

Table 7
Water Quality Data Transformation Summary

No.	Network Site	Well Name	Sample Event Date	Outlier Identified		Value	GCDWQ	Background	Action / Comment
				Trial Plot	Histogram				
1	Eagle Rock	WTN 25325	18-Mar-03	As	As	0.05	0.01	0.001	High potential for Impacted Well
2	Eagle Rock	WTN 25326	24-Nov-09		Ca	29.1	n.a	40	not visual outlier - not removed
3	Eagle Rock	WTN 30690	24-Oct-07		NH4	0.037	n.a.	0.06	not visual outlier - not removed
4	Eagle Rock	WTN 30690	24-Oct-07		NO3	1.67	10	0.1	High potential for Impacted Well
5	Eagle Rock	WTN 32340	17-Feb-91		Alkalinity	29.5	n.a.	145	not visual outlier - not removed
6	Eagle Rock	WTN 32340	13-Jul-87		Alkalinity	29.8	n.a.	145	not visual outlier - not removed
7	Eagle Rock	WTN 32340	15-Jun-97	As	As	0.06	0.01	0.001	High potential for Impacted Well
8	Eagle Rock	WTN 32340	11-Sep-00		Ca	8	n.a	40	not visual outlier - not removed
9	Eagle Rock	WTN 32340	15-Jun-97		Ca	8.5	n.a	40	not visual outlier - not removed
10	Eagle Rock	WTN 32340	9-Nov-09		Ca	31	n.a	40	not visual outlier - not removed
11	Eagle Rock	WTN 32340	7-Jul-93		Ca	31.2	n.a	40	not visual outlier - not removed
12	Eagle Rock	WTN 32340	27-Sep-90	Conductance		400	n.a.	100	removed
13	Eagle Rock	WTN 32340	17-Feb-91		Conductance	61	n.a.	100	not visual outlier - not removed
14	Eagle Rock	WTN 32340	13-Jul-87		Conductance	73	n.a.	100	not visual outlier - not removed
15	Eagle Rock	WTN 32340	11-Sep-00		Conductance	84	n.a.	100	not visual outlier - not removed
16	Eagle Rock	WTN 32340	15-Jun-97		Conductance	93	n.a.	100	not visual outlier - not removed
17	Eagle Rock	WTN 32340	9-Nov-09	Fe	Fe	3.11	0.3	0.1	removed - total metals levels sensitive to NTU
18	Eagle Rock	WTN 32340	7-Jul-93		Fe	0.92	0.3	0.1	not visual outlier - not removed
19	Eagle Rock	WTN 32340	15-Jun-97		Fe	1.2	0.3	0.1	multiple spatial modes - not removed
20	Eagle Rock	WTN 32340	11-Sep-00		Fe	1.32	0.3	0.1	multiple spatial modes - not removed
21	Eagle Rock	WTN 32340	11-Sep-00		Hardness	30	n.a.	50	multiple spatial modes - not removed
22	Eagle Rock	WTN 32340	15-Jun-97		Hardness	31	n.a.	50	multiple spatial modes - not removed
23	Eagle Rock	WTN 32340	27-Sep-90	TDS		242	500	200	removed
24	Eagle Rock	WTN 32340	17-Feb-91		TDS	36	500	200	multiple spatial modes - not removed
25	Eagle Rock	WTN 32340	15-Jun-97		TDS	50	500	200	multiple spatial modes - not removed
26	Eagle Rock	WTN 32340	11-Sep-00		TDS	50	500	200	multiple spatial modes - not removed
27	Eagle Rock	WTN 32340	13-Jul-87		TDS	54	500	200	multiple spatial modes - not removed
28	Eagle Rock	WTN 32340	9-Nov-09		TDS	86	500	200	multiple spatial modes - not removed
