

Individual Flux Measurements and Calculations

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
Baird060520_01	1230790	2330629	A	785.3	26.4	6/5/2020	-1.165	-0.002	0.388	0.2451983	0.000000	0.000000	0.095137
Baird060520_02	1230788	2330685	A	785.5	27.2	6/5/2020	-0.043	-0.003	0.155	0.2446074	0.000000	0.000000	0.037914
Baird060520_03	1230804	2330762	A	785.6	27.9	6/5/2020	-0.21	-0.005	0.103	0.2440698	0.000000	0.000000	0.025139
Baird060520_04	1230778	2330806	A	785.6	28.7	6/5/2020	-0.453	-0.005	2.241	0.2434229	0.000000	0.000000	0.545511
Baird060520_05	1230793	2330849	A	785.6	29.4	6/5/2020	-0.066	-0.004	0.74	0.2428597	0.000000	0.000000	0.179716
Baird060520_06	1230747	2330839	A	785.6	30.3	6/5/2020	-0.718	-0.005	0.344	0.2421394	0.000000	0.000000	0.083296
Baird060520_07	1230735	2330808	A	785.6	31.1	6/5/2020	-0.872	-0.007	0.235	0.2415027	0.000000	0.000000	0.056753
Baird060520_08	1230699	2330814	A	785.5	31.9	6/5/2020	-0.791	-0.004	0.146	0.2408387	0.000000	0.000000	0.035162
Baird060520_09	1230687	2330851	A	785.5	32.8	6/5/2020	0	-0.005	0.375	0.2401302	0.000000	0.000000	0.090049
Baird060520_10	1230665	2330810	A	785.5	33.6	6/5/2020	0	-0.003	0.246	0.239504	0.000000	0.000000	0.058918
Baird060520_11	1230650	2330839	A	785.5	34.4	6/5/2020	0	-0.006	0.506	0.238881	0.000000	0.000000	0.120874
Baird060520_12	1230612	2330860	A	785.8	35.1	6/5/2020	-0.045	-0.009	0.318	0.2384295	0.000000	0.000000	0.075821
Baird060520_13	1230595	2330778	A	785.5	35.9	6/5/2020	-1.909	-0.019	0.255	0.2377215	0.000000	0.000000	0.060619
Baird060520_14	1230610	2330731	A	785.5	36.6	6/5/2020	0	-0.006	0.375	0.2371843	0.000000	0.000000	0.088944
Baird060520_15	1230606	2330688	A	785.5	37.2	6/5/2020	-0.186	-0.011	0.101	0.2367258	0.000000	0.000000	0.023909
Baird060520_16	1230630	2330644	A	785.5	37.8	6/5/2020	-0.614	-0.005	0.16	0.236269	0.000000	0.000000	0.037803
Baird060520_17	1230657	2330647	A	785.3	38.5	6/5/2020	0	-0.002	0.29	0.2356783	0.000000	0.000000	0.068347
Baird060520_18	1230688	2330654	A	785.3	39.0	6/5/2020	0	-0.004	0.26	0.2353008	0.000000	0.000000	0.061178
Baird060520_19	1230695	2330700	A	785.3	39.5	6/5/2020	0	-0.009	0.122	0.2349245	0.000000	0.000000	0.028661
Baird060520_20	1230652	2330706	A	785.3	40.0	6/5/2020	0	-0.005	0.293	0.2345494	0.000000	0.000000	0.068723
Baird060520_21	1230677	2330760	A	785.3	40.5	6/5/2020	-1.172	-0.011	0.41	0.2341755	0.000000	0.000000	0.096012
Baird060520_22	1230723	2330752	A	785.3	41.1	6/5/2020	0	-0.002	0.002	0.2337284	0.000000	0.000000	0.000467

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Baird060520_23	1230695	2330746	A	785.3	41.5	6/5/2020	0	-0.002	0.028	0.2334312	0.000000	0.000000	0.006536
Baird060520_24	1230739	2330707	A	785.3	41.8	6/5/2020	0	-0.002	0.248	0.2332089	0.000000	0.000000	0.057836
Baird060520_25	1230741	2330657	A	785.3	42.2	6/5/2020	0	-0.001	0.324	0.2329131	0.000000	0.000000	0.075464
BasinCreek051120_01	1214812	2309976	A	804.6	25.5	5/11/2020	-1.922	0.005	0.258	0.2519815	0.000000	0.001260	0.065011
BasinCreek051120_02	1214938	2309781	A	804.6	26.2	5/11/2020	-7.717	0.003	0.461	0.2513922	0.000000	0.000754	0.115892
BasinCreek051120_03	1214772	2309733	A	804.3	26.7	5/11/2020	-1.342	0.009	0.705	0.2508795	0.000000	0.002258	0.176870
BasinCreek051120_04	1214795	2309655	A	803.8	27.1	5/11/2020	-1.006	0.004	0.306	0.2503895	0.000000	0.001002	0.076619
BasinCreek051120_05	1214746	2309633	A	803.3	27.5	5/11/2020	-1.605	0.005	0.492	0.2499008	0.000000	0.001250	0.122951
BasinCreek051120_06	1214702	2309610	A	803.4	27.9	5/11/2020	243.508	0.021	9.7	0.2495998	60.779560	0.005242	2.421118
BasinCreek051120_07	1214698	2309637	A	803.4	28.3	5/11/2020	93.863	0.016	4.4	0.2492686	23.397100	0.003988	1.096782
BasinCreek051120_08	1214686	2309664	A	803.4	28.7	5/11/2020	357.365	0.041	7.248	0.2489383	88.961840	0.010206	1.804305
BasinCreek051120_09	1214650	2309730	A	803.5	29.2	5/11/2020	243.017	0.048	3.732	0.2485576	60.403720	0.011931	0.927617
BasinCreek051120_10	1214665	2309748	A	803.5	29.6	5/11/2020	178.369	0.007	3.634	0.2482292	44.276390	0.001738	0.902065
BasinCreek051120_11	1214662	2309768	A	804.1	30.1	5/11/2020	735.222	0.009	22.705	0.248005	182.338700	0.002232	5.630952
BasinCreek051120_12	1214595	2309737	A	804.1	30.6	5/11/2020	-1.14	0.013	3.257	0.2475967	0.000000	0.003219	0.806423
BasinCreek051120_13	1214566	2309720	A	803.3	31.1	5/11/2020	-1.647	0.009	0.85	0.2469439	0.000000	0.002222	0.209902
BasinCreek051120_14	1214512	2309776	A	802.9	31.6	5/11/2020	-0.736	0.012	0.277	0.246416	0.000000	0.002957	0.068257

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BasinCreek051120_15	1214496	2309776	A	803.0	31.9	5/11/2020	-0.612	0.006	0.284	0.2462043	0.000000	0.001477	0.069922
BasinCreek051120_16	1214491	2309795	A	803.0	32.3	5/11/2020	-2.765	0.009	0.568	0.2458819	0.000000	0.002213	0.139661
BasinCreek051120_17	1214460	2309813	A	803.0	32.7	5/11/2020	-1.349	0.014	6.482	0.2455603	0.000000	0.003438	1.591722
BasinCreek051120_18	1214435	2309839	A	803.1	33.0	5/11/2020	421.049	0.014	2.64	0.2453502	103.304500	0.003435	0.647725
BasinCreek051120_19	1214427	2309834	A	803.1	33.4	5/11/2020	455.2	0.014	4.59	0.2450301	111.537700	0.003430	1.124688
BasinCreek051120_20	1214456	2309832	A	803.3	33.7	5/11/2020	91.112	0.014	5.978	0.2448515	22.308910	0.003428	1.463722
BasinCreek051120_21	1214465	2309828	A	803.3	34.0	5/11/2020	174.748	0.013	2.991	0.2446123	42.745520	0.003180	0.731636
BasinCreek051120_22	1214472	2309846	A	803.1	34.5	5/11/2020	-0.383	0.001	0.017	0.244154	0.000000	0.000244	0.004151
BasinCreek051120_23	1214629	2309944	A	803.1	34.9	5/11/2020	-0.304	0.003	0.831	0.243837	0.000000	0.000732	0.202629
BasinCreek051120_24	1214418	2310003	A	804.2	35.3	5/11/2020	-1.437	0.008	1.074	0.2438543	0.000000	0.001951	0.261900
BasinCreek051120_25	1214509	2310064	A	803.7	35.6	5/11/2020	-4.669	0.012	1.811	0.2434659	0.000000	0.002922	0.440917
BasinCreek051120_26	1214523	2310089	A	804.9	35.8	5/11/2020	-2.653	0.012	1.392	0.2436716	0.000000	0.002924	0.339191
BasinCreek051120_27	1214555	2310107	A	805.0	36.0	5/11/2020	32.731	0.013	3.528	0.2435442	7.971444	0.003166	0.859224
BasinCreek051120_28	1214589	2310133	A	805.5	36.2	5/11/2020	-0.67	0.015	0.439	0.2435379	0.000000	0.003653	0.106913
BasinCreek051120_29	1214772	2310165	A	805.7	36.6	5/11/2020	-4.765	0.008	1.235	0.2432838	0.000000	0.001946	0.300455
BasinCreek051120_30	1214880	2310182	A	805.4	36.8	5/11/2020	-3.505	0.01	1.331	0.2430363	0.000000	0.002430	0.323481

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BasinCreek051120_31	1214892	2310182	A	805.4	37.0	5/11/2020	-1.151	0.01	0.957	0.2428796	0.000000	0.002429	0.232436
BasinCreek051120_32	1214940	2310182	A	805.3	37.1	5/11/2020	-3.956	0.01	2.234	0.2427711	0.000000	0.002428	0.542351
BasinCreek051120_33	1215051	2310126	A	805.1	37.4	5/11/2020	-1.188	0.01	1.083	0.2424764	0.000000	0.002425	0.262602
BasinCreek051120_34	1215054	2309966	A	804.5	37.8	5/11/2020	-2.433	0.004	0.644	0.241984	0.000000	0.000968	0.155838
BasinCreek051120_35	1215068	2309829	A	803.8	38.1	5/11/2020	-3.029	0.014	1.644	0.2415404	0.000000	0.003382	0.397092
BasinCreek051120_36	1215065	2309703	A	802.6	38.4	5/11/2020	-3.443	0.01	1.208	0.2409475	0.000000	0.002409	0.291065
BasinCreek051120_37	1214952	2309580	A	802.6	38.6	5/11/2020	-3.492	-0.01	0.125	0.240793	0.000000	0.000000	0.030099
BasinCreek051120_38	1214880	2309463	A	802.3	38.9	5/11/2020	-3.669	0.005	0.402	0.2404716	0.000000	0.001202	0.096670
BasinCreek051120_39	1214786	2309411	A	800.7	39.1	5/11/2020	-4.213	0.017	0.546	0.2398383	0.000000	0.004077	0.130952
BasinCreek051120_40	1214790	2309189	A	799.8	39.3	5/11/2020	-3.59	0.008	0.652	0.2394153	0.000000	0.001915	0.156099
BasinCreek051120_41	1214798	2309053	A	798.0	39.5	5/11/2020	-3.618	0.02	0.674	0.2387237	0.000000	0.004774	0.160900
BasinCreek051120_42	1214584	2309142	A	796.5	40.5	5/11/2020	-1.622	-0.006	-0.347	0.2375153	0.000000	0.000000	0.000000
BasinCreek051120_43	1214541	2309315	A	796.0	40.8	5/11/2020	-3.427	-0.002	1.009	0.2371394	0.000000	0.000000	0.239274
BasinCreek051120_44	1214654	2309312	A	796.5	40.9	5/11/2020	-2.648	0.008	0.833	0.2372128	0.000000	0.001898	0.197598
BasinCreek051120_45	1214658	2309302	A	796.5	41.0	5/11/2020	5.534	0.019	4.439	0.2371373	1.312318	0.004506	1.052652
BasinCreek051120_46	1214652	2309345	A	797.9	41.1	5/11/2020	13.975	0.023	4.61	0.2374785	3.318762	0.005462	1.094776

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BasinCreek051120_47	1214659	2309368	A	798.1	41.3	5/11/2020	-3.304	-0.001	0.988	0.2373869	0.000000	0.000000	0.234538
BasinCreek051120_48	1214687	2309401	A	798.5	41.4	5/11/2020	36.905	0.012	8.66	0.2374304	8.762369	0.002849	2.056147
BasinCreek051120_49	1214737	2309389	A	798.8	41.6	5/11/2020	0	0.011	1.368	0.2373687	0.000000	0.002611	0.324720
BasinCreek051120_50	1214578	2309569	A	798.8	41.6	5/11/2020	-0.099	0.003	0.201	0.2373687	0.000000	0.000712	0.047711
BasinCreek051120_51	1214646	2309689	A	800.7	41.6	5/11/2020	56.685	0.015	9.71	0.2379333	13.487250	0.003569	2.310332
BasinCreek051120_52	1214643	2309702	A	800.7	41.6	5/11/2020	198.045	0.242	5.423	0.2379333	47.121490	0.057580	1.290312
BasinCreek051120_53	1214648	2309733	A	801.2	41.6	5/11/2020	1383.147	2.659	14.299	0.2380819	329.302200	0.633060	3.404332
BasinCreek051220_100	1214611	2308617	A	795.6	42.2	5/12/2020	-0.425	0.026	3.265	0.235968	0.000000	0.006135	0.770435
BasinCreek051220_101	1214695	2308769	A	790.4	42.3	5/12/2020	-1.13	0.024	1.695	0.2343514	0.000000	0.005624	0.397226
BasinCreek051220_102	1214656	2308808	A	791.7	42.4	5/12/2020	-1.678	-0.01	0.677	0.2346624	0.000000	0.000000	0.158866
BasinCreek051220_103	1214667	2308860	A	792.1	42.6	5/12/2020	-1.277	0.001	0.259	0.2346323	0.000000	0.000235	0.060770
BasinCreek051220_104	1214455	2308609	A	792.1	42.7	5/12/2020	-3.689	0.019	1.346	0.234558	0.000000	0.004457	0.315715
BasinCreek051220_105	1214383	2308823	A	791.0	42.8	5/12/2020	-0.927	0.008	1.647	0.2341581	0.000000	0.001873	0.385658
BasinCreek051220_106	1214422	2308855	A	791.4	42.8	5/12/2020	11.513	0	-0.171	0.2342765	2.697226	0.000000	0.000000
BasinCreek051220_107	1209768	2304538	A	795.6	30.0	5/14/2020	0	-0.006	0.337	0.2454643	0.000000	0.000000	0.082721
BasinCreek051220_108	1209966	2304587	A	795.6	31.1	5/14/2020	0	-0.028	0.285	0.2445768	0.000000	0.000000	0.069704

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BasinCreek051220_109	1209964	2304390	A	795.2	32.0	5/14/2020	-0.049	-0.015	5.51	0.2437329	0.000000	0.000000	1.342968
BasinCreek051220_110	1210112	2304411	A	794.9	32.8	5/14/2020	0	-0.005	2.347	0.2430038	0.000000	0.000000	0.570330
BasinCreek051220_111	1210165	2304355	A	794.9	33.5	5/14/2020	0	-0.002	2.279	0.2424491	0.000000	0.000000	0.552542
BasinCreek051220_112	1210195	2304205	A	794.8	34.0	5/14/2020	0	-0.031	3.67	0.242024	0.000000	0.000000	0.888228
BasinCreek051220_113	1210164	2304025	A	794.1	34.7	5/14/2020	0	-0.006	0.315	0.241261	0.000000	0.000000	0.075997
BasinCreek051220_114	1210147	2303797	A	794.2	35.3	5/14/2020	0	-0.011	0.69	0.240822	0.000000	0.000000	0.166167
BasinCreek051220_115	1210182	2303548	A	794.6	35.8	5/14/2020	0	-0.026	0.53	0.2405534	0.000000	0.000000	0.127493
BasinCreek051220_116	1210164	2303373	A	794.4	36.4	5/14/2020	-0.23	-0.03	0.421	0.2400267	0.000000	0.000000	0.101051
BasinCreek051220_117	1210028	2303360	A	794.2	36.9	5/14/2020	0	0	0.771	0.2395793	0.000000	0.000000	0.184716
BasinCreek051220_118	1210023	2303164	A	795.2	37.3	5/14/2020	0	-0.016	0.138	0.2395719	0.000000	0.000000	0.033061
BasinCreek051220_119	1210016	2302983	A	795.5	37.6	5/14/2020	0	0.027	0.281	0.2394309	0.000000	0.006465	0.067280
BasinCreek051220_120	1210005	2302848	A	795.0	37.9	5/14/2020	0	-0.018	0.257	0.2390496	0.000000	0.000000	0.061436
BasinCreek051220_121	1209896	2302681	A	794.6	38.2	5/14/2020	0	-0.006	1.325	0.2386991	0.000000	0.000000	0.316276
BasinCreek051220_122	1209735	2302819	A	793.8	38.5	5/14/2020	-0.301	-0.034	1.593	0.2382292	0.000000	0.000000	0.379499
BasinCreek051220_123	1209733	2302880	A	792.2	38.7	5/14/2020	7.097	0.005	2.026	0.2375966	1.686223	0.001188	0.481371
BasinCreek051220_124	1209733	2302912	A	792.2	39.0	5/14/2020	-0.074	0.011	0.398	0.2373682	0.000000	0.002611	0.094473

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BasinCreek051220_125	1209734	2302930	A	792.5	39.2	5/14/2020	6.22	-0.002	0.486	0.2373061	1.476044	0.000000	0.115331
BasinCreek051220_126	1209718	2303025	A	792.8	39.3	5/14/2020	16.09	-0.013	5.145	0.2373199	3.818478	0.000000	1.221011
BasinCreek051220_127	1209728	2303152	A	793.0	39.6	5/14/2020	78.401	-0.004	19.728	0.2371521	18.592960	0.000000	4.678537
BasinCreek051220_128	1209675	2303249	A	794.4	40.6	5/14/2020	9.132	0.015	6.712	0.2368136	2.162582	0.003552	1.589493
BasinCreek051220_129	1209671	2303280	A	794.1	40.8	5/14/2020	14.45	-0.031	6.707	0.2365734	3.418485	0.000000	1.586697
BasinCreek051220_130	1209798	2303333	A	794.0	41.1	5/14/2020	-13.813	-0.011	0.009	0.2363177	0.000000	0.000000	0.002127
BasinCreek051220_131	1209810	2303511	A	795.0	41.3	5/14/2020	0	-0.036	0.858	0.2364649	0.000000	0.000000	0.202887
BasinCreek051220_132	1209738	2303518	A	794.6	41.4	5/14/2020	4.789	0.018	28.946	0.2362708	1.131501	0.004253	6.839093
BasinCreek051220_133	1209693	2303621	A	794.4	41.6	5/14/2020	0	-0.001	2.021	0.2360612	0.000000	0.000000	0.477080
BasinCreek051220_134	1209682	2303747	A	793.7	41.6	5/14/2020	0	-0.033	8.596	0.2358532	0.000000	0.000000	2.027394
BasinCreek051220_135	1209751	2303772	A	793.7	41.8	5/14/2020	0	-0.041	-2.071	0.2357034	0.000000	0.000000	0.000000
BasinCreek051220_136	1209792	2303943	A	794.1	41.8	5/14/2020	-0.35	-0.048	0.605	0.2358222	0.000000	0.000000	0.142672
BasinCreek051220_137	1209796	2304197	A	794.1	41.8	5/14/2020	-0.37	-0.012	7.715	0.2358222	0.000000	0.000000	1.819368
BasinCreek051220_138	1209789	2304385	A	794.5	41.8	5/14/2020	-0.389	0	3.216	0.235941	0.000000	0.000000	0.758786
BasinCreek051220_139	1209961	2304176	A	794.0	41.8	5/14/2020	-0.243	-0.044	1.91	0.2357925	0.000000	0.000000	0.450364
BasinCreek051220_140	1209983	2303945	A	800.2	41.8	5/14/2020	0	0.004	0.328	0.2376337	0.000000	0.000951	0.077944

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051220_141	1210009	2303850	A	794.8	41.7	5/14/2020	0	-0.025	0.989	0.2361051	0.000000	0.000000	0.233508
BasinCreek051220_142	1210001	2303568	A	795.0	41.6	5/14/2020	-0.284	-0.055	0.328	0.2362395	0.000000	0.000000	0.077487
BasinCreek051220_54	1214309	2310091	A	802.9	29.7	5/12/2020	5.453	-0.014	6.911	0.2479619	1.352136	0.000000	1.713665
BasinCreek051220_55	1214262	2310105	A	802.9	30.6	5/12/2020	-2.629	0.003	3.272	0.2472272	0.000000	0.000742	0.808927
BasinCreek051220_56	1214212	2309969	A	802.5	31.5	5/12/2020	-1.153	0.002	0.047	0.2463741	0.000000	0.000493	0.011580
BasinCreek051220_57	1214224	2309811	A	800.0	32.2	5/12/2020	-0.636	0.004	0.93	0.2450435	0.000000	0.000980	0.227890
BasinCreek051220_58	1214295	2309723	A	798.7	32.9	5/12/2020	-0.891	0.008	2.475	0.2440857	0.000000	0.001953	0.604112
BasinCreek051220_59	1214335	2309619	A	804.1	33.6	5/12/2020	0	0.004	1.112	0.2451752	0.000000	0.000981	0.272635
BasinCreek051220_60	1214356	2309380	A	802.9	35.2	5/12/2020	-0.001	0.012	1.318	0.2435391	0.000000	0.002922	0.320984
BasinCreek051220_61	1214324	2309170	A	792.2	35.7	5/12/2020	-1.232	0.003	1.949	0.2399045	0.000000	0.000720	0.467574
BasinCreek051220_62	1214210	2309070	A	792.2	36.5	5/12/2020	-1.133	0.004	-0.577	0.2392847	0.000000	0.000957	0.000000
BasinCreek051220_63	1214264	2308965	A	790.1	37.1	5/12/2020	-1.25	0.021	1.154	0.2381888	0.000000	0.005002	0.274870
BasinCreek051220_64	1214116	2308779	A	789.4	38.1	5/12/2020	-2.223	0.008	0.372	0.2372132	0.000000	0.001898	0.088243
BasinCreek051220_65	1214069	2308639	A	787.8	38.5	5/12/2020	-0.69	0.005	0.264	0.2364286	0.000000	0.001182	0.062417
BasinCreek051220_66	1214026	2308604	A	787.2	38.7	5/12/2020	-2.255	0	0.215	0.236097	0.000000	0.000000	0.050761
BasinCreek051220_67	1213935	2308438	A	787.2	38.7	5/12/2020	-2.443	-0.002	1.432	0.236097	0.000000	0.000000	0.338091

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051220_68	1214015	2308268	A	785.6	38.7	5/12/2020	-2.427	0.001	0.413	0.2356171	0.000000	0.000236	0.097310
BasinCreek051220_69	1214138	2308105	A	787.1	38.6	5/12/2020	-1.519	-0.001	1.371	0.2361427	0.000000	0.000000	0.323752
BasinCreek051220_70	1214200	2307927	A	787.5	37.5	5/12/2020	-1.003	0.008	1.892	0.2370993	0.000000	0.001897	0.448592
BasinCreek051220_71	1214321	2307828	A	785.1	37.5	5/12/2020	-2.41	0.011	2.428	0.2363767	0.000000	0.002600	0.573923
BasinCreek051220_72	1214511	2307745	A	782.8	37.7	5/12/2020	-2.035	0.019	3.599	0.2355326	0.000000	0.004475	0.847682
BasinCreek051220_73	1214607	2307624	A	781.3	37.9	5/12/2020	-1.579	0.001	0.715	0.2349301	0.000000	0.000235	0.167975
BasinCreek051220_74	1214720	2307590	A	779.4	38.2	5/12/2020	-0.57	0.01	0.244	0.234133	0.000000	0.002341	0.057128
BasinCreek051220_75	1214849	2307438	A	778.7	38.6	5/12/2020	-2.153	0.01	0.306	0.2336226	0.000000	0.002336	0.071489
BasinCreek051220_76	1214910	2307348	A	777.3	38.9	5/12/2020	-1.561	0.014	13.34	0.2329784	0.000000	0.003262	3.107931
BasinCreek051220_77	1214977	2307511	A	776.9	39.4	5/12/2020	-3.316	0.019	-0.62	0.232486	0.000000	0.004417	0.000000
BasinCreek051220_78	1215147	2307407	A	786.8	39.8	5/12/2020	32.972	0.029	6.68	0.2351476	7.753286	0.006819	1.570786
BasinCreek051220_79	1215357	2307346	A	780.5	40.0	5/12/2020	-2.042	0.026	2.848	0.2331157	0.000000	0.006061	0.663914
BasinCreek051220_80	1215361	2307489	A	779.5	40.4	5/12/2020	-1.833	0.009	1.094	0.2325201	0.000000	0.002093	0.254377
BasinCreek051220_81	1215199	2307586	A	786.4	41.0	5/12/2020	-0.001	0.025	1.079	0.2341303	0.000000	0.005853	0.252627
BasinCreek051220_82	1215180	2307730	A	782.4	41.2	5/12/2020	0	0.043	0.343	0.2327912	0.000000	0.010010	0.079847
BasinCreek051220_83	1215078	2307779	A	783.5	41.3	5/12/2020	0	0.022	1.359	0.2330443	0.000000	0.005127	0.316707

