Appendix 11-G

Water Quality Prediction Summary Statistics

Table 11-G.1: Water Quality Summary Statistics for Scenario B.1.a (mine present, no climate change, 50th percentile [average/expected case] results, Mine Rock Storage Facility layering design is successful)

Project Phase	Months	Hardness				Selenium				Cadmium				Nitrate				Sulphate				Nickel				Cobalt			
		Min	Mean	Median	Max	Min	Mean	Median	Max	Min	Mean	Median	Max	Min	Mean	Median	Max	Min	Mean	Median	Max	Min	Mean	Median	Max	Min	Mean	Median	Max
Construction & Pre-Production	January	0	119.34	121.1962	121.5574	0	0.0008398	0.0008528	0.0008554	0	6.91557E-06	7.02308E-06	7.0441E-06	0	0.0480186	0.0487654	0.0489108	0	16.282362	16.535576	16.584911	0	0.00013	0.000132038	0.0001324	0	9.5438E-06	9.69038E-06	9.73806E-06
	February	121.1796	121.404	121.4516	121.699	0.000853	0.0008588	0.0008551	0.0009285	7.02308E-06	7.09501E-06	7.04182E-06	8.07613E-06	0.0487654	0.0488614	0.0488931	0.0489914	16.535576	16.590679	16.579054	16.984978	0.000132	0.0001377	0.00013242	0.0002248	9.69038E-06	1.16251E-05	9.72917E-06	4.21598E-05
	March	120.9276	121.3219	121.3141	121.5882	0.000856	0.0008716	0.0008629	0.0009177	7.04851E-06	7.23713E-06	7.13154E-06	7.79484E-06	0.0487386	0.0488562	0.048871	0.0489261	16.576035	16.656069	16.611308	16.9037	0.0001334	0.0001523	0.00014204	0.0002067	1.01206E-05	1.69551E-05	1.32574E-05	3.64957E-05
	April	120.2699	120.9119	120.9677	121.5561	0.000851	0.0008606	0.0008575	0.0008805	7.01907E-06	7.12275E-06	7.10449E-06	7.33663E-06	0.0484031	0.0486728	0.0487047	0.0489169	16.440273	16.553568	16.554993	16.67873	0.000134	0.0001429	0.000139758	0.000164	1.03974E-05	1.36836E-05	1.24548E-05	2.13134E-05
	May	120.3406	120.9691	120.9861	121.1796	0.000854	0.0008621	0.0008611	0.0008746	7.04161E-06	7.13818E-06	7.11788E-06	7.36573E-06	0.0484344	0.0486979	0.0487042	0.0487873	16.458359	16.567355	16.564858	16.64118	0.0001359	0.0001442	0.00014279	0.0001619	1.11364E-05	1.41133E-05	1.37235E-05	2.00944E-05
	June	120.9745	121.1572	121.1859	121.2012	0.000856	0.0008621	0.000862	0.000867	7.06066E-06	7.13063E-06	7.13545E-06	7.1715E-06	0.0486974	0.0487691	0.0487815	0.0487942	16.540541	16.585005	16.585403	16.617222	0.0001367	0.0001427	0.000142946	0.0001474	1.14424E-05	1.35582E-05	1.36178E-05	1.52963E-05
	July	121.1773	121.2192	121.2006	121.2738	0.000858	0.0008652	0.000862	0.0008808	7.0749E-06	7.15324E-06	7.12237E-06	7.31429E-06	0.0487823	0.0487983	0.0487987	0.0488119	16.568516	16.608578	16.588657	16.694132	0.0001369	0.0001453	0.000142092	0.0001624	1.1438E-05	1.45284E-05	1.33444E-05	2.07975E-05
	August	121.1891	121.2165	121.1996	121.2831	0.000853	0.0008598	0.0008587	0.0008747	7.02308E-06	7.10004E-06	7.08542E-06	7.2506E-06	0.0487654	0.048787	0.0487858	0.0488106	16.535576	16.577422	16.57621	16.661583	0.000132	0.0001396	0.000138012	0.0001556	9.69038E-06	1.24324E-05	1.1842E-05	1.83065E-05
	September	121.119	121.1712	121.1768	121.2119	0.000862	0.0008706	0.0008677	0.0008844	7.13467E-06	7.21275E-06	7.18129E-06	7.35586E-06	0.0487589	0.0487901	0.0487929	0.0488134	16.588596	16.634823	16.619261	16.711609	0.0001429	0.0001516	0.000148445	0.0001666	1.3597E-05	1.68127E-05	1.56839E-05	2.23323E-05
	October	121.0731	121.1663	121.1654	121.261	0.000863	0.0008872	0.0008688	0.0008896	7.13414E-06	7.22442E-06	7.19546E-06	7.41023E-06	0.0487489	0.0487907	0.0487938	0.0488164	16.594728	16.642427	16.624765	16.739222	0.0001435	0.000153	0.000149907	0.0001724	1.38722E-05	1.73537E-05	1.62176E-05	2.44393E-05
	November	121.0886	121.2985	121.2527	121.6307	0.000858	0.0008748	0.0008718	0.0009206	7.07934E-06	7.25143E-06	7.2209E-06	7.73545E-06	0.0487719	0.0488476	0.0488303	0.0489659	16.568045	16.671288	16.653929	16.936691	0.0001378	0.0001552	0.000152024	0.0002048	1.18024E-05	1.81067E-05	1.69598E-05	3.621E-05