29	Eagle Rock	WTN 32340	7-Jul-93		TDS	119	500	200	multiple spatial modes - not removed
30	Eagle Rock	WTN 38270	22-Sep-04		Alkalinity	227	n.a.	145	not visual outlier - not removed
31	Eagle Rock	WTN 38270	13-Dec-06		Alkalinity	228	n.a.	145	not visual outlier - not removed
32	Eagle Rock	WTN 38270	13-Oct-05		Alkalinity	230	n.a.	145	not visual outlier - not removed
33	Eagle Rock	WTN 38270	24-Oct-07		Alkalinity	230	n.a.	145	not visual outlier - not removed
34	Eagle Rock	WTN 38270	18-Mar-03	As	As	0.05	0.01	0.001	High potential for Impacted Well

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				Trial Plot	Histogram				
35	Eagle Rock	WTN 38270	24-Oct-07		HCO3	290	n.a.	140	limited sample events - not removed
36	Eagle Rock	WTN 38270	18-Mar-03		Mn	0.121	0.05	0.02	multiple spatial modes - not removed
37	Eagle Rock	WTN 38270	17-Sep-03		Mn	0.152	0.05	0.02	multiple spatial modes - not removed
38	Eagle Rock	WTN 38270	22-Sep-04		Mn	0.169	0.05	0.02	multiple spatial modes - not removed
39	Eagle Rock	WTN 38270	13-Dec-06		Mn	0.174	0.05	0.02	multiple spatial modes - not removed
40	Eagle Rock	WTN 38270	13-Oct-05		Mn	0.18	0.05	0.02	multiple spatial modes - not removed
41	Eagle Rock	WTN 38270	18-Mar-03		SO4	21.4	500	5.0	not visual outlier - not removed
42	Eagle Rock	WTN 38270	22-Sep-04		SO4	25.8	500	5.0	not visual outlier - not removed
43	Eagle Rock	WTN 38270	13-Oct-05		SO4	26.1	500	5.0	not visual outlier - not removed
44	Eagle Rock	WTN 38270	24-Oct-07		SO4	26.2	500	5.0	not visual outlier - not removed
45	Eagle Rock	WTN 38270	13-Dec-06		SO4	31.1	500	5.0	not visual outlier - not removed
46	Eagle Rock	WTN 38270	24-Oct-07	TDS		340	500	200	removed
47	Eagle Rock	WTN 56810	18-Mar-03	As	As	0.05	0.01	0.001	High potential for Impacted Well
48	Eagle Rock	WTN 56810	18-Mar-03		As	0.05	0.01	0.001	removed
49	Eagle Rock	WTN 56810	29-Aug-02		Ca	15.9	n.a	40	removed
50	Eagle Rock	WTN 56810	29-Aug-02	Hardness		52.8	n.a.	50	removed
51	Eagle Rock	WTN 56810	29-Aug-02		Na	0.77	200	2.5	removed
52	Eagle Rock	WTN 56810	22-Sep-04		NO3	2.27	10	0.1	High potential for Impacted Well
53	Eagle Rock	WTN 56810	24-Nov-09		NO3	2.7	10	0.1	High potential for Impacted Well
54	Eagle Rock	WTN 56810	17-Sep-03		NO3	2.76	10	0.1	High potential for Impacted Well
55	Eagle Rock	WTN 56810	13-Dec-06		NO3	3	10	0.1	High potential for Impacted Well
56	Eagle Rock	WTN 56810	18-Mar-03		NO3	3.81	10	0.1	High potential for Impacted Well
57	Eagle Rock	WTN 56810	18-Mar-03		NO3	4	10	0.1	High potential for Impacted Well
58	Eagle Rock	WTN 56810	13-Oct-05		NO3	4.4	10	0.1	High potential for Impacted Well
59	Grand Forks	WTN 20379	19-Oct-04	S04		15.8	500	9.0	removed
60	Grand Forks	WTN 20502	17-Sep-02	Conductance	Conductance	55.7	n.a.	190	removed
