

**CAMECO RESOURCES
CROW BUTTE OPERATION**



**86 Crow Butte Road
P.O. Box 169
Crawford, Nebraska 69339-0169**

**(308) 665-2215
(308) 665-2341 – FAX**

July 27, 2022

Attn: Document Control Desk, Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Quarterly Excursion Monitoring Report
Source Materials License No. SUA-1534, Docket No. 40-8943

Enclosed please find one copy of the Excursion Monitoring Report for the Crow Butte Uranium Project. The report is provided in accordance with License Condition 11.1(A) of Source Materials License SUA-1534. This report covers the Second Quarter of 2022.

If you have any questions concerning the report, please feel free to call me at (308) 665-2215 ext. 121.

Sincerely,

A handwritten signature in blue ink that reads "Tate Hagman".

Tate Hagman
Restoration Manager
CAMECO RESOURCES
CROW BUTTE OPERATION

cc: Deputy Director, Division of Decommissioning
Ron Burrows

CBO – File

cc: CR – Electronic File

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CROW BUTTE URANIUM PROJECT

**EXCURSION MONITORING
REPORT**

for

SECOND QUARTER, 2022

USNRC Source Materials License SUA 1534

**CAMECO RESOURCES
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Excursion Monitoring and Corrective Actions

There were no excursions during the second quarter of 2022.

Appendix A
Summary of
Weekly Excursion Indicator Parameter Values
Second Quarter, 2022

Submitted by:
Crow Butte Resources, Inc.
P.O. Box 169
Crawford, NE 69339

NRC
Excursion Monitoring Report
Quarter 1 of 2022

Submitted to:
Document Control Desk, Director
Office of Nuclear Material Safety &
Safeguards
U.S.Nuclear Regulatory Commission
Washington, DC 20555-0001

Permit No. NE0122611

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
BOW96-001	223	227	225	510	520	514	7.8	8.2	8.0
CM02-005	310	317	315	1851	1884	1872	180	186	182
CM02-006	298	302	300	1620	1669	1639	144	151	148.1
CM02-007	284	289	286	1520	1588	1544	133	142	136.1
CM03-005	296	300	298	1918	1931	1924	179	184	181
CM03-006	296	299	297	1912	1926	1921	179	183	181.3
CM04-001	305	310	307	1809	1835	1821	174	179	177.6
CM04-002	306	309	308	1836	1852	1841	176	181	179
CM04-003	302	305	304	1834	1847	1839	175	178	176.6
CM04-004	297	301	299	1818	1844	1832	173	177	174.9
CM05-001	302	306	304	1757	1787	1773	161	167	164.4
CM05-002	301	304	303	1828	1838	1833	173	179	176.7
CM05-003	306	308	307	1826	1837	1832	174	180	177.3
CM05-004	301	306	303	1824	1842	1833	175	179	177.1
CM05-005	302	305	304	1826	1844	1836	175	179	176.7
CM05-006	303	306	304	1832	1843	1837	175	178	176.7
CM05-007	303	305	304	1831	1843	1837	176	179	177.6
CM05-008	306	309	307	1851	1866	1859	176	180	178.1
CM05-009	302	306	304	1847	1863	1855	176	179	177.1
CM05-010	295	299	297	1869	1885	1877	174	178	176.7
CM05-011	307	310	309	1894	1911	1904	177	182	179
CM05-012	296	298	297	1863	1878	1874	176	181	178.3
CM05-013	294	296	295	1871	1894	1881	176	181	178.6
CM05-018	297	301	299	1876	1892	1887	179	182	180.3
CM05-019	307	310	309	1759	1784	1777	156	163	159.3