	December	121.1962	121.4355	121.4242	121.7672	0.000853	0.0008641	0.000866	0.0009018	7.02308E-06	7.13655E-06	7.15366E-06	7.53346E-06	0.0487654	0.0488801	0.0489127	0.0490256	16.535576	16.622917	16.649784	16.821178	0.000132	0.0001426	0.000143729	0.0001846	9.69038E-06	1.34839E-05	1.38274E-05	2.88879E-05
Operations	January	119.5851	120.9033	120.9713	121.6807	0.000853	0.0010832	0.0010872	0.0014896	7.02308E-06	2.19051E-05	2.35038E-05	4.8682E-05	0.0487654	0.052762	0.0532349	0.0596808	16.535576	20.260759	20.748642	26.876358	0.000132	0.0007977	0.000871696	0.0019973	9.69038E-06	0.000308063	0.000343402	0.000846782
	February	119.5437	120.6707	120.6921	121.2883	0.000853	0.0010986	0.001091	0.001414	7.02308E-06	2.31347E-05	2.35033E-05	4.38258E-05	0.0487654	0.0530388	0.0532553	0.058322	16.535576	20.550858	20.634229	25.643742	0.000132	0.000854	0.000873495	0.0017802	9.69038E-06	0.000333802	0.000336449	0.000749446
	March	118.5064	120.4304	120.409	121.1962	0.000853	0.0010841	0.0010575	0.0016257	7.02308E-06	2.21385E-05	2.20656E-05	5.78819E-05	0.0487654	0.052641	0.0527091	0.0618121	16.535576	20.261017	20.336327	29.072035	0.000132	0.0008087	0.000818071	0.0024103	9.69038E-06	0.000313145	0.00031953	0.00103243
	April	112.183	120.0799	120.0216	121.1989	0.000853	0.0010157	0.0009905	0.001457	7.02308E-06	1.7869E-05	1.74086E-05	4.56887E-05	0.0487099	0.0513171	0.0512438	0.0584741	16.535576	19.13213	19.027856	26.000259	0.000132	0.0006181	0.000598859	0.0018649	9.69038E-06	0.000227549	0.000221243	0.000787821
	May	115.559	120.4771	120.6876	121.2134	0.000853	0.0009054	0.0009001	0.0012589	7.02308E-06	1.08003E-05	1.06977E-05	3.54617E-05	0.0487398	0.0495263	0.0494635	0.0544671	16.535576	17.37093	17.299673	23.026131	0.000132	0.0003021	0.000296889	0.0014122	9.69038E-06	8.46471E-05	8.02036E-05	0.000585189
	June	117.7185	120.8285	120.8139	121.3158	0.000853	0.0009046	0.0008969	0.001021	7.02308E-06	1.06343E-05	1.04311E-05	1.91508E-05	0.0487654	0.049616	0.0495088	0.0515566	16.535576	17.365584	17.277043	19.259809	0.000132	0.0002942	0.00028049	0.0006902	9.69038E-06	8.06609E-05	7.3861E-05	0.000257523
	July	119.6529	120.732	120.7558	121.1962	0.000853	0.0009579	0.0009382	0.0012301	7.02308E-06	1.39905E-05	1.32199E-05	3.19388E-05	0.0487654	0.0505131	0.0502822	0.0550692	16.535576	18.23065	18.036894	22.649252	0.000132	0.0004443	0.000409312	0.0012485	9.69038E-06	0.000149336	0.000134279	0.000510957
	August	119.1646	120.5843	120.6503	121.1962	0.000853	0.0010054	0.0009788	0.0013654	7.02308E-06	1.71084E-05	1.61136E-05	4.08482E-05	0.0487654	0.0513243	0.0509499	0.0573485	16.535576	19.010455	18.816277	24.843578	0.000132	0.0005841	0.000547502	0.0016476	9.69038E-06	0.000212549	0.000193521	0.000690149
	September	117.4884	120.4822	120.4861	121.2079	0.000853	0.0010211	0.0010156	0.0016598	7.02308E-06	1.82023E-05	1.8274E-05	6.0444E-05	0.0487654	0.0515958	0.0515584	0.0621848	16.535576	19.27769	19.278773	29.60569	0.000132	0.0006335	0.000635199	0.0025262	9.69038E-06	0.000234879	0.000235104	0.001084351
	October	115.3151	120.528	120.6086	121.2065	0.000853	0.0010029	0.0009686	0.0022458	7.02308E-06	1.68533E-05	1.56708E-05	9.90908E-05	0.0487654	0.0512089	0.0508752	0.0719922	16.535576	18.929212	18.675133	39.106518	0.000132	0.0005719	0.000525722	0.0042578	9.69038E-06	0.000206583	0.00018787	0.001862208
	November	115.3071	120.7664	120.8637	121.4292	0.000853	0.0010011	0.0009908	0.0021499	7.02308E-06	1.67238E-05	1.71377E-05	9.29162E-05	0.0487654	0.0512784	0.051444	0.0702791	16.535576	18.927951	19.09244	37.543819	0.000132	0.0005663	0.000592616	0.0039817	9.69038E-06	0.000204127	0.000217518	0.001738404