61	Grand Forks	WTN 35526	20-Oct-08		Alkalinity	320	n.a.	70	removed
62	Grand Forks	WTN 35526	20-Oct-08		Ca	135	n.a	45	removed
63	Grand Forks	WTN 35526	10-Oct-08	Cl		50	250	1.0	High potential for Impacted Well
64	Grand Forks	WTN 35526	26-Sep-95		Cl	32.7	250	1.0	High potential for Impacted Well
65	Grand Forks	WTN 35526	20-Oct-08		Cl	50	250	1.0	High potential for Impacted Well
66	Grand Forks	WTN 35526	20-Oct-08		Conductance	940	n.a.	190	removed
67	Grand Forks	WTN 35526	13-Oct-04		Hardness	389	n.a.	170	marginal outlier only - not removed

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68	Grand Forks	WTN 35526	20-Oct-08		Hardness	431	n.a.	170	marginal outlier only - not removed
69	Grand Forks	WTN 35526	20-Oct-08		HCO3	380	n.a.	150	multiple spatial modes - not removed
70	Grand Forks	WTN 35526	20-Oct-08	K	K	5.66	n.a.	1.8	removed
71	Grand Forks	WTN 35526	20-Oct-08	Na		25.1	200	7	removed
72	Grand Forks	WTN 35526	13-Oct-04	NH4	NH4	0.33	n.a.	0.01	removed
73	Grand Forks	WTN 35526	13-Oct-04		NO2	0.162	n.a.	0.002	removed
74	Grand Forks	WTN 35526	2-Oct-00		NO2	0.18	n.a.	0.002	removed
75	Grand Forks	WTN 35526	20-Oct-08	TDS	TDS	650	500	130	removed
76	Grand Forks	WTN 35526	13-Oct-04	U		0.0148	0.02	0.002	removed
77	Grand Forks	WTN 37623	18-Sep-07	N02	NO2	1.49	n.a.	0.002	removed
78	Grand Forks	WTN 37623	27-Sep-95		NO2	0.177	n.a.	0.002	removed
79	Grand Forks	WTN 58625	1-Sep-09		HCO3	270	n.a.	150	multiple spatial modes - not removed
80	Grand Forks	WTN 58733	8-Oct-08	S04		47	500	9.0	removed
81	Grand Forks	WTN 59069S	25-Oct-93		Ca	18.9	n.a	45	removed
82	Grand Forks	WTN 59167D	24-May-90		NH4	0.1	n.a.	0.01	removed
83	Grand Forks	WTN 59167D	30-Aug-99		NH4	0.255	n.a.	0.01	removed
84	Grand Forks	WTN 59168D	24-May-90	Cl	Cl	36.9	250	1.0	removed
85	Grand Forks	WTN 59168D	24-May-90		NO2	0.141	n.a.	0.002	removed
86	Grand Forks	WTN 59168S	23-May-90		As	0.131	0.01	0.005	spatially clustered and temporary - not removed
87	Grand Forks	WTN 59168S	16-Oct-90		As	0.278	0.01	0.005	spatially clustered and temporary - not removed
88	Grand Forks	WTN 59168S	8-May-91		Ca	143	n.a	45	removed
89	Grand Forks	WTN 59168S	23-May-90		Ca	146	n.a	45	removed
90	Grand Forks	WTN 59168S	16-Oct-90		Ca	223	n.a	45	removed
91	Grand Forks	WTN 59168S	23-May-90		Fe	234	0.3	0.05	removed - total metals levels sensitive to NTU
92	Grand Forks	WTN 59168S	8-May-91		Fe	244	0.3	0.05	removed - total metals levels sensitive to NTU
93	Grand Forks	WTN 59168S	16-Oct-90		Fe	340	0.3	0.05	removed - total metals levels sensitive to NTU
94	Grand Forks	WTN 59168S	8-May-91		Mg	83.6	n.a.	6.0	removed - total metals levels sensitive to NTU
