytes	Washington Drinking Water Standards												
	MCL ¹	Trigger Level ²	Secondary										
Phosphorus	-	-	-	0.004	0.004	0.005	0.004	0.008	0.008	0.007	0.005	0.011	0.003
SRP ³	-	-	-	0.003	0.004	0.004	0.002	0.008	0.008	0.007	0.004	0.008	0.002
Nitrate+Nitrite	10	5	-	1.05	1.01	1.10	1.08	1.47	1.43	1.52	1.44	1.34	1.07
Arsenic	0.01	0.005	-	-	-	0.00261	-	-	-	0.00258	-	0.00303	0.00320
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	-	-	-	<0.000200	-	-	-	<0.000200	-	<0.000200	<0.000200
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	-	0.114	<0.10
Chloride	-	250	250	8.07	10.10	4.21	4.08	11.40	6.99	6.40	6.33	4.91	4.48
Sodium	-	-	-	-	-	3.23	-	-	-	4.42	-	4.95	3.02
Zinc	-	5	5	-	-	<0.005	-	-	-	<0.005	-	<0.005	<0.005
Magnesium	-	-	-	-	-	10.30	-	-	-	11.70	-	12.00	13.00
Potassium	-	-	-	-	-	1.80	-	-	-	1.96	-	2.13	1.71
Manganese	-	0.05	0.05	-	-	<0.00100	-	-	-	<0.00100	-	<0.00100	<0.00100
Calcium	-	-	-	-	-	28.90	-	-	-	34.90	-	36.80	26.40

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
2015 Quarterly Results

Well Name		Idaho Road - East Farms monitoring well at CID11				Hale's Ale Nested Site, east				Holy Cross, Rhoades & Washington monitoring well		
WQMP Well ID		6631M07	6631M07	6631M07	6631M07	5311J05	5311J05	5311J05	5311J05	6330J01		
SampleID/Comment		6631M07	6631M07	6631M07- CID wells pumping	6631M07	5311J05	5311J05	5311J05	5311J05	6330J01		
Quarter		1	2	3	4	1	2	3	4	3		
Sample Date		2/10/2015	5/12/2015	8/3/2015	11/9/2015	2/11/2015	5/12/2015	8/5/2015	11/10/2015	8/6/2015		
Static Water Level (ft)		110.84	114.31	117.78	116.78	59.74	65.33	69.11	67.22	212.72		
Sample Depth (ft)		112.00	115.50	119	118.00	63.00	66.5	70	68.00	214.00		
Conductivity (µS/cm)		271	256	252	268	298	321	334	321	266		
Water Temperature (C°)		14.33	14.37	15.30	15.38	11.66	11.32	13.02	10.97	14.26		
pH		7.87	7.66	7.74	8.28	7.83	7.55	7.69	-	7.84		
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	0.006	0.004	0.004	0.005	0.006	0.003	0.005	0.003	0.003
SRP ³	-	-	-	0.005	0.004	0.004	0.003	0.005	0.003	0.004	0.002	0.001
Nitrate+Nitrite	10	5	-	1.58	1.24	1.55	1.59	1.49	1.58	1.79	1.66	1.21
Arsenic	0.01	0.005	-	-	-	0.00493	-	-	-	0.00345	-	0.00310
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	-	-	-	<0.000200	-	-	-	<0.000200	-	<0.000200
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	4.64	4.01	3.96	4.26	5.61	6.22	5.66	4.99	4.46
Sodium	-	-	-	-	-	2.91	-	-	-	4.30	-	3.28
Zinc	-	5	5	-	-	<0.005	-	-	-	<0.005	-	<0.005
Magnesium	-	-	-	-	-	12.90	-	-	-	16.40	-	14.50
Potassium	-	-	-	-	-	2.16	-	-	-	2.03	-	1.78
Manganese	-	0.05	0.05	-	-	<0.00100	-	-	-	<0.00100	-	<0.00100
Calcium	-	-	-	-	-	30.10	-	-	-	36.50	-	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.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2015 Quarterly Results