	December	119.976	120.9293	121.0334	121.6344	0.000853	0.0010523	0.0010519	0.0014248	7.02308E-06	1.99553E-05	2.14894E-05	4.4356E-05	0.0487654	0.0522394	0.0526768	0.0586337	16.535576	19.771267	20.250671	25.829731	0.000132	0.0007107	0.000787976	0.0018033	9.69038E-06	0.000269096	0.000307437	0.000759611
Closure & Reclamation	January	119.7641	120.263	120.2617	120.7269	0.00106	0.0012273	0.0012232	0.0013931	2.05843E-05	3.15159E-05	3.12501E-05	4.23979E-05	0.05234	0.0551884	0.0551127	0.0580095	19.908552	22.617029	22.55007	25.308723	0.0007392	0.0012287	0.001216789	0.001716	0.000282131	0.000501833	0.000496501	0.000720581
	February	119.2659	120.0052	120.0077	120.6321	0.001024	0.0012647	0.0012735	0.0014028	1.83502E-05	3.40468E-05	3.45962E-05	4.34825E-05	0.051664	0.0557823	0.0559617	0.058014	19.314867	23.219695	23.363691	25.436769	0.0006395	0.0013423	0.001366818	0.0017656	0.000236815	0.000552641	0.000563889	0.00073976
	March	119.4789	120.0413	120.0252	120.565	0.00102	0.0012154	0.0012148	0.0013736	1.80659E-05	3.08783E-05	3.086E-05	4.12531E-05	0.0515634	0.0549114	0.0548597	0.0575816	19.238108	22.416597	22.404637	24.983885	0.0006268	0.0012005	0.001199919	0.0016653	0.000231307	0.000488847	0.000489083	0.000697914
	April	119.1982	120.1025	120.119	120.6444	0.000911	0.0010247	0.0010076	0.0013013	1.15063E-05	1.86225E-05	1.74309E-05	3.67649E-05	0.0494929	0.0515197	0.0512157	0.0562554	17.435064	19.306706	19.032388	23.794455	0.0003344	0.0006525	0.000599081	0.0014648	9.63884E-05	0.000242393	0.000219531	0.000606355
	May	116.7188	120.1711	120.2982	121.1991	0.000853	0.0009136	0.0009121	0.0011497	7.02308E-06	1.16822E-05	1.15373E-05	2.82878E-05	0.0483886	0.0495292	0.0495681	0.052783	16.535576	17.481138	17.466815	21.251301	0.000132	0.0003423	0.000335248	0.00109	9.69038E-06	0.000100301	9.61347E-05	0.000436666
	June	118.8506	120.5254	120.7218	121.1744	0.000853	0.000893	0.000891	0.0009299	7.08722E-06	1.03281E-05	1.02519E-05	1.23236E-05	0.0485021	0.0492478	0.0492822	0.0499943	16.54328	17.145942	17.128589	17.770952	0.000135	0.0002813	0.000278972	0.0003728	1.07869E-05	7.14628E-05	7.02317E-05	0.000114727
	July	120.2058	120.5049	120.5101	120.8039	0.000927	0.0010191	0.0010197	0.0011169	1.2046E-05	1.80686E-05	1.81386E-05	2.44728E-05	0.0499701	0.0515338	0.0515461	0.0531984	17.729393	19.225626	19.236754	20.814327	0.0003573	0.0006271	0.000630257	0.0009139	0.000109786	0.000231215	0.000232466	0.000360147
	August	119.4306	120.0152	120.0224	120.4008	0.001045	0.0011555	0.001147	0.001314	1.97011E-05	2.70127E-05	2.64667E-05	3.74556E-05	0.0519643	0.0538377	0.0536734	0.0565031	19.641197	21.441422	21.301702	24.010811	0.0007002	0.0010277	0.001003347	0.0014956	0.000264618	0.00041157	0.000400819	0.000621577
	September	116.1518	120.0406	120.1735	121.2023	0.000853	0.0011216	0.0010753	0.0020163	7.02308E-06	2.48098E-05	2.17887E-05	8.40014E-05	0.0487654	0.0532409	0.0524431	0.0681257	16.535576	20.890249	20.137251	35.382942	0.000132	0.0009292	0.000793903	0.0035819	9.69038E-06	0.000367476	0.000306716	0.001558406
	October	116.3457	120.0618	120.2291	121.2039	0.000853	0.0010876	0.0010691	0.0019665	7.0231E-06	2.26697E-05	2.13548E-05	8.06962E-05	0.0487654	0.0526332	0.0523824	0.0672922	16.535585	20.332364	20.037481	34.576366	0.000132	0.0008335	0.000774415	0.0034338	9.69078E-06	0.000323843	0.000298123	0.001492132
	November	119.3137	120.5158	120.6666	121.0769	0.000936	0.0010729	0.0010675	0.001238	1.26413E-05	2.15124E-05	2.11756E-05	3.25801E-05	0.0501344	0.0524988	0.0523911	0.0551161	17.865551	20.103786	20.014914	22.770353	0.0003839	0.000781	0.000766017	0.0012777	0.000120812	0.000300467	0.000293809	0.000524191