95	Grand Forks	WTN 59168S	23-May-90		Mg	85.5	n.a.	6.0	removed - total metals levels sensitive to NTU
96	Grand Forks	WTN 59168S	16-Oct-90		Mg	119	n.a.	6.0	removed - total metals levels sensitive to NTU
97	Grand Forks	WTN 59168S	23-May-90		Mn	7.01	0.05	0.003	removed - total metals levels sensitive to NTU
98	Grand Forks	WTN 59168S	8-May-91		Mn	8.61	0.05	0.003	removed - total metals levels sensitive to NTU
99	Grand Forks	WTN 59168S	16-Oct-90		Mn	11.5	0.05	0.003	removed - total metals levels sensitive to NTU
100	Grand Forks	WTN 59168S	19-Sep-06		Na	43.2	200	7.0	removed

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101	Grand Forks	WTN 59168S	28-May-92		Na	43.7	200	7.0	removed
102	Grand Forks	WTN 59170S	21-May-90		Fe	44.4	0.3	0.05	removed - total metals levels sensitive to NTU
103	Grand Forks	WTN 59171D	21-May-90		Fe	69.3	0.3	0.05	removed - total metals levels sensitive to NTU
104	Grand Forks	WTN 59171D	30-Aug-99	NH4		0.255	n.a.	0.01	removed
105	Grand Forks	WTN 59171S	13-Feb-91	Alkalinity	Alkalinity	358	n.a.	70	removed
106	Grand Forks	WTN 59171S	15-Oct-90		As	0.232	0.01	0.005	spatially clustered and temporary - not removed
107	Grand Forks	WTN 59171S	15-Oct-90	Ca	Ca	170	n.a	45	removed
108	Grand Forks	WTN 59171S	21-May-90		Fe	144	0.3	0.05	removed - total metals levels sensitive to NTU
109	Grand Forks	WTN 59171S	15-Oct-90		Fe	242	0.3	0.05	removed - total metals levels sensitive to NTU
110	Grand Forks	WTN 59171S	15-Oct-90		Mg	79.1	n.a.	6.0	removed - total metals levels sensitive to NTU
111	Grand Forks	WTN 59171S	21-May-90		Mn	4.19	0.05	0.003	removed - total metals levels sensitive to NTU
112	Grand Forks	WTN 59171S	15-Oct-90		Mn	7.68	0.05	0.003	removed - total metals levels sensitive to NTU
113	Grand Forks	WTN 59172DD	5-Oct-05	TDS		342	500	130	removed
114	Grand Forks	WTN 7873	31-Oct-94	TDS		212	500	130	removed
115	Grand Forks	WTN 7945	27-Sep-95	S04		43	500	9.0	removed
116	Grand Forks	WTN 7962	18-Sep-07	Alkalinity		80	n.a.	70	removed
117	Grand Forks	WTN 7962	1-Oct-01		Alkalinity	320	n.a.	70	not visual outlier - not removed
118	Grand Forks	WTN 7962	18-Sep-07	Ca		23.4	n.a	45	removed
119	Grand Forks	WTN 7962	18-Sep-07	Fl		0.23	1.5	0.3	removed
120	Grand Forks	WTN 7962	18-Sep-07	Hardness		76.67	n.a.	170	removed
121	Grand Forks	WTN 7962	1-Sep-09		HCO3	370	n.a.	150	multiple spatial modes - not removed
122	Grand Forks	WTN 7962	18-Sep-07	K		1.0	n.a.	1.8	removed
123	Grand Forks	WTN 7962	18-Sep-07	Mg		4.43	n.a.	6.0	removed
124	Grand Forks	WTN 7962	18-Sep-07	Na		4.26	200	7	removed
125	Grand Forks	WTN 7962	18-Sep-07	S04		1.8	500	9.0	removed
126	Grand Forks	WTN 7962	18-Sep-07	TDS		118	500	130	removed