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051220_84	1215032	2307953	A	783.7	41.4	5/12/2020	-0.762	0.016	2.327	0.2330297	0.000000	0.003728	0.542260
BasinCreek051220_85	1214977	2308142	A	784.8	41.4	5/12/2020	-2.259	0.005	1.021	0.2333568	0.000000	0.001167	0.238257
BasinCreek051220_86	1214969	2308254	A	786.5	41.4	5/12/2020	-2.61	0.019	0.754	0.2338623	0.000000	0.004443	0.176332
BasinCreek051220_87	1214800	2308180	A	787.1	41.3	5/12/2020	-2.928	-0.024	0.189	0.2341151	0.000000	0.000000	0.044248
BasinCreek051220_88	1214689	2308066	A	787.4	40.9	5/12/2020	0	0.003	0.509	0.2345026	0.000000	0.000704	0.119362
BasinCreek051220_89	1214611	2308060	A	784.1	40.9	5/12/2020	0	0.017	1.534	0.2335198	0.000000	0.003970	0.358219
BasinCreek051220_90	1214622	2308029	A	784.0	41.0	5/12/2020	4.864	-0.053	1.449	0.2334157	1.135334	0.000000	0.338219
BasinCreek051220_91	1214701	2307852	A	783.9	41.4	5/12/2020	-1.636	0.008	0.418	0.2330892	0.000000	0.001865	0.097431
BasinCreek051220_92	1214398	2307961	A	780.9	41.8	5/12/2020	-1.114	0.006	0.392	0.2319022	0.000000	0.001391	0.090906
BasinCreek051220_93	1214390	2308090	A	784.6	41.9	5/12/2020	0	0.032	0.21	0.2329271	0.000000	0.007454	0.048915
BasinCreek051220_94	1214276	2308161	A	785.9	42.0	5/12/2020	-1.97	0.007	0.479	0.233239	0.000000	0.001633	0.111721
BasinCreek051220_95	1214207	2308305	A	787.4	42.0	5/12/2020	0	0.028	1.183	0.2336841	0.000000	0.006543	0.276448
BasinCreek051220_96	1214305	2308358	A	788.5	42.0	5/12/2020	-0.765	0.013	0.419	0.2340106	0.000000	0.003042	0.098050
BasinCreek051220_97	1214503	2308414	A	795.3	42.0	5/12/2020	-1.321	0.026	0.622	0.2360287	0.000000	0.006137	0.146810
BasinCreek051220_98	1214689	2308564	A	791.0	42.0	5/12/2020	-0.967	0.009	0.65	0.2347525	0.000000	0.002113	0.152589
BasinCreek051220_99	1214732	2308499	A	789.4	42.1	5/12/2020	-0.089	0.014	-0.117	0.2342034	0.000000	0.003279	0.000000

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051520_144	1209623	2304195	A	796.8	26.5	5/15/2020	-0.564	-0.002	0.157	0.2487059	0.000000	0.000000	0.039047
BasinCreek051520_145	1209566	2303924	A	797.0	28.2	5/15/2020	-0.903	0.001	1.689	0.247365	0.000000	0.000247	0.417799
BasinCreek051520_146	1209542	2303756	A	795.9	29.4	5/15/2020	3.852	0.001	2.935	0.2460438	0.947761	0.000246	0.722139
BasinCreek051520_147	1209392	2303767	A	795.5	30.8	5/15/2020	-1.283	0.003	0.692	0.2447875	0.000000	0.000734	0.169393
BasinCreek051520_148	1209380	2303612	A	795.0	32.9	5/15/2020	-1.463	0.014	0.784	0.242955	0.000000	0.003401	0.190477
BasinCreek051520_149	1209433	2303532	A	793.6	34.2	5/15/2020	18.994	-0.002	3.2	0.2415013	4.587077	0.000000	0.772804
BasinCreek051520_150	1209413	2303502	A	800.0	34.7	5/15/2020	2.398	0.002	2.529	0.2430535	0.582842	0.000486	0.614682
BasinCreek051520_151	1209373	2303484	A	793.6	35.3	5/15/2020	-1.876	0.004	0.464	0.2406401	0.000000	0.000963	0.111657
BasinCreek051520_152	1209442	2303421	A	793.6	36.2	5/15/2020	-1.579	0.003	0.773	0.23994	0.000000	0.000720	0.185474
BasinCreek051520_153	1209583	2303505	A	793.4	37.1	5/15/2020	-2.607	0.009	2.986	0.2391837	0.000000	0.002153	0.714202
BasinCreek051520_154	1209609	2303508	A	793.2	37.7	5/15/2020	-1.683	0.007	2.333	0.2386618	0.000000	0.001671	0.556798
BasinCreek051520_155	1209563	2303406	A	793.3	38.5	5/15/2020	6.223	0.003	4.038	0.2380792	1.481567	0.000714	0.961364
BasinCreek051520_156	1209528	2303173	A	792.2	39.5	5/15/2020	-1.247	0.003	1.895	0.2369886	0.000000	0.000711	0.449093
BasinCreek051520_157	1209355	2303113	A	854.2	40.4	5/15/2020	-0.002	0.004	0.812	0.2548026	0.000000	0.001019	0.206900
BasinCreek051520_158	1209255	2303086	A	789.4	40.6	5/15/2020	-5.733	-0.001	0.6	0.2353231	0.000000	0.000000	0.141194
BasinCreek051520_159	1209206	2303002	A	788.4	40.7	5/15/2020	-3.332	0.005	0.321	0.2349501	0.000000	0.001175	0.075419

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051520_160	1209295	2302970	A	788.0	40.8	5/15/2020	-4.561	-0.005	0.401	0.2347561	0.000000	0.000000	0.094137
BasinCreek051520_161	1209213	2302833	A	787.2	40.9	5/15/2020	-7.083	-0.008	0.701	0.2344431	0.000000	0.000000	0.164345
BasinCreek051520_162	1209198	2302812	A	785.6	41.0	5/15/2020	-1.935	-0.001	0.703	0.2338921	0.000000	0.000000	0.164426
BasinCreek051520_163	1209333	2302726	A	785.8	41.0	5/15/2020	-3.274	-0.008	0.874	0.2339516	0.000000	0.000000	0.204474
BasinCreek051520_164	1209417	2302695	A	786.8	41.1	5/15/2020	-3.242	0.002	0.432	0.2341748	0.000000	0.000468	0.101164
BasinCreek051520_165	1209519	2302661	A	787.5	41.2	5/15/2020	16.832	0.002	7.449	0.2343086	3.943882	0.000469	1.745365
BasinCreek051520_166	1209498	2302745	A	788.2	41.3	5/15/2020	-2.263	-0.009	1.386	0.2344423	0.000000	0.000000	0.324937
BasinCreek051520_167	1209496	2302752	A	788.2	41.4	5/15/2020	-0.889	0	0.495	0.2343678	0.000000	0.000000	0.116012
BasinCreek051520_168	1209479	2302788	A	787.9	41.3	5/15/2020	-2.992	-0.008	1.588	0.2343531	0.000000	0.000000	0.372153
BasinCreek051520_169	1209472	2302833	A	787.8	41.1	5/15/2020	-0.975	-0.005	0.357	0.2344724	0.000000	0.000000	0.083707
BasinCreek051520_170	1209504	2302829	A	788.2	41.0	5/15/2020	10.562	-0.003	2.554	0.2346662	2.478544	0.000000	0.599337
BasinCreek051520_171	1209510	2302838	A	788.2	40.8	5/15/2020	0	0.01	1.255	0.2348157	0.000000	0.002348	0.294694
BasinCreek051520_172	1209511	2302811	A	788.4	40.6	5/15/2020	-0.004	0.001	6.22	0.235025	0.000000	0.000235	1.461855
BasinCreek051520_173	1209520	2302796	A	788.4	40.6	5/15/2020	102280.4	8.614	1546.295	0.235025	24038.440000	2.024505	363.417900
BasinCreek051520_174	1209520	2302792	A	794.4	40.5	5/15/2020	2012.413	0	75.056	0.2368891	476.718700	0.000000	17.779950
BasinCreek051520_175	1209515	2302793	A	788.4	38.8	5/15/2020	-34.251	-0.144	0.37	0.2363811	0.000000	0.000000	0.087461

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051520_176	1209519	2302797	A	788.2	39.4	5/15/2020	714.824	0.019	27.051	0.2358675	168.603700	0.004481	6.380451
BasinCreek051520_177	1209511	2302796	A	788.0	39.8	5/15/2020	-2.795	-0.01	2.588	0.2355062	0.000000	0.000000	0.609490
BasinCreek051520_178	1209507	2302794	A	787.9	40.1	5/15/2020	-1.564	-0.006	3.483	0.2352508	0.000000	0.000000	0.819379
BasinCreek051520_179	1209526	2302783	A	787.9	40.3	5/15/2020	-2.67	-0.005	3.686	0.2351007	0.000000	0.000000	0.866581
BasinCreek051520_180	1209543	2302768	A	793.0	40.5	5/15/2020	0	0.019	0.589	0.2364716	0.000000	0.004493	0.139282
BasinCreek051520_181	1209574	2302769	A	788.7	40.6	5/15/2020	-0.162	-0.009	0.633	0.2351144	0.000000	0.000000	0.148827
BasinCreek051520_182	1209563	2302798	A	789.0	40.7	5/15/2020	0	-0.006	0.369	0.2351289	0.000000	0.000000	0.086763
BasinCreek051520_183	1209552	2302826	A	789.0	40.8	5/15/2020	0	-0.014	1.057	0.235054	0.000000	0.000000	0.248452
BasinCreek051520_184	1209530	2303007	A	788.8	40.9	5/15/2020	0	0.001	4.671	0.2349196	0.000000	0.000235	1.097309
BasinCreek051520_185	1209632	2303053	A	790.5	41.0	5/15/2020	384.94	0.011	49.644	0.2353509	90.595990	0.002589	11.683760
BasinCreek051520_186	1210315	2304317	A	793.2	40.7	5/15/2020	-1.223	0.001	0.07	0.2363805	0.000000	0.000236	0.016547
BasinCreek051520_187	1210428	2304445	A	793.7	40.7	5/15/2020	0	-0.002	8.931	0.2365295	0.000000	0.000000	2.112445
BasinCreek051520_188	1210398	2304464	A	793.8	40.8	5/15/2020	6.031	-0.002	27.439	0.236484	1.426235	0.000000	6.488883
BasinCreek051520_189	1210351	2304519	A	793.6	41.0	5/15/2020	-4.903	-0.002	4.213	0.2362739	0.000000	0.000000	0.995422
BasinCreek051520_190	1210379	2304545	A	793.0	41.1	5/15/2020	-6.212	0.001	11.987	0.2360201	0.000000	0.000236	2.829173
BasinCreek051520_191	1210334	2304553	A	792.8	41.2	5/15/2020	-1.56	-0.01	-0.191	0.2358855	0.000000	0.000000	0.000000

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051520_192	1210357	2304606	A	792.6	41.3	5/15/2020	-1.501	-0.01	0.222	0.235751	0.000000	0.000000	0.052337
BasinCreek051520_193	1210323	2304608	A	792.6	41.4	5/15/2020	0	0.001	0.169	0.2356761	0.000000	0.000236	0.039829
BasinCreek051520_194	1210297	2304719	A	791.9	41.5	5/15/2020	-0.91	-0.001	0.428	0.2353931	0.000000	0.000000	0.100748
BasinCreek051520_195	1210223	2304555	A	791.5	41.6	5/15/2020	-0.289	-0.001	0.378	0.2351995	0.000000	0.000000	0.088905
BasinCreek051520_196	1210280	2304498	A	793.0	41.7	5/15/2020	0	-0.004	0.437	0.2355703	0.000000	0.000000	0.102944
BasinCreek051520_197	1210305	2304503	A	793.3	41.7	5/15/2020	0	0.007	3.05	0.2356595	0.000000	0.001650	0.718761
BasinCreek051520_198	1210309	2304508	A	793.3	41.7	5/15/2020	3768.568	0.013	28.064	0.2356595	888.098700	0.003064	6.613547
BasinCreek051520_199	1210318	2304526	A	793.3	41.6	5/15/2020	-0.195	0.023	0.682	0.2357343	0.000000	0.005422	0.160771
BasinCreek051520_200	1210334	2304521	A	793.0	41.6	5/15/2020	0	0.018	1.521	0.2356452	0.000000	0.004242	0.358416
BasinCreek051520_201	1210324	2304544	A	792.9	41.7	5/15/2020	-2.501	0.002	0.48	0.2355406	0.000000	0.000471	0.113059
BasinCreek051520_202	1210298	2304530	A	792.9	41.7	5/15/2020	-2.218	0.005	1.123	0.2355406	0.000000	0.001178	0.264512
BasinCreek051820_203	1209773	2302428	A	795.6	32.3	5/18/2020	-2.661	-0.007	0.161	0.243616	0.000000	0.000000	0.039222
BasinCreek051820_204	1209553	2302354	A	795.5	33.1	5/18/2020	-1.568	-0.004	0.005	0.242949	0.000000	0.000000	0.001215
BasinCreek051820_205	1209415	2302392	A	795.5	33.6	5/18/2020	-2.502	-0.003	0.059	0.242553	0.000000	0.000000	0.014311
BasinCreek051820_206	1209283	2302396	A	795.3	34.0	5/18/2020	13.297	0.006	3.559	0.2421763	3.220218	0.001453	0.861905
BasinCreek051820_207	1209255	2302373	A	794.8	34.4	5/18/2020	14.721	0.007	7.342	0.2417092	3.558202	0.001692	1.774629

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051820_208	1209190	2302325	A	794.5	34.9	5/18/2020	-0.631	0.003	1.66	0.2412258	0.000000	0.000724	0.400435
BasinCreek051820_209	1209110	2302141	A	794.4	36.2	5/18/2020	-1.773	-0.003	0.644	0.2401819	0.000000	0.000000	0.154677
BasinCreek051820_210	1209301	2302174	A	791.0	37.4	5/18/2020	7.48	0.013	11.759	0.2382298	1.781959	0.003097	2.801344
BasinCreek051820_211	1209369	2302152	A	791.5	38.1	5/18/2020	2.479	0.024	5.623	0.2378443	0.589616	0.005708	1.337398
BasinCreek051820_212	1209434	2302149	A	797.7	38.7	5/18/2020	0	0.008	2.307	0.2392461	0.000000	0.001914	0.551941
BasinCreek051820_213	1209529	2302122	A	792.6	39.4	5/18/2020	-2.003	-0.002	0.446	0.2371842	0.000000	0.000000	0.105784
BasinCreek051820_214	1209728	2302192	A	793.2	40.0	5/18/2020	-3.429	-0.008	0.013	0.2369089	0.000000	0.000000	0.003080
BasinCreek051820_215	1209579	2302018	A	793.4	40.6	5/18/2020	-4.459	0.004	0.027	0.2365155	0.000000	0.000946	0.006386
BasinCreek051820_216	1209615	2301963	A	792.6	41.0	5/18/2020	-1.472	0.004	0.264	0.2359761	0.000000	0.000944	0.062298
BasinCreek051820_217	1209629	2301865	A	792.8	41.4	5/18/2020	-5.985	0.001	0.429	0.2357355	0.000000	0.000236	0.101131
BasinCreek051820_218	1209500	2301918	A	793.0	41.8	5/18/2020	-3.244	0.001	1.175	0.2354955	0.000000	0.000235	0.276707
BasinCreek051820_219	1209485	2301925	A	790.3	41.9	5/18/2020	38.106	0.002	19.743	0.2346192	8.940400	0.000469	4.632087
BasinCreek051820_220	1209446	2301929	A	789.9	42.0	5/18/2020	-5.823	-0.004	5.942	0.2344261	0.000000	0.000000	1.392960
BasinCreek051820_221	1209431	2301945	A	789.5	42.0	5/18/2020	-2.727	0.008	1.524	0.2343074	0.000000	0.001874	0.357084
BasinCreek051820_222	1209423	2301989	A	789.5	42.0	5/18/2020	-3.076	-0.001	1.411	0.2343074	0.000000	0.000000	0.330608
BasinCreek051820_223	1209379	2301998	A	789.6	42.0	5/18/2020	-4.65	0.003	1.696	0.234337	0.000000	0.000703	0.397436

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051820_224	1209349	2301994	A	789.1	42.0	5/18/2020	39.408	0.004	8.884	0.2341886	9.228907	0.000937	2.080532
BasinCreek051820_225	1209357	2301959	A	788.8	42.1	5/18/2020	-1.757	0.013	2.096	0.2340254	0.000000	0.003042	0.490517
BasinCreek051820_226	1209381	2301944	A	788.8	42.1	5/18/2020	1054.802	0.012	65.592	0.2340254	246.850400	0.002808	15.350190
BasinCreek051820_227	1209382	2301943	A	788.6	42.2	5/18/2020	21328.18	2.403	140.916	0.2338918	4988.488000	0.562042	32.959100
BasinCreek051820_228	1209385	2301906	A	788.6	42.3	5/18/2020	20.113	-0.102	9.093	0.2338177	4.702775	0.000000	2.126104
BasinCreek051820_229	1209367	2301908	A	788.3	42.4	5/18/2020	-1.787	-0.012	1.272	0.2336547	0.000000	0.000000	0.297209
BasinCreek051820_230	1209323	2301871	A	788.2	42.3	5/18/2020	93.428	-0.007	12.294	0.2336991	21.834040	0.000000	2.873096
BasinCreek051820_231	1209404	2301756	A	787.6	42.3	5/18/2020	200.08	0.001	15.442	0.2335212	46.722920	0.000234	3.606034
BasinCreek051820_232	1209436	2301747	A	789.9	42.3	5/18/2020	-1.53	-0.005	3.337	0.2342031	0.000000	0.000000	0.781536
BasinCreek051820_233	1209432	2301783	A	790.3	42.3	5/18/2020	0	0.001	13.952	0.2343217	0.000000	0.000234	3.269257
BasinCreek051820_234	1209407	2301812	A	789.9	42.4	5/18/2020	-2.563	0.007	6.365	0.2341289	0.000000	0.001639	1.490230
BasinCreek051820_235	1209374	2301771	A	789.3	42.5	5/18/2020	-1.459	0.002	4.018	0.2338769	0.000000	0.000468	0.939718
BasinCreek051820_236	1209410	2301714	A	789.3	42.6	5/18/2020	-1.209	0.001	2.535	0.2338029	0.000000	0.000234	0.592690
BasinCreek051820_237	1209435	2301636	A	789.6	42.7	5/18/2020	-1.52	0	0.058	0.2338177	0.000000	0.000000	0.013561
BasinCreek051820_238	1209384	2301571	A	791.3	42.8	5/18/2020	-4.097	0.001	0.038	0.2342469	0.000000	0.000234	0.008901
BasinCreek051820_239	1209273	2301545	A	790.2	42.8	5/18/2020	-1.497	0.001	-0.055	0.2339213	0.000000	0.000234	0.000000

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051820_240	1209149	2301461	A	787.8	42.8	5/18/2020	-1.363	0.003	-0.007	0.2332108	0.000000	0.000700	0.000000
BasinCreek051820_241	1209133	2301382	A	787.8	42.8	5/18/2020	-1.33	0	-0.742	0.2332108	0.000000	0.000000	0.000000
BasinCreek051820_242	1209078	2301331	A	788.9	42.9	5/18/2020	20.811	0.002	2.164	0.2334626	4.858590	0.000467	0.505213
BasinCreek051820_243	1209075	2301311	A	789.8	43.0	5/18/2020	973.025	0.019	18.837	0.233655	227.352200	0.004439	4.401359
BasinCreek051820_244	1209112	2301316	A	790.1	43.2	5/18/2020	-2.216	0	0.577	0.233596	0.000000	0.000000	0.134785
BasinCreek051820_245	1209177	2301317	A	790.2	43.5	5/18/2020	-1.677	-0.002	0.3	0.2334042	0.000000	0.000000	0.070021
BasinCreek051820_246	1209028	2301231	A	790.2	43.9	5/18/2020	11.778	0.003	0.929	0.2331097	2.745566	0.000699	0.216559
BasinCreek051820_247	1209011	2301196	A	789.4	44.1	5/18/2020	-2.597	0	0.963	0.2327269	0.000000	0.000000	0.224116
BasinCreek051820_248	1208986	2301156	A	789.1	44.2	5/18/2020	473.545	0.004	14.207	0.2325652	110.130100	0.000930	3.304053
BasinCreek051820_249	1208934	2301068	A	789.0	44.2	5/18/2020	-1.177	0.002	1.688	0.2325357	0.000000	0.000465	0.392520
BasinCreek051820_250	1208873	2300958	A	789.0	44.4	5/18/2020	21.173	0.006	4.931	0.2323892	4.920377	0.001394	1.145911
BasinCreek051820_251	1208934	2300915	A	787.6	44.6	5/18/2020	-0.641	0.002	2.853	0.2318309	0.000000	0.000464	0.661413
BasinCreek051820_252	1208986	2300964	A	788.0	44.7	5/18/2020	-3.014	0.001	0.492	0.2318756	0.000000	0.000232	0.114083
BasinCreek051820_253	1209032	2301041	A	789.3	44.9	5/18/2020	-3.769	0.005	0.636	0.2321121	0.000000	0.001161	0.147623
BasinCreek051820_254	1209071	2301062	A	790.8	45.1	5/18/2020	-1.929	0.01	0.839	0.2324071	0.000000	0.002324	0.194990
BasinCreek051820_255	1209110	2301148	A	791.2	45.3	5/18/2020	-3.662	0.003	0.604	0.2323786	0.000000	0.000697	0.140357

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051920_01	1209109	2302480	A	789.8	29.3	5/19/2020	-0.993	-0.002	0.317	0.2442388	0.000000	0.000000	0.077424
BasinCreek051920_02	1208986	2302506	A	789.9	30.7	5/19/2020	-1.097	0.001	0.654	0.2431442	0.000000	0.000243	0.159016
BasinCreek051920_03	1208883	2302348	A	787.9	31.8	5/19/2020	-1.599	0	0.247	0.2416538	0.000000	0.000000	0.059688
BasinCreek051920_04	1208885	2302150	A	786.8	32.5	5/19/2020	-0.449	0.004	0.859	0.2407637	0.000000	0.000963	0.206816
BasinCreek051920_05	1208719	2301934	A	786.5	33.7	5/19/2020	-2.48	-0.005	0.352	0.2397307	0.000000	0.000000	0.084385
BasinCreek051920_06	1208785	2301767	A	784.4	34.3	5/19/2020	-3.741	-0.004	0.306	0.238624	0.000000	0.000000	0.073019
BasinCreek051920_07	1208946	2301964	A	784.8	34.9	5/19/2020	-3.225	0	0.534	0.2382807	0.000000	0.000000	0.127242
BasinCreek051920_08	1209019	2301811	A	786.5	35.4	5/19/2020	-3.109	0.004	0.514	0.2384099	0.000000	0.000954	0.122543
BasinCreek051920_09	1209093	2301903	A	784.3	35.7	5/19/2020	-2.534	0	0.201	0.2375121	0.000000	0.000000	0.047740
BasinCreek051920_10	1209154	2301753	A	784.7	36.2	5/19/2020	-3.548	-0.003	0.909	0.2372491	0.000000	0.000000	0.215659
BasinCreek051920_11	1208931	2301573	A	783.2	36.8	5/19/2020	-1.687	-0.001	0.177	0.2363372	0.000000	0.000000	0.041832
BasinCreek051920_12	1208822	2301515	A	782.4	37.3	5/19/2020	-2.069	-0.001	-0.06	0.2357156	0.000000	0.000000	0.000000
BasinCreek051920_13	1208777	2301383	A	782.2	37.7	5/19/2020	-3.012	-0.004	0.464	0.2353521	0.000000	0.000000	0.109203
BasinCreek051920_14	1208830	2301305	A	782.1	38.1	5/19/2020	-2.24	0.003	0.355	0.2350196	0.000000	0.000705	0.083432
BasinCreek051920_15	1208703	2301204	A	782.6	38.3	5/19/2020	-1.19	-0.004	0.23	0.2350188	0.000000	0.000000	0.054054
BasinCreek051920_16	1208634	2301187	A	780.9	38.3	5/19/2020	-3.575	-0.006	0.384	0.2345083	0.000000	0.000000	0.090051

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051920_17	1208527	2301144	A	780.6	38.3	5/19/2020	-1.291	-0.005	0.302	0.2344182	0.000000	0.000000	0.070794
BasinCreek051920_18	1208479	2300982	A	785.9	38.2	5/19/2020	-0.158	-0.001	0.2	0.2360856	0.000000	0.000000	0.047217
BasinCreek051920_19	1208573	2300805	A	779.1	37.8	5/19/2020	-1.434	-0.001	0.367	0.234344	0.000000	0.000000	0.086004
BasinCreek051920_20	1208650	2300750	A	780.5	37.7	5/19/2020	-0.143	0.001	12.305	0.2348406	0.000000	0.000235	2.889714
BasinCreek051920_21	1208661	2300973	A	781.4	37.7	5/19/2020	97.452	0.001	27.482	0.2351114	22.912080	0.000235	6.461331
BasinCreek051920_22	1208791	2300719	A	782.2	38.3	5/19/2020	-3.904	-0.002	0.706	0.2348987	0.000000	0.000000	0.165838
BasinCreek051920_23	1208758	2300636	A	781.3	38.8	5/19/2020	-2.784	-0.001	0.662	0.2342523	0.000000	0.000000	0.155075
BasinCreek051920_24	1208769	2300369	A	780.0	39.4	5/19/2020	-4.038	-0.004	0.478	0.2334136	0.000000	0.000000	0.111572
BasinCreek051920_25	1208759	2300130	A	777.3	39.9	5/19/2020	-2.765	0.002	0.855	0.2322342	0.000000	0.000464	0.198560
BasinCreek051920_26	1208680	2299993	A	778.3	40.2	5/19/2020	-5.661	0.006	2.035	0.2323103	0.000000	0.001394	0.472751
BasinCreek051920_27	1208959	2300175	A	778.2	40.6	5/19/2020	-1.878	-0.006	0.166	0.2319843	0.000000	0.000000	0.038509
BasinCreek051920_28	1209001	2300164	A	781.7	40.7	5/19/2020	-2.449	-0.003	0.774	0.2329534	0.000000	0.000000	0.180306
BasinCreek051920_29	1209026	2300274	A	782.6	40.6	5/19/2020	-2.961	-0.005	0.721	0.233296	0.000000	0.000000	0.168206
BasinCreek051920_30	1209017	2300359	A	781.7	40.5	5/19/2020	289.925	0.006	7.02	0.233102	67.582090	0.001399	1.636376
BasinCreek051920_31	1209036	2300354	A	781.3	40.5	5/19/2020	-3.481	-0.003	3.188	0.2329827	0.000000	0.000000	0.742749
BasinCreek051920_32	1209035	2300420	A	781.2	40.6	5/19/2020	-1.684	-0.003	0.665	0.2328786	0.000000	0.000000	0.154864