Well Name		Idaho Road 300 ft south of pipeline, monitoring well				WHITWORTH WATER DIST. #2, Well 2A		6th & Havana monitoring well (MW-2)				
WQMP Well ID		6525R01	6525R01	6525R01	6525R01	6320D01	5323E01	5323E01	5323E01	5323E01		
SampleID/Comment		6525R01	6525R01	6525R01	6525R01	6320D01	5323E01	5323E01	5323E01	5323E01		
Quarter		1	2	3	4	3	1	2	3	4		
Sample Date		2/10/2015	5/12/2015	8/3/2015	11/9/2015	8/4/2015	2/11/2015	5/14/2015	8/4/2015	11/10/2015		
Static Water Level (ft)		100.12	103.32	107.74	106	-	46.49	50.23	54.21	52.25		
Sample Depth (ft)		101.5	105.00	109	107.00	-	47.50	51.00	55.25	53.50		
Conductivity (µS/cm)		311	302	295	307	236	304	356	374	380		
Water Temperature (C°)		10.29	10.39	10.96	10.99	14.00	12.96	12.93	13.88	12.49		
pH		7.77	7.51	7.64	7.59	8.12	7.74	7.50	7.60	-		
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	<0.002	0.002	0.002	0.002	0.005	0.010	0.013	0.011	0.008
SRP ³	-	-	-	0.001	0.001	<0.001	0.002	<0.001	0.010	0.012	0.010	0.008
Nitrate+Nitrite	10	5	-	2.56	0.89	0.98	0.99	1.03	2.10	2.44	2.98	2.85
Arsenic	0.01	0.005	-	-	-	0.00267	-	0.00306	-	-	0.00351	-
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	-	-	-	<0.000200	-	<0.000200	-	-	<0.000200	-
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	2.46	1.91	1.86	2.14	3.19	10.70	14.60	12.80	13.20
Sodium	-	-	-	-	-	3.04	-	3.19	-	-	7.44	-
Zinc	-	5	5	-	-	<0.005	-	<0.005	-	-	<0.005	-
Magnesium	-	-	-	-	-	16.80	-	15.50	-	-	17.20	-
Potassium	-	-	-	-	-	2.00	-	1.93	-	-	2.70	-
Manganese	-	0.05	0.05	-	-	<0.00100	-	<0.00100	-	-	<0.00100	-
Calcium	-	-	-	-	-	34.80	-	27.70	-	-	49.60	-

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
2015 Quarterly Results

Well Name		Trinity School, Adams & Carlisle, City monitoring well		monitoring well at SCC							CITY of SPOKANE-Nevada	
WQMP Well ID		5307M01	5310Q01	5310Q01	5310Q01	5310Q01	5310Q01	5310Q01	5310Q01	5310Q01	5308A02	
SampleID/Comment		5307M01	5310Q01a	5310Q01	5310Q01	5310Q01	5310Q01	5310Q01a	5310Q01a	5310Q01	5308A02 pump #3	
Quarter		3	1	1	2	3	3	4	4	4	3	
Sample Date		8/6/2015	2/11/2015	2/11/2015	5/14/2015	8/4/2015	8/4/2015	11/10/2015	11/10/2015	11/10/2015	7/28/2015	
Static Water Level (ft)		144.88	-	31.55	37.56	41.06	-	-	-	39.27	-	
Sample Depth (ft)		148.50	-	41	41	42	-	-	-	41	-	
Conductivity (µS/cm)		259	-	201	208	186	-	-	-	202	207	
Water Temperature (C°)		14.06	-	13.27	12.74	14.54	-	-	-	13.12	11.26	
pH		7.77	-	8.07	7.89	7.95	-	-	-	-	7.23	
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004
SRP ³	-	-	-	0.002	0.003	0.002	0.003	0.003	0.003	0.001	0.002	0.003
Nitrate+Nitrite	10	5	-	1.29	0.89	0.90	0.90	0.87	0.90	0.92	0.93	1.00
Arsenic	0.01	0.005	-	0.00195	-	-	-	0.00286	0.00302	-	-	0.00226
Lead ⁴	0.015	-	-	<0.0010	-	-	-	<0.0010	<0.0010	-	-	<0.001
Copper ⁴	1.3	-	-	<0.00100	-	-	-	<0.00100	<0.00100	-	-	0.00438
Mercury	0.002	0.0004	-	<0.000200	-	-	-	<0.000200	<0.000200	-	-	<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	<0.10	-	-	-	<0.10	<0.10	-	-	0.100
Chloride	-	250	250	6.54	4.95	5.25	4.85	3.43	3.42	3.50	3.46	4.44
Sodium	-	-	-	3.76	-	-	-	2.86	2.84	-	-	2.71
Zinc	-	5	5	<0.005	-	-	-	<0.005	<0.005	-	-	<0.005
Magnesium	-	-	-	10.50	-	-	-	8.94	8.99	-	-	9.23
Potassium	-	-	-	1.75	-	-	-	1.62	1.64	-	-	1.57
Manganese	-	0.05	0.05	<0.00100	-	-	-	0.00542	0.00468	-	-	<0.00100
Calcium	-	-	-	30.30	-	-	-	26.20	26.00	-	-	26.00