127	Grand Forks	WTN 7962	18-Sep-07	U		0.00088	0.02	0.002	removed
128	Grand Forks	WTN 7963	24-May-90	Cl		23.5	250	1.0	removed
129	Grand Forks	WTN 7990	27-Sep-95	Fl	Fl	0.1	1.5	0.3	removed
130	Grand Forks	WTN 7990	18-Sep-06	K		5	n.a.	1.8	removed
131	Grand Forks	WTN A	18-Sep-07	Alkalinity		293	n.a.	70	removed
132	Grand Forks	WTN A	18-Sep-07	Ca		88.1	n.a	45	removed
133	Grand Forks	WTN A	18-Sep-07	Conductance		631	n.a.	190	removed

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				Trial Plot	Histogram				
134	Grand Forks	WTN A	18-Sep-07	Fl		0.67	1.5	0.3	removed
135	Grand Forks	WTN A	18-Sep-07	Hardness		320	n.a.	170	removed
136	Grand Forks	WTN A	18-Sep-07	K		4.0	n.a.	1.8	removed
137	Grand Forks	WTN A	18-Sep-07	Mg		24.3	n.a.	6.0	removed
138	Grand Forks	WTN A	18-Sep-07	Na		18	200	7	removed
139	Grand Forks	WTN A	18-Sep-07	SO4		58.9	500	9.0	removed
140	Grand Forks	WTN A	18-Sep-07	TDS		406	500	130	removed
141	Grand Forks	WTN A	18-Sep-07	U		0.0112	0.02	0.002	removed
142	Grand Forks	WTN B	18-Sep-07		Ca	115	n.a	45	removed
143	Grand Forks	WTN B	1-Sep-09		Ca	126	n.a	45	removed
144	Grand Forks	WTN B	1-Sep-09		Cl	42	250	1.0	proximity to impacted well - not removed
145	Grand Forks	WTN B	18-Sep-07		Hardness	391	n.a.	170	marginal outlier only - not removed
146	Grand Forks	WTN B	1-Sep-09		Hardness	413	n.a.	170	marginal outlier only - not removed
147	Grand Forks	WTN B	25-Oct-93		SO4	146	500	9.0	removed
148	Oliver	WTN 21867	16-Oct-08		Cl	21	250	1.0	not visual outlier - not removed
149	Oliver	WTN 21867	13-Mar-03		NO3	7.47	n.a.	0.05	High potential for Impacted Well
150	Oliver	WTN 21867	16-Oct-08		NO3	7.7	10	0.05	High potential for Impacted Well
151	Oliver	WTN 21867	17-Sep-03		NO3	7.86	10	0.05	High potential for Impacted Well
152	Oliver	WTN 21867	21-Sep-06		NO3	9.2	10	0.05	High potential for Impacted Well
153	Oliver	WTN 21867	23-Sep-09		NO3	9.4	10	0.05	High potential for Impacted Well
154	Oliver	WTN 21867	12-Oct-05		NO3	9.5	10	0.05	High potential for Impacted Well
155	Oliver	WTN 21867	20-Sep-07		NO3	9.5	10	0.05	High potential for Impacted Well
156	Oliver	WTN 21867	3-Nov-04		NO3	10.1	10	0.05	High potential for Impacted Well
157	Oliver	WTN 21873	23-Sep-09		Fe	0.724	0.3	0.02	removed
158	Oliver	WTN 21873	23-Sep-09	Mn	Mn	0.174	0.05	0.001	removed
159	Oliver	WTN 23793	21-Sep-06		As	0.05	0.01	0.0003	removed
160	Oliver	WTN 23793	20-Sep-07	Ca	Ca	135	n.a	20	removed
161	Oliver	WTN 23793	20-Sep-07	Hardness	Hardness	564	n.a.	110	removed
162	Oliver	WTN 23793	20-Sep-07	Mg	Mg	54.9	n.a.	5.0	removed
163	Oliver	WTN 24513	16-Oct-08	Cl		16	250	1.0	removed
164	Oliver	WTN 25793	21-Sep-06	As		0.05	0.01	0.0003	removed