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek051920_33	1209093	2300403	A	781.4	40.8	5/19/2020	-2.466	-0.002	0.444	0.2327898	0.000000	0.000000	0.103359
BasinCreek051920_34	1209094	2300466	A	782.8	41.0	5/19/2020	-5.531	-0.003	0.377	0.2330585	0.000000	0.000000	0.087863
BasinCreek051920_35	1209081	2300461	A	782.5	41.2	5/19/2020	-3.45	0.002	0.539	0.2328209	0.000000	0.000466	0.125490
BasinCreek051920_36	1209100	2300548	A	782.5	41.4	5/19/2020	-6.634	0	0.39	0.2326729	0.000000	0.000000	0.090742
BasinCreek051920_37	1209115	2300607	A	782.9	41.6	5/19/2020	-5.56	0.002	0.329	0.2326439	0.000000	0.000465	0.076540
BasinCreek051920_38	1209151	2300735	A	782.4	41.8	5/19/2020	-1.488	0.002	0.355	0.2323477	0.000000	0.000465	0.082483
BasinCreek051920_39	1209110	2300719	A	783.2	41.9	5/19/2020	21.992	0.015	6.479	0.2325114	5.113391	0.003488	1.506442
BasinCreek051920_40	1208954	2300607	A	782.5	42.0	5/19/2020	-7.678	0.001	0.822	0.2322299	0.000000	0.000232	0.190893
BasinCreek051920_41	1209017	2300813	A	780.4	42.0	5/19/2020	-2.516	0.001	2.073	0.2316067	0.000000	0.000232	0.480121
BasinCreek051920_42	1209137	2300882	A	783.7	42.1	5/19/2020	-2.396	0	-0.049	0.2325123	0.000000	0.000000	0.000000
BasinCreek052120_100	1210933	2304622	A	792.4	41.0	5/21/2020	-2.628	-0.007	0.034	0.2359166	0.000000	0.000000	0.008021
BasinCreek052120_101	1210945	2304795	A	789.0	41.4	5/21/2020	-3.758	0.006	0.582	0.2346056	0.000000	0.001408	0.136540
BasinCreek052120_102	1210969	2304997	A	788.2	41.7	5/21/2020	-5.477	0.011	1.001	0.2341444	0.000000	0.002576	0.234379
BasinCreek052120_103	1210833	2305048	A	788.8	42.0	5/21/2020	-4.598	0.011	0.843	0.2340996	0.000000	0.002575	0.197346
BasinCreek052120_104	1210553	2304985	A	788.8	42.2	5/21/2020	-1.184	-0.003	0.04	0.2339512	0.000000	0.000000	0.009358
BasinCreek052120_105	1210573	2304857	A	790.5	42.4	5/21/2020	-6.48	0.017	0.48	0.2343068	0.000000	0.003983	0.112467

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052120_106	1210675	2304808	A	791.7	42.5	5/21/2020	-1.618	0.017	0.947	0.2345881	0.000000	0.003988	0.222155
BasinCreek052120_107	1210758	2304604	A	790.9	42.5	5/21/2020	-5.734	0.008	0.052	0.234351	0.000000	0.001875	0.012186
BasinCreek052120_108	1210740	2304506	A	790.6	42.4	5/21/2020	-0.765	0.017	1.848	0.2343364	0.000000	0.003984	0.433054
BasinCreek052120_109	1210619	2304600	A	792.1	42.3	5/21/2020	-5.242	0.007	0.836	0.2348554	0.000000	0.001644	0.196339
BasinCreek052120_110	1210532	2304447	A	792.8	42.2	5/21/2020	-1.413	0.006	2.18	0.2351375	0.000000	0.001411	0.512600
BasinCreek052120_43	1210326	2304153	A	794.5	25.4	5/21/2020	-2.683	0.003	2.21	0.2489017	0.000000	0.000747	0.550073
BasinCreek052120_44	1210375	2304037	A	794.0	26.6	5/21/2020	-0.499	0	-0.101	0.2477493	0.000000	0.000000	0.000000
BasinCreek052120_45	1210498	2304181	A	794.0	27.9	5/21/2020	-0.323	0.004	0.223	0.2466795	0.000000	0.000987	0.055010
BasinCreek052120_46	1210504	2303977	A	794.2	28.9	5/21/2020	-1.16	-0.001	0.269	0.2459247	0.000000	0.000000	0.066154
BasinCreek052120_47	1210542	2303870	A	792.9	29.6	5/21/2020	-1.461	0	0.305	0.2449545	0.000000	0.000000	0.074711
BasinCreek052120_48	1210681	2303841	A	791.5	30.3	5/21/2020	-2.309	-0.003	1.701	0.2439579	0.000000	0.000000	0.414972
BasinCreek052120_49	1210743	2303947	A	790.1	30.9	5/21/2020	-1.131	-0.001	0.878	0.2430458	0.000000	0.000000	0.213394
BasinCreek052120_50	1210871	2303617	A	790.1	32.2	5/21/2020	-0.736	0.009	0.335	0.2420111	0.000000	0.002178	0.081074
BasinCreek052120_51	1211000	2303450	A	789.3	33.2	5/21/2020	-1.38	0.002	0.199	0.2409769	0.000000	0.000482	0.047954
BasinCreek052120_52	1211024	2303572	A	787.1	34.0	5/21/2020	-0.514	0.015	1.117	0.2396793	0.000000	0.003595	0.267722
BasinCreek052120_53	1210993	2303669	A	787.0	34.6	5/21/2020	-0.93	0.001	0.384	0.2391816	0.000000	0.000239	0.091846

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052120_54	1211157	2303685	A	786.8	35.3	5/21/2020	-0.454	0.015	0.102	0.2385782	0.000000	0.003579	0.024335
BasinCreek052120_55	1211216	2303568	A	787.1	35.6	5/21/2020	-2.762	0.01	2.515	0.2384372	0.000000	0.002384	0.599670
BasinCreek052120_56	1211192	2303473	A	785.8	35.9	5/21/2020	-3.5	0.006	4.87	0.2378123	0.000000	0.001427	1.158146
BasinCreek052120_57	1211328	2303388	A	784.7	36.2	5/21/2020	-0.878	0	0.173	0.2372491	0.000000	0.000000	0.041044
BasinCreek052120_58	1211391	2303438	A	783.5	36.6	5/21/2020	-2.046	0.004	0.351	0.2365804	0.000000	0.000946	0.083040
BasinCreek052120_59	1211553	2303328	A	784.1	37.0	5/21/2020	-2.463	-0.002	0.276	0.2364562	0.000000	0.000000	0.065262
BasinCreek052120_60	1211602	2303489	A	788.4	37.6	5/21/2020	-0.554	0.012	0.943	0.2372939	0.000000	0.002848	0.223768
BasinCreek052120_61	1211613	2303703	A	784.4	38.2	5/21/2020	-1.952	0.008	0.554	0.235635	0.000000	0.001885	0.130542
BasinCreek052120_62	1211464	2303791	A	789.0	38.8	5/21/2020	-4.869	-0.001	0.144	0.236561	0.000000	0.000000	0.034065
BasinCreek052120_63	1211385	2303818	A	789.5	39.0	5/21/2020	-1.662	0.001	0.338	0.2365592	0.000000	0.000237	0.079957
BasinCreek052120_64	1211212	2303982	A	791.7	39.5	5/21/2020	-1.856	-0.004	0.919	0.2368391	0.000000	0.000000	0.217655
BasinCreek052120_65	1211233	2304116	A	792.5	39.8	5/21/2020	-2.202	0.008	0.532	0.2368511	0.000000	0.001895	0.126005
BasinCreek052120_66	1211360	2304199	A	792.2	40.1	5/21/2020	-2.333	-0.014	0.299	0.2365347	0.000000	0.000000	0.070724
BasinCreek052120_67	1211479	2304187	A	791.0	40.5	5/21/2020	-1.961	0.005	0.099	0.2358752	0.000000	0.001179	0.023352
BasinCreek052120_68	1211662	2304224	A	788.7	40.7	5/21/2020	-2.992	0	-0.038	0.2350395	0.000000	0.000000	0.000000
BasinCreek052120_69	1211692	2304352	A	786.8	40.8	5/21/2020	-3.959	0.004	0.221	0.2343986	0.000000	0.000938	0.051802

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052120_70	1211723	2304413	A	793.2	41.0	5/21/2020	-0.002	0.006	0.167	0.2361548	0.000000	0.001417	0.039438
BasinCreek052120_71	1211744	2304563	A	787.0	41.1	5/21/2020	-2.394	-0.001	0.357	0.2342343	0.000000	0.000000	0.083622
BasinCreek052120_72	1211945	2304618	A	791.1	41.0	5/21/2020	-2.02	0.019	1.008	0.2355296	0.000000	0.004475	0.237414
BasinCreek052120_73	1212112	2304588	A	781.7	40.8	5/21/2020	-3.08	-0.005	1.014	0.2328792	0.000000	0.000000	0.236140
BasinCreek052120_74	1212070	2304419	A	780.5	40.7	5/21/2020	-7.027	0.018	4.613	0.2325958	0.000000	0.004187	1.072964
BasinCreek052120_75	1212023	2304317	A	781.8	40.8	5/21/2020	-1.986	-0.005	0.769	0.232909	0.000000	0.000000	0.179107
BasinCreek052120_76	1212169	2304340	A	782.8	40.9	5/21/2020	-0.188	0.004	1.721	0.2331327	0.000000	0.000933	0.401221
BasinCreek052120_77	1212217	2304259	A	781.4	40.9	5/21/2020	-1.373	0	0.359	0.2327157	0.000000	0.000000	0.083545
BasinCreek052120_78	1212308	2304177	A	787.9	40.9	5/21/2020	-1.131	0.005	0.271	0.2346515	0.000000	0.001173	0.063591
BasinCreek052120_79	1212423	2304426	A	780.8	40.8	5/21/2020	-2.585	0.001	12.363	0.2326111	0.000000	0.000233	2.875771
BasinCreek052120_80	1212402	2304458	A	779.1	40.8	5/21/2020	-2.88	0.004	4.242	0.2321046	0.000000	0.000928	0.984588
BasinCreek052120_81	1212327	2304543	A	779.0	40.8	5/21/2020	-2.336	-0.004	1.854	0.2320749	0.000000	0.000000	0.430267
BasinCreek052120_82	1212245	2304759	A	778.6	40.7	5/21/2020	-1.339	0.008	1.288	0.2320296	0.000000	0.001856	0.298854
BasinCreek052120_83	1211793	2305041	A	780.0	40.7	5/21/2020	-2.012	-0.002	0.345	0.2324468	0.000000	0.000000	0.080194
BasinCreek052120_84	1211786	2305114	A	783.0	40.7	5/21/2020	-0.965	0.002	0.865	0.2333408	0.000000	0.000467	0.201840
BasinCreek052120_85	1211639	2304999	A	783.3	40.7	5/21/2020	-2.909	-0.004	0.689	0.2334302	0.000000	0.000000	0.160833

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052120_86	1211550	2304737	A	783.5	40.7	5/21/2020	-3.362	-0.002	0.425	0.2334898	0.000000	0.000000	0.099233
BasinCreek052120_87	1211629	2304697	A	783.3	40.7	5/21/2020	-1.775	0.005	-0.009	0.2334302	0.000000	0.001167	0.000000
BasinCreek052120_88	1211451	2304782	A	783.5	40.6	5/21/2020	-1.481	0.005	2.306	0.2335643	0.000000	0.001168	0.538599
BasinCreek052120_89	1211398	2305026	A	784.1	40.4	5/21/2020	-2.61	0.023	0.108	0.2338922	0.000000	0.005380	0.025260
BasinCreek052120_90	1211297	2304989	A	784.9	40.5	5/21/2020	-1.488	0.005	0.354	0.2340562	0.000000	0.001170	0.082856
BasinCreek052120_91	1211238	2304861	A	785.5	40.5	5/21/2020	-2.544	0.003	0.625	0.2342351	0.000000	0.000703	0.146397
BasinCreek052120_92	1211184	2304765	A	785.8	40.6	5/21/2020	-5.399	0.009	0.558	0.2342499	0.000000	0.002108	0.130711
BasinCreek052120_93	1211330	2304646	A	784.8	40.8	5/21/2020	-2.044	0.022	-0.063	0.2338028	0.000000	0.005144	0.000000
BasinCreek052120_94	1211375	2304525	A	785.9	40.8	5/21/2020	-3.726	0.007	0.386	0.2341305	0.000000	0.001639	0.090374
BasinCreek052120_95	1211218	2304363	A	788.0	40.9	5/21/2020	-5.284	0.005	0.245	0.2346813	0.000000	0.001173	0.057497
BasinCreek052120_96	1210978	2304149	A	791.4	41.0	5/21/2020	-3.791	0.006	6.03	0.2356189	0.000000	0.001414	1.420782
BasinCreek052120_97	1210928	2304075	A	790.6	41.0	5/21/2020	-5.419	-0.008	0.38	0.2353807	0.000000	0.000000	0.089445
BasinCreek052120_98	1210745	2304134	A	789.9	40.9	5/21/2020	-1.942	0.007	-0.241	0.2352472	0.000000	0.001647	0.000000
BasinCreek052120_99	1210946	2304352	A	790.3	40.7	5/21/2020	-3.083	0.011	2.865	0.2355163	0.000000	0.002591	0.674754
BasinCreek052220_111	1212330	2305921	A	786.7	35.7	5/22/2020	-1.366	-0.009	0.042	0.2382389	0.000000	0.000000	0.010006
BasinCreek052220_112	1212452	2306046	A	786.5	36.6	5/22/2020	-0.004	-0.029	0.392	0.2374863	0.000000	0.000000	0.093095

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052220_113	1212806	2306025	A	788.6	38.0	5/22/2020	-0.192	-0.001	2.3	0.237049	0.000000	0.000000	0.545213
BasinCreek052220_114	1212926	2306044	A	785.5	38.4	5/22/2020	-0.099	-0.001	1.09	0.235814	0.000000	0.000000	0.257037
BasinCreek052220_115	1213003	2306138	A	785.3	38.8	5/22/2020	-0.222	-0.001	0.017	0.2354516	0.000000	0.000000	0.004003
BasinCreek052220_116	1213329	2305980	A	785.9	39.3	5/22/2020	-0.128	-0.006	0.68	0.2352545	0.000000	0.000000	0.159973
BasinCreek052220_117	1213311	2306119	A	783.3	39.6	5/22/2020	-0.153	-0.002	0.509	0.2342512	0.000000	0.000000	0.119234
BasinCreek052220_118	1213222	2306182	A	784.1	39.8	5/22/2020	-0.131	-0.006	0.346	0.2343406	0.000000	0.000000	0.081082
BasinCreek052220_119	1213167	2306320	A	784.7	40.0	5/22/2020	-0.478	-0.001	0.005	0.2343702	0.000000	0.000000	0.001172
BasinCreek052220_120	1213307	2306518	A	784.9	40.1	5/22/2020	-0.238	-0.031	0.178	0.2343551	0.000000	0.000000	0.041715
BasinCreek052220_121	1213370	2306405	A	786.3	40.2	5/22/2020	-0.361	-0.002	0.326	0.2346982	0.000000	0.000000	0.076512
BasinCreek052220_122	1213582	2306421	A	786.0	40.4	5/22/2020	-0.458	-0.002	0.665	0.234459	0.000000	0.000000	0.155915
BasinCreek052220_123	1213613	2306538	A	783.3	40.4	5/22/2020	-0.286	-0.001	0.274	0.2336536	0.000000	0.000000	0.064021
BasinCreek052220_124	1213687	2306623	A	783.2	40.4	5/22/2020	-0.394	-0.021	0.267	0.2336237	0.000000	0.000000	0.062378
BasinCreek052220_125	1213969	2306591	A	782.8	40.4	5/22/2020	0	0	1.054	0.2335044	0.000000	0.000000	0.246114
BasinCreek052220_126	1213958	2306707	A	780.8	40.5	5/22/2020	0	-0.002	1.03	0.2328336	0.000000	0.000000	0.239819
BasinCreek052220_127	1214093	2306789	A	781.3	40.7	5/22/2020	0	-0.019	0.242	0.2328342	0.000000	0.000000	0.056346
BasinCreek052220_128	1214229	2306899	A	780.0	41.0	5/22/2020	0	-0.007	-0.417	0.2322248	0.000000	0.000000	0.000000

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052220_129	1214418	2306939	A	778.6	41.2	5/22/2020	0	-0.001	0.72	0.2316605	0.000000	0.000000	0.166796
BasinCreek052220_130	1214350	2307030	A	777.5	41.4	5/22/2020	0	-0.002	0.631	0.2311862	0.000000	0.000000	0.145878
BasinCreek052220_131	1214371	2307108	A	784.7	41.5	5/22/2020	0	-0.005	2.096	0.2332529	0.000000	0.000000	0.488898
BasinCreek052220_132	1214292	2307327	A	777.9	41.7	5/22/2020	-0.976	-0.049	0.264	0.2310847	0.000000	0.000000	0.061006
BasinCreek052220_133	1214435	2307376	A	777.0	41.9	5/22/2020	-0.078	-0.03	0.609	0.2306708	0.000000	0.000000	0.140479
BasinCreek052220_134	1214619	2307390	A	776.9	42.1	5/22/2020	-0.009	-0.012	0.382	0.2304948	0.000000	0.000000	0.088049
BasinCreek052220_135	1214704	2307404	A	776.3	42.3	5/22/2020	-0.49	-0.001	0.684	0.2301708	0.000000	0.000000	0.157437
BasinCreek052220_136	1214865	2307324	A	776.3	42.5	5/22/2020	1.83	0.016	12.652	0.2300249	0.420946	0.003680	2.910275
BasinCreek052220_137	1214931	2307245	A	775.1	42.4	5/22/2020	22.197	0.006	2.373	0.2297421	5.099586	0.001378	0.545178
BasinCreek052220_138	1214811	2307198	A	775.1	42.3	5/22/2020	-0.839	-0.006	1.71	0.229815	0.000000	0.000000	0.392984
BasinCreek052220_139	1214953	2307164	A	774.2	42.1	5/22/2020	-0.082	-0.006	0.523	0.2296938	0.000000	0.000000	0.120130
BasinCreek052220_140	1214954	2306988	A	774.3	42.0	5/22/2020	-0.197	-0.036	0.119	0.2297963	0.000000	0.000000	0.027346
BasinCreek052220_141	1215119	2306999	A	773.8	41.9	5/22/2020	-0.18	-0.022	1.839	0.2297208	0.000000	0.000000	0.422457
BasinCreek052220_142	1215133	2307036	A	772.7	42.0	5/22/2020	-0.473	-0.024	0.03	0.2293215	0.000000	0.000000	0.006880
BasinCreek052220_143	1215226	2306854	A	772.8	42.1	5/22/2020	-0.28	-0.037	1.503	0.2292784	0.000000	0.000000	0.344605
BasinCreek052220_144	1215306	2306753	A	773.5	42.3	5/22/2020	11.35	0.012	4.709	0.2293406	2.603015	0.002752	1.079965

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052220_145	1215260	2306741	A	773.2	42.5	5/22/2020	-1.449	-0.021	1.411	0.2291064	0.000000	0.000000	0.323269
BasinCreek052220_146	1215268	2306659	A	773.4	42.7	5/22/2020	0	-0.01	0.874	0.2290205	0.000000	0.000000	0.200164
BasinCreek052620_147	1213632	2306136	A	789.6	28.3	5/26/2020	-2.498	0	0.436	0.244987	0.000000	0.000000	0.106814
BasinCreek052620_148	1213701	2306182	A	789.8	28.8	5/26/2020	-0.386	-0.005	0.204	0.2446432	0.000000	0.000000	0.049907
BasinCreek052620_149	1213832	2306395	A	789.4	29.8	5/26/2020	-0.528	-0.001	1.343	0.2437122	0.000000	0.000000	0.327305
BasinCreek052620_150	1213977	2306436	A	788.2	30.4	5/26/2020	0	-0.003	0.108	0.2428607	0.000000	0.000000	0.026229
BasinCreek052620_151	1214104	2306420	A	787.9	30.6	5/26/2020	-0.764	-0.003	0.339	0.2426085	0.000000	0.000000	0.082244
BasinCreek052620_152	1214253	2306586	A	787.4	30.7	5/26/2020	-0.518	-0.001	2.666	0.2423747	0.000000	0.000000	0.646171
BasinCreek052620_153	1214426	2306773	A	785.2	30.7	5/26/2020	-0.847	-0.005	0.035	0.2416975	0.000000	0.000000	0.008459
BasinCreek052620_154	1214501	2306737	A	782.6	30.7	5/26/2020	-0.761	-0.002	0.187	0.2408972	0.000000	0.000000	0.045048
BasinCreek052620_155	1214544	2306827	A	782.4	30.7	5/26/2020	-0.183	-0.002	1.111	0.2408356	0.000000	0.000000	0.267568
BasinCreek052620_156	1214621	2306867	A	780.8	30.8	5/26/2020	-0.566	-0.001	1.358	0.240264	0.000000	0.000000	0.326279
BasinCreek052620_157	1214644	2307052	A	780.4	30.9	5/26/2020	-0.536	-0.001	2.472	0.240062	0.000000	0.000000	0.593433
BasinCreek052620_158	1214727	2306907	A	779.8	31.2	5/26/2020	0	-0.001	0.842	0.239641	0.000000	0.000000	0.201778
BasinCreek052620_159	1214770	2306805	A	780.2	31.5	5/26/2020	0	-0.002	4.275	0.2395278	0.000000	0.000000	1.023981
BasinCreek052620_160	1214935	2306744	A	781.3	31.9	5/26/2020	0	-0.002	0.557	0.2395509	0.000000	0.000000	0.133430

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052620_161	1214977	2306604	A	780.0	32.2	5/26/2020	0	-0.002	1.15	0.2389174	0.000000	0.000000	0.274755
BasinCreek052620_162	1214859	2306569	A	779.8	32.7	5/26/2020	-0.456	-0.003	0.262	0.2384657	0.000000	0.000000	0.062478
BasinCreek052620_163	1214571	2306519	A	781.3	33.4	5/26/2020	-0.391	-0.005	0.129	0.2383788	0.000000	0.000000	0.030751
BasinCreek052620_164	1214474	2306533	A	784.0	33.8	5/26/2020	-0.684	-0.01	0.646	0.2388909	0.000000	0.000000	0.154324
BasinCreek052620_165	1214539	2306367	A	784.7	34.2	5/26/2020	-0.276	-0.001	0.314	0.238793	0.000000	0.000000	0.074981
BasinCreek052620_166	1214438	2306362	A	784.5	34.5	5/26/2020	-0.26	-0.002	0.089	0.2384993	0.000000	0.000000	0.021226
BasinCreek052620_167	1213541	2305857	A	784.8	35.5	5/26/2020	-0.153	-0.014	0.945	0.2378175	0.000000	0.000000	0.224738
BasinCreek052620_168	1213605	2305721	A	787.1	35.7	5/26/2020	-0.05	-0.003	0.135	0.23836	0.000000	0.000000	0.032179
BasinCreek052620_169	1213493	2305710	A	786.4	36.3	5/26/2020	-0.324	-0.007	0.292	0.2376863	0.000000	0.000000	0.069404
BasinCreek052620_170	1213454	2305719	A	785.3	36.5	5/26/2020	-0.077	-0.012	0.805	0.2372005	0.000000	0.000000	0.190946
BasinCreek052620_171	1213358	2305745	A	785.2	36.7	5/26/2020	-0.416	-0.003	0.973	0.2370172	0.000000	0.000000	0.230618
BasinCreek052620_172	1213285	2305803	A	785.6	37.0	5/26/2020	-0.427	-0.008	0.646	0.2369086	0.000000	0.000000	0.153043
BasinCreek052620_173	1213191	2305857	A	786.3	37.3	5/26/2020	-0.177	-0.007	6.371	0.2368905	0.000000	0.000000	1.509230
BasinCreek052620_174	1213164	2305757	A	786.0	37.6	5/26/2020	-0.537	-0.007	2.53	0.2365716	0.000000	0.000000	0.598526
BasinCreek052620_175	1213195	2305604	A	785.1	38.0	5/26/2020	-0.408	-0.002	9.215	0.2359969	0.000000	0.000000	2.174711
BasinCreek052620_176	1213205	2305544	A	785.2	38.4	5/26/2020	4.388	0.016	15.859	0.2357239	1.034356	0.003772	3.738346

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052620_177	1213196	2305540	A	785.6	38.6	5/26/2020	638.261	0.032	414.734	0.2356927	150.433500	0.007542	97.749780
BasinCreek052620_178	1213163	2305454	A	785.5	39.0	5/26/2020	-0.749	-0.013	0.652	0.2353607	0.000000	0.000000	0.153455
BasinCreek052620_179	1213228	2305530	A	785.5	39.5	5/26/2020	977.72	0.021	359.934	0.2349843	229.748900	0.004935	84.578840
BasinCreek052620_180	1213340	2305363	A	784.9	40.1	5/26/2020	116.522	0.009	36.227	0.2343551	27.307520	0.002109	8.489982
BasinCreek052620_181	1213346	2305331	A	784.9	40.4	5/26/2020	663.02	0.025	159.572	0.2341308	155.233400	0.005853	37.360730
BasinCreek052620_182	1213367	2305187	A	782.5	40.7	5/26/2020	-0.821	-0.022	2.974	0.2331918	0.000000	0.000000	0.693512
BasinCreek052620_183	1213396	2305566	A	782.2	41.1	5/26/2020	3.508	0.012	3.805	0.2328057	0.816682	0.002794	0.885826
BasinCreek052620_184	1213512	2305514	A	784.3	41.3	5/26/2020	-0.518	-0.001	2.869	0.2332823	0.000000	0.000000	0.669287
BasinCreek052620_185	1213646	2305391	A	783.5	41.5	5/26/2020	-0.75	-0.001	0.123	0.2328962	0.000000	0.000000	0.028646
BasinCreek052620_186	1213780	2305294	A	782.8	41.8	5/26/2020	-0.392	-0.013	0.07	0.2324665	0.000000	0.000000	0.016273
BasinCreek052620_187	1213794	2305070	A	781.4	42.0	5/26/2020	-0.516	-0.007	0.338	0.2319034	0.000000	0.000000	0.078383
BasinCreek052620_188	1213803	2304958	A	780.0	42.3	5/26/2020	-0.268	-0.019	0.416	0.2312678	0.000000	0.000000	0.096207
BasinCreek052620_189	1213672	2305028	A	779.1	42.5	5/26/2020	-0.324	-0.002	0.306	0.2308546	0.000000	0.000000	0.070642
BasinCreek052620_190	1213636	2305054	A	779.8	42.6	5/26/2020	18.316	-0.005	7.981	0.2309888	4.230792	0.000000	1.843522
BasinCreek052620_191	1213678	2305110	A	779.8	42.8	5/26/2020	-0.423	-0.001	0.407	0.2308426	0.000000	0.000000	0.093953
BasinCreek052620_192	1213612	2305079	A	780.1	42.9	5/26/2020	-0.649	-0.002	3.855	0.2308584	0.000000	0.000000	0.889959