	December	120.0307	120.4509	120.4221	120.8473	0.001039	0.0011373	0.0011418	0.0012022	1.91855E-05	2.56592E-05	2.59882E-05	2.99924E-05	0.0519868	0.0536346	0.0536852	0.0546766	19.559195	21.154964	21.225206	22.203327	0.0006765	0.0009665	0.000981321	0.0011609	0.00025358	0.000384061	0.000390731	0.000471533
Post Closure	January	119.5406	120.4986	120.4807	121.1454	0.001009	0.0012052	0.0012132	0.0013454	1.73138E-05	3.00168E-05	3.0483E-05	3.98177E-05	0.0514368	0.054859	0.0550258	0.057108	19.06382	22.262279	22.3904	24.497608	0.0005929	0.0011613	0.001182411	0.0016013	0.000215368	0.000471363	0.000480968	0.00066361
	February	119.5869	120.2053	120.2133	120.7453	0.001008	0.0012287	0.0012477	0.0013453	1.72509E-05	3.1637E-05	3.2834E-05	3.92665E-05	0.0512831	0.055197	0.0555487	0.0571945	19.048258	22.638479	22.953415	24.533182	0.0005903	0.0012342	0.001287708	0.0015758	0.000215437	0.000504246	0.000528248	0.000657644
	March	118.9581	119.9454	119.9482	120.6947	0.000909	0.0012136	0.0012527	0.0014146	1.09845E-05	3.07751E-05	3.32326E-05	4.39032E-05	0.0495758	0.0548559	0.0555952	0.0583057	17.434231	22.387172	23.027122	25.651224	0.0003103	0.001196	0.001305501	0.0017838	8.9099E-05	0.000487184	0.000536299	0.000751092
	April	112.2946	119.6821	119.7059	121.2049	0.000853	0.0011165	0.0011309	0.0014847	7.02308E-06	2.46236E-05	2.55314E-05	4.8773E-05	0.0487654	0.0530483	0.0532677	0.0593114	16.535576	20.79739	21.036802	26.775017	0.000132	0.0009214	0.000962583	0.0020029	9.69038E-06	0.000364053	0.000382724	0.000849713
	May	111.6771	120.1899	120.3791	121.2095	0.000853	0.0009549	0.0009365	0.0017694	7.02308E-06	1.41007E-05	1.2864E-05	6.98394E-05	0.0487654	0.0502969	0.0499574	0.0624834	16.535576	18.170164	17.851883	31.263132	0.000132	0.0004501	0.000395108	0.0029553	9.69038E-06	0.0001515	0.000126733	0.001279532
	June	117.5363	120.623	120.6781	121.1972	0.000853	0.000949	0.000941	0.0010698	7.02411E-06	1.35648E-05	1.29914E-05	2.1399E-05	0.0481638	0.0503097	0.0501966	0.0523696	16.535925	18.082291	17.949161	20.049696	0.0001321	0.0004256	0.000399645	0.0007763	9.70845E-06	0.000140102	0.000128876	0.000298816
	July	119.9093	120.4819	120.493	120.8617	0.000895	0.0010204	0.0010179	0.0011627	1.03831E-05	1.81398E-05	1.79656E-05	2.74763E-05	0.0492914	0.0515535	0.051513	0.0539566	17.173372	19.248156	19.207539	21.557529	0.0002837	0.0006303	0.000622448	0.0010485	7.27796E-05	0.000232932	0.000229375	0.000421012
	August	119.615	120.2701	120.2615	120.7733	0.000934	0.001082	0.0010852	0.0012588	1.26663E-05	2.21688E-05	2.23437E-05	3.38053E-05	0.0500324	0.0525962	0.0526524	0.0555716	17.837282	20.248565	20.302134	23.1168	0.0003855	0.0008107	0.000818565	0.001332	0.000121602	0.000314211	0.000317864	0.000548428
	September	116.553	120.2278	120.2141	121.2026	0.000853	0.0010715	0.0010708	0.001971	7.0231E-06	2.15259E-05	2.14554E-05	8.09085E-05	0.0487654	0.0523948	0.0523793	0.0674301	16.535582	20.075034	20.065253	34.654533	0.000132	0.000782	0.000778908	0.0034429	9.69072E-06	0.000301156	0.000300116	0.001496136
	October	114.9356	120.3125	120.3968	121.2561	0.000853	0.0010424	0.00103	0.0023374	7.02308E-06	1.96221E-05	1.87718E-05	0.000105148	0.0487654	0.051899	0.0517108	0.0735211	16.535576	19.602807	19.403294	40.590668	0.000132	0.0006968	0.00065863	0.0045293	9.69038E-06	0.000262853	0.000246052	0.001984018
	November	115.2196	120.5696	120.6194	121.4454	0.000853	0.0010345	0.0010484	0.001721	7.02308E-06	1.90212E-05	1.99004E-05	6.45521E-05	0.0487654	0.0518292	0.0520751	0.0631504	16.535576	19.479892	19.701398	30.593737	0.000132	0.0006695	0.000709032	0.0027106	9.69038E-06	0.000250444	0.00026827	0.00116729
	December	119.7939	120.7146	120.7187	121.3269	0.000988	0.0011178	0.0011139	0.0013437	1.57997E-05	2.43047E-05	2.40082E-05	3.89949E-05	0.0510802	0.0533577	0.0533026	0.057282	18.727356	20.841505	20.772903	24.514614	0.0005247	0.0009056	0.0008916	0.001563	0.000185806	0.000356507	0.000350309	0.000651669