165	Oliver	WTN 49935	20-Sep-07		Alkalinity	71.2	n.a.	70	multiple spatial modes - not removed
166	Oliver	WTN 49935	21-Sep-06		Alkalinity	73.1	n.a.	70	multiple spatial modes - not removed

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167	Oliver	WTN 49935	22-Sep-09		Alkalinity	75	n.a.	70	multiple spatial modes - not removed
168	Oliver	WTN 49935	20-Sep-07		Conductance	160	n.a.	200	multiple spatial modes - not removed
169	Oliver	WTN 49935	22-Sep-09		Conductance	163	n.a.	200	multiple spatial modes - not removed
170	Oliver	WTN 49935	21-Sep-06		Conductance	167	n.a.	200	multiple spatial modes - not removed
171	Oliver	WTN 49935	20-Oct-08		Conductance	230	n.a.	200	multiple spatial modes - not removed
172	Oliver	WTN 49935	22-Sep-09		Mg	4.16	n.a.	5.0	multiple spatial modes - not removed
173	Oliver	WTN 49935	20-Sep-07		Mg	4.78	n.a.	5.0	multiple spatial modes - not removed
174	Oliver	WTN 49935	21-Sep-06		Mg	5.09	n.a.	5.0	multiple spatial modes - not removed
175	Oliver	WTN 49935	20-Oct-08		Mg	6.88	n.a.	5.0	multiple spatial modes - not removed
176	Oliver	WTN 49935	22-Sep-09		TDS	82	500	100	not visual outlier - not removed
177	Oliver	WTN 61069	3-Nov-04		Fe	1.39	0.3	0.02	removed
178	Oliver	WTN 61069	12-Oct-05		pH	7.1	6.5 to 8.5	7.8	not visual outlier - not removed
179	Oliver	WTN 62966	16-Sep-98	As	As	0.06	0.01	0.0003	removed
180	Oliver	WTN 62966	16-Sep-98		Ca	5.4	n.a	20	not visual outlier - not removed
181	Oliver	WTN 62966	11-Nov-09	Fe	Fe	8.42	0.3	0.02	removed
182	Oliver	WTN 62966	16-Sep-98		Fe	1.86	0.3	0.02	High potential for Impacted Well
183	Oliver	WTN 62966	11-Nov-09		K	7.07	n.a.	2.0	High potential for Impacted Well
184	Oliver	WTN 62966	16-Sep-98		K	8.1	n.a.	2.0	High potential for Impacted Well
185	Oliver	WTN 62966	16-Sep-98		Mg	53.1	n.a.	5.0	multiple spatial modes - not removed
186	Oliver	WTN 62966	11-Nov-09	Mn	Mn	0.134	0.05	0.001	removed
187	Oliver	WTN 62966	16-Sep-98		NH4	2.37	n.a.	0.01	High potential for Impacted Well
188	Oliver	WTN 62966	11-Nov-09		pH	8.6	6.5 to 8.5	7.8	not visual outlier - not removed
189	Oliver	WTN 62966	16-Sep-98		pH	8.85	6.5 to 8.5	7.8	not visual outlier - not removed
190	Oliver	WTN 62966	16-Sep-98		SO4	1.9	500	15	High potential for Impacted Well
191	Oliver	WTN 62966	11-Nov-09		SO4	3.9	500	15	High potential for Impacted Well
192	Oliver	WTN 83010	16-Oct-08		Mn	0.143	0.05	0.001	removed
193	Oliver	WTN 83010	16-Oct-08		U	0.042	0.02	0.002	not removed - conc. Probably impacted by NTU
194	Oliver	WTN 83011	21-Sep-06	As	As	0.05	0.01	0.0003	removed
195	Oliver	WTN 83011	20-Sep-07	Ca	Ca	105	n.a	20	removed
196	Oliver	WTN 83011	20-Sep-07	Mn	Mn	0.139	0.05	0.001	removed
197	Oliver	WTN 83011	20-Sep-07	NO2	NO3	0.021	n.a.	0.002	removed