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
CM05-020	353	374	363	2102	2247	2171	200	215	206.7
CM05-021	300	304	302	1902	1918	1911	178	185	181.2
CM05-022	299	302	301	1907	1913	1910	179	184	180.8
CM05-023	292	296	295	1879	1905	1893	175	179	177.3
CM05-024	297	300	299	1904	1927	1915	175	180	178
CM05-025	294	296	295	1915	1925	1918	169	175	171.8
CM05-026	298	301	300	1924	1932	1928	179	183	180.7
CM05-027	300	303	301	1933	1940	1938	177	185	181.7
CM06-001	292	295	294	1845	1858	1849	174	177	175.4
CM06-002	296	299	298	1889	1904	1898	177	181	179
CM06-003	293	296	294	1891	1904	1899	176	179	177.9
CM06-004	296	298	297	1896	1904	1900	176	181	178.6
CM06-005	292	294	293	1909	1924	1918	177	182	179.6
CM06-006	296	299	298	1905	1917	1912	176	180	178.4
CM06-007	282	284	283	1931	1945	1939	177	182	180
CM06-008	291	295	293	1904	1922	1914	175	180	177.6
CM06-009	274	279	277	1872	1895	1887	164	167	165.8
CM06-010	294	299	297	1888	1908	1897	176	180	177.7
CM06-012	297	301	300	1886	1909	1898	179	184	180.7
CM06-013	299	303	301	1900	1909	1905	178	184	180.7
CM06-014	295	301	298	1890	1904	1898	177	182	179.3
CM06-015	296	299	297	1882	1906	1899	176	181	179
CM06-016A	294	297	295	1875	1900	1891	175	180	178.2
CM06-017	297	300	298	1883	1895	1892	176	180	178
CM06-018	298	303	301	1887	1898	1894	176	180	178.3
CM06-019	307	310	309	1874	1885	1880	175	181	178.3
CM06-025	300	303	302	1862	1876	1869	176	181	178.3
CM06-026	303	306	304	1857	1872	1864	177	181	178.3
CM06-028	317	319	317	1801	1816	1809	171	177	173.2

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
CM06-029	296	306	301	1871	1898	1883	173	185	178.2
CM06-030	310	316	313	1822	1830	1827	172	183	175.7
CM06-031	316	319	317	1838	1848	1841	174	185	177.2
CM06-032	317	321	319	1839	1846	1842	174	177	175.5
CM07-010	294	297	295	1855	1872	1866	180	185	182.1
CM07-011	289	293	291	1885	1900	1892	179	184	181.1
CM07-012	289	293	291	1897	1911	1902	179	185	182
CM07-013	292	296	294	1913	1932	1921	181	186	183.3
CM07-014	293	297	295	1920	1940	1926	180	185	182.7
CM07-015	298	301	299	1926	1943	1934	181	187	184.3
CM07-016	297	301	299	1927	1943	1932	180	185	183
CM08-001	292	296	294	1897	1913	1907	174	179	176.3
CM08-002	280	294	286	1885	1900	1893	175	178	176.5
CM08-003	289	311	299	1892	1959	1919	177	183	180.5
CM08-004	293	297	295	1873	1895	1883	178	182	179.7
CM08-005	286	290	289	1860	1884	1872	177	181	179
CM08-006	291	298	294	1874	1889	1882	177	182	179.2
CM08-007	313	324	318	1885	1935	1909	181	186	184
CM08-008	347	351	350	2007	2048	2036	195	202	199
CM08-009	313	315	314	1829	1855	1842	172	177	174.3
CM08-010	310	315	313	1809	1838	1820	172	177	174
CM08-011	312	314	313	1811	1829	1822	170	177	173.3
CM08-012	325	328	326	1852	1879	1866	175	179	177.5
CM08-019	315	317	316	1797	1811	1804	167	171	169.1
CM08-020	315	317	316	1787	1810	1801	167	173	170.4
CM08-021	317	319	318	1799	1812	1805	169	172	170.6
CM08-022	320	322	320	1800	1815	1807	166	173	170.4
CM08-026	315	318	316	1797	1810	1803	167	174	170.7
CM08-027	317	318	318	1811	1822	1815	168	173	170.8