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052620_193	1213559	2305001	A	779.6	43.0	5/26/2020	-0.64	-0.002	3.202	0.2306374	0.000000	0.000000	0.738501
BasinCreek052620_194	1213578	2304735	A	779.5	43.1	5/26/2020	-0.741	-0.007	0.069	0.2305349	0.000000	0.000000	0.015907
BasinCreek052620_195	1213482	2304707	A	778.3	42.1	5/26/2020	-1.281	-0.002	0.492	0.2309102	0.000000	0.000000	0.113608
BasinCreek052620_196	1213424	2304767	A	778.3	41.9	5/26/2020	-0.187	-0.013	0.881	0.2310567	0.000000	0.000000	0.203561
BasinCreek052620_197	1213440	2304783	A	778.8	41.9	5/26/2020	-0.349	-0.019	3.304	0.2312052	0.000000	0.000000	0.763902
BasinCreek052620_198	1213411	2304967	A	779.0	41.8	5/26/2020	-0.85	-0.003	0.469	0.231338	0.000000	0.000000	0.108498
BasinCreek052620_199	1213236	2305002	A	784.8	41.9	5/26/2020	0	-0.001	0.315	0.2329864	0.000000	0.000000	0.073391
BasinCreek052620_200	1213193	2305081	A	782.4	42.0	5/26/2020	-0.779	-0.011	-0.177	0.2322002	0.000000	0.000000	0.000000
BasinCreek052620_201	1213110	2305257	A	784.2	42.2	5/26/2020	-0.692	-0.003	0.294	0.2325868	0.000000	0.000000	0.068381
BasinCreek052620_202	1212926	2305360	A	784.1	42.6	5/26/2020	-0.768	-0.002	0.119	0.2322626	0.000000	0.000000	0.027639
BasinCreek052620_203	1212811	2305493	A	785.9	42.8	5/26/2020	19.474	0.007	14.487	0.2326484	4.530595	0.001629	3.370377
BasinCreek052620_204	1212803	2305525	A	786.2	42.9	5/26/2020	7.892	-0.006	6.517	0.2326636	1.836181	0.000000	1.516268
BasinCreek052620_205	1212861	2305545	A	786.6	43.0	5/26/2020	7.201	-0.007	9.823	0.2327083	1.675732	0.000000	2.285893
BasinCreek052620_206	1212831	2305612	A	787.1	43.2	5/26/2020	-0.529	-0.007	0.802	0.232709	0.000000	0.000000	0.186633
BasinCreek052620_207	1212859	2305693	A	787.4	43.4	5/26/2020	-0.174	-0.022	0.701	0.2326506	0.000000	0.000000	0.163088
BasinCreek052620_208	1213008	2305659	A	787.3	43.7	5/26/2020	-0.697	-0.004	0.089	0.2324008	0.000000	0.000000	0.020684

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052620_209	1212972	2305814	A	785.9	44.0	5/26/2020	-0.844	-0.016	0.154	0.2317681	0.000000	0.000000	0.035692
BasinCreek052720_01	1215380	2306689	A	780.2	33.8	5/27/2020	-0.914	-0.02	1.384	0.237733	0.000000	0.000000	0.329022
BasinCreek052720_02	1215422	2306848	A	780.1	35.4	5/27/2020	-0.134	0	0.081	0.2364699	0.000000	0.000000	0.019154
BasinCreek052720_03	1215412	2306940	A	780.4	36.4	5/27/2020	0	0.016	1.434	0.2357966	0.000000	0.003773	0.338132
BasinCreek052720_04	1215388	2306993	A	780.5	37.0	5/27/2020	40.546	0.046	18.27	0.2353706	9.543337	0.010827	4.300221
BasinCreek052720_05	1215400	2306998	A	780.5	37.5	5/27/2020	0	0.026	2.637	0.2349918	0.000000	0.006110	0.619673
BasinCreek052720_06	1215409	2307028	A	780.6	38.0	5/27/2020	0	0.019	0.991	0.2346442	0.000000	0.004458	0.232532
BasinCreek052720_07	1215375	2307042	A	780.9	38.7	5/27/2020	0	0.002	0.77	0.2342075	0.000000	0.000468	0.180340
BasinCreek052720_08	1215416	2307138	A	780.8	39.2	5/27/2020	0	0.007	0.151	0.2338026	0.000000	0.001637	0.035304
BasinCreek052720_09	1215383	2307180	A	781.7	39.6	5/27/2020	-2.117	-0.003	0.902	0.2337728	0.000000	0.000000	0.210863
BasinCreek052720_10	1212308	2305814	A	781.6	43.2	5/27/2020	-0.185	0.006	0.024	0.2310829	0.000000	0.001386	0.005546
BasinCreek052720_11	1212173	2305587	A	788.7	43.4	5/27/2020	-1.044	0.005	0.118	0.2330347	0.000000	0.001165	0.027498
BasinCreek052720_12	1212560	2305768	A	788.1	43.5	5/27/2020	-0.358	0.003	1.349	0.2327839	0.000000	0.000698	0.314025
BasinCreek052720_13	1212451	2305602	A	787.1	43.5	5/27/2020	-0.987	0.011	1.144	0.2324885	0.000000	0.002557	0.265967
BasinCreek052720_14	1212545	2305524	A	785.9	43.5	5/27/2020	-1.161	0.001	1.602	0.2321341	0.000000	0.000232	0.371879
BasinCreek052720_15	1212566	2305431	A	784.8	43.5	5/27/2020	-1.382	-0.006	2.926	0.2318092	0.000000	0.000000	0.678274

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052720_16	1212405	2305283	A	785.1	43.3	5/27/2020	-1.238	0.007	0.756	0.2320443	0.000000	0.001624	0.175426
BasinCreek052720_17	1212726	2305321	A	785.9	43.1	5/27/2020	4.861	0.005	16.115	0.2324277	1.129831	0.001162	3.745572
BasinCreek052720_18	1212737	2305372	A	784.7	43.1	5/27/2020	-1.235	-0.001	2.002	0.2320728	0.000000	0.000000	0.464610
BasinCreek052720_19	1212576	2305129	A	784.7	42.7	5/27/2020	-0.944	0	1.491	0.2323667	0.000000	0.000000	0.346459
BasinCreek052720_20	1212503	2304992	A	784.0	42.6	5/27/2020	-2.436	0.004	0.43	0.2322329	0.000000	0.000929	0.099860
BasinCreek052720_21	1212683	2305062	A	783.1	42.6	5/27/2020	-0.927	0.002	0.709	0.2319663	0.000000	0.000464	0.164464
BasinCreek052720_22	1212784	2305063	A	781.8	42.6	5/27/2020	2.104	0.004	3.903	0.2315813	0.487247	0.000926	0.903862
BasinCreek052720_23	1212732	2304999	A	781.6	42.7	5/27/2020	-0.785	0.004	0.543	0.2314487	0.000000	0.000926	0.125677
BasinCreek052720_24	1212925	2304872	A	780.9	42.8	5/27/2020	2.474	0.004	6.719	0.2311682	0.571910	0.000925	1.553219
BasinCreek052720_25	1212967	2304857	A	779.4	43.0	5/27/2020	7.382	0.001	7.729	0.2305782	1.702129	0.000231	1.782139
BasinCreek052720_26	1213017	2304851	A	779.4	43.1	5/27/2020	29.101	0.019	27.313	0.2305053	6.707936	0.004380	6.295792
BasinCreek052720_27	1213061	2304834	A	779.4	43.2	5/27/2020	-0.014	0.018	4.727	0.2304325	0.000000	0.004148	1.089254
BasinCreek052720_28	1213147	2304760	A	779.3	43.4	5/27/2020	-2.015	-0.016	7.158	0.2302573	0.000000	0.000000	1.648182
BasinCreek052720_29	1213112	2304715	A	777.8	43.7	5/27/2020	3.508	0.003	8.97	0.2295965	0.805425	0.000689	2.059481
BasinCreek052720_30	1213119	2304643	A	777.1	43.9	5/27/2020	-2.945	0.002	10.845	0.2292452	0.000000	0.000458	2.486164
BasinCreek052720_31	1213217	2304642	A	777.1	44.2	5/27/2020	-1.423	0.002	2.195	0.2290285	0.000000	0.000458	0.502718

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
BasinCreek052720_32	1213014	2304677	A	776.9	44.4	5/27/2020	-0.419	-0.007	1.302	0.2288253	0.000000	0.000000	0.297931
BasinCreek052720_33	1212866	2304620	A	777.5	44.6	5/27/2020	0	0.004	5.209	0.2288579	0.000000	0.000915	1.192121
BasinCreek052720_34	1212693	2304745	A	778.4	45.0	5/27/2020	-1.213	-0.002	0.753	0.2288348	0.000000	0.000000	0.172313
CarbonJunction052820_01	1215233	2310279	A	809.9	26.6	5/28/2020	0	-0.004	0.36	0.2527105	0.000000	0.000000	0.090976
CarbonJunction052820_02	1215199	2310297	A	810.1	27.9	5/28/2020	0	-0.003	2.466	0.2516814	0.000000	0.000000	0.620646
CarbonJunction052820_03	1215184	2310313	A	810.1	28.9	5/28/2020	0	-0.005	0.619	0.2508481	0.000000	0.000000	0.155275
CarbonJunction052820_04	1215172	2310325	A	810.7	31.9	5/28/2020	-0.445	-0.01	1.402	0.2485652	0.000000	0.000000	0.348488
CarbonJunction052820_05	1215154	2310327	A	810.5	32.6	5/28/2020	0	-0.006	0.157	0.2479349	0.000000	0.000000	0.038926
CarbonJunction052820_06	1214994	2310354	A	810.7	33.7	5/28/2020	-0.116	-0.005	1.13	0.2471071	0.000000	0.000000	0.279231
CarbonJunction052820_07	1214979	2310345	A	810.9	34.1	5/28/2020	-0.038	-0.005	0.383	0.2468462	0.000000	0.000000	0.094542
CarbonJunction052820_08	1214961	2310358	A	810.9	34.6	5/28/2020	7.593	0.032	3.058	0.2464452	1.871258	0.007886	0.753629
CarbonJunction052820_09	1214951	2310362	A	811.1	35.0	5/28/2020	1.549	0.019	7.366	0.246186	0.381342	0.004678	1.813406
CarbonJunction052820_10	1214911	2310354	A	811.1	35.4	5/28/2020	-0.213	-0.01	5.153	0.2458668	0.000000	0.000000	1.266952
CarbonJunction052820_11	1214905	2310347	A	811.1	35.8	5/28/2020	158.704	0.024	11.076	0.2455485	38.969530	0.005893	2.719695
CarbonJunction052820_12	1214831	2310293	A	811.1	36.5	5/28/2020	-0.276	-0.013	0.929	0.2449934	0.000000	0.000000	0.227599
CarbonJunction052820_13	1214655	2310332	A	810.7	37.0	5/28/2020	-0.352	-0.003	3.201	0.2444778	0.000000	0.000000	0.782574

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
CarbonJunction052 820_14	1214492	2310336	A	810.5	37.6	5/28/2020	-0.252	-0.009	0.779	0.2439456	0.000000	0.000000	0.190034
CarbonJunction052 820_15	1214233	2310317	A	810.5	38.2	5/28/2020	-0.399	-0.003	1.038	0.2434755	0.000000	0.000000	0.252728
CarbonJunction052 820_16	1214212	2310186	A	810.3	38.7	5/28/2020	-0.014	-0.016	0.408	0.2430251	0.000000	0.000000	0.099154
CarbonJunction052 820_17	1214324	2310115	A	809.5	39.3	5/28/2020	-0.26	-0.009	0.618	0.242319	0.000000	0.000000	0.149753
CarbonJunction052 820_18	1214516	2310078	A	809.1	39.9	5/28/2020	39.16	0.018	11.006	0.241735	9.466344	0.004351	2.660536
CarbonJunction052 820_19	1214522	2310107	A	808.9	40.4	5/28/2020	860.662	0.036	11.005	0.2412899	207.669000	0.008686	2.655395
CarbonJunction052 820_20	1214558	2310109	A	809.5	40.9	5/28/2020	-0.961	-0.008	6.554	0.2410844	0.000000	0.000000	1.580067
CarbonJunction052 820_21	1214601	2310149	A	809.7	41.3	5/28/2020	2.559	0.026	2.473	0.2408372	0.616302	0.006262	0.595591
CarbonJunction052 820_22	1214785	2310176	A	809.7	41.7	5/28/2020	-0.721	-0.028	2.922	0.2405313	0.000000	0.000000	0.702832
CarbonJunction052 820_23	1214865	2310195	A	809.8	42.2	5/28/2020	98.192	0.029	5.213	0.2401796	23.583710	0.006965	1.252056
CarbonJunction052 820_24	1214886	2310200	A	809.8	42.5	5/28/2020	25.701	0.024	4.674	0.2399513	6.166988	0.005759	1.121532
CarbonJunction052 820_25	1214907	2310182	A	809.5	42.9	5/28/2020	-0.182	-0.026	1.469	0.2395588	0.000000	0.000000	0.351912
CarbonJunction052 820_26	1214939	2310182	A	809.5	43.2	5/28/2020	1.254	0.031	3.042	0.2393316	0.300122	0.007419	0.728047
CarbonJunction052 820_27	1215009	2310186	A	809.5	43.6	5/28/2020	-0.087	-0.021	1.382	0.2390294	0.000000	0.000000	0.330339
CarbonJunction052 820_28	1214809	2311176	A	809.6	45.5	5/28/2020	0	-0.008	0.719	0.2376335	0.000000	0.000000	0.170858
CarbonJunction052 820_29	1214765	2311296	A	808.7	45.8	5/28/2020	0	-0.015	0.307	0.2371461	0.000000	0.000000	0.072804

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
CarbonJunction052 820_30	1214964	2311128	A	808.7	46.2	5/28/2020	0	-0.027	0.671	0.236849	0.000000	0.000000	0.158926
CarbonJunction052 820_31	1214954	2310988	A	809.4	46.4	5/28/2020	0	-0.026	0.506	0.2369057	0.000000	0.000000	0.119874
CarbonJunction052 820_32	1215139	2310925	A	809.8	46.5	5/28/2020	-0.237	-0.033	0.743	0.2369486	0.000000	0.000000	0.176053
CarbonJunction052 820_33	1215363	2310806	A	809.5	46.7	5/28/2020	-0.003	-0.033	1.334	0.2367127	0.000000	0.000000	0.315775
CarbonJunction052 820_34	1215585	2310671	A	809.8	46.9	5/28/2020	-0.052	-0.024	0.021	0.2366525	0.000000	0.000000	0.004970
CarbonJunction052 820_35	1215410	2310604	A	809.2	47.0	5/28/2020	-0.088	-0.024	1.432	0.2364033	0.000000	0.000000	0.338529
CarbonJunction052 820_36	1215211	2310586	A	810.7	47.1	5/28/2020	-0.633	-0.033	1.751	0.2367675	0.000000	0.000000	0.414580
CarbonJunction052 820_37	1215176	2310686	A	810.6	47.2	5/28/2020	4.539	0.026	2.453	0.2366644	1.074220	0.006153	0.580538
CarbonJunction052 820_38	1215039	2310678	A	810.3	47.2	5/28/2020	-0.232	-0.039	0.403	0.2365768	0.000000	0.000000	0.095340
CarbonJunction052 820_39	1214958	2310611	A	810.2	47.3	5/28/2020	-0.16	-0.013	2.516	0.2364738	0.000000	0.000000	0.594968
CarbonJunction052 820_40	1214797	2310547	A	810.7	47.3	5/28/2020	-0.412	-0.027	2.593	0.2366198	0.000000	0.000000	0.613555
CarbonJunction052 820_41	1214618	2310554	A	811.0	47.3	5/28/2020	-0.464	-0.02	1.434	0.2367073	0.000000	0.000000	0.339438
CarbonJunction052 820_42	1214391	2310556	A	811.0	47.4	5/28/2020	-0.257	-0.011	1.767	0.2366335	0.000000	0.000000	0.418131
CarbonJunction052 820_43	1214269	2310603	A	813.8	47.4	5/28/2020	0	-0.001	0.364	0.2374505	0.000000	0.000000	0.086432
CarbonJunction052 820_44	1214212	2310667	A	810.4	47.4	5/28/2020	-0.106	-0.003	0.224	0.2364584	0.000000	0.000000	0.052967
CarbonJunction052 820_45	1214381	2310695	A	809.8	47.4	5/28/2020	-0.263	-0.035	0.388	0.2362833	0.000000	0.000000	0.091678

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
CarbonJunction052 820_46	1214543	2310744	A	809.9	47.4	5/28/2020	-0.32	-0.046	0.259	0.2363125	0.000000	0.000000	0.061205
CarbonJunction052 820_47	1214749	2310740	A	809.8	47.4	5/28/2020	-0.486	-0.046	0.615	0.2362833	0.000000	0.000000	0.145314
CarbonJunction052 820_48	1214751	2310868	A	809.8	47.4	5/28/2020	-0.159	-0.027	0.394	0.2362833	0.000000	0.000000	0.093096
CarbonJunction052 820_49	1215893	2310918	A	808.1	42.3	5/28/2020	0	-0.014	1.37	0.2395994	0.000000	0.000000	0.328251
CarbonJunction052 820_50	1215562	2310886	A	808.1	42.9	5/28/2020	-0.458	-0.003	0.602	0.2391445	0.000000	0.000000	0.143965
CarbonJunction052 820_51	1215721	2310705	A	808.1	43.4	5/28/2020	0	-0.022	0.067	0.2387668	0.000000	0.000000	0.015997
CarbonJunction052 820_52	1215931	2310780	A	808.5	43.9	5/28/2020	0	-0.045	0.436	0.2385082	0.000000	0.000000	0.103990
CarbonJunction052 820_53	1216210	2310942	A	809.4	44.2	5/28/2020	0	-0.05	0.586	0.238548	0.000000	0.000000	0.139789
CarbonJunction052 820_54	1215773	2310902	A	808.4	36.1	5/28/2020	-0.218	-0.001	0.264	0.2444937	0.000000	0.000000	0.064546
CarbonJunction052 820_55	1215426	2311089	A	808.1	36.8	5/28/2020	0	-0.017	0.833	0.243851	0.000000	0.000000	0.203128
CarbonJunction052 820_56	1215196	2311218	A	807.7	37.1	5/28/2020	0	-0.007	0.182	0.2434946	0.000000	0.000000	0.044316
CarbonJunction052 820_57	1215034	2311368	A	807.6	37.4	5/28/2020	0	-0.009	0.144	0.2432293	0.000000	0.000000	0.035025
CarbonJunction052 820_58	1215406	2311185	A	807.3	37.6	5/28/2020	0	-0.014	0.05	0.2429825	0.000000	0.000000	0.012149
CarbonJunction052 820_59	1215435	2311374	A	807.0	37.8	5/28/2020	0	-0.011	0.035	0.2427359	0.000000	0.000000	0.008496
CarbonJunction052 820_60	1215535	2311346	A	806.1	37.9	5/28/2020	0	-0.007	0.271	0.2423873	0.000000	0.000000	0.065687
CarbonJunction052 820_61	1215615	2311454	A	805.7	38.0	5/28/2020	0	-0.001	0.072	0.2421891	0.000000	0.000000	0.017438

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
CarbonJunction052 820_62	1215798	2311372	A	804.9	38.0	5/28/2020	0	-0.003	0.171	0.2419487	0.000000	0.000000	0.041373
CarbonJunction052 820_63			A	804.6	38.1	5/28/2020	0	-0.009	0.584	0.2417808	0.000000	0.000000	0.141200
CarbonJunction052 820_64	1216125	2311425	A	804.3	38.1	5/28/2020	0	-0.006	2.745	0.2416906	0.000000	0.000000	0.663441
CarbonJunction052 820_65	1216190	2311510	A	804.6	38.1	5/28/2020	0	-0.009	0.759	0.2417808	0.000000	0.000000	0.183512
CarbonJunction052 820_66	1216212	2311494	A	804.7	38.1	5/28/2020	10.509	-0.001	3.542	0.2418108	2.541190	0.000000	0.856494
CarbonJunction052 820_67	1216269	2311441	A	805.3	38.2	5/28/2020	590.228	0.01	7.749	0.2419134	142.784100	0.002419	1.874587
CarbonJunction052 820_68	1216212	2311368	A	806.4	38.3	5/28/2020	4.236	-0.003	4.94	0.2421661	1.025815	0.000000	1.196300
CarbonJunction052 820_69	1216210	2311335	A	806.9	38.4	5/28/2020	75.904	0.004	48.375	0.2422384	18.386870	0.000969	11.718290
CarbonJunction052 820_70	1216379	2311500	A	806.5	38.4	5/28/2020	2.167	-0.004	5.94	0.2421184	0.524670	0.000000	1.438183
CarbonJunction052 820_71	1216417	2311431	A	807.0	38.4	5/28/2020	0	-0.028	0.214	0.2422685	0.000000	0.000000	0.051845
CarbonJunction052 820_72	1216342	2311315	A	808.3	38.4	5/28/2020	-1.042	-0.006	0.256	0.2426587	0.000000	0.000000	0.062121
CarbonJunction052 820_73	1216206	2311241	A	807.6	38.3	5/28/2020	0	-0.012	0.443	0.2425264	0.000000	0.000000	0.107439
CarbonJunction052 820_74	1215997	2311247	A	808.4	38.3	5/28/2020	0	-0.008	1.753	0.2427667	0.000000	0.000000	0.425570
CarbonJunction052 820_75	1215797	2311168	A	808.0	38.3	5/28/2020	0	-0.004	0.416	0.2426466	0.000000	0.000000	0.100941
CarbonJunction052 820_76	1215659	2311170	A	807.8	38.3	5/28/2020	0	-0.004	0.036	0.2425865	0.000000	0.000000	0.008733
CarbonJunction052 920_100	1217005	2312226	A	802.9	36.8	5/29/2020	0	-0.005	0.332	0.2422819	0.000000	0.000000	0.080438

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
CarbonJunction052 920_101	1217089	2312195	A	803.7	37.3	5/29/2020	-0.013	-0.002	0.218	0.2421327	0.000000	0.000000	0.052785
CarbonJunction052 920_102	1217138	2312223	A	805.3	37.7	5/29/2020	0	-0.006	0.05	0.2423025	0.000000	0.000000	0.012115
CarbonJunction052 920_103	1217129	2312484	A	805.4	38.0	5/29/2020	-1.204	-0.005	0.23	0.242099	0.000000	0.000000	0.055683
CarbonJunction052 920_104	1217148	2312536	A	802.3	38.2	5/29/2020	0	-0.006	0.144	0.2410122	0.000000	0.000000	0.034706
CarbonJunction052 920_105	1217203	2312750	A	802.3	38.2	5/29/2020	0	-0.002	0.319	0.2410122	0.000000	0.000000	0.076883
CarbonJunction052 920_106	1217329	2312655	A	802.0	38.3	5/29/2020	-1.905	-0.005	0.136	0.2408447	0.000000	0.000000	0.032755
CarbonJunction052 920_107	1217404	2312798	A	802.0	38.4	5/29/2020	0	-0.005	0.874	0.2407674	0.000000	0.000000	0.210431
CarbonJunction052 920_108	1217543	2312837	A	801.8	38.5	5/29/2020	0	-0.014	2.569	0.2406301	0.000000	0.000000	0.618179
CarbonJunction052 920_109	1217530	2312960	A	801.6	38.7	5/29/2020	0	-0.014	0.503	0.2404158	0.000000	0.000000	0.120929
CarbonJunction052 920_110	1217677	2312935	A	801.5	38.8	5/29/2020	0	-0.01	1.162	0.2403088	0.000000	0.000000	0.279239
CarbonJunction052 920_111	1217756	2312847	A	802.0	39.0	5/29/2020	0	-0.004	2.871	0.2403046	0.000000	0.000000	0.689915
CarbonJunction052 920_112	1217780	2313115	A	801.8	39.2	5/29/2020	0	-0.011	1.364	0.2400909	0.000000	0.000000	0.327484
CarbonJunction052 920_113	1217647	2313153	A	801.4	39.5	5/29/2020	0	-0.01	0.515	0.2397408	0.000000	0.000000	0.123467
CarbonJunction052 920_114	1217650	2313252	A	801.4	39.7	5/29/2020	0	-0.012	2.055	0.2395876	0.000000	0.000000	0.492352
CarbonJunction052 920_115	1217522	2313204	A	801.4	40.0	5/29/2020	-0.174	-0.013	2.514	0.2393581	0.000000	0.000000	0.601746
CarbonJunction052 920_116	1217532	2313300	A	801.5	40.2	5/29/2020	-0.425	-0.01	0.659	0.2392351	0.000000	0.000000	0.157656