198	Oliver	WTN 83011	16-Oct-08		U	0.0302	0.02	0.002	not removed - conc. probably impacted by NTU
199	Oliver	WTN 83011	3-Nov-04		U	0.0308	0.02	0.002	not removed - conc. Probably impacted by NTU

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200	Oliver	WTN 83011	20-Sep-07		U	0.034	0.02	0.002	not removed - conc. Probably impacted by NTU
201	Osoyoos	WTN 14402	26-Aug-85	As	As	0.3	0.01	0.001	removed
202	Osoyoos	WTN 14402	21-Sep-09	Conductance		312	n.a.	600	removed
203	Osoyoos	WTN 14402	21-Sep-09	Hardness		128	n.a.	300	removed
204	Osoyoos	WTN 14402	21-Sep-09		HCO3	150	n.a.	300	limited sample events - not removed
205	Osoyoos	WTN 14402	21-Sep-09	K		2.62	n.a.	4.0	removed
206	Osoyoos	WTN 14402	10-Aug-92		K	15	n.a.	4.0	not visual outlier - not removed
207	Osoyoos	WTN 14402	11-Aug-91		NH4	4.57	n.a.	0.005	removed
208	Osoyoos	WTN 14402	11-Aug-91		NO2	2.02	n.a.	0.002	removed
209	Osoyoos	WTN 14402	22-Sep-04		NO3	30.1	10	0.5	High potential for Impacted Well
210	Osoyoos	WTN 14402	11-Feb-06		NO3	34	10	0.5	High potential for Impacted Well
211	Osoyoos	WTN 14402	26-Aug-85		NO3	48.9	10	0.5	High potential for Impacted Well
212	Osoyoos	WTN 14402	21-Sep-09	U		0.0026	0.02	0.0025	removed
213	Osoyoos	WTN 14402	20-Sep-07		U	0.0269	0.02	0.0025	High potential for Impacted Well
214	Osoyoos	WTN 14402	22-Sep-04		U	0.0278	0.02	0.0025	High potential for Impacted Well
215	Osoyoos	WTN 14402	11-Feb-06		U	0.0284	0.02	0.0025	High potential for Impacted Well
216	Osoyoos	WTN 14402	16-Oct-08		U	0.0304	0.02	0.0025	High potential for Impacted Well
217	Osoyoos	WTN 14602	10-Sep-97	Cl		98	250	7.0	removed
218	Osoyoos	WTN 14602	10-Sep-97	Na	Na	115	200	20	removed
219	Osoyoos	WTN 19166	9-Sep-97		Na	105	200	20	removed
220	Osoyoos	WTN 19166	10-Aug-92		NO2	0.238	n.a.	0.002	removed
221	Osoyoos	WTN 19166	25-Jul-89		SO4	177	500	40	High potential for Impacted Well
222	Osoyoos	WTN 19166	12-Aug-87		SO4	179	500	40	High potential for Impacted Well
223	Osoyoos	WTN 19166	5-Aug-86		SO4	186	500	40	High potential for Impacted Well
224	Osoyoos	WTN 19613	31-Oct-88	Ca	Ca	4.6	n.a.	90	removed
225	Osoyoos	WTN 19613	24-Jul-89	Cl	Cl	195	250	7.0	removed
226	Osoyoos	WTN 19613	31-Oct-88		Mn	0.77	0.05	0.001	removed - total metals levels sensitive to NTU
227	Osoyoos	WTN 22769	7-Sep-00		NH4	1.65	n.a.	0.005	removed
228	Osoyoos	WTN 93982	10-Sep-01	Conductance		8	n.a.	600	removed
229	Osoyoos	WTN 93982 S	11-Feb-91		Cl	152	250	7.0	removed
230	Osoyoos	WTN 93982 S	10-Sep-01		Conductance	8	n.a.	600	removed
231	Osoyoos	WTN 93982 S	23-Aug-95		Conductance	1340	n.a.	600	removed
232	Osoyoos	WTN 93982S	11-Feb-91	Cl		152	250	7.0	removed

Table 7