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
CM08-028	319	321	320	1809	1823	1815	171	174	172.3
CM09-008	295	298	297	1762	1788	1781	168	174	171.7
CM09-009	299	304	302	1759	1775	1768	169	178	173.2
CM09-010	300	302	301	1745	1775	1761	171	176	172.8
CM09-011	300	303	302	1765	1785	1779	172	177	174.7
CM09-012	300	303	301	1776	1791	1787	173	178	175.9
CM09-013	295	297	296	1779	1791	1787	172	177	174.7
CM09-014	300	302	301	1796	1811	1806	176	181	178.4
CM09-015	300	302	301	1796	1809	1806	173	179	176.3
CM09-016	300	302	301	1795	1810	1806	174	180	177.4
CM09-017	298	302	301	1806	1817	1814	176	181	178.7
CM09-018	297	299	298	1805	1815	1812	175	180	178
CM09-019	298	300	299	1823	1830	1827	177	183	180.1
CM09-020	295	298	296	1837	1852	1848	180	185	181.6
CM10-001	314	317	315	1811	1826	1823	169	175	172.7
CM10-002	313	317	315	1811	1830	1820	169	175	171.5
CM10-003	315	318	316	1848	1862	1855	180	184	181.7
CM10-004	343	348	344	1956	2000	1972	192	203	196.7
CM10-005	327	332	328	1899	1915	1906	186	192	189.2
CM10-006	314	317	315	1809	1823	1816	168	174	170
CM10-007	314	318	316	1808	1822	1814	166	171	168.8
CM10-008	325	329	327	1858	1875	1866	174	179	176.9
CM10-009	315	317	316	1811	1826	1815	167	171	169.4
CM10-010	334	338	336	1860	1878	1869	174	180	176.4
CM10-011	325	328	326	1781	1790	1785	164	168	166
CM10-012	326	339	331	1757	1810	1782	164	174	168
CM10-013	340	344	342	1724	1730	1726	162	166	164.1
CM10-014	344	346	345	1710	1720	1716	162	165	162.7
CM10-015	329	332	330	1808	1818	1813	162	165	163.9

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
CM10-016	312	315	314	1826	1832	1830	159	163	161
CM10-017	323	328	325	1821	1834	1827	159	164	161.9
CM10-020	330	332	331	1814	1822	1817	163	168	166.6
CM10-021	319	321	319	1805	1813	1809	162	165	163.6
CM10-022	322	325	324	1807	1815	1810	161	164	162.4
CM10-023	324	326	325	1811	1821	1816	161	165	163.3
CM10-024	322	324	323	1816	1824	1821	163	169	166
CM10-025	322	325	323	1815	1823	1819	165	169	167.4
CM10-026	319	322	320	1807	1816	1811	166	168	167
CM10-027	316	318	317	1815	1824	1819	166	172	170
CM10-028	316	317	316	1806	1821	1813	165	172	169.9
CM10-029	316	319	318	1805	1821	1814	168	173	170.9
CM10-030	319	320	319	1809	1823	1817	167	173	171.6
CM10-031	315	317	316	1808	1820	1813	167	173	170.3
CM10-032	317	319	317	1830	1851	1843	158	162	160.7
CM10-033	341	345	343	1771	1785	1778	160	164	162.3
CM10-034	344	349	347	1741	1781	1754	161	167	163.7
CM11-001	298	300	299	1814	1835	1827	171	177	173.7
CM11-002A	297	298	298	1820	1835	1829	173	178	174.5
CM11-003	298	299	298	1816	1834	1827	169	174	171.7
CM11-004	291	300	298	1726	1832	1809	164	174	171
CM11-005	297	298	298	1801	1817	1810	170	176	172.3
CM11-006	299	303	302	1806	1830	1820	171	175	173
CM11-007	294	297	296	1803	1813	1810	169	174	170.8
CM11-008	302	304	303	1841	1855	1851	168	177	172.8
CM11-009	293	295	294	1800	1807	1804	167	172	168.5
CM11-010	296	298	297	1798	1805	1802	168	174	170.3
CM11-011	300	303	302	1805	1814	1810	168	174	170.8
CM11-012	297	300	299	1782	1822	1798	166	171	167.8