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
CarbonJunction052 920_117	1217617	2313358	A	801.1	40.4	5/29/2020	-0.704	-0.02	0.73	0.2389632	0.000000	0.000000	0.174443
CarbonJunction052 920_118	1217704	2313304	A	800.8	40.6	5/29/2020	0	-0.015	0.296	0.2387214	0.000000	0.000000	0.070662
CarbonJunction052 920_119	1217774	2313263	A	801.0	40.8	5/29/2020	0	-0.013	0.061	0.238629	0.000000	0.000000	0.014556
CarbonJunction052 920_120	1217888	2313239	A	801.2	41.0	5/29/2020	-0.218	-0.008	1.43	0.2385366	0.000000	0.000000	0.341107
CarbonJunction052 920_121	1218041	2313241	A	801.1	41.3	5/29/2020	0	-0.018	1.03	0.2382793	0.000000	0.000000	0.245428
CarbonJunction052 920_122	1218035	2312993	A	801.1	41.5	5/29/2020	-0.486	-0.02	1.061	0.2381278	0.000000	0.000000	0.252654
CarbonJunction052 920_123	1218036	2312807	A	801.1	41.8	5/29/2020	0	-0.03	1.42	0.237901	0.000000	0.000000	0.337819
CarbonJunction052 920_124	1218038	2312677	A	801.7	42.0	5/29/2020	0	-0.009	0.34	0.2379281	0.000000	0.000000	0.080896
CarbonJunction052 920_125	1217810	2312576	A	802.5	42.3	5/29/2020	-0.656	-0.025	4.193	0.237939	0.000000	0.000000	0.997678
CarbonJunction052 920_126	1217881	2312538	A	804.4	42.5	5/29/2020	-0.954	-0.014	2.033	0.2383512	0.000000	0.000000	0.484568
CarbonJunction052 920_127	1218003	2312501	A	804.6	42.6	5/29/2020	0	-0.038	0.398	0.238335	0.000000	0.000000	0.094857
CarbonJunction052 920_128	1217947	2312439	A	805.2	42.8	5/29/2020	-0.598	-0.008	0.434	0.2383617	0.000000	0.000000	0.103449
CarbonJunction052 920_129	1217812	2312456	A	804.8	42.9	5/29/2020	0	-0.023	0.614	0.2381679	0.000000	0.000000	0.146235
CarbonJunction052 920_130	1217656	2312422	A	805.5	43.1	5/29/2020	-0.534	-0.016	1.24	0.2382243	0.000000	0.000000	0.295398
CarbonJunction052 920_131	1217636	2312395	A	805.6	43.2	5/29/2020	-0.963	-0.024	1.082	0.2381786	0.000000	0.000000	0.257709
CarbonJunction052 920_132	1217566	2312401	A	805.6	43.3	5/29/2020	0	-0.022	2.348	0.2381033	0.000000	0.000000	0.559067

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
CarbonJunction052 920_133	1217509	2312187	A	805.9	43.4	5/29/2020	-0.33	-0.012	0.068	0.2381168	0.000000	0.000000	0.016192
CarbonJunction052 920_134	1217388	2312237	A	804.6	43.8	5/29/2020	-0.858	-0.024	1.05	0.2374326	0.000000	0.000000	0.249304
CarbonJunction052 920_135	1217376	2312300	A	806.7	44.1	5/29/2020	14.771	0.021	0.879	0.2378272	3.512946	0.004994	0.209050
CarbonJunction052 920_136	1217394	2312322	A	805.3	44.3	5/29/2020	0	-0.017	0.15	0.2372649	0.000000	0.000000	0.035590
CarbonJunction052 920_137	1217396	2312316	A	805.0	44.4	5/29/2020	16.318	0.013	0.708	0.2371018	3.869027	0.003082	0.167868
CarbonJunction052 920_138	1217219	2311800	A	805.2	44.9	5/29/2020	0	-0.019	0.243	0.2367879	0.000000	0.000000	0.057539
CarbonJunction052 920_139	1217179	2311875	A	804.5	45.1	5/29/2020	-2.286	-0.057	0.417	0.2364334	0.000000	0.000000	0.098593
CarbonJunction052 920_140	1217008	2311858	A	805.3	45.4	5/29/2020	0	-0.015	0.129	0.2364456	0.000000	0.000000	0.030501
CarbonJunction052 920_141	1216979	2311828	A	809.6	45.5	5/29/2020	-0.802	-0.006	0.953	0.2376335	0.000000	0.000000	0.226465
CarbonJunction052 920_142	1216896	2311704	A	806.4	45.8	5/29/2020	0	-0.012	0.111	0.2364716	0.000000	0.000000	0.026248
CarbonJunction052 920_143	1216803	2311686	A	806.8	46.0	5/29/2020	-0.661	-0.027	0.2	0.2364407	0.000000	0.000000	0.047288
CarbonJunction052 920_144	1216651	2311663	A	807.2	46.2	5/29/2020	0	-0.032	0.197	0.2364097	0.000000	0.000000	0.046573
CarbonJunction052 920_145	1216554	2311566	A	808.5	46.4	5/29/2020	-1.518	-0.04	0.2	0.2366423	0.000000	0.000000	0.047328
CarbonJunction052 920_146	1216547	2311689	A	808.5	46.5	5/29/2020	57.189	0.011	4.753	0.2365682	13.529100	0.002602	1.124409
CarbonJunction052 920_147	1216644	2311766	A	807.7	46.5	5/29/2020	-0.284	-0.056	1.23	0.2363341	0.000000	0.000000	0.290691
CarbonJunction052 920_148	1216680	2311813	A	806.8	46.6	5/29/2020	-1.559	-0.035	2.812	0.235997	0.000000	0.000000	0.663624

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
CarbonJunction052 920_149	1216735	2311810	A	806.4	46.7	5/29/2020	316.472	0.08	11.25	0.2358062	74.626070	0.018864	2.652820
CarbonJunction052 920_150	1216755	2311807	A	806.7	46.9	5/29/2020	1148.459	0.048	7.737	0.2357465	270.745200	0.011316	1.823971
CarbonJunction052 920_151	1216753	2311830	A	806.4	47.0	5/29/2020	70.371	0.012	0.207	0.2355853	16.578370	0.002827	0.048766
CarbonJunction052 920_152	1216789	2311844	A	806.1	47.2	5/29/2020	28.38	0.018	4.556	0.2353506	6.679250	0.004236	1.072257
CarbonJunction052 920_153	1216904	2311954	A	806.0	47.6	5/29/2020	192.025	0.03	8.383	0.2350279	45.131240	0.007051	1.970239
CarbonJunction052 920_154	1216852	2311876	A	806.0	48.0	5/29/2020	6.434	0.033	3.123	0.2347352	1.510286	0.007746	0.733078
CarbonJunction052 920_155	1216878	2311881	A	806.7	48.2	5/29/2020	-1.168	-0.036	-0.023	0.2347928	0.000000	0.000000	0.000000
CarbonJunction052 920_77	1215670	2311699	A	806.9	27.0	5/29/2020	-0.741	-0.005	0.49	0.2514389	0.000000	0.000000	0.123205
CarbonJunction052 920_78	1215753	2311687	A	807.0	27.6	5/29/2020	-0.786	-0.001	0.013	0.2509684	0.000000	0.000000	0.003263
CarbonJunction052 920_79	1215795	2311609	A	806.9	28.2	5/29/2020	0	-0.003	0.005	0.2504376	0.000000	0.000000	0.001252
CarbonJunction052 920_80	1215963	2311584	A	806.5	28.9	5/29/2020	-0.052	-0.007	0.038	0.2497334	0.000000	0.000000	0.009490
CarbonJunction052 920_81	1216078	2311662	A	806.5	29.4	5/29/2020	0	-0.009	0.57	0.2493207	0.000000	0.000000	0.142113
CarbonJunction052 920_82	1216196	2311741	A	805.1	29.9	5/29/2020	-0.332	-0.006	0.154	0.2484773	0.000000	0.000000	0.038266
CarbonJunction052 920_83	1216274	2311797	A	804.5	30.4	5/29/2020	-0.717	-0.005	0.567	0.2478831	0.000000	0.000000	0.140550
CarbonJunction052 920_84	1215981	2311760	A	804.5	30.8	5/29/2020	0	0	0.134	0.2475569	0.000000	0.000000	0.033173
CarbonJunction052 920_85	1216055	2311938	A	804.3	31.1	5/29/2020	0	-0.01	0.326	0.2472513	0.000000	0.000000	0.080604

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
CarbonJunction052_920_86	1216191	2311923	A	804.2	31.4	5/29/2020	0	0	0.419	0.246977	0.000000	0.000000	0.103483
CarbonJunction052_920_87	1216373	2312114	A	804.2	31.9	5/29/2020	0	-0.012	0.217	0.2465722	0.000000	0.000000	0.053506
CarbonJunction052_920_88	1216412	2312000	A	804.1	32.3	5/29/2020	0	-0.001	0.157	0.2462187	0.000000	0.000000	0.038656
CarbonJunction052_920_89	1216521	2312025	A	803.9	32.8	5/29/2020	-0.718	-0.002	0.251	0.2457552	0.000000	0.000000	0.061685
CarbonJunction052_920_90	1216751	2311986	A	804.6	34.1	5/29/2020	-0.494	-0.002	0.561	0.2449285	0.000000	0.000000	0.137405
CarbonJunction052_920_91	1216721	2312019	A	805.4	34.6	5/29/2020	3.025	0.002	1.318	0.2447737	0.740440	0.000490	0.322612
CarbonJunction052_920_92	1216732	2312031	A	804.9	35.0	5/29/2020	0	-0.002	1.478	0.2443042	0.000000	0.000000	0.361082
CarbonJunction052_920_93	1216737	2312047	A	804.9	35.2	5/29/2020	0	-0.003	1.496	0.2441457	0.000000	0.000000	0.365242
CarbonJunction052_920_94	1216750	2312168	A	807.4	35.5	5/29/2020	0	-0.002	0.243	0.244666	0.000000	0.000000	0.059454
CarbonJunction052_920_95	1216545	2312151	A	806.0	35.7	5/29/2020	0	-0.015	0.348	0.2440836	0.000000	0.000000	0.084941
CarbonJunction052_920_96	1216567	2312348	A	803.1	35.8	5/29/2020	-1.046	-0.004	0.108	0.2431266	0.000000	0.000000	0.026258
CarbonJunction052_920_97	1216754	2312330	A	803.0	35.9	5/29/2020	0	-0.008	0.566	0.2430177	0.000000	0.000000	0.137548
CarbonJunction052_920_98	1216924	2312502	A	802.7	36.2	5/29/2020	0	-0.003	0.408	0.2426913	0.000000	0.000000	0.099018
CarbonJunction052_920_99	1216993	2312363	A	802.6	36.4	5/29/2020	0	-0.009	0.288	0.2425043	0.000000	0.000000	0.069841
Federal060220_01	1219738	2320124	A	793.4	30.5	6/2/2020	-2.794	-0.002	0.603	0.2443825	0.000000	0.000000	0.147363
Federal060220_02	1219769	2320131	A	793.3	31.3	6/2/2020	-0.841	-0.033	0.264	0.2437096	0.000000	0.000000	0.064339
Federal060220_03	1219823	2320136	A	793.0	32.0	6/2/2020	0	-0.001	0.455	0.2430586	0.000000	0.000000	0.110592

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
Federal060220_04	1219877	2320130	A	792.8	32.7	6/2/2020	-1.28	-0.02	0.824	0.2424411	0.000000	0.000000	0.199771
Federal060220_05	1219917	2320123	A	792.4	33.4	6/2/2020	-0.616	-0.007	0.171	0.2417655	0.000000	0.000000	0.041342
Federal060220_06	1219915	2320096	A	792.4	34.0	6/2/2020	-0.351	-0.027	0.513	0.2412932	0.000000	0.000000	0.123783
Federal060220_07	1219914	2320045	A	792.5	34.6	6/2/2020	-1.123	-0.01	1.086	0.2408531	0.000000	0.000000	0.261567
Federal060220_08	1219911	2319989	A	792.5	35.2	6/2/2020	-0.73	-0.016	0.666	0.2403845	0.000000	0.000000	0.160096
Federal060220_09	1219911	2319931	A	792.5	35.7	6/2/2020	-1.121	-0.014	0.693	0.2399953	0.000000	0.000000	0.166317
Federal060220_10	1219874	2319956	A	792.5	36.3	6/2/2020	-0.12	-0.007	0.769	0.23953	0.000000	0.000000	0.184199
Federal060220_11	1219877	2319989	A	792.5	36.9	6/2/2020	-0.9	-0.012	0.507	0.2390665	0.000000	0.000000	0.121207
Federal060220_12	1219872	2320029	A	792.5	37.4	6/2/2020	0	-0.009	1.616	0.2386816	0.000000	0.000000	0.385709
Federal060220_13	1219873	2320094	A	792.5	37.9	6/2/2020	-0.587	-0.012	2.376	0.2382979	0.000000	0.000000	0.566196
Federal060220_14	1219831	2320094	A	792.5	38.4	6/2/2020	0	-0.022	0.295	0.2379154	0.000000	0.000000	0.070185
Federal060220_15	1219829	2320020	A	792.5	39.0	6/2/2020	-1.81	-0.006	1.06	0.2374581	0.000000	0.000000	0.251706
Federal060220_16	1219816	2319983	A	792.5	39.4	6/2/2020	-0.061	-0.011	1.219	0.2371542	0.000000	0.000000	0.289091
Federal060220_17	1219815	2319929	A	792.4	39.9	6/2/2020	-1.349	-0.025	1.204	0.2367456	0.000000	0.000000	0.285042
Federal060220_18	1219775	2319944	A	792.5	40.3	6/2/2020	-0.514	-0.024	1.171	0.2364733	0.000000	0.000000	0.276910
Federal060220_19	1219714	2319927	A	792.6	40.7	6/2/2020	-0.219	-0.04	1.068	0.2362017	0.000000	0.000000	0.252263
Federal060220_20	1219718	2319980	A	792.6	41.1	6/2/2020	-0.666	-0.026	0.709	0.2359011	0.000000	0.000000	0.167254
Federal060220_21	1219782	2319995	A	792.6	41.4	6/2/2020	-1.187	-0.034	0.628	0.2356761	0.000000	0.000000	0.148005
Federal060220_22	1219781	2320041	A	792.6	41.8	6/2/2020	0	-0.019	0.808	0.2353767	0.000000	0.000000	0.190184
Federal060220_23	1219764	2320079	A	792.2	42.1	6/2/2020	0	-0.038	0.971	0.2350341	0.000000	0.000000	0.228218
Federal060220_24	1219711	2320040	A	792.2	42.3	6/2/2020	-0.821	-0.027	1.982	0.2348851	0.000000	0.000000	0.465542
Federal060220_25	1219729	2320080	A	792.5	42.6	6/2/2020	0	-0.024	0.154	0.2347508	0.000000	0.000000	0.036152

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
FloridaRiver060320_01	1234979	2331972	A	791.5	27.2	6/3/2020	-1.572	-0.002	0.465	0.2464759	0.000000	0.000000	0.114611
FloridaRiver060320_02	1235026	2332025	A	791.4	28.1	6/3/2020	-0.731	0.004	1.634	0.2457085	0.000000	0.000983	0.401488
FloridaRiver060320_03	1235160	2332048	A	791.8	29.2	6/3/2020	0	0.029	0.645	0.2449383	0.000000	0.007103	0.157985
FloridaRiver060320_04	1235196	2332117	A	791.7	30.0	6/3/2020	-0.833	0.012	0.466	0.244261	0.000000	0.002931	0.113826
FloridaRiver060320_05	1235333	2332131	A	791.8	30.9	6/3/2020	-0.73	0.006	1.739	0.2435688	0.000000	0.001461	0.423566
FloridaRiver060320_06	1235572	2332279	A	791.8	31.9	6/3/2020	-1.543	0.006	1.211	0.2427703	0.000000	0.001457	0.293995
FloridaRiver060320_07	1235572	2332245	A	791.8	32.4	6/3/2020	-0.001	0.007	1.237	0.242373	0.000000	0.001697	0.299815
FloridaRiver060320_08	1235561	2332336	A	791.8	33.1	6/3/2020	-0.831	0.013	1.169	0.2418191	0.000000	0.003144	0.282686
FloridaRiver060320_09	1235567	2332375	A	791.8	33.7	6/3/2020	11.722	0.033	18.285	0.2413462	2.829060	0.007964	4.413015
FloridaRiver060320_10	1235542	2332375	A	791.8	34.2	6/3/2020	-0.001	0.028	2.009	0.2409536	0.000000	0.006747	0.484076
FloridaRiver060320_11	1235515	2332399	A	791.8	34.7	6/3/2020	0	0.018	1.213	0.2405622	0.000000	0.004330	0.291802
FloridaRiver060320_12	1235511	2332403	A	791.8	35.1	6/3/2020	3848.925	-0.002	1.322	0.2402501	924.704500	0.000000	0.317611
FloridaRiver060320_13	1235513	2332431	A	791.8	35.7	6/3/2020	2296.227	0.027	2.061	0.2397833	550.597000	0.006474	0.494193
FloridaRiver060320_14	1235516	2332425	A	791.8	36.0	6/3/2020	638.312	0.031	4.748	0.2395507	152.908100	0.007426	1.137387
FloridaRiver060320_15	1235543	2332421	A	791.8	36.5	6/3/2020	-2.773	0.028	0.857	0.2391638	0.000000	0.006697	0.204963
FloridaRiver060320_16	1235553	2332463	A	791.8	37.0	6/3/2020	4.744	0.019	2.976	0.2387783	1.132764	0.004537	0.710604

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
FloridaRiver060320_17	1235520	2332454	A	791.8	37.5	6/3/2020	-3.22	0.044	1.455	0.238394	0.000000	0.010489	0.346863
FloridaRiver060320_18	1235510	2332474	A	791.8	38.1	6/3/2020	1146.789	0.025	3.136	0.2379344	272.860600	0.005948	0.746162
FloridaRiver060320_19	1235403	2332493	A	791.7	38.7	6/3/2020	36.549	0.029	3.541	0.2374466	8.678436	0.006886	0.840798
FloridaRiver060320_20	1235372	2332476	A	791.8	39.2	6/3/2020	4887.686	0.022	11.669	0.2370965	1158.853000	0.005216	2.766679
FloridaRiver060320_21	1235376	2332476	A	791.8	39.7	6/3/2020	2978.448	0.025	0.946	0.2367176	705.050900	0.005918	0.223935
FloridaRiver060320_22	1235348	2332508	A	791.7	40.2	6/3/2020	3.733	0.012	9.152	0.23631	0.882145	0.002836	2.162709
FloridaRiver060320_23	1235330	2332489	A	791.5	40.9	6/3/2020	-0.41	0.02	2.068	0.2357237	0.000000	0.004714	0.487477
FloridaRiver060320_24	1235331	2332474	A	791.7	41.4	6/3/2020	-2.158	0.016	1.696	0.2354085	0.000000	0.003767	0.399253
FloridaRiver060320_25	1235164	2332522	A	791.5	42.6	6/3/2020	-5.265	0.003	1.24	0.2344546	0.000000	0.000703	0.290724
FloridaRiver060320_26	1235154	2332370	A	791.5	43.1	6/3/2020	-4.453	0.047	2.823	0.2340839	0.000000	0.011002	0.660819
FloridaRiver060320_27	1234958	2332154	A	791.5	43.8	6/3/2020	-6.678	0.016	3.529	0.2335669	0.000000	0.003737	0.824258
FloridaRiver060320_28	1234948	2332323	A	791.4	44.1	6/3/2020	-2.636	0.015	1.559	0.2333165	0.000000	0.003500	0.363741
FloridaRiver060320_29	1235505	2332613	A	791.4	44.4	6/3/2020	-0.431	0.006	1.467	0.2330961	0.000000	0.001399	0.341952
FloridaRiver060320_30	1235414	2332813	A	791.3	44.3	6/3/2020	-1.346	0.011	-0.035	0.2331401	0.000000	0.002565	0.000000
FloridaRiver060320_31	1235525	2332737	A	789.8	44.2	6/3/2020	-1.704	0.004	0.3	0.2327715	0.000000	0.000931	0.069831
FloridaRiver060320_32	1235551	2332955	A	789.8	44.2	6/3/2020	-4.849	0.001	0.298	0.2327715	0.000000	0.000233	0.069366

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
FloridaRiver060320_33	1235654	2332851	A	787.8	44.2	6/3/2020	-2.243	-0.001	2.242	0.232182	0.000000	0.000000	0.520552
FloridaRiver060320_34	1235668	2332833	A	788.1	44.3	6/3/2020	-2.285	-0.001	1.141	0.2321973	0.000000	0.000000	0.264937
FloridaRiver060320_35	1235719	2332826	A	788.1	44.3	6/3/2020	4.37	0.012	9.165	0.2321973	1.014702	0.002786	2.128088
FloridaRiver060320_36	1235739	2332808	A	788.3	44.3	6/3/2020	-8.716	0.002	1.077	0.2322562	0.000000	0.000465	0.250140
FloridaRiver060320_37	1235728	2332768	A	788.3	44.3	6/3/2020	-2.15	0.018	0.189	0.2322562	0.000000	0.004181	0.043896
FloridaRiver060320_38	1235782	2332768	A	789.0	44.3	6/3/2020	-4.004	0.006	0.902	0.2324624	0.000000	0.001395	0.209681
FloridaRiver060320_39	1235909	2332845	A	789.0	44.2	6/3/2020	-3.377	-0.001	0.118	0.2325357	0.000000	0.000000	0.027439
FloridaRiver060320_40	1235985	2333036	A	788.2	44.2	6/3/2020	-1.089	0.003	0.592	0.2322999	0.000000	0.000697	0.137522
FloridaRiver060320_41	1235937	2333183	A	786.5	44.2	6/3/2020	-6.184	0.003	0.425	0.2317989	0.000000	0.000695	0.098515
FloridaRiver060320_42	1235854	2333094	A	785.6	44.1	6/3/2020	-1.54	0.002	0.895	0.2316066	0.000000	0.000463	0.207288
FloridaRiver060320_43	1235770	2332952	A	786.5	44.0	6/3/2020	-10.998	0.002	0.442	0.2319451	0.000000	0.000464	0.102520
FloridaRiver060320_44	1235547	2333102	A	787.0	43.9	6/3/2020	-1.353	-0.004	0.393	0.2321657	0.000000	0.000000	0.091241
FloridaRiver060320_65	1234875	2331993	A	778.1	43.8	6/3/2020	-9.943	-0.007	0.25	0.2296126	0.000000	0.000000	0.057403
FloridaRiver060320_66	1234977	2331861	A	789.7	43.7	6/3/2020	-5.053	-0.011	0.644	0.2331093	0.000000	0.000000	0.150122
FloridaRiver060320_67	1234880	2331851	A	789.7	43.6	6/3/2020	-7.28	-0.003	0.192	0.2331829	0.000000	0.000000	0.044771
FloridaRiver060320_68	1234876	2331810	A	789.1	43.5	6/3/2020	-4.807	-0.016	1.936	0.2330793	0.000000	0.000000	0.451241

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
FloridaRiver060320_69	1235182	2331803	A	789.0	43.3	6/3/2020	-9.308	0	1.057	0.233197	0.000000	0.000000	0.246489
FloridaRiver060320_70	1235834	2332276	A	789.4	42.9	6/3/2020	-4.637	-0.003	0.448	0.2336105	0.000000	0.000000	0.104658
FloridaRiver060520_100	1235116	2331082	A	785.6	47.7	6/5/2020	-1.852	0.007	0.495	0.2290079	0.000000	0.001603	0.113359
FloridaRiver060520_101	1235216	2330967	A	784.7	47.9	6/5/2020	-1.417	-0.003	0.243	0.2286031	0.000000	0.000000	0.055551
FloridaRiver060520_102	1235206	2330819	A	784.4	48.0	6/5/2020	-0.746	0.004	1.29	0.2284445	0.000000	0.000914	0.294693
FloridaRiver060520_103	1235084	2330668	A	784.2	48.1	6/5/2020	-5.433	0.014	-0.458	0.2283152	0.000000	0.003196	0.000000
FloridaRiver060520_104	1235006	2330768	A	783.6	48.1	6/5/2020	-3.919	-0.024	0.561	0.2281405	0.000000	0.000000	0.127987
FloridaRiver060520_105	1234943	2330852	A	784.2	48.1	6/5/2020	-2.986	-0.001	1.717	0.2283152	0.000000	0.000000	0.392017
FloridaRiver060520_106	1234996	2330971	A	784.4	48.0	6/5/2020	-1.038	-0.01	0.537	0.2284445	0.000000	0.000000	0.122675
FloridaRiver060520_107	1234734	2330979	A	784.6	48.0	6/5/2020	-2.791	-0.022	0.271	0.2285028	0.000000	0.000000	0.061924
FloridaRiver060520_108	1234594	2331034	A	784.8	47.9	6/5/2020	-1.574	0.009	2.429	0.2286322	0.000000	0.002058	0.555348
FloridaRiver060520_109	1234522	2330983	A	785.2	47.9	6/5/2020	-2.409	-0.002	0.918	0.2287488	0.000000	0.000000	0.209991
FloridaRiver060520_110	1234421	2330819	A	785.1	47.8	6/5/2020	-0.513	0.004	0.391	0.2287909	0.000000	0.000915	0.089457
FloridaRiver060520_111	1234559	2330756	A	784.8	47.7	6/5/2020	-1.16	-0.007	0.584	0.2287747	0.000000	0.000000	0.133604
FloridaRiver060520_112	1234783	2330771	A	784.4	47.7	6/5/2020	-0.618	0.01	0.43	0.2286581	0.000000	0.002287	0.098323
FloridaRiver060520_113	1234753	2330610	A	783.9	47.6	6/5/2020	-1.011	0.008	0.131	0.2285836	0.000000	0.001829	0.029944

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
FloridaRiver060520_114	1234619	2330584	A	783.8	47.6	6/5/2020	-1.035	-0.001	0.723	0.2285545	0.000000	0.000000	0.165245
FloridaRiver060520_115	1234496	2330566	A	784.0	47.5	6/5/2020	-1.717	-0.018	0.933	0.2286841	0.000000	0.000000	0.213362
FloridaRiver060520_116	1234419	2330410	A	784.0	47.4	6/5/2020	-1.713	-0.007	0.219	0.2287554	0.000000	0.000000	0.050097
FloridaRiver060520_117	1234465	2330357	A	783.4	47.3	6/5/2020	-1.112	-0.009	0.329	0.2286517	0.000000	0.000000	0.075226
FloridaRiver060520_118	1234531	2330358	A	783.2	47.3	6/5/2020	-0.98	-0.003	0.833	0.2285933	0.000000	0.000000	0.190418
FloridaRiver060520_119	1234548	2330323	A	782.8	47.2	6/5/2020	-1.571	-0.008	3.061	0.2285479	0.000000	0.000000	0.699585
FloridaRiver060520_120	1234579	2330381	A	783.2	47.1	6/5/2020	-1.376	-0.014	0.874	0.2287361	0.000000	0.000000	0.199915
FloridaRiver060520_121	1234745	2330375	A	783.2	47.0	6/5/2020	-1.952	-0.012	1.083	0.2288075	0.000000	0.000000	0.247799
FloridaRiver060520_122	1234789	2330175	A	782.7	46.8	6/5/2020	-1.215	0.004	0.049	0.2288044	0.000000	0.000915	0.011211
FloridaRiver060520_123	1234531	2330161	A	781.3	46.8	6/5/2020	-1.634	-0.009	0.985	0.2283951	0.000000	0.000000	0.224969
FloridaRiver060520_124	1234523	2330242	A	782.0	46.8	6/5/2020	-0.884	-0.012	2.564	0.2285997	0.000000	0.000000	0.586130
FloridaRiver060520_125	1234489	2330139	A	781.7	46.8	6/5/2020	2.022	-0.001	0.9	0.228512	0.462051	0.000000	0.205661
FloridaRiver060520_126	1234378	2330172	A	781.7	46.8	6/5/2020	-1.344	-0.002	0.418	0.228512	0.000000	0.000000	0.095518
FloridaRiver060520_71	1235286	2331796	A	787.9	37.4	6/5/2020	0	-0.063	3.365	0.2372961	0.000000	0.000000	0.798502
FloridaRiver060520_72	1235333	2331776	A	787.6	37.9	6/5/2020	6.581	0.01	6.718	0.2368245	1.558542	0.002368	1.590987
FloridaRiver060520_73	1235320	2331774	A	787.6	38.3	6/5/2020	6.355	0.025	6.026	0.2365203	1.503087	0.005913	1.425272