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
2015 Quarterly Results

Well Name		Fire Station Houston & Regal, No. Spokane WD					CONSOLIDATED IRRIG DIST 19, Site 2A	CONSOLIDATED IRRIG DIST 19, Site 11B		
WQMP Well ID		6327N04	6327N04	6327N04	6327N04	6327N04	5518R01	6631M04		
SampleID/Comment		6327N04	6327N04	6327N04	6327N04a	6327N04	5518R01 A-east	6631M04 - south well		
Quarter		1	2	3	3	4	3	3		
Sample Date		2/11/2015	5/14/2015	8/6/2015	8/6/2015	11/10/2015	7/28/2015	8/3/2015		
Static Water Level (ft)		187.02	185.96	189.88	-	190.21	-	-		
Sample Depth (ft)		188.50	187.5	191	-	192.00	-	-		
Conductivity (µS/cm)		344	367	424	-	6.77	144	232		
Water Temperature (C°)		15.31	13.67	13.60	-	12.87	12.21	13.17		
pH		7.80	7.57	7.61	-	403.00	8.31	7.81		
Analytes	Washington Drinking Water Standards									
	MCL ¹	Trigger Level ²	Secondary							
Phosphorus	-	-	-	0.002	<0.002	0.003	0.003	0.002	0.002	0.004
SRP ³	-	-	-	0.002	<0.001	<0.001	<0.001	<0.001	0.002	0.003
Nitrate+Nitrite	10	5	-	2.27	2.16	3.52	3.51	3.31	0.57	1.36
Arsenic	0.01	0.005	-	-	-	0.00116	0.00151	-	0.00145	0.00528
Lead ⁴	0.015	-	-	-	-	<0.0010	<0.0010	-	<0.001	<0.001
Copper ⁴	1.3	-	-	-	-	<0.00100	<0.00100	-	<0.001	<0.001
Mercury	0.002	0.0004	-	-	-	<0.000200	<0.000200	-	<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	-	-	<0.10	<0.10	-	<0.10	<0.10
Chloride	-	250	250	10.50	10.60	11.50	11.00	12.00	3.21	3.90
Sodium	-	-	-	-	-	15.80	16.20	-	2.17	2.81
Zinc	-	5	5	-	-	<0.005	<0.005	-	<0.005	<0.005
Magnesium	-	-	-	-	-	21.80	22.30	-	4.70	11.90
Potassium	-	-	-	-	-	3.58	3.63	-	1.17	2.03
Manganese	-	0.05	0.05	-	-	0.001	0.00101	-	<0.00100	<0.00100
Calcium	-	-	-	-	-	32.50	33.00	-	19.80	26.90

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
2015 Quarterly Results

Well Name		Spokane Co Water Dist #3, Site 2-5, 26th & Vercler						Plantess Ferry Park monitoring well	Sullivan Road and Centennial Trail, monitoring well			
WQMP Well ID		5427L01	5427L01	5427L01	5427L01	5427L01	5427L01	5427L01	5404A01	5411R04		
SampleID/Comment		5427L01A	5427L01	5427L01	5427L01	5427L01a	5427L01 not running	5427L01a	5404A01	5411R04		
Quarter		1	1	2	3	3	4	4	3	1		
Sample Date		1/27/2015	1/27/2015	5/12/2015	7/28/2015	7/28/2015	10/27/2015	10/27/2015	8/5/2015	2/10/2015		
Static Water Level (ft)		-	-	-	-	-	-	-	50.99	47.43		
Sample Depth (ft)		-	-	-	-	-	-	-	109.5	48.5		
Conductivity (µS/cm)		-	370	386	378	-	374	-	302	260		
Water Temperature (C°)		-	9.33	11.35	11.38	-	11.36	-	13.73	11.13		
pH		-	7.60	7.46	7.74	-	7.24	-	6.44	7.29		
Analytes	Washington Drinking Water Standards											
	MCL ¹	Trigger Level ²	Secondary									
Phosphorus	-	-	-	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.052	0.003
SRP ³	-	-	-	0.004	0.004	0.005	0.005	0.005	0.007	0.006	0.038	0.003
Nitrate+Nitrite	10	5	-	2.62	2.61	2.32	2.59	2.58	2.64	2.60	<0.05	1.03
Arsenic	0.01	0.005	-	-	-	-	0.00411	0.00401	-	-	<0.001	-
Lead ⁴	0.015	-	-	-	-	-	<0.0010	<0.0010	-	-	<0.001	-
Copper ⁴	1.3	-	-	-	-	-	0.00103	0.00104	-	-	0.00101	-
Mercury	0.002	0.0004	-	-	-	-	<0.000200	<0.000200	-	-	<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	-	-	-	<0.10	<0.10	-	-	0.325	-
Chloride	-	250	250	10.00	9.23	8.66	8.74	8.77	7.75	7.86	2.41	2.84
Sodium	-	-	-	-	-	-	6.40	6.40	-	-	10.60	-
Zinc	-	5	5	-	-	-	<0.005	<0.005	-	-	<0.005	-
Magnesium	-	-	-	-	-	-	17.10	17.10	-	-	13.40	-
Potassium	-	-	-	-	-	-	2.65	2.64	-	-	5.39	-
Manganese	-	0.05	0.05	-	-	-	<0.00100	<0.00100	-	-	0.307	-
Calcium	-	-	-	-	-	-	47.60	47.30	-	-	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.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2015 Quarterly Results

