CAMECO RESOURCES
CROW BUTTE OPERATION

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

(308) 665-2215
(308) 665-2341 – FAX

January 7, 2021

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

Dear Sir or Madam:

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 fourth quarter of 2020.

If you have any questions concerning the report, please feel free to call me at (308) 665-2215 ext. 117.

Sincerely,
CAMECO RESOURCES
CROW BUTTE OPERATION

Walter D. Nelson
SHEQ Coordinator

cc: Deputy Director, Division of Decommissioning
Uranium Recovery and Waste Programs
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Mail Stop T5A10
11545 Rockville Pike
Two White Flint North
Rockville, MD 20852-2738

CBO – File

ec: CR – Electronic File

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CROW BUTTE URANIUM PROJECT

EXCURSION MONITORING REPORT

for

FOURTH QUARTER, 2020

USNRC Source Materials License SUA 1534

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Excursion Monitoring and Corrective Actions

There were no excursions during the fourth quarter of 2020.

Appendix A

Summary of

Weekly Excursion Indicator Parameter Values

Fourth Quarter, 2020

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

License No. SUA-153

NRC
Excursion Monitoring Report
Quarter 4 of 2020

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

Well ID	Alkalinity			Conductivity			Chloride		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
BOW96-001	221	230	227	518	531	523	7.3	7.8	7.6
CM02-005	329	336	333	1979	2020	2001	189	199	194 6
CM02-006	300	308	303	1557	1614	1581	136	144	139.9
CM02-007	290	296	293	1581	1599	1591	135	140	137.5
CM03-005	298	302	300	1944	1953	1949	184	187	185.2
CM03-006	301	306	303	1945	1970	1959	184	190	187.2
CM04-001	305	311	309	1836	1852	1843	174	180	177.4
CM04-002	306	310	309	1863	1875	1868	177	187	179.9
CM04-003	303	308	306	1856	1867	1863	173	181	176 4
CM04-004	302	307	304	1850	1870	1863	174	181	175.8
CM05-001	297	308	303	1746	1776	1763	161	166	163.1
CM05-002	300	308	305	1850	1868	1861	176	180	178
CM05-003	304	311	308	1850	1867	1862	177	182	179.6
CM05-004	306	313	310	1864	1874	1868	176	182	179.3
CM05-005	303	308	306	1856	1870	1864	173	181	176.6
CM05-006	302	307	305	1854	1871	1865	176	179	178.1
CM05-007	301	306	305	1860	1866	1864	176	181	178.3
CM05-008	305	309	308	1871	1885	1878	177	179	178
CM05-009	299	304	303	1862	1874	1869	173	182	177.4
CM05-010	288	296	291	1896	1913	1904	170	178	174
CM05-011	307	312	310	1919	1925	1923	176	181	178.7
CM05-012	296	302	299	1900	1911	1905	179	189	182 9
CM05-013	289	294	292	1879	1893	1889	174	184	178.9
CM05-018	297	305	301	1916	1929	1924	183	186	184.5
CM05-019	310	316	313	1752	1793	1768	155	161	157.3
CM05-020	310	320	317	1730	1849	1785	155	167	159.7
CM05-021	301	305	303	1917	1934	1929	180	187	182.7

CM05-022	300	303	302	1922	1936	1932	180	184	182
CM05-023	296	299	298	1917	1927	1921	179	182	180 2
CM05-024	299	303	302	1933	1947	1943	180	185	182.2
CM05-025	295	299	298	1942	1948	1946	170	177	174.2
CM05-026	300	303	302	1940	1956	1949	182	186	183.3
CM05-027	301	304	302	1952	1962	1957	181	188	184.7
CM06-001	288	296	292	1850	1877	1861	173	180	176
CM06-002	296	301	299	1914	1924	1921	175	183	179.7
CM06-003	295	300	298	1924	1932	1930	174	185	178.9
CM06-004	293	300	297	1925	1934	1929	177	181	179.3
CM06-005	291	297	293	1948	1954	1951	177	184	179 6
CM06-006	293	303	298	1935	1942	1938	175	185	180
CM06-007	280	284	282	1874	1976	1956	177	183	179.6
CM06-008	292	298	295	1935	1942	1937	173	183	178
CM06-009	282	287	285	1904	1936	1922	171	183	175.3
CM06-010	290	295	293	1927	1947	1939	176	182	179.3
CM06-012	300	305	303	1930	1936	1934	181	184	182.7
CM06-013	299	303	301	1924	1940	1933	181	186	182.7
CM06-014	292	299	296	1923	1929	1926	177	179	178.2
CM06-015	295	303	299	1932	1939	1935	178	182	179.2
CM06-016A	291	301	298	1923	1935	1931	176	180	177.8
CM06-017	303	308	306	1922	1924	1923	178	184	180.5
CM06-018	305	309	307	1913	1921	1917	178	182	180
CM06-019	310	313	311	1901	1914	1910	178	184	180.8
CM06-025	303	309	306	1887	1917	1905	178	186	182.6
CM06-026	303	306	305	1886	1897	1893	178	187	182.9
CM06-028	318	321	320	1831	1838	1835	172	178	174.7
CM06-029	308	324	316	1727	1853	1797	152	168	161 3
CM06-030	313	319	317	1831	1857	1850	173	179	175.3
CM06-031	316	320	318	1866	1873	1870	173	180	176.6
CM06-032	315	319	317	1882	1888	1885	176	181	178 4
CM07-010	293	301	298	1894	1908	1900	183	186	184 9