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
FloridaRiver060520_74	1235336	2331789	A	787.6	38.9	6/5/2020	101.618	0.034	5.984	0.2360656	23.988510	0.008026	1.412616
FloridaRiver060520_75	1235356	2331798	A	787.2	39.4	6/5/2020	326.767	0.021	10.559	0.2355682	76.975910	0.004947	2.487365
FloridaRiver060520_76	1235415	2331824	A	786.8	39.9	6/5/2020	4.315	0.003	3.815	0.2350725	1.014338	0.000705	0.896801
FloridaRiver060520_77	1235374	2331886	A	786.7	40.3	6/5/2020	-1.859	0.001	3.893	0.2347426	0.000000	0.000235	0.913853
FloridaRiver060520_78	1235401	2331941	A	787.1	40.6	6/5/2020	0	-0.003	0.315	0.2346374	0.000000	0.000000	0.073911
FloridaRiver060520_79	1235540	2331927	A	787.1	41.0	6/5/2020	-0.382	0.008	0.588	0.2343387	0.000000	0.001875	0.137791
FloridaRiver060520_80	1235568	2331840	A	786.5	41.5	6/5/2020	-0.025	0.004	-0.155	0.2337879	0.000000	0.000935	0.000000
FloridaRiver060520_81	1235576	2331739	A	786.7	41.8	6/5/2020	-0.898	0.019	1.111	0.2336246	0.000000	0.004439	0.259557
FloridaRiver060520_82	1235502	2331649	A	787.0	42.1	6/5/2020	-0.114	0.003	0.221	0.2334913	0.000000	0.000700	0.051602
FloridaRiver060520_83	1235398	2331588	A	787.5	42.5	6/5/2020	-3.139	0.002	0.335	0.2333436	0.000000	0.000467	0.078170
FloridaRiver060520_84	1235218	2331702	A	788.2	43.0	6/5/2020	-1.063	-0.003	5.342	0.2331816	0.000000	0.000000	1.245656
FloridaRiver060520_85	1235234	2331662	A	788.6	43.3	6/5/2020	-0.457	0.003	2.387	0.2330788	0.000000	0.000699	0.556359
FloridaRiver060520_86	1235183	2331592	A	788.5	43.8	6/5/2020	-0.701	0.005	2.339	0.2326816	0.000000	0.001163	0.544242
FloridaRiver060520_87	1235171	2331567	A	787.5	44.1	6/5/2020	-0.775	-0.005	1.195	0.2321668	0.000000	0.000000	0.277439
FloridaRiver060520_88	1235171	2331513	A	787.0	44.3	6/5/2020	38.807	0.02	21.174	0.2318732	8.998302	0.004637	4.909682
FloridaRiver060520_89	1235341	2331448	A	786.6	44.6	6/5/2020	-1.327	-0.006	0.407	0.2315365	0.000000	0.000000	0.094235

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
FloridaRiver060520_90	1234997	2331407	A	786.6	45.0	6/5/2020	-0.574	-0.015	0.142	0.2312454	0.000000	0.000000	0.032837
FloridaRiver060520_91	1234786	2331438	A	786.5	45.3	6/5/2020	-1.763	0	0.563	0.2309982	0.000000	0.000000	0.130052
FloridaRiver060520_92	1234746	2331554	A	786.7	45.6	6/5/2020	-0.677	-0.007	0.296	0.2308395	0.000000	0.000000	0.068328
FloridaRiver060520_93	1234563	2331386	A	786.7	45.8	6/5/2020	-0.497	0.003	0.711	0.2306947	0.000000	0.000692	0.164024
FloridaRiver060520_94	1234517	2331199	A	786.5	46.5	6/5/2020	-1.347	0.002	0.232	0.230131	0.000000	0.000460	0.053390
FloridaRiver060520_95	1234768	2331251	A	786.0	46.8	6/5/2020	-1.494	0.012	0.355	0.2297691	0.000000	0.002757	0.081568
FloridaRiver060520_96	1235038	2331187	A	785.8	47.0	6/5/2020	5.241	-0.003	2.253	0.2295671	1.203161	0.000000	0.517215
FloridaRiver060520_97	1235089	2331236	A	785.8	47.1	6/5/2020	1.572	0.029	3.02	0.2294954	0.360767	0.006655	0.693076
FloridaRiver060520_98	1235158	2331361	A	785.8	47.3	6/5/2020	-0.935	-0.007	0.057	0.2293522	0.000000	0.000000	0.013073
FloridaRiver060520_99	1235192	2331242	A	785.8	47.5	6/5/2020	-1.552	0.004	1.175	0.2292091	0.000000	0.000917	0.269321
FloridaRiver060920_127	1234255	2329882	A	782.0	34.0	6/9/2020	-0.284	-0.015	1.141	0.2381263	0.000000	0.000000	0.271702
FloridaRiver060920_128	1234302	2329948	A	782.0	34.5	6/9/2020	-1.102	-0.018	0.226	0.2377393	0.000000	0.000000	0.053729
FloridaRiver060920_129	1234349	2329878	A	781.4	34.9	6/9/2020	-0.323	-0.007	2.392	0.2372484	0.000000	0.000000	0.567498
FloridaRiver060920_130	1234378	2329925	A	781.4	35.2	6/9/2020	-0.095	-0.018	0.643	0.2370176	0.000000	0.000000	0.152402
FloridaRiver060920_131	1234470	2329944	A	781.3	35.5	6/9/2020	-1.843	-0.024	1.995	0.2367569	0.000000	0.000000	0.472330
FloridaRiver060920_132	1234542	2329951	A	780.9	35.8	6/9/2020	-0.16	-0.036	0.288	0.2364059	0.000000	0.000000	0.068085

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
FloridaRiver060920_133	1234589	2330000	A	780.2	36.0	6/9/2020	-1.237	-0.027	0.219	0.2360412	0.000000	0.000000	0.051693
FloridaRiver060920_134	1234533	2329878	A	780.6	36.3	6/9/2020	-1.342	-0.014	0.309	0.2359333	0.000000	0.000000	0.072903
FloridaRiver060920_135	1234489	2329858	A	780.2	36.6	6/9/2020	-0.848	-0.017	0.416	0.235584	0.000000	0.000000	0.098003
FloridaRiver060920_136	1234355	2329780	A	780.4	36.9	6/9/2020	-1.211	-0.011	3.065	0.2354164	0.000000	0.000000	0.721551
FloridaRiver060920_137	1234351	2329608	A	781.3	37.2	6/9/2020	0	-0.025	0.596	0.23546	0.000000	0.000000	0.140334
FloridaRiver060920_138	1234112	2329730	A	781.0	37.6	6/9/2020	-0.108	-0.04	0.562	0.2350666	0.000000	0.000000	0.132107
FloridaRiver060920_139	1234099	2329621	A	782.4	37.8	6/9/2020	-0.695	0	0.72	0.2353366	0.000000	0.000000	0.169442
FloridaRiver060920_140	1233990	2329599	A	783.0	37.9	6/9/2020	-1.439	-0.02	0.723	0.2354413	0.000000	0.000000	0.170224
FloridaRiver060920_141	1233908	2329469	A	783.6	38.1	6/9/2020	0	-0.016	0.097	0.2354703	0.000000	0.000000	0.022841
FloridaRiver060920_142	1233977	2329331	A	783.7	38.2	6/9/2020	-0.497	-0.01	2.37	0.2354247	0.000000	0.000000	0.557957
FloridaRiver060920_143	1233992	2329344	A	783.7	38.3	6/9/2020	-0.079	-0.018	1.828	0.2353491	0.000000	0.000000	0.430218
FloridaRiver060920_144	1234030	2329389	A	783.2	38.4	6/9/2020	-0.956	-0.015	4.008	0.2351235	0.000000	0.000000	0.942375
FloridaRiver060920_145	1234080	2329398	A	782.8	38.5	6/9/2020	0	-0.018	0.422	0.234928	0.000000	0.000000	0.099140
FloridaRiver060920_146	1234117	2329377	A	782.5	38.7	6/9/2020	0	-0.014	0.119	0.2346874	0.000000	0.000000	0.027928
FloridaRiver060920_147	1234085	2329261	A	782.5	38.8	6/9/2020	-0.535	-0.009	0.079	0.2346121	0.000000	0.000000	0.018534
FloridaRiver060920_148	1234009	2329133	A	782.6	38.9	6/9/2020	-1.241	-0.026	0.356	0.2345669	0.000000	0.000000	0.083506

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
FloridaRiver060920_149	1233935	2329021	A	782.4	39.1	6/9/2020	-1.109	-0.023	0.429	0.2343568	0.000000	0.000000	0.100539
FloridaRiver060920_150	1233690	2329007	A	782.2	39.3	6/9/2020	-0.612	-0.003	0.011	0.2341469	0.000000	0.000000	0.002576
FloridaRiver060920_151	1233544	2328856	A	780.9	39.5	6/9/2020	-0.277	-0.01	0.109	0.2336082	0.000000	0.000000	0.025463
FloridaRiver060920_152	1233694	2328799	A	780.5	39.6	6/9/2020	-0.556	-0.008	1.136	0.2334139	0.000000	0.000000	0.265158
FloridaRiver060920_153	1233710	2328732	A	780.4	39.8	6/9/2020	41.068	-0.006	6.563	0.2332348	9.578488	0.000000	1.530720
FloridaRiver060920_154	1233577	2328676	A	780.2	39.9	6/9/2020	-1.491	-0.017	0.467	0.2331006	0.000000	0.000000	0.108858
FloridaRiver060920_155	1233524	2328398	A	779.1	39.9	6/9/2020	-1.854	-0.015	0.786	0.2327719	0.000000	0.000000	0.182959
FloridaRiver060920_156	1233575	2328427	A	778.7	39.9	6/9/2020	0	-0.04	0.759	0.2326524	0.000000	0.000000	0.176583
FloridaRiver060920_157	1233641	2328560	A	779.4	39.9	6/9/2020	-1.715	-0.046	0.595	0.2328616	0.000000	0.000000	0.138553
FloridaRiver060920_158	1233714	2328552	A	780.1	40.0	6/9/2020	-1.766	-0.018	0.513	0.2329963	0.000000	0.000000	0.119527
FloridaRiver060920_159	1233760	2328573	A	780.4	40.1	6/9/2020	-0.798	-0.004	0.314	0.2330115	0.000000	0.000000	0.073166
FloridaRiver060920_160	1233815	2328737	A	780.6	40.2	6/9/2020	-1.777	-0.03	0.587	0.2329968	0.000000	0.000000	0.136769
FloridaRiver060920_161	1233839	2328844	A	781.6	40.3	6/9/2020	-1.423	-0.022	0.171	0.2332209	0.000000	0.000000	0.039881
PoleBarn060220_01	1237074	2384490	A	784.0	30.5	6/2/2020	0	-0.006	1.839	0.2414871	0.000000	0.000000	0.444095
PoleBarn060220_02	1237044	2384504	A	783.9	31.2	6/2/2020	0	-0.023	1.604	0.2409009	0.000000	0.000000	0.386405
PoleBarn060220_03	1237066	2384549	A	783.9	31.9	6/2/2020	-0.958	-0.034	1.489	0.2403481	0.000000	0.000000	0.357878

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PoleBarn060220_04	1237080	2384604	A	783.9	32.6	6/2/2020	-0.455	-0.043	0.592	0.2397979	0.000000	0.000000	0.141960
PoleBarn060220_05	1237081	2384658	A	786.5	33.3	6/2/2020	-0.149	-0.011	1.122	0.2400436	0.000000	0.000000	0.269329
PoleBarn060220_06	1237084	2384692	A	786.5	33.9	6/2/2020	-0.89	-0.021	1.765	0.2395746	0.000000	0.000000	0.422849
PoleBarn060220_07	1237052	2384698	A	783.6	37.9	6/2/2020	0	-0.046	1.376	0.2356217	0.000000	0.000000	0.324216
PoleBarn060220_08	1237025	2384651	A	783.6	38.5	6/2/2020	-0.201	-0.031	1.814	0.2351681	0.000000	0.000000	0.426595
PoleBarn060220_09	1236986	2384677	A	783.6	39.0	6/2/2020	-0.206	-0.034	0.306	0.2347914	0.000000	0.000000	0.071846
PoleBarn060220_10	1236970	2384700	A	783.7	39.5	6/2/2020	-1.681	-0.014	1.182	0.2344458	0.000000	0.000000	0.277115
PoleBarn060220_11	1236914	2384676	A	783.9	40.0	6/2/2020	0	-0.02	1.325	0.2341312	0.000000	0.000000	0.310224
PoleBarn060220_12	1236886	2384646	A	784.0	40.5	6/2/2020	0	-0.021	0.336	0.2337878	0.000000	0.000000	0.078553
PoleBarn060220_13	1236928	2384645	A	784.0	40.7	6/2/2020	0	-0.041	0.514	0.2336388	0.000000	0.000000	0.120090
PoleBarn060220_14	1236941	2384608	A	784.0	41.0	6/2/2020	0	-0.031	0.395	0.2334157	0.000000	0.000000	0.092199
PoleBarn060220_15	1236879	2384607	A	784.0	41.2	6/2/2020	-0.135	-0.01	1.549	0.2332672	0.000000	0.000000	0.361331
PoleBarn060220_16	1236888	2384547	A	784.0	41.4	6/2/2020	0	-0.056	1.364	0.2331189	0.000000	0.000000	0.317974
PoleBarn060220_17	1236904	2384493	A	783.9	41.5	6/2/2020	0	-0.026	0.969	0.2330151	0.000000	0.000000	0.225792
PoleBarn060220_18	1236940	2384492	A	783.9	41.6	6/2/2020	0	-0.038	1.501	0.2329411	0.000000	0.000000	0.349645
PoleBarn060220_19	1236944	2384536	A	783.9	41.7	6/2/2020	0	-0.022	0.49	0.2328671	0.000000	0.000000	0.114105

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PoleBarn060220_20	1236980	2384496	A	783.9	41.8	6/2/2020	0	-0.021	1.201	0.2327931	0.000000	0.000000	0.279585
PoleBarn060220_21	1236984	2384537	A	783.9	41.9	6/2/2020	0	-0.044	1.167	0.2327192	0.000000	0.000000	0.271583
PoleBarn060220_22	1236983	2384592	A	783.8	41.9	6/2/2020	0	-0.035	0.946	0.2326896	0.000000	0.000000	0.220124
PoleBarn060220_23	1236983	2384638	A	783.8	41.9	6/2/2020	0	-0.031	1.257	0.2326896	0.000000	0.000000	0.292491
PoleBarn060220_24	1237029	2384612	A	783.8	41.9	6/2/2020	-0.435	-0.025	0.87	0.2326896	0.000000	0.000000	0.202440
PoleBarn060220_25	1237019	2384558	A	783.8	41.9	6/2/2020	0	-0.019	0.38	0.2326896	0.000000	0.000000	0.088422
PineRiver062920_01	1242564	2378823	A	758.3	27.3	6/29/2020	-0.211	-0.004	0.389	0.2360587	0.000000	0.000000	0.091827
PineRiver062920_02	1242598	2378941	A	758.1	28.0	6/29/2020	-0.224	-0.007	1.516	0.2354479	0.000000	0.000000	0.356939
PineRiver062920_03	1242718	2378857	A	760.1	28.5	6/29/2020	0	-0.001	0.246	0.2356777	0.000000	0.000000	0.057977
PineRiver062920_04	1242828	2378839	A	756.6	29.0	6/29/2020	-0.521	-0.006	1.271	0.2342043	0.000000	0.000000	0.297674
PineRiver062920_05	1242622	2379176	A	756.6	29.9	6/29/2020	0	-0.001	0.58	0.2335088	0.000000	0.000000	0.135435
PineRiver062920_06	1242727	2379228	A	756.2	30.6	6/29/2020	0	-0.002	0.143	0.2328475	0.000000	0.000000	0.033297
PineRiver062920_07	1242727	2379321	A	754.6	31.4	6/29/2020	-0.173	-0.005	0.541	0.2317444	0.000000	0.000000	0.125374
PineRiver062920_08	1242668	2379365	A	754.4	32.0	6/29/2020	-0.183	-0.004	0.345	0.2312275	0.000000	0.000000	0.079773
PineRiver062920_09	1242705	2379530	A	754.9	33.0	6/29/2020	0	-0.002	0.616	0.2306249	0.000000	0.000000	0.142065
PineRiver062920_10	1242605	2379609	A	753.8	33.4	6/29/2020	-0.628	-0.001	0.073	0.2299884	0.000000	0.000000	0.016789

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver062920_11	1242569	2379725	A	754.5	33.8	6/29/2020	-0.089	-0.002	0.698	0.229902	0.000000	0.000000	0.160472
PineRiver062920_12	1242454	2379953	A	754.6	34.2	6/29/2020	-0.839	-0.001	0.92	0.2296332	0.000000	0.000000	0.211263
PineRiver062920_13	1242326	2379713	A	755.3	34.9	6/29/2020	-0.335	-0.001	5.005	0.2293239	0.000000	0.000000	1.147766
PineRiver062920_14	1242347	2379607	A	757.0	35.3	6/29/2020	-0.708	-0.006	0.131	0.229542	0.000000	0.000000	0.030070
PineRiver062920_15	1242382	2379395	A	757.6	36.0	6/29/2020	-0.151	-0.007	0.307	0.2292038	0.000000	0.000000	0.070366
PineRiver062920_16	1242429	2379168	A	758.0	36.6	6/29/2020	0	0	0.073	0.2288806	0.000000	0.000000	0.016708
PineRiver062920_17	1242373	2378986	A	758.5	37.1	6/29/2020	0	-0.002	0.667	0.2286625	0.000000	0.000000	0.152518
PineRiver062920_18	1242230	2378988	A	758.3	37.5	6/29/2020	0	-0.016	0.505	0.2283078	0.000000	0.000000	0.115295
PineRiver062920_19	1242201	2379145	A	758.9	37.9	6/29/2020	0	-0.005	0.178	0.2281947	0.000000	0.000000	0.040619
PineRiver062920_20	1242236	2379326	A	760.4	38.3	6/29/2020	-0.008	-0.012	0.634	0.228352	0.000000	0.000000	0.144775
PineRiver062920_21	1242143	2379632	A	759.9	38.8	6/29/2020	-0.743	-0.011	1.192	0.2278361	0.000000	0.000000	0.271581
PineRiver062920_22	1242140	2379735	A	759.5	41.2	6/29/2020	-0.93	-0.014	0.067	0.2259776	0.000000	0.000000	0.015141
PineRiver062920_23	1242168	2379812	A	761.6	41.7	6/29/2020	0	-0.006	0.438	0.2262426	0.000000	0.000000	0.099094
PineRiver062920_24	1242002	2379870	A	758.7	42.2	6/29/2020	-0.75	-0.025	0.269	0.2250237	0.000000	0.000000	0.060531
PineRiver062920_25	1242002	2379774	A	760.0	42.5	6/29/2020	-0.261	-0.011	0.567	0.2251951	0.000000	0.000000	0.127686
PineRiver062920_26	1241993	2379521	A	760.6	42.9	6/29/2020	-0.368	-0.027	2.686	0.2250876	0.000000	0.000000	0.604585

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver062920_27	1241999	2379204	A	760.8	43.2	6/29/2020	-0.483	-0.018	0.725	0.2249333	0.000000	0.000000	0.163077
PineRiver062920_28	1242065	2378980	A	760.7	43.4	6/29/2020	-0.777	-0.046	0.761	0.2247616	0.000000	0.000000	0.171044
PineRiver062920_29	1242378	2378784	A	759.5	43.5	6/29/2020	0	-0.022	0.371	0.2243362	0.000000	0.000000	0.083229
PineRiver070120_30	1241120	2380906	A	770.1	34.4	7/1/2020	-2.316	-0.025	0.437	0.2341976	0.000000	0.000000	0.102344
PineRiver070120_31	1241165	2380775	A	770.1	35.4	7/1/2020	-0.17	-0.014	0.219	0.2334386	0.000000	0.000000	0.051123
PineRiver070120_32	1241181	2380612	A	768.9	36.2	7/1/2020	-0.583	-0.023	1.089	0.2324721	0.000000	0.000000	0.253162
PineRiver070120_33	1241150	2380560	A	769.9	36.7	7/1/2020	-0.643	-0.016	0.855	0.2323988	0.000000	0.000000	0.198701
PineRiver070120_34	1241328	2380680	A	769.9	37.9	7/1/2020	-1.127	-0.004	0.362	0.2315022	0.000000	0.000000	0.083804
PineRiver070120_35	1241518	2380670	A	768.2	38.8	7/1/2020	0	-0.037	0.662	0.2303247	0.000000	0.000000	0.152475
PineRiver070120_36	1241504	2380745	A	766.3	39.4	7/1/2020	0	-0.007	0.521	0.2293139	0.000000	0.000000	0.119473
PineRiver070120_37	1241487	2380943	A	766.2	40.1	7/1/2020	0	-0.007	0.417	0.2287716	0.000000	0.000000	0.095398
PineRiver070120_38	1241644	2380903	A	766.2	40.5	7/1/2020	0	-0.035	0.659	0.2284799	0.000000	0.000000	0.150568
PineRiver070120_39	1241766	2380958	A	764.2	40.9	7/1/2020	0	-0.025	0.212	0.2275932	0.000000	0.000000	0.048250
PineRiver070120_40	1241916	2380823	A	762.3	41.4	7/1/2020	-0.126	-0.036	0.606	0.2266665	0.000000	0.000000	0.137360
PineRiver070120_41	1241965	2380747	A	761.5	41.7	7/1/2020	-0.041	-0.023	0.417	0.2262129	0.000000	0.000000	0.094331
PineRiver070120_42	1241963	2380525	A	761.4	42.1	7/1/2020	0	-0.026	0.486	0.2258962	0.000000	0.000000	0.109786

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver070120_43	1241822	2380538	A	762.8	42.6	7/1/2020	-0.301	-0.04	1.121	0.2259532	0.000000	0.000000	0.253294
PineRiver070120_44	1241936	2380313	A	764.5	43.0	7/1/2020	-0.155	-0.032	0.734	0.2261702	0.000000	0.000000	0.166009
PineRiver070120_45	1241928	2380188	A	764.1	43.3	7/1/2020	0	-0.017	0.186	0.2258376	0.000000	0.000000	0.042006
PineRiver070120_46	1241808	2380042	A	764.3	43.4	7/1/2020	0	-0.022	0.225	0.2258253	0.000000	0.000000	0.050811
PineRiver070120_47	1241740	2380387	A	766.5	43.3	7/1/2020	0	-0.035	1.658	0.2265469	0.000000	0.000000	0.375615
PineRiver070120_48	1241695	2380341	A	765.8	43.3	7/1/2020	0	-0.025	0.705	0.22634	0.000000	0.000000	0.159570
PineRiver070120_49	1241586	2380269	A	769.2	43.3	7/1/2020	0	-0.003	0.382	0.2273449	0.000000	0.000000	0.086846
PineRiver070120_50	1241518	2380240	A	767.9	43.3	7/1/2020	0	-0.044	0.429	0.2269607	0.000000	0.000000	0.097366
PineRiver070120_51	1241601	2380093	A	771.1	43.5	7/1/2020	0	-0.004	0.772	0.2277626	0.000000	0.000000	0.175833
PineRiver070120_52	1241570	2379971	A	767.9	43.7	7/1/2020	-0.583	-0.032	0.325	0.2266742	0.000000	0.000000	0.073669
PineRiver070120_53	1241656	2379732	A	769.3	43.9	7/1/2020	-0.273	-0.038	0.239	0.2269442	0.000000	0.000000	0.054240
PineRiver070120_54	1241537	2379790	A	769.2	44.2	7/1/2020	-0.233	-0.042	0.221	0.2267002	0.000000	0.000000	0.050101
PineRiver070120_55	1241387	2380008	A	770.5	44.3	7/1/2020	0	-0.053	0.414	0.2270118	0.000000	0.000000	0.093983
PineRiver070120_56	1241322	2380131	A	769.9	44.4	7/1/2020	-0.239	-0.054	0.362	0.2267636	0.000000	0.000000	0.082088
PineRiver070120_57	1241338	2380376	A	769.9	44.4	7/1/2020	-0.537	-0.032	0.378	0.2267636	0.000000	0.000000	0.085717
PineRiver070120_58	1241341	2380534	A	769.5	44.4	7/1/2020	-0.452	-0.033	0.442	0.2266458	0.000000	0.000000	0.100177