Table 11-G.2: Water Quality Summary Statistics for Scenario B.1.b (mine present, no climate change, 95th percentile [upper case] results, Mine Rock Storage Facility layering design is successful)

Project Phase	Months	Hardness				Selenium				Cadmium				Nitrate				Sulphate				Nickel				Cobalt			
		Min	Mean	Median	Max	Min	Mean	Median	Max	Min	Mean	Median	Max	Min	Mean	Median	Max	Min	Mean	Median	Max	Min	Mean	Median	Max	Min	Mean	Median	Max
Construction & Pre-Production	January	0	135.34486	137.45	137.85944	0	0.0014913	0.0015145	0.001519	0	1.1575E-05	1.1755E-05	1.17901E-05	0	0.0983697	0.0999	0.100197	0	28.24073	28.68	28.765362	0	0.0002334	0.000237	0.0002377	0	1.60235E-05	1.627E-05	1.63396E-05
	February	137.41046	137.68323	137.73932	138.01898	0.0015145	0.0015265	0.0015185	0.0016705	1.1755E-05	1.18343E-05	1.1786E-05	1.27973E-05	0.0999	0.1000759	0.1001093	0.1003114	28.68	28.762837	28.754919	29.247213	0.000237	0.0002445	0.0002377	0.0003579	1.627E-05	1.9029E-05	1.6332E-05	6.22287E-05
	March	137.11908	137.58422	137.57808	137.8907	0.0015197	0.0015531	0.001535	0.0016496	1.17894E-05	1.19715E-05	1.18685E-05	1.25175E-05	0.0996919	0.1000176	0.1000265	0.1002137	28.745264	28.841517	28.786221	29.15159	0.000239	0.0002641	0.0002505	0.0003362	1.6901E-05	2.67562E-05	2.14427E-05	5.48653E-05
	April	136.39288	137.11986	137.17992	137.84981	0.0015128	0.0015312	0.0015242	0.0015723	1.17168E-05	1.18413E-05	1.18373E-05	1.2058E-05	0.099126	0.0996629	0.0997159	0.1001768	28.497503	28.682729	28.698057	28.852392	0.000239	0.0002513	0.0002466	0.0002797	1.73015E-05	2.20135E-05	2.01069E-05	3.30977E-05
	May	136.47331	137.18587	137.20531	137.42398	0.0015177	0.0015341	0.0015318	0.0015598	1.17417E-05	1.18593E-05	1.18441E-05	1.20844E-05	0.099188	0.099716	0.0997299	0.0998923	28.525772	28.705188	28.702556	28.797852	0.0002421	0.000253	0.0002512	0.0002754	1.83755E-05	2.26352E-05	2.21073E-05	3.08502E-05
	June	137.1908	137.39907	137.43092	137.4492	0.0015217	0.0015337	0.0015336	0.0015439	1.17848E-05	1.18591E-05	1.18642E-05	1.19008E-05	0.0997139	0.0998661	0.0998888	0.0999029	28.673615	28.739025	28.740296	28.782503	0.0002432	0.0002512	0.0002515	0.0002577	1.88216E-05	2.18526E-05	2.18462E-05	2.44403E-05
	July	137.41325	137.46713	137.44868	137.52911	0.001524	0.00154	0.0015335	0.0015727	1.1807E-05	1.18834E-05	1.18526E-05	1.2041E-05	0.0998902	0.0999143	0.0999033	0.0999461	28.721647	28.772381	28.746604	28.880091	0.0002435	0.0002549	0.0002505	0.0002779	1.88003E-05	2.33144E-05	2.15781E-05	3.24694E-05
	August	137.43076	137.46591	137.45022	137.53815	0.0015145	0.0015287	0.0015263	0.0015593	1.1755E-05	1.18307E-05	1.18172E-05	1.19755E-05	0.0998696	0.0999077	0.0999004	0.0999488	28.68	28.731808	28.731379	28.83061	0.000237	0.0002471	0.000245	0.0002687	1.627E-05	2.02418E-05	1.9396E-05	2.8829E-05
	September	137.35451	137.41089	137.41639	137.45815	0.0015339	0.0015513	0.0015456	0.0015801	1.18634E-05	1.19405E-05	1.19107E-05	1.20803E-05	0.0998358	0.0998802	0.099882	0.0999069	28.743265	28.803603	28.787014	28.899134	0.0002514	0.0002632	0.0002591	0.0002835	2.18969E-05	2.66306E-05	2.49969E-05	3.46855E-05
	October	137.30035	137.40677	137.40328	137.51588	0.0015365	0.0015544	0.0015478	0.0015911	1.18644E-05	1.19525E-05	1.19238E-05	1.21344E-05	0.0997999	0.0998834	0.0998874	0.0999543	28.748922	28.814672	28.794903	28.936357	0.0002524	0.0002652	0.000261	0.0002913	2.23633E-05	2.74371E-05	2.57386E-05	3.77593E-05
	November	137.31898	137.5582	137.50763	137.93269	0.0015258	0.0015601	0.0015539	0.0016557	1.18112E-05	1.19851E-05	1.19541E-05	1.24671E-05	0.0998327	0.1000006	0.0999733	0.1002519	28.722792	28.861546	28.843837	29.210798	0.0002448	0.0002682	0.000264	0.0003352	1.93514E-05	2.85401E-05	2.68654E-05	5.49063E-05