CM07-011	289	296	294	1909	1920	1915	180	190	183.9
CM07-012	291	296	295	1908	1924	1918	179	186	183.5
CM07-013	290	293	292	1933	1941	1938	178	188	182.5
CM07-014	292	297	294	1950	1962	1957	179	188	182.1
CM07-015	297	303	301	1950	1956	1953	182	193	185.8
CM07-016	300	307	304	1951	1971	1963	181	189	184.8
CM08-001	288	292	290	1930	1954	1945	174	182	177.5
CM08-002	282	289	285	1913	1934	1925	175	181	177.5
CM08-003	294	300	297	1940	1958	1949	178	184	180.7
CM08-004	295	298	297	1912	1927	1922	177	183	179 7
CM08-005	288	291	289	1893	1916	1907	175	183	177.8
CM08-006	298	303	300	1902	1924	1918	178	183	179.8
CM08-007	310	317	314	1927	1939	1934	179	186	182 2
CM08-008	338	345	341	2002	2045	2031	188	199	193.3
CM08-009	314	319	316	1854	1876	1870	171	179	174.2
CM08-010	313	315	314	1853	1873	1863	175	180	177.5
CM08-011	314	315	315	1852	1867	1862	171	176	173.3
CM08-012	326	329	328	1888	1913	1904	174	179	176
CM08-019	315	319	317	1825	1837	1833	171	180	173.3
CM08-020	315	322	318	1821	1834	1827	168	175	172.4
CM08-021	317	321	319	1828	1840	1834	167	174	171 9
CM08-022	319	324	322	1833	1843	1838	169	174	171.7
CM08-026	314	321	318	1827	1839	1832	171	176	172.6
CM08-027	317	321	319	1837	1850	1843	171	174	172.6
CM08-028	318	323	321	1834	1844	1839	170	174	172.1
CM09-008	296	302	299	1802	1811	1807	174	181	176.5
CM09-009	301	305	304	1793	1802	1798	173	178	176
CM09-010	304	305	304	1785	1790	1787	172	179	176
CM09-011	301	307	305	1802	1810	1806	176	182	178.3
CM09-012	299	305	303	1807	1819	1814	176	182	179.3
CM09-013	295	301	299	1816	1821	1818	174	180	177.3
CM09-014	300	305	303	1823	1840	1835	179	185	181.9
CM09-015	300	306	303	1832	1837	1835	176	181	178.6