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver070920_01	1238221	2386988	A	788.0	32.1	7/9/2020	-0.389	-0.018	0.156	0.2414469	0.000000	0.000000	0.037666
PineRiver070920_02	1238462	2386990	A	788.0	33.4	7/9/2020	1.067	0.008	1.029	0.240423	0.256531	0.001923	0.247395
PineRiver070920_03	1238345	2387041	A	787.9	34.4	7/9/2020	0	-0.015	0.274	0.2396109	0.000000	0.000000	0.065653
PineRiver070920_04	1238400	2387128	A	787.9	35.2	7/9/2020	0	-0.008	1.643	0.2389892	0.000000	0.000000	0.392659
PineRiver070920_05	1238337	2387302	A	787.9	36.2	7/9/2020	0	-0.004	0.555	0.2382166	0.000000	0.000000	0.132210
PineRiver070920_06	1238288	2387562	A	787.9	37.8	7/9/2020	0	-0.018	0.923	0.2369909	0.000000	0.000000	0.218743
PineRiver070920_07	1238099	2387548	A	787.8	38.8	7/9/2020	0	-0.004	0.402	0.2362012	0.000000	0.000000	0.094953
PineRiver070920_08	1238031	2387519	A	787.9	39.8	7/9/2020	0	-0.011	0.12	0.2354763	0.000000	0.000000	0.028257
PineRiver070920_09	1237984	2387586	A	787.9	40.2	7/9/2020	0	-0.011	0.679	0.2351757	0.000000	0.000000	0.159684
PineRiver070920_10	1237947	2387622	A	787.9	40.5	7/9/2020	0	-0.004	0.988	0.2349508	0.000000	0.000000	0.232131
PineRiver070920_11	1237924	2387670	A	787.9	40.7	7/9/2020	0	-0.008	1.132	0.2348011	0.000000	0.000000	0.265795
PineRiver070920_12	1237920	2387736	A	788.0	41.0	7/9/2020	-0.3	-0.022	1.019	0.2346066	0.000000	0.000000	0.239064
PineRiver070920_13	1237955	2387686	A	787.9	41.3	7/9/2020	0	-0.005	3.63	0.2343531	0.000000	0.000000	0.850702
PineRiver070920_14	1238143	2387119	A	787.9	41.9	7/9/2020	0	-0.017	0.03	0.2339067	0.000000	0.000000	0.007017
PineRiver070920_15	1238151	2387373	A	788.2	42.3	7/9/2020	0	-0.016	0.179	0.2336991	0.000000	0.000000	0.041832
PineRiver070920_16	1237995	2387333	A	788.3	42.7	7/9/2020	0	-0.042	0.146	0.2334327	0.000000	0.000000	0.034081

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver070920_17	1237980	2387182	A	788.1	42.8	7/9/2020	-0.339	-0.027	0.82	0.2332996	0.000000	0.000000	0.191306
PineRiver070920_18	1238003	2386967	A	788.0	42.9	7/9/2020	-0.73	-0.018	0.212	0.2331962	0.000000	0.000000	0.049438
PineRiver070920_19	1238008	2386811	A	788.1	43.0	7/9/2020	0	-0.01	0.388	0.2331521	0.000000	0.000000	0.090463
PineRiver070920_20	1238213	2386770	A	788.1	43.2	7/9/2020	0	-0.02	0.112	0.2330047	0.000000	0.000000	0.026097
PineRiver070920_21	1238419	2386795	A	787.9	43.5	7/9/2020	-0.217	-0.02	0.01	0.2327248	0.000000	0.000000	0.002327
PineRiver070920_22	1238566	2386741	A	787.9	43.7	7/9/2020	-0.083	-0.022	1.066	0.2325779	0.000000	0.000000	0.247928
PineRiver070920_23	1238580	2386638	A	787.5	44.0	7/9/2020	0	-0.012	0.285	0.23224	0.000000	0.000000	0.066188
PineRiver071020_24	1240356	2381717	A	780.4	33.6	7/10/2020	-0.562	-0.003	0.126	0.237949	0.000000	0.000000	0.029982
PineRiver071020_25	1240356	2381581	A	780.2	34.8	7/10/2020	-1.162	-0.006	0.034	0.236961	0.000000	0.000000	0.008057
PineRiver071020_26	1240384	2381390	A	779.4	36.0	7/10/2020	-0.672	-0.015	1.073	0.2357992	0.000000	0.000000	0.253012
PineRiver071020_27	1240483	2381185	A	778.5	37.4	7/10/2020	0	-0.017	0.327	0.2344651	0.000000	0.000000	0.076670
PineRiver071020_28	1240772	2381177	A	777.4	39.0	7/10/2020	-0.426	-0.013	0.484	0.2329337	0.000000	0.000000	0.112740
PineRiver071020_29	1240974	2381206	A	776.6	40.7	7/10/2020	0	-0.032	0.658	0.2314336	0.000000	0.000000	0.152283
PineRiver071020_30	1241142	2381236	A	776.9	42.0	7/10/2020	-0.422	0	1.133	0.2305679	0.000000	0.000000	0.261233
PineRiver071020_31	1241357	2381170	A	775.8	43.1	7/10/2020	-0.872	-0.049	0.689	0.2294406	0.000000	0.000000	0.158085
PineRiver071020_32	1241389	2381365	A	773.1	43.6	7/10/2020	0	-0.005	0.246	0.2282812	0.000000	0.000000	0.056157

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver071020_33	1241342	2381539	A	773.9	43.9	7/10/2020	-1.012	-0.041	0.204	0.2283012	0.000000	0.000000	0.046573
PineRiver071020_34	1241269	2381438	A	773.2	44.4	7/10/2020	0	-0.046	0.79	0.2277355	0.000000	0.000000	0.179911
PineRiver071020_35	1241204	2381527	A	773.5	44.7	7/10/2020	-0.332	-0.048	0.888	0.2276089	0.000000	0.000000	0.202117
PineRiver071020_36	1241143	2381428	A	774.0	45.1	7/10/2020	-0.819	-0.033	0.081	0.2274698	0.000000	0.000000	0.018425
PineRiver071020_37	1241034	2381360	A	774.6	45.5	7/10/2020	-0.11	-0.005	1.118	0.2273603	0.000000	0.000000	0.254189
PineRiver071020_38	1240955	2381601	A	775.9	45.8	7/10/2020	0	-0.057	0.945	0.2275277	0.000000	0.000000	0.215014
PineRiver071020_39	1240987	2381749	A	776.5	46.0	7/10/2020	0	-0.014	0.25	0.2275609	0.000000	0.000000	0.056890
PineRiver071020_40	1240944	2381933	A	777.4	46.2	7/10/2020	0	-0.05	0.166	0.227682	0.000000	0.000000	0.037795
PineRiver071020_41	1240842	2381920	A	776.8	46.3	7/10/2020	-0.882	-0.041	0.225	0.2274351	0.000000	0.000000	0.051173
PineRiver071020_42	1240773	2381745	A	778.0	46.4	7/10/2020	12.412	0.033	10.119	0.2277151	2.826400	0.007515	2.304250
PineRiver071020_43	1240792	2381616	A	778.5	46.5	7/10/2020	31.665	0.021	5.482	0.2277902	7.212976	0.004784	1.248746
PineRiver071020_44	1240762	2381603	A	778.5	46.5	7/10/2020	205.6	0.018	13.032	0.2277902	46.833660	0.004100	2.968562
PineRiver071020_45	1240778	2381439	A	778.4	46.6	7/10/2020	52.727	0.012	17.668	0.2276897	12.005400	0.002732	4.022821
PineRiver071020_46	1240616	2381363	A	778.4	46.8	7/10/2020	-0.445	-0.05	0.22	0.2275474	0.000000	0.000000	0.050060
PineRiver071020_47	1240647	2381580	A	778.4	46.9	7/10/2020	-0.101	-0.005	0.721	0.2274763	0.000000	0.000000	0.164010
PineRiver071020_48	1240552	2381635	A	779.3	47.0	7/10/2020	-0.056	-0.004	0.579	0.2276682	0.000000	0.000000	0.131820

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver071020_49	1240627	2381802	A	779.6	47.1	7/10/2020	-0.734	-0.044	2.493	0.2276847	0.000000	0.000000	0.567618
PineRiver071020_50	1240705	2381755	A	778.8	47.1	7/10/2020	37.581	0.027	19.255	0.227451	8.547837	0.006141	4.379570
PineRiver071020_51	1240770	2382143	A	778.5	47.1	7/10/2020	-0.511	-0.036	0.227	0.2273634	0.000000	0.000000	0.051611
PineRiver071020_52	1240769	2382258	A	775.3	47.2	7/10/2020	-0.649	-0.063	0.265	0.2263582	0.000000	0.000000	0.059985
PineRiver071020_53	1240651	2382372	A	775.0	47.1	7/10/2020	-1.511	-0.076	1.425	0.2263412	0.000000	0.000000	0.322536
PineRiver071020_54	1240601	2382180	A	778.6	47.0	7/10/2020	1.781	0.015	1.433	0.2274636	0.405113	0.003412	0.325955
PineRiver071020_55	1240564	2382040	A	775.5	46.8	7/10/2020	-0.859	-0.07	0.646	0.2266996	0.000000	0.000000	0.146448
PineRiver071020_56	1240470	2381991	A	777.0	46.7	7/10/2020	-0.584	-0.049	0.173	0.2272091	0.000000	0.000000	0.039307
PineRiver071020_57	1240376	2382195	A	777.5	46.5	7/10/2020	-0.512	-0.073	1.335	0.2274976	0.000000	0.000000	0.303709
PineRiver071020_58	1240360	2382363	A	777.5	46.2	7/10/2020	-0.615	-0.05	0.327	0.2277113	0.000000	0.000000	0.074462
PineRiver071020_59	1240193	2382333	A	778.9	46.1	7/10/2020	0	-0.052	0.388	0.2281928	0.000000	0.000000	0.088539
PineRiver071320_60	1239999	2383011	A	774.2	33.0	7/13/2020	-1.213	0	0.876	0.2365212	0.000000	0.000000	0.207193
PineRiver071320_61	1240026	2382830	A	774.2	33.7	7/13/2020	-0.505	0	0.337	0.2359816	0.000000	0.000000	0.079526
PineRiver071320_62	1240138	2382768	A	774.2	34.0	7/13/2020	0	-0.001	0.473	0.2357511	0.000000	0.000000	0.111510
PineRiver071320_63	1240199	2382972	A	773.9	35.9	7/13/2020	-0.897	-0.005	0.613	0.234211	0.000000	0.000000	0.143571
PineRiver071320_64	1240303	2382942	A	773.2	36.9	7/13/2020	-0.332	-0.004	0.242	0.2332444	0.000000	0.000000	0.056445

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver071320_65	1240379	2382820	A	772.9	37.7	7/13/2020	0	-0.005	0.513	0.2325539	0.000000	0.000000	0.119300
PineRiver071320_66	1240347	2382643	A	772.5	38.2	7/13/2020	-1.536	-0.005	0.96	0.2320602	0.000000	0.000000	0.222778
PineRiver071320_67	1240267	2382593	A	773.8	38.9	7/13/2020	0	-0.006	0.206	0.2319293	0.000000	0.000000	0.047777
PineRiver071320_68	1240595	2382535	A	774.2	39.7	7/13/2020	-0.621	-0.01	1.14	0.2314558	0.000000	0.000000	0.263860
PineRiver071320_69	1240557	2382748	A	772.5	40.3	7/13/2020	-0.477	-0.011	0.282	0.2305055	0.000000	0.000000	0.065003
PineRiver071320_70	1240636	2382892	A	771.1	40.4	7/13/2020	0	-0.002	1.228	0.2300144	0.000000	0.000000	0.282458
PineRiver071320_71	1240652	2382899	A	770.1	40.5	7/13/2020	11.662	0.025	13.637	0.2296429	2.678095	0.005741	3.131640
PineRiver071320_72	1240688	2382856	A	770.3	40.6	7/13/2020	0	-0.007	0.342	0.2296293	0.000000	0.000000	0.078533
PineRiver071320_73	1240719	2382822	A	770.3	40.7	7/13/2020	0	-0.012	0.378	0.2295561	0.000000	0.000000	0.086772
PineRiver071320_74	1240728	2382977	A	770.3	40.9	7/13/2020	0	-0.015	0.223	0.2294099	0.000000	0.000000	0.051158
PineRiver071320_75	1240685	2383089	A	769.6	41.1	7/13/2020	0	-0.013	0.092	0.2290556	0.000000	0.000000	0.021073
PineRiver071320_76	1240616	2383089	A	769.9	41.5	7/13/2020	0	-0.013	0.025	0.2288536	0.000000	0.000000	0.005721
PineRiver071320_77	1240467	2383015	A	770.8	42.1	7/13/2020	2.669	0.007	1.919	0.228685	0.610360	0.001601	0.438847
PineRiver071320_78	1240459	2383024	A	770.8	42.4	7/13/2020	5.078	0.013	5.953	0.2284676	1.160159	0.002970	1.360068
PineRiver071320_79	1240452	2383040	A	771.5	42.7	7/13/2020	1.619	0.02	4.04	0.2284579	0.369873	0.004569	0.922970
PineRiver071320_80	1240485	2383164	A	771.4	43.1	7/13/2020	0	-0.027	1.184	0.2281394	0.000000	0.000000	0.270117

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver071320_81	1240294	2383303	A	771.1	43.4	7/13/2020	-0.535	-0.026	0.709	0.2278345	0.000000	0.000000	0.161535
PineRiver071320_82	1240193	2383350	A	771.0	43.6	7/13/2020	-0.944	-0.022	0.679	0.2276611	0.000000	0.000000	0.154582
PineRiver071320_83	1240187	2383419	A	771.9	43.7	7/13/2020	0	-0.012	0.217	0.2278549	0.000000	0.000000	0.049445
PineRiver071320_84	1240135	2383173	A	772.2	43.9	7/13/2020	0	-0.025	0.339	0.2277997	0.000000	0.000000	0.077224
PineRiver071320_85	1239967	2383224	A	772.6	44.1	7/13/2020	-0.456	-0.039	0.29	0.227774	0.000000	0.000000	0.066054
PineRiver071320_86	1239946	2383414	A	773.5	44.3	7/13/2020	-0.329	-0.037	0.338	0.2278957	0.000000	0.000000	0.077029
PineRiver071320_87	1239944	2383619	A	773.4	44.7	7/13/2020	0	-0.034	0.575	0.2275795	0.000000	0.000000	0.130858
PineRiver071320_88	1239838	2383346	A	774.7	45.0	7/13/2020	0	-0.028	0.704	0.227747	0.000000	0.000000	0.160334
PineRiver071320_89	1239785	2383248	A	774.6	45.2	7/13/2020	-0.316	-0.034	1.072	0.2275746	0.000000	0.000000	0.243960
PineRiver071620_100	1239622	2384198	A	779.7	33.1	7/16/2020	0	-0.003	1.013	0.2381237	0.000000	0.000000	0.241219
PineRiver071620_101	1239787	2384020	A	780.8	33.7	7/16/2020	0	0	0.596	0.2379933	0.000000	0.000000	0.141844
PineRiver071620_102	1239802	2383981	A	780.2	33.9	7/16/2020	0	0	0.469	0.2376556	0.000000	0.000000	0.111460
PineRiver071620_103	1239786	2384196	A	780.5	34.1	7/16/2020	0	-0.002	0.618	0.2375922	0.000000	0.000000	0.146832
PineRiver071620_104	1239695	2384282	A	781.0	34.2	7/16/2020	0	0	0.595	0.237667	0.000000	0.000000	0.141412
PineRiver071620_105	1239647	2384334	A	781.6	34.4	7/16/2020	0	-0.002	0.702	0.2376949	0.000000	0.000000	0.166862
PineRiver071620_106	1239601	2384566	A	781.7	34.6	7/16/2020	0	-0.003	0.281	0.2375709	0.000000	0.000000	0.066757

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver071620_107	1239525	2384764	A	781.3	34.9	7/16/2020	0	-0.004	0.381	0.2372181	0.000000	0.000000	0.090380
PineRiver071620_108	1239536	2384955	A	780.9	35.1	7/16/2020	0	-0.005	0.306	0.2369428	0.000000	0.000000	0.072504
PineRiver071620_109	1239410	2384974	A	780.1	35.4	7/16/2020	0	-0.001	0.178	0.2364699	0.000000	0.000000	0.042092
PineRiver071620_110	1239248	2385011	A	781.3	35.9	7/16/2020	0	0	0.257	0.2364505	0.000000	0.000000	0.060768
PineRiver071620_111	1239348	2384756	A	783.0	36.9	7/16/2020	0	-0.002	1.417	0.2362007	0.000000	0.000000	0.334696
PineRiver071620_112	1239331	2384636	A	782.8	37.2	7/16/2020	0	-0.004	2.322	0.2359121	0.000000	0.000000	0.547788
PineRiver071620_113	1239344	2384554	A	782.0	37.3	7/16/2020	9.683	0.002	6.786	0.2355951	2.281267	0.000471	1.598748
PineRiver071620_114	1239283	2384518	A	781.2	37.5	7/16/2020	79.234	0.004	13.788	0.2352025	18.636040	0.000941	3.242973
PineRiver071620_115	1239357	2384444	A	782.6	37.7	7/16/2020	1.913	0.009	4.205	0.2354724	0.450459	0.002119	0.990162
PineRiver071620_116	1239365	2384364	A	780.2	37.8	7/16/2020	6.636	0.005	3.744	0.2346748	1.557302	0.001173	0.878623
PineRiver071620_117	1239380	2384317	A	780.2	37.9	7/16/2020	0	-0.003	2.288	0.2345994	0.000000	0.000000	0.536763
PineRiver071620_118	1239227	2384409	A	780.0	38.0	7/16/2020	-0.686	-0.008	0.744	0.2344639	0.000000	0.000000	0.174441
PineRiver071620_119	1239067	2384553	A	779.3	38.1	7/16/2020	-0.382	-0.005	0.195	0.2341782	0.000000	0.000000	0.045665
PineRiver071620_120	1239191	2384532	A	779.1	38.1	7/16/2020	0	-0.003	0.986	0.2341181	0.000000	0.000000	0.230840
PineRiver071620_121	1239244	2384609	A	780.5	38.2	7/16/2020	48.416	0.002	5.21	0.2344635	11.351780	0.000469	1.221555
PineRiver071620_122	1239205	2384695	A	781.3	38.2	7/16/2020	17.989	0.008	17.177	0.2347038	4.222086	0.001878	4.031507

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver071620_123	1239165	2384711	A	781.4	38.2	7/16/2020	97.462	0.006	26.341	0.2347338	22.877630	0.001408	6.183123
PineRiver071620_124	1239131	2384667	A	781.0	38.2	7/16/2020	0	-0.001	0.353	0.2346136	0.000000	0.000000	0.082819
PineRiver071620_125	1239145	2384763	A	781.0	38.2	7/16/2020	287.188	0.006	13.877	0.2346136	67.378220	0.001408	3.255733
PineRiver071620_126	1239124	2384791	A	781.8	38.2	7/16/2020	106.377	0.01	15.225	0.234854	24.983060	0.002349	3.575652
PineRiver071620_127	1239124	2384796	A	781.8	38.2	7/16/2020	13605.71	0.207	-0.651	0.234854	3195.355000	0.048615	0.000000
PineRiver071620_128	1239150	2384831	A	782.0	38.2	7/16/2020	0	-0.004	0.528	0.234914	0.000000	0.000000	0.124035
PineRiver071620_129	1239070	2384788	A	782.0	38.1	7/16/2020	-0.872	-0.004	1.347	0.2349895	0.000000	0.000000	0.316531
PineRiver071620_130	1239068	2384856	A	782.0	38.1	7/16/2020	0	-0.005	5.007	0.2349895	0.000000	0.000000	1.176593
PineRiver071620_131	1239025	2384948	A	782.1	38.0	7/16/2020	0	-0.008	3.196	0.2350951	0.000000	0.000000	0.751364
PineRiver071620_132	1239007	2385000	A	782.4	38.0	7/16/2020	1.51	0	1.595	0.2351853	0.355130	0.000000	0.375121
PineRiver071620_133	1239090	2385015	A	782.6	37.9	7/16/2020	0	-0.005	2.283	0.235321	0.000000	0.000000	0.537238
PineRiver071620_134	1238937	2384972	A	783.2	37.8	7/16/2020	0	-0.004	0.564	0.2355772	0.000000	0.000000	0.132866
PineRiver071620_90	1239696	2383557	A	778.7	29.8	7/16/2020	-2.364	-0.002	0.551	0.2404088	0.000000	0.000000	0.132465
PineRiver071620_91	1239698	2383752	A	778.7	30.3	7/16/2020	0	-0.001	0.459	0.2400127	0.000000	0.000000	0.110166
PineRiver071620_92	1239633	2383756	A	778.7	30.6	7/16/2020	0	-0.003	0.479	0.2397756	0.000000	0.000000	0.114853
PineRiver071620_93	1239677	2383905	A	778.6	30.9	7/16/2020	-0.498	-0.001	4.263	0.2395083	0.000000	0.000000	1.021024

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver071620_94	1239614	2383924	A	778.3	31.2	7/16/2020	0	-0.002	0.294	0.23918	0.000000	0.000000	0.070319
PineRiver071620_95	1239638	2383997	A	777.9	31.6	7/16/2020	211.37	0.007	8.165	0.2387433	50.463170	0.001671	1.949339
PineRiver071620_96	1239639	2384023	A	778.3	31.8	7/16/2020	0	-0.004	0.907	0.2387094	0.000000	0.000000	0.216509
PineRiver071620_97	1239553	2384018	A	778.1	32.2	7/16/2020	-0.399	-0.001	0.592	0.2383354	0.000000	0.000000	0.141095
PineRiver071620_98	1239558	2384146	A	777.9	32.6	7/16/2020	0	-0.001	0.466	0.2379624	0.000000	0.000000	0.110890
PineRiver071620_99	1239574	2384177	A	779.1	32.9	7/16/2020	0	-0.001	1.566	0.2380959	0.000000	0.000000	0.372858
PineRiver071720_01	1238181	2386590	A	790.7	29.9	7/17/2020	2.519	0.036	0.313	0.244033	0.614719	0.008785	0.076382
PineRiver071720_02	1238219	2386591	A	790.9	30.9	7/17/2020	1.377	0.01	0.5	0.2432919	0.335013	0.002433	0.121646
PineRiver071720_03	1238343	2386555	A	790.5	32.0	7/17/2020	38.525	0.036	8.045	0.2422923	9.334311	0.008723	1.949242
PineRiver071720_04	1238390	2386408	A	790.1	33.2	7/17/2020	2.156	0.029	0.463	0.2412211	0.520073	0.006995	0.111685
PineRiver071720_05	1238540	2386400	A	788.3	34.1	7/17/2020	1.465	0.024	0.18	0.2399666	0.351551	0.005759	0.043194
PineRiver071720_06	1238580	2386318	A	788.3	35.2	7/17/2020	48.234	0.04	23.512	0.2391105	11.533260	0.009564	5.621966
PineRiver071720_07	1238605	2386281	A	787.9	35.8	7/17/2020	1.107	0.02	2.158	0.2385251	0.264047	0.004771	0.514737
PineRiver071720_08	1238636	2386218	A	787.8	36.7	7/17/2020	0	-0.003	0.356	0.237802	0.000000	0.000000	0.084658
PineRiver071720_09	1238650	2386146	A	788.0	37.5	7/17/2020	-1.276	-0.002	0.669	0.2372499	0.000000	0.000000	0.158720
PineRiver071720_10	1238708	2386018	A	788.0	38.2	7/17/2020	-0.743	-0.003	0.618	0.2367165	0.000000	0.000000	0.146291

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver071720_11	1238754	2385870	A	787.9	38.6	7/17/2020	0	-0.001	0.359	0.2363827	0.000000	0.000000	0.084861
PineRiver071720_12	1238818	2385767	A	787.4	38.9	7/17/2020	0	-0.006	0.757	0.2360056	0.000000	0.000000	0.178656
PineRiver071720_13	1238890	2385663	A	786.8	39.2	7/17/2020	0	-0.003	0.153	0.2355993	0.000000	0.000000	0.036047
PineRiver071720_14	1238910	2385566	A	786.1	39.4	7/17/2020	0	-0.007	1.874	0.235239	0.000000	0.000000	0.440838
PineRiver071720_15	1238921	2385456	A	786.1	39.6	7/17/2020	0	-0.014	2.421	0.2350886	0.000000	0.000000	0.569150
PineRiver071720_16	1238945	2385403	A	785.6	39.7	7/17/2020	550.905	0.019	18.948	0.234864	129.387700	0.004462	4.450203
PineRiver071720_17	1239000	2385400	A	785.9	39.8	7/17/2020	0	-0.009	0.961	0.2348786	0.000000	0.000000	0.225718
PineRiver071720_18	1238953	2385371	A	785.5	39.9	7/17/2020	0	-0.004	13.946	0.2346841	0.000000	0.000000	3.272904
PineRiver071720_19	1238959	2385278	A	785.1	40.0	7/17/2020	0	-0.005	0.966	0.2344896	0.000000	0.000000	0.226517
PineRiver071720_20	1238941	2385236	A	784.7	40.2	7/17/2020	1668.191	0.012	7.184	0.2342206	390.724700	0.002811	1.682641
PineRiver071720_21	1238978	2385235	A	784.4	40.3	7/17/2020	-0.722	-0.009	8.957	0.2340564	0.000000	0.000000	2.096443
PineRiver071720_22	1238921	2385197	A	784.4	40.5	7/17/2020	13.181	0.012	11.926	0.2339071	3.083129	0.002807	2.789576
PineRiver071720_23	1238930	2385169	A	783.9	40.6	7/17/2020	5.532	0.007	14.774	0.2336835	1.292737	0.001636	3.452440
PineRiver071720_24	1238805	2385202	A	786.1	40.8	7/17/2020	0	-0.003	0.497	0.23419	0.000000	0.000000	0.116392
PineRiver071720_25	1238825	2385317	A	783.5	40.9	7/17/2020	0	-0.005	0.348	0.2333411	0.000000	0.000000	0.081203
PineRiver071720_26	1238804	2385389	A	784.0	41.0	7/17/2020	-0.175	-0.008	0.566	0.2334157	0.000000	0.000000	0.132113

