

Table 1
Groundwater Analytical Data
City of Evart

DRAFT

Sample ID	Laboratory Method	Analyte	Matrix	2016																
				Results March 3	Results March 10	Results March 16	Results April 1	Results April 12	Results April 27	Results May 13	Results May 23	Results June 7	Results June 23	Results July 8	Results July 22	Results August 5	Results August 26	Results Sept 9	Results Sept 21	Results Oct 4
West Tower	331	Perchlorate	Water	0.13	0.13	0.12	0.11	0.07	0.07	NS	0.14	0.11	0.13	0.21	0.17	0.08	0.09	0.13	0.17	0.32
North Tower	331	Perchlorate	Water	1.4	1.2	1.2	1.6	1.4	NS	2.4	2.7	1.4	0.87	0.56	0.53	0.5	0.85	1.1	1.0	1.1
Well-1	331	Perchlorate	Water	11	11	11	10	10	10	11	NS	NS	8.3	7.3	7.4	8.5	13	14	11	11
Well-2	331	Perchlorate	Water	8.2	7.9	8.4	7.9	11	16	18	19	18	NS	NS	20	22	33	36	32	27
duplicate (Well 2)	331	Perchlorate	Water	-----	7.7	8	7.8	9.8	16	18	19	18	NS	NS	NS	NS	NS	NS	NS	NS
Well-3	331	Perchlorate	Water	7.4	6.1	6.3	7.8	11	15	21	26	28	27	29	24	21	22	12	10	7.3
Well-4	331	Perchlorate	Water	6.0	6.2	6.2	6.1	5.9	6.1	6.3	6.7	7.4	4.6	5.3	6.4	7.3	6.8	9.0	7.3	6.4
Well-6	331	Perchlorate	Water	0.73	0.66	0.61	0.55	0.66	0.72	0.74	0.82	0.74	1.1	1.7	1.6	1.6	1.4	1.3	1.9	0.97
Hydrant-1	331	Perchlorate	Water	0.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Hydrant-2	331	Perchlorate	Water	6.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
duplicate (hydrant 2)	331	Perchlorate	Water	6.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hydrant-3	331	Perchlorate	Water	4.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Hydrant-4	331	Perchlorate	Water	4.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Sample ID	Laboratory Method	Analyte	Matrix	2016										2017					Unit	Detection Limit
				Results Oct 21	Results Nov 4	Results Nov 18	Results Dec 2	Results Dec 16	Results Dec 29	Results Jan 13	Results Jan 27	Results Feb 10	Results Feb 24	Results Mar 10	Results Mar 24	Results April 7	Results April 21	Results May 5		
West Tower	331	Perchlorate	Water	0.31	0.33	0.06	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	0.06	0.07	0.07	0.06	<0.05	<0.05	ug/L	0.05
North Tower	331	Perchlorate	Water	0.87	0.75	0.67	0.47	0.31	0.19	0.18	0.14	0.15	0.14	0.14	0.16	0.18	0.15	0.14	ug/L	0.05
Well-1	331	Perchlorate	Water	8	6.9	5.8	5.0	4.4	3.8	3.3	3.1	2.8	2.9	3.1	3	2.6	2.3	2.2	ug/L	0.05
Well-2	331	Perchlorate	Water	22	17	15	14	9.8	9	6.2	6.9	1	1.2	0.99	1.7	1.4	1.4	1.5	ug/L	0.05
Well-3	331	Perchlorate	Water	4.1	3.1	2.9	2.7	2.4	2	1.8	1	1.3	1	1	1.4	1	1.2	1.3	ug/L	0.05
Well-4	331	Perchlorate	Water	5.9	5.5	4.9	3.7	3.4	3.1	2.6	2.6	2.4	2.1	1.9	1.7	1.8	1.9	1.8	ug/L	0.05
Well-6	331	Perchlorate	Water	0.78	0.33	0.39	0.21	0.21	0.12	0.13	0.07	0.57	0.56	0.28	0.97	0.74	0.63	0.58	ug/L	0.05

Sample ID	Laboratory Method	Analyte	Matrix	2017															Unit	Detection Limit
				Results May 17	Results May 30	Results June 16	Results June 27	Results July 14	Results July 27	Results Aug 11	Results Aug 24	Results Sept 8	Results Sept 22	Results Oct 6	Results Oct 20	Results Nov 3	Results Nov 17	Results Dec 1		
West Tower	331	Perchlorate	Water	<0.05	0.06	0.07	0.09	0.12	0.17	0.19	0.23	0.23	0.09	0.10	0.12	0.15	0.16	0.21	ug/L	0.05
North Tower	331	Perchlorate	Water	0.20	0.23	0.24	0.22	0.27	0.32	0.41	0.46	0.41	0.31	0.26	0.42	0.32	0.29	0.31	ug/L	0.05
Well-1	331	Perchlorate	Water	2	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.1	1.1	1.0	0.98	0.87	0.83	ug/L	0.05
Well-2	331	Perchlorate	Water	2	2.9	2.4	1.8	2.2	2.2	2	1.8	1.6	1.4	0.98	0.64	0.45	0.49	0.54	ug/L	0.05
Well-3	331	Perchlorate	Water	1.9	3.5	2	1.4	2.4	2.7	2	1.8	1.7	1.4	1.1	0.84	0.60	0.52	0.62	ug/L	0.05
Well-4	331	Perchlorate	Water	1.6	1.6	1.4	1.5	1.4	1.3	1.3	1.2	1.1	0.98	0.97	0.92	0.99	0.87	0.82	ug/L	0.05
Well-6	331	Perchlorate	Water	1.5	2.3	2.2	1.2	1.8	2.0	1.5	1.6	1.4	1.1	0.96	0.44	0.23	0.28	0.25	ug/L	0.05