CM09-016	301	307	305	1834	1855	1840	177	182	179.9
CM09-017	301	304	303	1837	1846	1842	177	183	180
CM09-018	298	304	301	1836	1842	1838	178	180	178.7
CM09-019	297	303	301	1845	1853	1851	177	183	180.1
CM09-020	295	300	298	1865	1874	1870	179	186	182.6
CM10-001	316	320	318	1860	1873	1868	169	175	172 3
CM10-002	317	319	318	1852	1870	1865	170	177	173 3
CM10-003	312	319	315	1863	1873	1870	174	178	175.8
CM10-004	338	355	348	1982	2063	2026	193	205	199.5
CM10-005	329	335	333	1959	1976	1967	191	197	193.8
CM10-006	315	319	318	1839	1856	1850	170	174	171 7
CM10-007	316	322	319	1835	1855	1850	167	174	170.5
CM10-008	316	326	323	1862	1875	1870	173	186	179
CM10-009	316	324	319	1835	1854	1845	170	175	172.4
CM10-010	336	339	338	1885	1917	1904	178	185	180 9
CM10-011	326	332	330	1800	1812	1808	165	171	167 4
CM10-012	345	354	351	1869	1882	1875	174	179	176
CM10-013	342	347	345	1727	1752	1740	162	166	164 1
CM10-014	355	360	357	1793	1812	1804	169	175	171.3
CM10-015	329	335	333	1827	1846	1835	165	170	167
CM10-016	309	316	313	1849	1866	1858	160	166	163.4
CM10-017	322	330	326	1854	1875	1863	163	169	166 1
CM10-020	336	346	341	1863	1914	1890	170	181	174.9
CM10-021	318	326	322	1824	1835	1830	162	169	165
CM10-022	322	326	324	1824	1840	1832	162	166	164.1
CM10-023	321	329	326	1834	1845	1839	164	168	165.9
CM10-024	318	326	324	1842	1849	1845	165	169	167.1
CM10-025	319	326	323	1838	1844	1840	166	173	168 3
CM10-026	316	323	321	1826	1833	1830	164	171	167.1
CM10-027	313	319	317	1838	1844	1841	169	173	170 6
CM10-028	315	320	318	1835	1850	1844	171	175	173.3
CM10-029	316	322	319	1842	1852	1846	169	178	172.9

CM10-030	317	323	321	1833	1852	1845	170	178	173.3
CM10-031	315	318	317	1833	1846	1839	169	175	171.7
CM10-032	314	319	318	1859	1867	1865	159	163	161
CM10-033	346	355	348	1784	1800	1788	162	166	163.9
CM10-034	349	354	352	1801	1823	1815	162	169	166.9
CM11-001	299	304	302	1844	1876	1861	176	183	179.2
CM11-002A	299	302	301	1844	1867	1860	177	182	179.7
CM11-003	298	311	303	1848	1892	1864	173	178	175.5
CM11-004	298	303	301	1836	1854	1849	173	177	175 3
CM11-005	297	303	300	1819	1843	1836	173	178	175.3
CM11-006	298	319	303	1826	1896	1846	172	182	176.2
CM11-007	295	299	298	1820	1838	1834	170	177	173
CM11-008	303	307	306	1866	1879	1874	173	179	175.8
CM11-009	294	300	298	1822	1836	1830	170	174	172 2
CM11-010	296	301	299	1810	1836	1827	168	177	173 7
CM11-011	303	309	306	1827	1845	1837	173	178	175.5
CM11-012	297	302	301	1801	1823	1816	169	175	172.2
CM11-013	302	305	304	1786	1805	1801	172	179	174 7
CM11-014	301	304	303	1790	1802	1799	172	179	175
CM11-015	298	301	300	1778	1796	1787	170	180	174.8
CM11-016	301	304	303	1781	1799	1787	170	180	175 2
CM11-017	302	308	306	1786	1790	1788	169	180	174.5
CM11-018	305	308	307	1790	1800	1797	172	179	174 7
CM11-019	301	306	304	1794	1801	1797	172	177	174.5
LM13P	310	314	312	1251	1283	1268	93	99	94.8
PR008	295	318	307	1313	1387	1335	100	106	103.5
PR015	260	268	265	1042	1062	1050	74	85	78.4
SM02-001	185	190	188	522	530	526	14	14	14
SM02-002	164	169	167	457	463	460	11	11	11
SM02-003	194	199	197	543	550	546	15	15	15
SM03-001	203	207	205	659	668	664	12	12	12
SM03-002	174	179	177	438	446	443	3.5	4.1	3.7
SM03-003	172	177	175	448	454	452	5.4	5.7	5.6