Water Quality Data Transformation Summary

No.	Network Site	Well Name	Sample Event Date	Outlier Identified		Value	GCDWQ	Background	Action / Comment
				Trial Plot	Histogram				
233	Osoyoos	WTN 93983	21-Aug-95	TDS	TDS	4	500	300	removed
234	Osoyoos	WTN 93984 D	12-Oct-89		As	0.3	0.01	0.001	removed
235	Osoyoos	WTN 93984 S	29-Jul-90		NO2	0.273	n.a.	0.002	removed
236	Osoyoos	WTN 93984D	20-Feb-06	As		0.05	0.01	0.001	removed
237	Osoyoos	WTN 93986	16-Mar-93		Mn	1.55	n.a.	0.001	removed - total metals levels sensitive to NTU
238	Osoyoos	WTN 93986	13-Aug-92	TDS	TDS	1590	500	300	removed
239	Osoyoos	WTN 93987	11-Feb-91	Alkalinity	Alkalinity	525	n.a.	200	removed
240	Osoyoos	WTN 93987	13-Sep-99	K		0.73	n.a.	4.0	removed
241	Osoyoos	WTN 93990	29-Aug-94		NO2	0.512	n.a.	0.002	removed
242	Osoyoos	WTN 93991 S	16-Mar-93		Fe	60.9	0.3	0.003	removed
243	Osoyoos	WTN 93991 S	16-Mar-93		Mn	18.1	0.05	0.001	removed - total metals levels sensitive to NTU
244	Osoyoos	WTN 93991 S	11-Feb-91		NO2	0.186	n.a.	0.002	removed
245	Osoyoos	WTN 93991S	16-Mar-93	Mn		18.1	0.05	0.001	removed
246	Osoyoos	WTN C	29-Jul-90		NO2	0.101	n.a.	0.002	removed
247	Osoyoos	WTN D	21-Mar-94		Alkalinity	413	n.a.	200	not removed - trend exists + severe fluctuation
248	Osoyoos	WTN D	22-Aug-95		Alkalinity	415	n.a.	200	not removed - trend exists + severe fluctuation
249	Osoyoos	WTN D	29-Jul-90		Alkalinity	435	n.a.	200	not removed - trend exists + severe fluctuation
250	Osoyoos	WTN D	12-Aug-92		Alkalinity	481	n.a.	200	not removed - trend exists + severe fluctuation
251	Osoyoos	WTN D	11-Feb-91		Alkalinity	501	n.a.	200	not removed - trend exists + severe fluctuation
252	Osoyoos	WTN D	29-Aug-94		As	0.14	0.01	0.001	removed - total metals levels sensitive to NTU
253	Osoyoos	WTN D	9-Aug-93		As	0.15	0.01	0.001	removed - total metals levels sensitive to NTU
254	Osoyoos	WTN D	21-Mar-94		Ca	226	n.a.	90	not visual outlier - not removed
255	Osoyoos	WTN D	22-Aug-95		Fe	43.9	0.3	0.003	removed - total metals levels sensitive to NTU
256	Osoyoos	WTN D	29-Aug-94		Fe	101	0.3	0.003	removed - total metals levels sensitive to NTU
257	Osoyoos	WTN D	9-Aug-93		Fe	165	0.3	0.003	removed - total metals levels sensitive to NTU
258	Osoyoos	WTN D	21-Mar-94		Fe	167	0.3	0.003	removed - total metals levels sensitive to NTU
259	Osoyoos	WTN D	22-Aug-95		Mn	1.09	0.05	0.001	removed - total metals levels sensitive to NTU
260	Osoyoos	WTN D	29-Aug-94		Mn	2.26	0.05	0.001	removed - total metals levels sensitive to NTU
261	Osoyoos	WTN D	9-Aug-93		Mn	3.04	0.05	0.001	removed - total metals levels sensitive to NTU
262	Osoyoos	WTN D	21-Mar-94		Mn	3.99	0.05	0.001	removed - total metals levels sensitive to NTU