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
CM11-013	301	303	301	1760	1782	1773	166	174	170
CM11-014	300	302	301	1758	1775	1771	168	174	170.5
CM11-015	297	299	298	1759	1765	1763	169	172	170
CM11-016	299	301	301	1755	1762	1759	171	174	172.2
CM11-017	303	306	305	1762	1768	1766	171	174	172.5
CM11-018	305	308	306	1774	1778	1776	172	176	173.7
CM11-019	301	303	302	1766	1776	1772	171	176	172.8
IJ013P	316	320	318	1289	1306	1296	96	98	96.7
PR008	279	282	280	1198	1219	1209	91	95	93
PR015	257	261	259	1016	1026	1021	72	75	73.3
SM02-001	186	190	188	510	523	520	14	14	14
SM02-002	166	167	167	443	460	455	11	11	11
SM02-003	196	198	196	532	547	542	16	16	16
SM03-001	204	206	205	654	661	657	12	13	12.1
SM03-002	176	178	177	437	441	439	3.7	4	3.8
SM03-003	174	176	175	444	450	448	5.6	5.8	5.7
SM04-001	137	140	139	337	343	339	3.5	3.7	3.6
SM04-002	181	188	185	617	631	625	13	14	13.2
SM04-003	194	196	195	609	617	614	11	12	11.8
SM04-004	206	208	207	611	617	614	14	14	14
SM04-005A	195	198	196	525	536	530	11	12	11.8
SM04-006	265	282	270	634	654	645	13	26	14.9
SM04-007	171	174	173	497	501	500	16	16	16
SM04-008	275	285	280	648	683	666	12	20	13.6
SM04-009	262	270	265	637	643	640	12	15	12.9
SM04-010A	290	295	293	680	700	693	12	13	12.7
SM04-011A	280	302	289	658	684	678	11	27	17.6
SM05-001	229	230	230	575	596	589	12	12	12
SM05-002	189	192	191	439	451	444	5	5.3	5.2

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
SM05-003	224	227	225	567	584	579	12	12	12
SM05-004	207	208	208	540	555	550	15	16	15.4
SM05-005	233	236	235	585	595	591	11	11	11
SM05-006	207	209	208	556	573	566	13	13	13
SM05-007	209	213	211	555	569	563	9.9	10	10.0
SM05-008	205	207	206	544	553	549	13	13	13
SM05-009	204	207	205	543	546	545	11	12	11.8
SM05-010	207	210	209	546	549	548	10	11	10.3
SM05-011	215	219	217	566	569	568	10	11	10.8
SM05-012	210	214	212	552	556	554	10	11	10.2
SM05-013	198	202	200	538	543	541	12	12	12
SM05-014	182	183	183	479	487	482	8.2	8.8	8.5
SM05-015	201	204	202	538	542	541	12	13	12.2
SM05-016	180	184	182	444	449	447	4.9	5.4	5.2
SM05-017	165	169	166	408	413	410	1.6	2.3	2.0
SM05-018	169	172	171	422	424	423	2.8	3.2	3.0
SM05-019	182	186	184	474	479	476	4.4	4.6	4.5
SM05-020	179	182	180	488	491	490	5	5.3	5.2
SM05-021	176	180	178	450	455	453	4.7	4.8	4.8
SM05-022	181	184	183	461	465	463	3.7	4	3.8
SM05-023	181	184	182	457	460	458	3.4	3.8	3.6
SM05-024	168	172	170	431	435	433	5	5.2	5.1
SM05-025	169	172	171	452	458	455	6	6.3	6.2
SM06-001	209	214	211	531	543	535	7.3	8.2	7.7
SM06-002	206	209	207	543	553	547	11	11	11
SM06-003	200	203	202	527	536	533	9.3	9.9	9.5
SM06-004	208	212	211	525	534	528	8.4	9	8.7
SM06-005	208	211	210	506	514	509	6.6	7.1	6.9
SM06-006	222	224	223	466	475	472	3.4	3.7	3.6