SM04-001	145	161	156	352	360	357	3.3	5	4.5
SM04-002	187	192	190	635	642	639	12	13	12.7
SM04-003	174	182	180	603	611	608	12	20	13.7
SM04-004	204	209	207	618	625	621	13	14	13.8
SM04-005A	192	198	196	533	538	535	11	12	11.3
SM04-006	268	286	273	646	658	652	2.3	28	14.0
SM04-007	169	194	176	487	504	498	17	30	19.1
SM04-008	278	288	285	676	689	683	12	12	12
SM04-009	264	280	272	627	645	635	2	16	8.9
SM04-010A	293	305	298	689	707	701	2.1	23	11.2
SM04-011A	283	293	290	680	697	693	4	13	10.5
SM05-001	228	233	231	589	601	597	12	12	12
SM05-002	189	193	191	445	451	448	5	5.7	5.3
SM05-003	222	227	225	578	588	583	12	12	12
SM05-004	206	210	208	551	562	557	15	16	15.3
SM05-005	232	238	235	589	600	595	11	11	11
SM05-006	206	213	209	564	575	570	12	13	12.7
SM05-007	208	213	211	563	572	567	9.7	10	9.9
SM05-008	204	208	206	547	557	553	12	13	12.1
SM05-009	204	207	206	541	550	545	11	12	11 3
SM05-010	207	210	209	545	557	552	11	11	11
SM05-011	212	216	215	558	575	567	10	10	10
SM05-012	209	211	210	552	560	556	10	10	10
SM05-013	199	202	201	538	550	544	12	12	12
SM05-014	180	182	181	476	483	480	7.8	8.1	8.0
SM05-015	202	205	203	539	547	543	12	12	12
SM05-016	182	183	183	446	452	449	5	5.4	5.2
SM05-017	165	167	167	407	416	411	1.8	2.5	2.3
SM05-018	170	172	171	421	428	424	2.2	3	2.8
SM05-019	183	184	184	472	481	476	4.3	4.7	4 5
SM05-020	179	182	180	482	491	486	5	5.3	5.1
SM05-021	177	179	178	451	458	455	4.6	4.9	4.8

SM05-022	182	185	183	458	467	463	3.6	4	3.8
SM05-023	181	184	182	456	463	459	3.5	3.6	3.6
SM05-024	170	172	171	428	437	433	4.8	5.1	4.9
SM05-025	169	173	171	447	459	454	5.9	6.3	6.1
SM06-001	207	217	212	535	550	541	6.9	9.1	7.9
SM06-002	204	209	207	541	549	545	10	11	10.1
SM06-003	199	204	202	532	542	537	9.3	10	9.5
SM06-004	214	225	222	536	571	557	9.1	11	9.9
SM06-005	208	213	211	511	523	517	6.8	8.1	7.4
SM06-006	221	227	224	473	477	475	3.4	3.6	3.5
SM06-007	220	226	223	495	500	497	6.7	7.1	6.9
SM06-008	205	212	209	501	510	506	9.6	9.8	9.7
SM06-009	220	225	223	487	494	491	6.5	6.9	6.6
SM06-010	203	213	207	491	524	510	8.3	9.8	9.0
SM06-011	211	216	214	528	532	530	13	14	13.8
SM06-012	232	235	234	517	521	519	7.6	8.2	7.9
SM06-013	207	246	238	450	521	506	5.9	7.4	6.2
SM06-014	204	208	206	541	549	545	12	12	12
SM06-015	207	208	208	530	534	533	10	10	10
SM06-016	208	212	210	445	450	448	4.2	4.4	4.3
SM06-017	231	238	235	481	487	485	3.8	4.2	4
SM06-018	199	201	200	544	548	547	15	15	15
SM06-019	207	210	209	498	501	499	10	11	10.5
SM06-020	209	212	211	516	521	518	12	13	12.3
SM06-021	217	221	219	536	541	539	12	13	12.8
SM06-022	207	209	208	475	480	479	8.2	8.3	8.3
SM06-023	241	247	244	527	542	535	7.7	8.2	7.8
SM06-024	237	246	241	544	548	547	7.7	8.4	8.0
SM06-025	215	219	217	538	543	540	13	13	13
SM06-026	201	207	204	475	483	479	8.1	8.8	8.6
SM06-027	223	227	225	509	516	513	8.4	8.9	8.6
SM06-028	270	277	274	628	634	631	9.8	10	10.0
SM07-001	167	191	185	417	483	466	3.4	6.1	5.2