	December	137.45	137.71292	137.6956	138.08337	0.0015145	0.0015372	0.0015404	0.0016167	1.1755E-05	1.18753E-05	1.18972E-05	1.22648E-05	0.0999	0.100089	0.1001024	0.1003564	28.68	28.803618	28.838369	29.058893	0.000237	0.0002514	0.0002529	0.000308	1.627E-05	2.18036E-05	2.23049E-05	4.42622E-05
Operations	January	135.31448	136.96746	137.01468	137.89363	0.0015145	0.0019842	0.0019884	0.0028187	1.1755E-05	3.39086E-05	3.63164E-05	7.39484E-05	0.0999	0.1032998	0.103655	0.1091655	28.68	32.886397	33.391445	40.365517	0.000237	0.0031591	0.0033666	0.0090195	1.627E-05	0.00113884	0.001218988	0.003414824
	February	135.29944	136.68865	136.69721	137.45	0.0015145	0.0020157	0.0019961	0.002664	1.1755E-05	3.58813E-05	3.68285E-05	6.66942E-05	0.0999	0.1034313	0.1036628	0.1078863	28.68	33.187333	33.279305	38.949928	0.000237	0.0034374	0.0033065	0.007998	1.627E-05	0.001245621	0.001181794	0.003019683
	March	134.00621	136.42643	136.36832	137.45	0.0015145	0.0019869	0.0019291	0.0030983	1.1755E-05	3.42379E-05	3.46585E-05	8.767E-05	0.0999	0.1029646	0.1029738	0.1105745	28.68	32.847265	32.83009	42.774918	0.000237	0.0032359	0.0031727	0.0109663	1.627E-05	0.001169358	0.001133364	0.004168672
	April	126.86728	136.07316	135.98627	137.453	0.0015145	0.0018483	0.0017955	0.0027682	1.1755E-05	2.78778E-05	2.77209E-05	6.99519E-05	0.0993257	0.101632	0.1014467	0.1075641	28.68	31.539632	31.406031	39.273552	0.000237	0.0023925	0.0022456	0.0083996	1.627E-05	0.000845595	0.000779389	0.00317564
	May	130.81987	136.5936	136.82713	137.46944	0.0015145	0.0016225	0.0016106	0.0023536	1.1755E-05	1.7644E-05	1.7851E-05	5.43425E-05	0.0988446	0.1002288	0.1001208	0.1024777	28.68	29.566849	29.480974	35.622707	0.000237	0.0009788	0.0009706	0.0062779	1.627E-05	0.000298269	0.000290682	0.002354719
	June	133.34744	136.9961	136.98274	137.55722	0.0015145	0.0016201	0.0016036	0.0018595	1.1755E-05	1.74688E-05	1.71934E-05	3.31393E-05	0.0993535	0.1004794	0.1003615	0.1020978	28.68	29.590756	29.500318	31.728323	0.000237	0.0009485	0.0008743	0.0026629	1.627E-05	0.000286032	0.0002514	0.000926406
	July	135.50583	136.85482	136.88651	137.45	0.0015145	0.0017292	0.0016881	0.0022879	1.1755E-05	2.22331E-05	2.0897E-05	4.89468E-05	0.0999	0.1012354	0.101046	0.1049426	28.68	30.567206	30.343504	35.534134	0.000237	0.0016266	0.0014209	0.0054956	1.627E-05	0.000549953	0.000468184	0.002051518
	August	134.88406	136.65708	136.73604	137.45	0.0015145	0.0018264	0.0017701	0.0025653	1.1755E-05	2.68351E-05	2.46325E-05	6.22431E-05	0.0999	0.1018891	0.1015727	0.106802	28.68	31.439905	31.147327	38.000523	0.000237	0.0022484	0.0019912	0.0073753	1.627E-05	0.000789436	0.000693754	0.002779037
	September	132.81375	136.52835	136.52815	137.46272	0.0015145	0.0018585	0.0018463	0.0031693	1.1755E-05	2.8501E-05	2.81975E-05	9.15734E-05	0.0999	0.102077	0.1020282	0.1105063	28.68	31.731239	31.743169	43.311459	0.000237	0.0024723	0.0024343	0.011514	1.627E-05	0.000875496	0.00085492	0.00438015
	October	130.06737	136.59553	136.68121	137.46101	0.0015145	0.0018215	0.0017507	0.0043708	1.1755E-05	2.63359E-05	2.44687E-05	0.000149171	0.0999	0.1017573	0.1015028	0.1184028	28.68	31.3493	31.007439	53.972538	0.000237	0.0021841	0.0018771	0.0196703	1.627E-05	0.000765877	0.000645391	0.007537828
	November	130.10069	136.86598	136.95845	137.53462	0.0015145	0.0018172	0.0017936	0.0041748	1.1755E-05	2.62585E-05	2.69734E-05	0.000139949	0.0994075	0.1019277	0.1020596	0.1168199	28.68	31.362419	31.465564	52.183975	0.000237	0.0021451	0.0022149	0.018371	1.627E-05	0.00750004	0.00077053	0.007035235