Well Name		Sullivan Road and Krispy Kreme, monitoring well			Sullivan Park South, monitoring well						
WQMP Well ID	5411R06			5411R03	5411R03	5411R03	5411R03	5411R03	5411R03	5411R03	5411R03
SampleID/Comment	5411R06			5411R03	5411R03a	5411R03	5411R03	5411R03a	5411R03	5411R03a	5411R03a
Quarter	2			1	2	2	3	3	4	4	4
Sample Date	5/12/2015			1/27/2015	5/12/2015	5/12/2015	8/5/2015	8/5/2015	11/9/2015	11/9/2015	11/9/2015
Static Water Level (ft)	53.78			24.33	-	31.69	36.42	-	33.79	-	-
Sample Depth (ft)	55			27	-	32.5	37.50	-	34.5	-	-
Conductivity (µS/cm)	223			265	-	247	272	-	270	-	-
Water Temperature (C°)	10.00			9.42	-	11.48	13.54	-	12.14	-	-
pH	7.62			7.77	-	7.64	7.70	-	8.00	-	-
Analytes	Washington Drinking Water Standards										
	MCL ¹	Trigger Level ²	Secondary								
Phosphorus	-	-	-	0.006	0.004	0.003	0.003	0.003	0.003	0.004	0.004
SRP ³	-	-	-	0.004	0.004	0.002	0.003	0.003	0.003	0.002	0.002
Nitrate+Nitrite	10	5	-	0.88	1.10	0.96	0.96	1.26	1.29	1.31	1.25
Arsenic	0.01	0.005	-	-	-	-	-	0.00266	0.00333	-	-
Lead ⁴	0.015	-	-	-	-	-	-	<0.0010	<0.0010	-	-
Copper ⁴	1.3	-	-	-	-	-	-	<0.00100	<0.00100	-	-
Mercury	0.002	0.0004	-	-	-	-	-	<0.000200	<0.000200	-	-
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	3.27	3.50	2.46	2.46	2.18	2.24	2.26	2.29
Sodium	-	-	-	-	-	-	-	2.95	2.89	-	-
Zinc	-	5	5	-	-	-	-	<0.005	<0.005	-	-
Magnesium	-	-	-	-	-	-	-	13.40	13.20	-	-
Potassium	-	-	-	-	-	-	-	1.87	1.87	-	-
Manganese	-	0.05	0.05	-	-	-	-	<0.00100	<0.00100	-	-
Calcium	-	-	-	-	-	-	-	30.60	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.

3 Soluble Reactive Phosphorus

4 Federal Action Levels established for distribution systems.

Spokane County Water Resources - Spokane Valley Rathdrum Prairie Aquifer Monitoring
2015 Quarterly Results

Well Name		Blank 8/6/2015				Equipment Blank 8/6/2015					
WQMP Well ID		blank	blank	blank	blank	equipment blank	equipment blank	equipment 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		2/11/2015	5/13/2015	8/6/2015	11/10/2015	2/11/2015	5/13/2015	8/6/2015	11/10/2015		
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	<0.05	<0.05	0.07	<0.05	<0.05	<0.05	<0.05
Arsenic	0.01	0.005	-	-	<0.001	<0.001	-	<0.001	<0.001	<0.001	-
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	-	-	<0.000200	<0.000200	-	<0.000200	<0.000200	<0.000200	-
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	-
Fluoride	4	0.5	2	-	-	<0.10	-	-	<0.10	<0.10	-
Chloride	-	250	250	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.20	<0.20
Sodium	-	-	-	-	-	<0.5	-	-	-	<0.5	-
Zinc	-	5	5	-	<0.005	<0.005	-	<0.005	<0.005	<0.005	-
Magnesium	-	-	-	-	-	<0.20	-	-	-	<0.20	-
Potassium	-	-	-	-	-	0.50	-	-	-	0.50	-
Manganese	-	0.05	0.05	-	-	<0.00100	-	-	-	<0.00100	-
Calcium	-	-	-	-	-	<0.1	-	-	-	0.11	-

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.