SM97-002	163	169	167	400	405	403	3.1	3.6	3.3
SM97-003	169	177	173	431	445	437	4	4.6	4.3
SM97-004	162	167	165	396	401	399	3.1	3.5	3.3
SM97-005	165	171	168	421	428	425	3.9	4.5	4.2
SM97-006	152	157	155	361	370	364	2.5	3.3	2.9
SM97-007	166	171	169	426	430	428	4.1	4.5	4.3
SM97-008	165	171	168	471	478	475	8.1	8.4	8.2
SM97-009	166	171	169	418	424	422	4.3	4.7	4.5
SM97-010	164	171	168	431	437	434	3.6	4.1	3.9
SM97-011	141	144	143	340	343	341	2.9	3.4	3.1
SM97-012	164	169	167	437	442	440	3.2	3.7	3.4
SM97-013	148	153	151	362	366	364	4.1	4.7	4.3
SM97-014	133	138	136	332	336	334	4	4.6	4.3
SM97-015	136	141	139	321	326	324	2.6	3	2.8
SM97-016	137	141	139	326	335	330	2.7	3.4	3.2
SM97-017	175	182	179	401	427	415	4.2	5.2	4.8
SM97-018	136	141	138	329	342	334	2.8	3.1	3.0
SM97-019	138	143	141	340	347	345	3.5	3.9	3 7
SM97-020	143	148	146	329	341	338	1.8	2	2.0
SM97-021	141	145	143	332	341	338	2.4	2.8	2.6
SM97-022	144	149	147	333	341	339	2.4	2.7	2.6
SM97-023	174	179	177	447	452	450	3.8	4.2	4.0
SM97-024	181	188	185	482	580	554	4.7	7.4	6.7
SM97-025	153	158	156	355	361	359	3.5	3.8	3.6
SM98-001	234	237	235	509	514	511	7	7.2	7.2
SM98-002	240	243	241	517	520	518	5.7	6	5.9
SM98-003	231	233	232	513	516	514	7.6	7.9	7.8
SM98-004	222	224	223	520	526	522	10	11	10.3
SM98-005	242	245	244	546	554	551	8.5	8.8	8.6
SM98-006	240	247	244	550	569	559	8.8	9.3	9 0
SM98-007	244	247	246	561	571	568	9.2	9.6	9.4
SM98-008	241	243	242	515	524	520	6.2	6.5	6.4

SM08-009	239	242	240	518	524	521	6.1	6.8	6 4
SM08-010	237	238	238	541	553	548	8.5	8.9	8 8
SM08-011	234	237	236	542	550	545	8.5	8.9	8.8
SM08-012	244	249	247	652	674	662	24	27	25.3
SM08-013	229	232	231	541	554	548	11	13	11 8
SM08-014	233	237	235	545	557	552	9.9	11	10.1
SM08-015	225	229	227	534	547	542	8.5	8.9	8.8
SM08-016	231	237	235	568	583	576	8.8	9.1	9.0
SM08-017	241	247	245	577	589	582	9.3	9.6	9.4
SM08-018	235	240	238	563	574	567	10	11	10.1
SM08-019	237	244	242	553	573	565	8.8	9.2	9.0
SM08-020	228	233	231	562	571	565	8.6	9.1	8.8
SM08-021	226	233	229	550	554	551	8.8	9.2	8.9
SM08-022	236	250	243	589	615	600	8.9	9.8	9.3
SM08-023	227	232	229	543	553	549	8.7	9.2	9.0
SM08-024	223	229	226	540	550	544	9.3	9.6	9.5
SM08-025	250	259	254	621	643	631	9.2	11	10.2
SM08-026	220	226	223	521	530	525	9.4	9.7	9 5
SM08-027	223	228	225	500	511	505	7.2	7.4	7.4
SM08-028	231	238	234	523	535	529	7.3	7.7	7.6
SM08-029	265	273	269	634	666	644	11	13	11.4
SM08-030	211	220	215	497	503	500	9.3	9.7	9.5
SM08-031	234	239	237	516	527	522	6.5	6.9	6.7
SM09-001	167	169	168	411	419	415	3.6	4	3.8
SM09-002	158	163	161	375	380	379	2	3.4	3.0
SM09-003	158	162	160	382	387	385	3.4	3.7	3.6
SM09-004	144	148	147	361	365	363	4	4.2	4.1
SM09-005	142	146	144	317	322	319	2.5	3	2.8
SM09-006	137	141	139	301	304	302	1.8	2.3	2.1
SM09-007	159	164	162	394	396	395	3.2	3.4	3.3
SM09-008	159	164	162	388	392	389	2.4	2.9	2.7
SM09-009	149	153	152	363	366	364	2.8	3.3	3.1
SM09-010	142	146	145	343	346	343	2.5	3.2	3.1