	December	135.79123	137.02162	137.14999	137.86195	0.0015145	0.0019215	0.0019162	0.0026857	1.1755E-05	3.10545E-05	3.33457E-05	6.74929E-05	0.0999	0.1028659	0.1031979	0.1083884	28.68	32.334675	32.784863	39.202156	0.000237	0.0027832	0.0030148	0.0081052	1.627E-05	0.0009949	0.001076334	0.003060875
Closure & Reclamation	January	135.51303	136.18389	136.18519	136.80794	0.0019393	0.0022803	0.0022719	0.0026192	3.19985E-05	4.83129E-05	4.79158E-05	6.45509E-05	0.1029311	0.1052754	0.1051933	0.1075556	32.489071	35.533635	35.456493	38.55069	0.0030954	0.0054003	0.0053443	0.007695	0.00112235	0.002014331	0.001992686	0.002902443
	February	134.96054	135.86761	135.86514	136.71675	0.0018658	0.0023571	0.002375	0.0026411	2.8804E-05	5.21392E-05	5.29082E-05	6.68885E-05	0.1022663	0.1056857	0.1058535	0.1073894	31.803656	36.197954	36.374399	38.676041	0.0026259	0.0059353	0.0060511	0.0079269	0.000939283	0.002220953	0.002266299	0.002984821
	March	135.19733	135.93388	135.91008	136.64148	0.0018563	0.0022565	0.0022551	0.0025798	2.83505E-05	4.74595E-05	4.73288E-05	6.28427E-05	0.10214	0.1049095	0.1047816	0.1070317	31.709484	35.28489	35.253054	38.156052	0.0025668	0.0052681	0.0052661	0.0074571	0.000916765	0.001962281	0.001962651	0.002810506
	April	135.12517	136.10933	136.11039	136.77554	0.0016354	0.0018674	0.0018322	0.0024333	1.93971E-05	2.93088E-05	2.72896E-05	5.65249E-05	0.0998797	0.1018772	0.1015875	0.1058488	29.632856	31.748749	31.428205	36.809708	0.001188	0.0026883	0.0024381	0.0065127	0.000374439	0.000962673	0.00086839	0.002441168
	May	132.18179	136.24988	136.38693	137.45328	0.0015145	0.0016411	0.0016375	0.002129	1.1755E-05	1.96061E-05	1.9059E-05	4.44389E-05	0.0982057	0.100113	0.1001968	0.1017735	28.68	29.680329	29.671726	33.688442	0.000237	0.0012258	0.0011933	0.004755	1.627E-05	0.000389876	0.000371218	0.001756519
	June	134.76628	136.66507	136.87667	137.42497	0.0015158	0.0015987	0.0015951	0.0016728	1.18998E-05	1.78887E-05	1.79045E-05	2.33988E-05	0.0986498	0.1000232	0.1001206	0.1007848	28.687407	29.329932	29.324412	30.050472	0.0002506	0.0009366	0.000922	0.0013597	2.10284E-05	0.000274588	0.000266556	0.000445254
	July	136.16774	136.56811	136.57172	136.96255	0.0016667	0.001855	0.0018563	0.0020549	1.9492E-05	2.84016E-05	2.85477E-05	3.79136E-05	0.1008051	0.1020687	0.10208	0.1034146	30.009676	31.686767	31.699374	33.467403	0.0012974	0.0025678	0.0025828	0.0039185	0.000424177	0.000916701	0.00092205	0.001439894
	August	135.16971	135.93211	135.95184	136.43779	0.0019071	0.0021341	0.0021169	0.0024581	3.07097E-05	4.16384E-05	4.07903E-05	5.7227E-05	0.1024166	0.1039122	0.1037575	0.1060185	32.152397	34.167708	34.008074	37.039993	0.0029127	0.0044551	0.0043408	0.0066583	0.001051535	0.001648278	0.001604436	0.002500961
	September	131.02757	135.98011	136.14692	137.45634	0.0015145	0.0020649	0.0019704	0.0038962	1.1755E-05	3.83254E-05	3.38324E-05	0.000126691	0.0999	0.1033867	0.1027301	0.1149248	28.68	33.542084	32.696527	49.710724	0.000237	0.0039913	0.0033546	0.0164857	1.627E-05	0.001469122	0.001222537	0.006304776
	October	131.28015	136.02504	136.2206	137.45798	0.0015145	0.0019957	0.0019575	0.0037943	1.1755E-05	3.52915E-05	3.32303E-05	0.000121711	0.0999	0.1028537	0.10269	0.114276	28.68001	32.910971	32.586317	48.810658	0.000237	0.0035405	0.0032629	0.0157884	1.62717E-05	0.001292975	0.001187418	0.006035395
	November	135.0907	136.551	136.72264	137.24426	0.0016841	0.0019647	0.0019537	0.0023036	2.05739E-05	3.34945E-05	3.29794E-05	4.98919E-05	0.1009805	0.1029456	0.1028272	0.1050079	30.170797	32.687786	32.582739	35.625954	0.0014215	0.0032925	0.003222	0.0056339	0.000470111	0.001197535	0.001170442	0.002105286
	December	135.92581	136.44005	136.39392	136.9464	0.0018949	0.0020962	0.0021054	0.0022293	2.9994E-05	3.95989E-05	4.0083E-05	4.60343E-05	0.1026345	0.1039365	0.1039805	0.1047485	32.093689	33.878206	33.949873	35.037884	0.0027995	0.0041659	0.0042357	0.005082	0.001006948	0.001536374	0.001563456	0.001891371