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
SM06-007	221	223	222	490	499	495	7.1	7.3	7.1
SM06-008	205	208	206	496	506	502	9.8	10	10.0
SM06-009	218	221	220	477	489	481	6.3	7.1	6.6
SM06-010	200	204	202	479	494	487	8.2	8.7	8.5
SM06-011	210	212	211	505	510	507	13	13	13
SM06-012	232	233	233	506	512	509	7.4	7.7	7.6
SM06-013	238	240	239	503	508	506	5.6	6	5.8
SM06-014	205	207	206	538	541	539	11	12	11.5
SM06-015	206	209	207	527	529	528	10	10	10
SM06-016	208	209	209	442	447	445	4.2	4.6	4.5
SM06-017	233	236	234	476	485	482	3.8	4.3	4.0
SM06-018	198	201	200	541	546	544	15	16	15.8
SM06-019	205	207	206	489	496	493	11	11	11
SM06-020	206	209	208	494	498	496	11	12	11.8
SM06-021	213	216	215	514	524	518	12	12	12
SM06-022	206	208	207	473	479	475	8.8	9.1	9.0
SM06-023	235	245	240	524	544	532	8.7	9.4	9.1
SM06-024	232	234	233	519	524	521	7.4	7.7	7.6
SM06-025	213	215	214	515	522	518	12	12	12
SM06-026	204	205	204	471	476	474	8.8	9.2	9
SM06-027	218	222	220	496	501	498	8.8	9	8.9
SM06-028	264	267	266	599	604	601	9.1	9.5	9.2
SM07-001	185	189	187	463	478	469	5.3	6.3	5.6
SM07-002	165	167	166	399	401	400	3.1	3.5	3.4
SM07-003	171	174	172	431	435	433	4.1	4.5	4.3
SM07-004	163	167	165	396	398	397	3.3	3.6	3.5
SM07-005	167	169	168	422	425	424	4.2	4.4	4.4
SM07-006	152	156	154	361	364	362	3.4	3.8	3.5
SM07-007	166	170	169	422	425	424	4.1	4.4	4.2

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
SM07-008	166	170	169	467	477	472	8.1	8.4	8.2
SM07-009	168	171	170	418	424	421	4.6	4.8	4.7
SM07-010	166	168	167	432	434	433	3.7	4.4	3.9
SM07-011	140	143	142	337	340	338	2.9	3.1	3.0
SM07-012	165	169	167	435	439	437	3.1	3.5	3.4
SM07-013	148	152	150	357	360	358	4.3	4.5	4.4
SM07-014	134	138	136	332	335	333	4.5	5	4.8
SM07-015	136	139	137	320	323	321	2.8	3	2.9
SM07-016	137	141	139	327	330	329	3.2	3.7	3.5
SM07-017	152	156	155	351	353	353	2.6	2.8	2.7
SM07-018	136	140	138	336	339	337	2.9	3.1	3
SM07-019	139	144	142	344	346	345	3.6	3.9	3.8
SM07-020	145	148	147	337	340	338	1.3	2.1	1.8
SM07-021	142	146	145	335	337	336	1.3	2.2	2.0
SM07-022	146	150	148	337	340	339	2.3	2.9	2.5
SM07-023	175	177	176	444	448	446	3.8	4.2	4.0
SM07-024	184	188	186	554	561	557	7.1	7.3	7.2
SM07-025	154	157	156	357	360	359	2.9	3.7	3.5
SM08-001	233	236	235	500	503	501	6.5	6.8	6.7
SM08-002	236	238	237	500	505	503	5.4	5.9	5.6
SM08-003	228	230	229	502	506	505	7.1	8.1	7.7
SM08-004	220	221	221	504	507	506	9.8	10	9.9
SM08-005	237	241	239	529	539	534	8.2	8.7	8.5
SM08-006	240	246	242	554	573	561	8.8	9.3	9.0
SM08-007	241	244	242	546	556	552	8.6	9	8.7
SM08-008	238	240	239	504	509	507	5.7	6.2	5.9
SM08-009	236	239	237	502	506	504	5.8	6.3	6
SM08-010	232	236	234	539	547	542	9.3	9.5	9.4
SM08-011	230	233	231	531	533	532	8.8	9	8.9