SM09-011	145	152	148	348	357	350	2.2	2.8	2.4
SM09-012	159	163	162	390	395	392	2.2	3	2.7
SM09-013	140	144	142	329	333	332	3.3	3.6	3.5
SM09-014	137	141	139	315	318	316	1.4	2.3	1.8
SM09-015	137	141	139	314	317	316	1.9	2.2	2.1
SM09-016	138	143	141	298	302	300	1.3	2	1.6
SM09-017	139	142	141	316	321	318	2.4	3	2.7
SM09-018	140	144	143	319	322	320	1.4	2.1	1.8
SM09-019	134	138	136	306	309	307	2.8	3.3	2.9
SM09-020	136	140	138	308	310	308	1.7	2.3	2.0
SM10-001	306	316	312	706	741	726	14	14	14
SM10-002	228	232	230	522	541	532	7.9	8.3	8.1
SM10-003	249	258	255	558	565	563	7.3	7.5	7.4
SM10-004	238	246	243	532	539	536	6.8	7	6.8
SM10-005	236	243	241	529	535	533	6.7	7.1	7.0
SM10-006	290	325	312	663	738	707	11	13	11.8
SM10-007	290	306	298	668	715	688	12	13	12.3
SM10-008	250	266	260	580	630	605	10	11	10.5
SM10-009	236	248	242	542	560	547	7.9	9	8.3
SM10-010	236	242	240	535	545	541	7.8	8.1	8.0
SM10-011	244	251	249	579	591	585	9.6	10	9.8
SM10-012	259	264	262	605	614	611	10	11	10.3
SM10-013	232	239	237	542	550	548	8.7	9.1	8.9
SM10-014A	243	249	247	571	579	575	9.5	10	9.8
SM10-015	237	242	240	549	555	552	8.9	9.3	9.1
SM10-016	252	257	254	602	607	604	12	14	13.1
SM10-017	242	248	245	566	574	569	11	13	12
SM10-018	240	246	243	546	556	551	8.4	9.8	9.0
SM10-019	253	258	256	578	587	582	9.2	10	9.5
SM10-020	230	235	233	573	583	580	19	21	20.1
SM10-021	237	241	239	592	598	595	18	19	18.4
SM10-022	242	247	245	566	570	568	12	12	12

SM10-023	234	239	236	560	572	567	15	15	15
SM10-024	225	229	228	553	568	562	13	15	14.1
SM10-025	223	229	227	537	548	543	11	12	11 9
SM10-026	243	248	245	585	596	591	15	16	15 4
SM10-027	235	296	264	518	688	586	8.9	17	10.7
SM10-028A	228	230	229	608	633	620	28	29	28.3
SM10-029A	248	267	262	585	616	609	13	14	13.3
SM10-030	236	242	240	535	544	540	7.3	7.6	7.5
SM10-031	240	245	243	547	565	556	7.5	8.2	7.8
SM10-032	239	246	243	533	547	540	6.2	7.3	6.7
SM11-001	160	165	162	402	407	405	4.5	4.9	4.7
SM11-002	138	144	140	318	322	319	2.8	3.6	3.2
SM11-003	141	145	144	324	330	327	2.1	2.4	2.3
SM11-004	137	142	140	304	308	306	1.8	2.5	2.1
SM11-005	136	141	139	317	322	320	3.5	4.5	4.1
SM11-006	136	140	138	305	310	308	2.5	3.5	3.2
SM11-007	140	143	142	303	306	304	2.1	2.7	2.5
SM11-009	150	153	152	305	308	307	1	1.5	1.2
SM11-010	156	158	157	316	321	319	1.7	2.3	2
SM11-011	141	146	144	342	347	345	3.3	3.7	3.5
SM11-012	142	147	145	326	330	329	2.7	3	2 8
SM11-013	139	143	141	294	295	295	1.2	2.1	1.4
SM11-014	134	138	137	288	290	290	1.4	1.9	1.7
SM11-015	135	139	137	303	305	305	2.1	2.7	2.3
SM11-016	140	145	143	299	305	303	2.7	2.8	2.7
SM11-017	139	144	142	291	296	294	2.4	2.7	2.5
SM11-018	137	141	139	300	305	303	3.6	4.3	3.8
SM11-019	138	143	140	309	314	312	1.2	1.7	1.5
SM11-020	159	163	161	403	410	406	5.5	5.9	5.7
SM11-022	163	169	166	455	461	458	6.6	7.3	7.0
SM11-023	163	168	166	395	399	397	3.6	4	3.8
SM11-024	153	159	156	399	407	405	4.5	4.9	4.6
SM11-025	159	163	161	408	413	411	3	3.5	3.2

SM11-026	146	151	148	348	354	351	2.6	3	2 8