Post Closure	January	135.30226	136.43466	136.41814	137.20203	0.0018337	0.0022338	0.0022497	0.0025233	2.73628E-05	4.61043E-05	4.67859E-05	6.19324E-05	0.1021408	0.104994	0.1051267	0.1067263	31.531971	35.126936	35.282356	37.635864	0.0024056	0.0050821	0.005182	0.0071504	0.000852828	0.0018908	0.001929728	0.002678766
	February	135.30574	136.08529	136.0955	136.69984	0.0018312	0.0022821	0.0023204	0.0025205	2.70141E-05	4.85019E-05	5.02809E-05	5.98699E-05	0.1017436	0.1051554	0.1054685	0.1068324	31.472645	35.529487	35.887188	37.659988	0.0023952	0.0054261	0.0056778	0.0070346	0.000851625	0.002024236	0.002121665	0.002646908
	March	134.6232	135.79896	135.78004	136.82698	0.0016305	0.0022519	0.0023316	0.0026615	1.78354E-05	4.72264E-05	5.08768E-05	6.67831E-05	0.1002834	0.1047313	0.1053743	0.1075224	29.645184	35.223084	35.963631	38.878281	0.001077	0.0052474	0.0057616	0.0080146	0.000339838	0.001955107	0.002154235	0.003026357
	April	126.95758	135.56041	135.57803	137.45961	0.0015145	0.0020544	0.0020834	0.002806	1.1755E-05	3.8057E-05	3.93629E-05	7.40398E-05	0.0999	0.1030013	0.1031353	0.1080008	28.68	33.396338	33.667461	40.081551	0.000237	0.0039557	0.0041498	0.0090484	1.627E-05	0.001455397	0.001530936	0.003426867
	May	126.03034	136.24054	136.42993	137.46329	0.0015145	0.0017245	0.0016857	0.003399	1.1755E-05	2.25857E-05	2.08583E-05	0.000105429	0.0987666	0.1007922	0.1005575	0.1076387	28.68	30.456292	30.102003	44.622978	0.000237	0.0017359	0.0014775	0.0135515	1.627E-05	0.000593847	0.000493623	0.005173133
	June	133.26711	136.73694	136.80292	137.45117	0.0015145	0.0017117	0.0016952	0.0019581	1.17569E-05	2.18331E-05	2.09993E-05	3.3243E-05	0.0976531	0.1010041	0.1009342	0.1026356	28.680483	30.391885	30.249636	32.587582	0.0002372	0.0016186	0.0014972	0.0032715	1.63451E-05	0.000547758	0.000501852	0.001190425
	July	135.78088	136.53023	136.54716	137.02795	0.0016015	0.0018572	0.0018522	0.0021475	1.7496E-05	2.84429E-05	2.82007E-05	4.22965E-05	0.1000736	0.1020415	0.1020177	0.1039101	29.361872	31.701894	31.661644	34.274754	0.0009477	0.0025831	0.002546	0.0045528	0.000279543	0.000923296	0.000908672	0.001686448
	August	135.38248	136.24943	136.23415	136.90356	0.0016819	0.001983	0.001989	0.002344	2.05569E-05	3.43946E-05	3.4648E-05	5.17137E-05	0.1007629	0.1028672	0.1029071	0.1051761	30.116745	32.819564	32.878578	36.015541	0.0014296	0.0034332	0.0034703	0.0058883	0.000473395	0.001252922	0.001267593	0.002203609
	September	131.46536	136.20768	136.19468	137.45654	0.0015145	0.0019617	0.0019603	0.0038012	1.1755E-05	3.34828E-05	3.33303E-05	0.000122023	0.0999	0.1026674	0.1026618	0.1143445	28.680008	32.619205	32.606516	48.880577	0.000237	0.0032982	0.0032837	0.0158306	1.62714E-05	0.001200229	0.00119547	0.006051634
	October	129.33754	136.32294	136.42302	137.50368	0.0015145	0.0019023	0.0018768	0.0045484	1.1755E-05	3.06506E-05	2.92961E-05	0.000158153	0.0999	0.102268	0.1021541	0.1188296	28.68	32.090369	31.873789	55.447636	0.000237	0.0028968	0.0027173	0.0209471	1.627E-05	0.001044773	0.000976091	0.008032389
	November	130.15936	136.62199	136.66082	137.61087	0.0015145	0.0018859	0.0019138	0.0032907	1.1755E-05	2.97756E-05	3.10311E-05	9.76508E-05	0.0996039	0.10233	0.1025462	0.1108471	28.68	31.97292	32.220808	44.32328	0.000237	0.0027677	0.0029534	0.0123823	1.627E-05	0.000994465	0.001066408	0.00471676
	December	135.58934	136.73461	136.75992	137.46509	0.0017899	0.0020552	0.0020468	0.002517	2.4853E-05	3.75999E-05	3.71048E-05	5.94897E-05	0.1017027	0.1037565	0.1036903	0.1071402	31.138243	33.530489	33.460575	37.68763	0.0020849	0.003878	0.0038111	0.0069732	0.000731242	0.001424616	0.001399025	0.002622673