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
SM08-012	235	240	237	555	567	559	11	11	11
SM08-013	229	233	231	546	549	547	12	13	12.8
SM08-014	229	232	230	539	544	541	10	11	10.7
SM08-015	221	224	222	520	527	523	8.6	9.1	8.9
SM08-016	224	228	226	535	541	538	9	9.1	9.0
SM08-017	241	243	242	569	580	575	9.5	9.7	9.6
SM08-018	242	246	243	569	577	573	10	11	10.6
SM08-019	238	241	239	549	560	554	9	9.2	9.1
SM08-020	224	227	225	534	545	539	8.7	9.1	8.9
SM08-021	222	225	223	526	534	530	9.2	9.4	9.3
SM08-022	227	231	229	543	551	547	8.8	9.2	9.0
SM08-023	222	225	223	528	536	532	9.1	9.4	9.2
SM08-024	221	225	223	530	537	534	9.5	9.9	9.7
SM08-025	240	243	241	571	582	577	9.2	9.5	9.4
SM08-026	221	224	223	512	519	516	8.8	9.7	9.4
SM08-027	223	228	225	501	507	503	8.1	8.4	8.2
SM08-028	227	231	229	520	535	528	7.8	8.2	8.1
SM08-029	255	258	257	588	595	592	9.7	10	10.0
SM08-030	220	223	222	504	516	511	8.9	9.4	9.1
SM08-031	236	238	237	516	522	520	6.9	7.2	7.0
SM09-001	168	171	169	410	423	417	4	4.6	4.3
SM09-002	161	163	161	371	379	374	2.9	3.3	3.1
SM09-003	158	160	159	373	379	374	1.4	3.1	2.7
SM09-004	146	149	147	355	363	358	4	4.2	4.1
SM09-005	140	143	142	309	318	312	2.6	3.4	3.1
SM09-006	138	143	140	298	303	300	1.5	1.8	1.6
SM09-007	160	164	162	389	396	392	3	3.4	3.3
SM09-008	161	165	163	385	392	388	2.3	2.8	2.6
SM09-009	151	153	152	361	365	362	2.8	3.1	3.0