DW - Drinking Water

NS - Not Sampled

North Tower not sampled (April 27, 2016) due to maintenance

West Tower not sampled (May 13, 2016) due to maintenance

Well-1 not sampled (May 23, 2016 and June 1, 2016) due to maintenance

Well 2 not sampled (June 23, 2016 and July 8, 2016) due to maintenance

Well 3 not sampled (April 20, 2018) due to maintenance

Table 1
Groundwater Analytical Data
 City of Evert

Sample ID	Laboratory Method	Analyte	Matrix	2017							2018							Unit	Detection Limit	
				Results Dec 15	Results Dec 27	Results Jan 12	Results Jan 26	Results Feb 7	Results Feb 23	Results March 9	Results March 23	Results April 6	Results April 20	Results May 4	Results May 22	Results June 8	Results June 22			Results July 6
West Tower	331	Perchlorate	Water	0.24	0.18	0.38	0.09	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	0.08	0.14	0.19	0.13	ug/L	0.05
North Tower	331	Perchlorate	Water	0.31	0.30	0.32	0.21	0.16	0.11	0.08	0.07	0.08	0.08	0.09	0.09	0.09	0.12	0.13	ug/L	0.05
Well-1	331	Perchlorate	Water	0.74	0.67	0.63	0.61	0.60	0.74	0.67	0.62	0.46	0.41	0.40	0.39	0.37	0.34	0.36	ug/L	0.05
Well-2	331	Perchlorate	Water	0.53	0.47	0.48	0.42	0.53	0.53	0.62	0.55	0.60	0.41	0.40	0.43	0.51	0.50	0.52	ug/L	0.05
Well-3	331	Perchlorate	Water	0.55	0.56	0.56	0.53	0.62	1.4	1.7	1.4	0.80	NS	0.65	0.47	0.64	0.67	0.68	ug/L	0.05
Well-4	331	Perchlorate	Water	0.71	0.72	0.86	0.76	0.80	0.76	0.78	0.77	0.76	0.73	0.65	0.60	0.57	0.54	0.57	ug/L	0.05
Well-6	331	Perchlorate	Water	0.29	0.27	0.33	0.24	0.28	0.37	0.30	0.41	0.37	0.19	0.18	0.14	0.12	0.15	0.14	ug/L	0.05

Sample ID	Laboratory Method	Analyte	Matrix	2018							2019							Unit	Detection Limit	
				Results July 20	Results Aug 6	Results Aug 21	Results Sept 7	Results Sept 24	Results Oct 19	Results Nov 16	Results Dec 14	Results Jan 18	Results Feb 22	Results Mar 19	Results Apr 19	Results May 14				
West Tower	331	Perchlorate	Water	0.15	0.20	0.26	0.37	0.17	NS	0.22	0.08	0.13	0.07	<0.05	0.05	0.06			ug/L	0.05
North Tower	331	Perchlorate	Water	0.16	0.29	0.34	0.38	0.40	0.18	0.12	0.11	0.13	0.30	0.10	<0.05	<0.05			ug/L	0.05
Well-1	331	Perchlorate	Water	0.36	0.37	NS	0.34	NS	0.27	0.30	0.32	0.29	0.29	0.28	0.25	0.25			ug/L	0.05
Well-2	331	Perchlorate	Water	0.55	0.50	0.47	0.33	0.44	0.30	0.33	0.34	0.29	0.27	0.13	0.19	0.21			ug/L	0.05
Well-3	331	Perchlorate	Water	0.75	0.71	0.70	0.65	0.62	0.47	0.54	0.51	0.42	0.40	0.22	0.27	0.34			ug/L	0.05
Well-4	331	Perchlorate	Water	0.56	0.57	0.62	0.67	0.65	0.66	0.72	0.63	0.58	0.54	0.52	0.53	0.48			ug/L	0.05
Well-6	331	Perchlorate	Water	0.13	0.12	0.14	0.19	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			ug/L	0.05

DW - Drinking Water

NS - Not Sampled

Well 1 not sampled (August 21, 2018 and September 24, 2018) due to maintenance

West Tower not sampled (October 19, 2018) due to maintenance