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
SM09-010	143	147	145	341	345	343	3.4	3.7	3.5
SM09-011	146	149	147	344	349	346	2.3	2.7	2.5
SM09-012	160	163	162	387	393	389	2.5	2.8	2.6
SM09-013	141	143	142	326	332	328	3.5	3.7	3.6
SM09-014	138	141	140	313	318	315	1.5	2	1.8
SM09-015	138	141	140	315	320	317	1.8	2.5	2.2
SM09-016	139	143	141	296	301	298	1.2	1.8	1.4
SM09-017	139	142	140	315	318	316	2.8	3	2.9
SM09-018	141	145	143	318	322	320	1.2	1.9	1.6
SM09-019	134	137	136	305	309	307	2.9	3.5	3.1
SM09-020	136	139	138	303	306	305	1.6	2.2	1.9
SM10-001	320	324	322	727	739	734	13	14	13.5
SM10-002	233	236	235	532	542	538	8.6	8.9	8.8
SM10-003	251	254	252	555	565	560	8	8.6	8.4
SM10-004	240	244	242	531	539	535	7.3	7.6	7.5
SM10-005	240	243	241	525	535	531	7.1	7.5	7.2
SM10-006	320	330	325	735	767	752	13	14	13.8
SM10-007	302	305	303	703	726	718	14	14	14
SM10-008	276	284	281	637	658	647	12	12	12
SM10-009	252	255	254	564	581	575	9.5	10	9.8
SM10-010	240	243	242	534	545	539	8.2	8.5	8.3
SM10-011	264	271	267	618	640	626	11	11	11
SM10-012	271	276	274	630	650	641	11	12	11.7
SM10-013	236	243	238	541	557	546	8.8	9.4	9.1
SM10-014A	246	251	248	566	580	574	9.7	9.9	9.8
SM10-015	239	242	240	543	553	547	9	9.3	9.1
SM10-016	253	257	254	592	597	594	13	13	13
SM10-017	244	246	245	554	564	561	11	12	11.9
SM10-018	239	241	240	530	539	535	7.9	8.4	8.3

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
SM10-019	253	256	254	569	574	571	9	9.5	9.3
SM10-020	232	235	233	570	576	572	19	21	19.9
SM10-021	239	241	240	582	588	585	17	18	17.4
SM10-022	245	247	246	557	566	561	11	11	11
SM10-023	235	237	236	558	564	561	15	15	15
SM10-024	229	231	230	542	550	547	12	13	12.6
SM10-025	225	228	226	537	546	541	12	12	12
SM10-026	244	246	245	582	588	585	15	16	15.6
SM10-027	250	258	253	555	577	568	8.7	9.9	9.1
SM10-028A	233	238	235	631	648	639	30	31	30.4
SM10-029A	264	271	266	611	617	613	13	13	13
SM10-030	238	241	239	530	540	535	7.3	7.8	7.6
SM10-031	240	243	241	546	559	553	8.3	8.9	8.5
SM10-032	240	243	242	539	548	544	7.5	7.9	7.7
SM11-001	162	165	164	398	405	401	4.5	4.7	4.6
SM11-002	137	140	139	312	320	317	3.2	3.6	3.5
SM11-003	142	146	144	321	332	327	1.2	2.6	2.1
SM11-004	139	141	140	301	307	303	1.4	2	1.8
SM11-005	137	140	139	314	320	316	3.6	3.8	3.7
SM11-006	137	140	138	301	308	304	2.6	2.9	2.8
SM11-007	141	143	142	300	303	302	2.5	2.8	2.7
SM11-009	150	152	151	301	305	303	1	1.7	1.3
SM11-010	155	157	156	312	316	314	1.1	2.8	2.0
SM11-011	143	144	143	340	342	341	3.4	3.6	3.5
SM11-012	144	146	145	323	326	325	2.4	2.8	2.7
SM11-013	139	142	141	288	291	289	1.2	1.9	1.4
SM11-014	135	138	137	281	284	283	1.2	1.9	1.6
SM11-015	136	138	137	298	301	300	1.3	2.5	2
SM11-016	142	144	144	302	305	303	2.3	3.1	3.0

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
SM11-017	140	142	142	290	293	291	2.3	2.7	2.5
SM11-018	138	140	140	301	304	302	3.3	3.6	3.4
SM11-019	140	142	141	312	314	313	1.4	1.9	1.6
SM11-020	160	163	161	402	404	403	5.3	6	5.6
SM11-022	164	167	166	453	458	455	7	7.4	7.2
SM11-023	165	166	166	391	394	392	3.4	3.7	3.6
SM11-024	153	157	156	397	403	400	4.1	4.5	4.3
SM11-025	161	162	161	405	411	407	2.8	3	2.9
SM11-026	146	149	148	344	347	345	2.6	2.9	2.8