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver071720_27	1238827	2385430	A	784.5	41.1	7/17/2020	-0.063	-0.026	1.451	0.2334903	0.000000	0.000000	0.338794
PineRiver071720_28	1238854	2385554	A	785.1	41.1	7/17/2020	2.252	0.041	5.982	0.2336688	0.526222	0.009580	1.397807
PineRiver071720_29	1238797	2385637	A	785.6	41.2	7/17/2020	80.81	0.014	6.105	0.2337433	18.888790	0.003272	1.427003
PineRiver071720_30	1238795	2385654	A	785.6	41.3	7/17/2020	1054.964	0.048	64.463	0.2336689	246.512300	0.011216	15.063000
PineRiver071720_31	1238742	2385718	A	785.9	41.4	7/17/2020	2.988	0.017	21.16	0.2336839	0.698247	0.003973	4.944750
PineRiver071720_32	1238764	2385618	A	788.0	41.6	7/17/2020	3.648	0.017	5.237	0.2341594	0.854213	0.003981	1.226293
PineRiver071720_33	1238782	2385522	A	784.9	41.7	7/17/2020	0	-0.013	1.969	0.2331641	0.000000	0.000000	0.459100
PineRiver071720_34	1238717	2385507	A	784.5	41.9	7/17/2020	0	-0.011	1.198	0.2328974	0.000000	0.000000	0.279011
PineRiver071720_35	1238689	2385381	A	784.0	42.1	7/17/2020	0	-0.015	0.708	0.2326013	0.000000	0.000000	0.164682
PineRiver071720_36	1238573	2385547	A	783.6	42.3	7/17/2020	-1.247	0	0.207	0.2323352	0.000000	0.000000	0.048093
PineRiver071720_37	1238685	2385606	A	784.0	42.4	7/17/2020	0	-0.016	1.394	0.2323801	0.000000	0.000000	0.323938
PineRiver071720_38	1238634	2385704	A	784.7	42.5	7/17/2020	0	-0.004	0.818	0.2325139	0.000000	0.000000	0.190196
PineRiver071720_39	1238643	2385725	A	784.8	42.7	7/17/2020	2.474	0.031	1.415	0.2323963	0.574948	0.007204	0.328841
PineRiver071720_40	1238517	2385765	A	784.7	42.8	7/17/2020	0	-0.016	0.125	0.2322931	0.000000	0.000000	0.029037
PineRiver071720_41	1238617	2385840	A	784.5	43.0	7/17/2020	10.883	0.023	1.546	0.232087	2.525803	0.005338	0.358807
PineRiver071720_42	1238706	2385842	A	785.3	43.1	7/17/2020	0	-0.008	1.443	0.2322502	0.000000	0.000000	0.335137

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
PineRiver071720_43	1238633	2385973	A	788.3	43.3	7/17/2020	41.14	0.011	6.427	0.2329901	9.585214	0.002563	1.497428
PineRiver071720_44	1238620	2385960	A	788.3	43.5	7/17/2020	-0.804	-0.02	1.266	0.232843	0.000000	0.000000	0.294779
PineRiver071720_45	1238568	2386030	A	785.3	43.6	7/17/2020	115.546	0.03	10.707	0.2318836	26.793230	0.006957	2.482778
PineRiver071720_46	1238552	2386126	A	784.9	43.7	7/17/2020	77.012	0.031	9.103	0.2316924	17.843090	0.007182	2.109096
PineRiver071720_47	1238513	2386044	A	784.9	43.8	7/17/2020	1.705	0.011	2.678	0.2316193	0.394911	0.002548	0.620276
PineRiver071720_48	1238552	2385970	A	784.7	43.8	7/17/2020	-0.324	-0.01	2.449	0.2315602	0.000000	0.000000	0.567091
PineRiver071720_49	1238424	2386021	A	784.5	43.9	7/17/2020	0	-0.014	0.319	0.2314282	0.000000	0.000000	0.073826
PineRiver071720_50	1238363	2386110	A	787.7	44.0	7/17/2020	-0.63	-0.004	0.863	0.2322989	0.000000	0.000000	0.200474
PineRiver071720_51	1238195	2386315	A	786.3	44.0	7/17/2020	-1.143	-0.018	0.154	0.2318861	0.000000	0.000000	0.035710
VosburgPike061520_113	1245950	2359373	A	756.4	26.1	6/15/2020	-0.022	-0.009	0.263	0.2364114	0.000000	0.000000	0.062176
VosburgPike061520_114	1245940	2359264	A	756.4	27.3	6/15/2020	1.495	0.008	6.272	0.2354672	0.352023	0.001884	1.476850
VosburgPike061520_115	1245913	2359301	A	755.9	28.3	6/15/2020	55.849	0.01	1.603	0.234531	13.098320	0.002345	0.375953
VosburgPike061520_116	1245886	2359318	A	756.5	29.1	6/15/2020	535.715	0.007	3.754	0.2340959	125.408700	0.001639	0.878796
VosburgPike061520_117	1245863	2359342	A	756.5	30.2	6/15/2020	3.33	0.001	3.142	0.233247	0.776712	0.000233	0.732862
VosburgPike061520_118	1245832	2359362	A	756.9	30.9	6/15/2020	679.436	0.008	6.563	0.232833	158.195100	0.001863	1.528083
VosburgPike061520_119	1245722	2359365	A	757.3	31.9	6/15/2020	-1.989	-0.009	1.15	0.2321924	0.000000	0.000000	0.267021

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike06152_0_120	1245749	2359140	A	757.3	32.9	6/15/2020	-1.178	-0.008	1.369	0.2314337	0.000000	0.000000	0.316833
VosburgPike06152_0_121	1245713	2359007	A	755.8	34.1	6/15/2020	-0.128	-0.002	0.709	0.2300732	0.000000	0.000000	0.163122
VosburgPike06152_0_122	1245715	2358773	A	754.8	35.3	6/15/2020	0	-0.01	1.829	0.2288749	0.000000	0.000000	0.418612
VosburgPike06152_0_123	1245931	2358752	A	754.0	36.1	6/15/2020	0	-0.021	0.446	0.2280409	0.000000	0.000000	0.101706
VosburgPike06152_0_124	1246124	2358745	A	754.2	37.1	6/15/2020	0	-0.021	0.577	0.2273662	0.000000	0.000000	0.131190
VosburgPike06152_0_125	1246128	2358950	A	753.3	37.7	6/15/2020	-0.806	-0.019	0.393	0.2266565	0.000000	0.000000	0.089076
VosburgPike06152_0_126	1245961	2359027	A	754.0	38.2	6/15/2020	-1.312	-0.01	1.572	0.2265028	0.000000	0.000000	0.356062
VosburgPike06152_0_127	1245914	2358977	A	755.0	38.6	6/15/2020	-0.598	-0.02	0.882	0.2265122	0.000000	0.000000	0.199784
VosburgPike06152_0_128	1245921	2359164	A	755.0	39.0	6/15/2020	-0.417	-0.015	1.761	0.2262219	0.000000	0.000000	0.398377
VosburgPike06152_0_129	1246134	2359149	A	755.3	40.7	6/15/2020	-1.663	-0.019	0.654	0.225086	0.000000	0.000000	0.147206
VosburgPike06152_0_130	1246143	2359398	A	755.6	41.2	6/15/2020	-1.843	-0.053	0.683	0.2248172	0.000000	0.000000	0.153550
VosburgPike06152_0_131	1246361	2359413	A	755.7	41.6	6/15/2020	-0.942	-0.033	1.402	0.2245612	0.000000	0.000000	0.314835
VosburgPike06152_0_132	1246335	2359552	A	754.9	41.8	6/15/2020	0	-0.007	0.351	0.2241811	0.000000	0.000000	0.078688
VosburgPike06152_0_133	1246153	2359526	A	754.9	42.0	6/15/2020	0	-0.013	1.319	0.2240388	0.000000	0.000000	0.295507
VosburgPike06152_0_134	1245910	2359554	A	755.3	42.1	6/15/2020	0	-0.025	0.778	0.2240864	0.000000	0.000000	0.174339
VosburgPike06152_0_135	1245746	2359540	A	756.9	42.1	6/15/2020	-0.422	-0.021	0.748	0.2245611	0.000000	0.000000	0.167972

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike061520_136	1245798	2360027	A	757.7	42.2	6/15/2020	-0.215	-0.026	0.614	0.2247272	0.000000	0.000000	0.137982
VosburgPike061520_137	1245732	2360109	A	757.5	42.3	6/15/2020	0	-0.02	0.572	0.2245966	0.000000	0.000000	0.128469
VosburgPike061520_138	1245905	2360177	A	757.2	42.3	6/15/2020	-0.349	-0.016	0.364	0.2245077	0.000000	0.000000	0.081721
VosburgPike061520_139	1245912	2360279	A	756.5	42.4	6/15/2020	0	-0.022	1	0.224229	0.000000	0.000000	0.224229
VosburgPike061520_140	1245981	2360280	A	756.8	42.4	6/15/2020	0	-0.019	0.469	0.224318	0.000000	0.000000	0.105205
VosburgPike061520_141	1246102	2360220	A	757.2	42.3	6/15/2020	0	-0.038	0.428	0.2245077	0.000000	0.000000	0.096089
VosburgPike061520_142	1246114	2360316	A	759.5	42.3	6/15/2020	165.601	0.017	14.655	0.2251896	37.291630	0.003828	3.300154
VosburgPike061520_143	1245789	2360396	A	757.5	42.3	6/15/2020	-1.508	-0.006	0.564	0.2245966	0.000000	0.000000	0.126672
VosburgPike061520_144	1245766	2360505	A	758.5	42.4	6/15/2020	0	-0.015	0.297	0.2248219	0.000000	0.000000	0.066772
VosburgPike061520_145	1245889	2360544	A	759.5	42.5	6/15/2020	0	-0.011	0.63	0.2250469	0.000000	0.000000	0.141780
VosburgPike061520_146	1246127	2360477	A	760.3	42.5	6/15/2020	0	-0.051	0.038	0.225284	0.000000	0.000000	0.008561
VosburgPike061520_147	1246150	2360736	A	759.6	42.5	6/15/2020	0	-0.034	0.043	0.2250766	0.000000	0.000000	0.009678
VosburgPike061520_148	1246160	2360974	A	759.1	42.5	6/15/2020	-0.653	-0.006	0.422	0.2249284	0.000000	0.000000	0.094920
VosburgPike061520_149	1246218	2361247	A	759.2	42.3	6/15/2020	-1.088	-0.02	1.702	0.2251007	0.000000	0.000000	0.383121
VosburgPike061520_150	1246039	2361224	A	756.6	42.3	6/15/2020	-0.556	-0.008	1.566	0.2243298	0.000000	0.000000	0.351300
VosburgPike061520_151	1246021	2361071	A	758.1	42.1	6/15/2020	-0.085	-0.015	1.844	0.2249171	0.000000	0.000000	0.414747

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike06152_0_152	1245833	2361301	A	758.5	41.9	6/15/2020	0	-0.037	0.02	0.2251786	0.000000	0.000000	0.004504
VosburgPike06152_0_153	1245585	2361340	A	758.4	41.8	6/15/2020	0	-0.007	0.72	0.2252205	0.000000	0.000000	0.162159
VosburgPike06152_0_154	1245439	2361288	A	759.9	41.7	6/15/2020	0	-0.025	0.138	0.2257376	0.000000	0.000000	0.031152
VosburgPike06152_0_155	1245240	2361279	A	761.1	41.7	6/15/2020	0	-0.034	0.335	0.2260941	0.000000	0.000000	0.075742
VosburgPike06152_0_156	1245155	2361086	A	762.4	41.7	6/15/2020	0	-0.017	2.437	0.2264802	0.000000	0.000000	0.551932
VosburgPike06152_0_157	1245190	2360916	A	768.8	41.9	6/15/2020	-0.09	-0.003	2.599	0.2282365	0.000000	0.000000	0.593187
VosburgPike06152_0_158	1245334	2360835	A	764.1	42.1	6/15/2020	55.15	-0.011	8.569	0.2266972	12.502350	0.000000	1.942569
VosburgPike06152_0_159	1245497	2360753	A	762.7	42.3	6/15/2020	-1.124	-0.009	2.049	0.2261384	0.000000	0.000000	0.463358
VosburgPike06152_0_160	1245383	2361008	A	762.2	42.6	6/15/2020	89.897	0.008	6.996	0.2257754	20.296540	0.001806	1.579525
VosburgPike06152_0_161	1245341	2361010	A	764.4	42.8	6/15/2020	1.344	0.039	2.566	0.2262838	0.304125	0.008825	0.580644
VosburgPike06152_0_162	1245602	2361034	A	764.5	43.2	6/15/2020	-0.385	-0.035	3.684	0.2260272	0.000000	0.000000	0.832684
VosburgPike06152_0_163	1245650	2361033	A	762.1	43.4	6/15/2020	1183.678	0.016	15.245	0.2251753	266.535100	0.003603	3.432797
VosburgPike06152_0_164	1245660	2361047	A	761.8	43.6	6/15/2020	224.453	0.012	8.547	0.2249445	50.489480	0.002699	1.922601
VosburgPike06152_0_165	1245713	2361046	A	761.8	43.8	6/15/2020	591.059	0.015	6.766	0.2248026	132.871600	0.003372	1.521014
VosburgPike06152_0_166	1245803	2361013	A	761.4	44.1	6/15/2020	15.806	0.028	5.576	0.2244721	3.548006	0.006285	1.251656
VosburgPike06152_0_167	1245834	2361006	A	760.4	44.2	6/15/2020	31.403	0.02	4.093	0.2241066	7.037621	0.004482	0.917268

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike06152 0_168	1245881	2361015	A	760.0	44.4	6/15/2020	3.378	0.009	2.461	0.2238477	0.756157	0.002015	0.550889
VosburgPike06152 0_169	1245899	2360749	A	759.6	44.6	6/15/2020	-1.788	-0.03	1.065	0.223589	0.000000	0.000000	0.238122
VosburgPike06152 0_170	1245773	2360702	A	761.6	44.7	6/15/2020	-0.222	-0.011	0.141	0.2241072	0.000000	0.000000	0.031599
VosburgPike06152 0_171	1245566	2360348	A	761.3	44.8	6/15/2020	-1.168	-0.049	0.793	0.2239485	0.000000	0.000000	0.177591
VosburgPike06152 0_172	1245409	2360388	A	759.2	44.8	6/15/2020	-0.796	-0.089	1.013	0.2233307	0.000000	0.000000	0.226234
VosburgPike06152 0_173	1245353	2360243	A	760.7	44.7	6/15/2020	-0.67	-0.012	0.006	0.2238424	0.000000	0.000000	0.001343
VosburgPike06152 0_174	1245449	2360190	A	760.7	44.7	6/15/2020	-0.404	-0.017	0.301	0.2238424	0.000000	0.000000	0.067377
VosburgPike06152 0_175	1245396	2359963	A	760.2	44.7	6/15/2020	-0.392	-0.019	1.968	0.2236952	0.000000	0.000000	0.440232
VosburgPike06152 0_176	1245510	2359937	A	760.0	44.8	6/15/2020	-0.758	-0.029	0.495	0.2235661	0.000000	0.000000	0.110665
VosburgPike06162 0_01	1245300	2362238	A	764.3	28.4	6/16/2020	203.003	-0.002	3.27	0.2370586	48.123600	0.000000	0.775182
VosburgPike06162 0_02	1245235	2362220	A	767.8	29.2	6/16/2020	0	-0.003	1.134	0.237514	0.000000	0.000000	0.269341
VosburgPike06162 0_03	1245279	2362291	A	764.3	30.3	6/16/2020	-0.136	-0.008	1.122	0.2355743	0.000000	0.000000	0.264314
VosburgPike06162 0_04	1245256	2362080	A	763.2	30.9	6/16/2020	-1.517	-0.002	0.355	0.234771	0.000000	0.000000	0.083344
VosburgPike06162 0_05	1245284	2362020	A	761.9	31.1	6/16/2020	-1.335	-0.011	0.445	0.234217	0.000000	0.000000	0.104227
VosburgPike06162 0_06	1245368	2362018	A	761.2	31.3	6/16/2020	-0.456	-0.009	0.311	0.2338481	0.000000	0.000000	0.072727
VosburgPike06162 0_07	1245463	2362048	A	761.0	31.6	6/16/2020	-0.934	0	0.414	0.2335566	0.000000	0.000000	0.096692

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike061620_08	1245555	2362038	A	760.1	31.9	6/16/2020	-0.118	-0.003	1.816	0.2330509	0.000000	0.000000	0.423220
VosburgPike061620_09	1245598	2362020	A	759.7	32.2	6/16/2020	-1.816	-0.002	5.699	0.2326994	0.000000	0.000000	1.326154
VosburgPike061620_10	1245598	2361992	A	759.5	32.7	6/16/2020	22.525	0.004	24.203	0.2322579	5.231608	0.000929	5.621337
VosburgPike061620_11	1245460	2361847	A	759.1	33.2	6/16/2020	-0.561	0	0.439	0.2317567	0.000000	0.000000	0.101741
VosburgPike061620_12	1245687	2361806	A	759.1	34.6	6/16/2020	0	-0.004	0.757	0.2307024	0.000000	0.000000	0.174642
VosburgPike061620_13	1245888	2361785	A	756.8	35.2	6/16/2020	0	-0.002	1.354	0.2295558	0.000000	0.000000	0.310819
VosburgPike061620_14	1245937	2361833	A	756.9	35.7	6/16/2020	-0.627	-0.006	1.114	0.2292145	0.000000	0.000000	0.255345
VosburgPike061620_15	1246001	2361842	A	757.3	36.1	6/16/2020	44.92	0.012	5.867	0.229039	10.288430	0.002748	1.343772
VosburgPike061620_16	1246013	2361776	A	756.8	36.4	6/16/2020	-1.369	-0.005	1.041	0.2286659	0.000000	0.000000	0.238041
VosburgPike061620_17	1246079	2361844	A	756.4	36.7	6/16/2020	0	-0.005	0.425	0.2283238	0.000000	0.000000	0.097038
VosburgPike061620_18	1246025	2361898	A	756.9	37.0	6/16/2020	-1.925	-0.006	1.577	0.2282537	0.000000	0.000000	0.359956
VosburgPike061620_19	1245943	2361879	A	757.7	37.2	6/16/2020	11.289	0.007	4.802	0.2283477	2.577817	0.001598	1.096526
VosburgPike061620_20	1245888	2361960	A	758.1	37.3	6/16/2020	11.307	0.001	3.544	0.2283947	2.582458	0.000228	0.809431
VosburgPike061620_21	1245862	2361977	A	759.2	37.4	6/16/2020	1368.402	0.001	15.172	0.2286524	312.888400	0.000229	3.469114
VosburgPike061620_22	1245680	2362034	A	759.2	37.5	6/16/2020	7.303	0.006	15.416	0.2285788	1.669311	0.001371	3.523771
VosburgPike061620_23	1245677	2362056	A	760.1	37.6	6/16/2020	3.069	0.004	4.591	0.2287761	0.702114	0.000915	1.050311

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike06162_0_24	1245707	2362071	A	760.5	37.7	6/16/2020	4.009	0.01	1.749	0.2288229	0.917351	0.002288	0.400211
VosburgPike06162_0_25	1245741	2362032	A	760.3	37.8	6/16/2020	73.742	0.016	14.188	0.2286891	16.863990	0.003659	3.244641
VosburgPike06162_0_26	1245758	2362016	A	760.3	37.9	6/16/2020	17.204	0.008	2.844	0.2286156	3.933103	0.001829	0.650183
VosburgPike06162_0_27	1245786	2362028	A	759.6	38.0	6/16/2020	1.967	0.009	2.546	0.2283317	0.449129	0.002055	0.581333
VosburgPike06162_0_28	1245844	2362018	A	759.6	38.2	6/16/2020	64.508	0.013	9.596	0.2281851	14.719760	0.002966	2.189664
VosburgPike06162_0_29	1245967	2361975	A	759.5	38.3	6/16/2020	-0.784	-0.007	0.927	0.2280818	0.000000	0.000000	0.211432
VosburgPike06162_0_30	1246039	2361961	A	758.3	38.5	6/16/2020	-0.597	-0.017	1.134	0.2275753	0.000000	0.000000	0.258070
VosburgPike06162_0_31	1246016	2362056	A	758.1	38.7	6/16/2020	0	-0.011	0.508	0.2273693	0.000000	0.000000	0.115504
VosburgPike06162_0_32	1245979	2362111	A	758.9	38.9	6/16/2020	-1.153	-0.014	0.194	0.2274634	0.000000	0.000000	0.044128
VosburgPike06162_0_33	1245974	2362147	A	759.2	39.1	6/16/2020	-0.174	-0.006	0.14	0.2274075	0.000000	0.000000	0.031837
VosburgPike06162_0_34	1245969	2362226	A	759.2	39.2	6/16/2020	-0.785	-0.014	0.123	0.2273347	0.000000	0.000000	0.027962
VosburgPike06162_0_35	1245930	2362233	A	760.1	39.3	6/16/2020	-0.488	-0.007	1.277	0.2275314	0.000000	0.000000	0.290558
VosburgPike06162_0_36	1245846	2362256	A	760.5	39.3	6/16/2020	-1.443	-0.013	0.545	0.2276511	0.000000	0.000000	0.124070
VosburgPike06162_0_37	1245832	2362316	A	760.3	39.3	6/16/2020	0	-0.007	0.606	0.2275913	0.000000	0.000000	0.137920
VosburgPike06162_0_38	1245818	2362354	A	760.1	39.3	6/16/2020	0	-0.01	0.691	0.2275314	0.000000	0.000000	0.157224
VosburgPike06162_0_39	1245785	2362374	A	760.4	39.2	6/16/2020	0	-0.004	0.626	0.2276941	0.000000	0.000000	0.142536

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike06162_0_40	1245740	2362349	A	760.8	39.2	6/16/2020	0	-0.005	0.812	0.2278138	0.000000	0.000000	0.184985
VosburgPike06162_0_41	1245765	2362315	A	760.8	39.2	6/16/2020	0	-0.016	1.125	0.2278138	0.000000	0.000000	0.256291
VosburgPike06162_0_42	1245779	2362282	A	760.5	39.2	6/16/2020	0	-0.009	0.753	0.227724	0.000000	0.000000	0.171476
VosburgPike06162_0_44	1245742	2362265	A	761.4	39.2	6/16/2020	0	-0.009	1.557	0.2279935	0.000000	0.000000	0.354986
VosburgPike06162_0_45	1245721	2362288	A	761.4	39.2	6/16/2020	0	-0.017	0.247	0.2279935	0.000000	0.000000	0.056314
VosburgPike06162_0_46	1245695	2362305	A	764.5	39.3	6/16/2020	0	-0.005	0.477	0.2288485	0.000000	0.000000	0.109161
VosburgPike06162_0_47	1245702	2362342	A	761.0	39.3	6/16/2020	0	-0.008	1.225	0.2278008	0.000000	0.000000	0.279056
VosburgPike06162_0_48	1245656	2362340	A	761.0	39.2	6/16/2020	0	-0.011	1.171	0.2278737	0.000000	0.000000	0.266840
VosburgPike06162_0_49	1245599	2362360	A	761.4	39.2	6/16/2020	0	-0.02	1.197	0.2279935	0.000000	0.000000	0.272908
VosburgPike06162_0_50	1245626	2362322	A	761.6	39.1	6/16/2020	0	-0.007	2.719	0.2281264	0.000000	0.000000	0.620276
VosburgPike06162_0_51	1245596	2362289	A	761.6	39.0	6/16/2020	0	-0.011	0.045	0.2281995	0.000000	0.000000	0.010269
VosburgPike06162_0_52	1245606	2362230	A	762.2	38.9	6/16/2020	0	-0.003	-0.015	0.2284525	0.000000	0.000000	0.000000
VosburgPike06162_0_53	1245650	2362244	A	761.6	38.9	6/16/2020	0	-0.01	1.087	0.2282726	0.000000	0.000000	0.248132
VosburgPike06162_0_54	1245637	2362220	A	761.5	38.8	6/16/2020	0	-0.012	1.925	0.2283158	0.000000	0.000000	0.439508
VosburgPike06162_0_55	1245672	2362209	A	761.1	38.7	6/16/2020	0	-0.008	0.603	0.2282691	0.000000	0.000000	0.137646
VosburgPike06162_0_56	1245719	2362203	A	760.7	38.7	6/16/2020	0	-0.009	0.213	0.2281491	0.000000	0.000000	0.048596

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike061620_57	1245753	2362193	A	760.5	38.7	6/16/2020	0	-0.011	0.366	0.2280891	0.000000	0.000000	0.083481
VosburgPike061620_58	1245780	2362178	A	760.5	38.8	6/16/2020	0	-0.013	0.673	0.228016	0.000000	0.000000	0.153455
VosburgPike061620_59	1245821	2362160	A	760.0	38.9	6/16/2020	-2.362	-0.008	0.276	0.2277931	0.000000	0.000000	0.062871
VosburgPike061620_60	1245838	2362171	A	760.0	39.0	6/16/2020	1452.896	0.011	6.591	0.2277201	330.853600	0.002505	1.500903
VosburgPike061620_61	1245872	2362158	A	759.7	39.1	6/16/2020	-8.033	-0.006	1.22	0.2275573	0.000000	0.000000	0.277620
VosburgPike061620_62	1245865	2362129	A	759.6	39.2	6/16/2020	-0.696	-0.012	0.148	0.2274545	0.000000	0.000000	0.033663
VosburgPike061620_63	1245831	2362102	A	759.9	39.4	6/16/2020	346.14	-0.001	4.273	0.2273987	78.711800	0.000000	0.971675
VosburgPike061620_64	1245810	2362101	A	760.0	39.5	6/16/2020	14.735	0.014	7.189	0.2273559	3.350090	0.003183	1.634462
VosburgPike061620_65	1245781	2362084	A	759.7	39.6	6/16/2020	1716.992	0.013	11.077	0.2271935	390.089400	0.002954	2.516622
VosburgPike061620_66	1245680	2362127	A	763.1	40.0	6/16/2020	2520.305	0.012	10.965	0.2279188	574.424900	0.002735	2.499130
VosburgPike061620_67	1245633	2362093	A	760.3	40.2	6/16/2020	69.128	0.011	26.646	0.2269376	15.687740	0.002496	6.046978
VosburgPike061620_68	1245617	2362088	A	759.9	40.4	6/16/2020	1074.883	0.003	10.493	0.2266735	243.647500	0.000680	2.378485
VosburgPike061620_69	1245611	2362104	A	759.9	40.6	6/16/2020	29.795	0	3.583	0.226529	6.749432	0.000000	0.811653
VosburgPike061620_70	1245563	2362120	A	759.9	40.8	6/16/2020	2.546	0.003	0.746	0.2263847	0.576375	0.000679	0.168883
VosburgPike061620_71	1245525	2362116	A	760.0	41.0	6/16/2020	2.489	0.009	4.668	0.2262703	0.563187	0.002036	1.056230
VosburgPike061620_72	1245641	2362163	A	760.4	41.4	6/16/2020	-2.531	-0.02	0.186	0.2261015	0.000000	0.000000	0.042055

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike061620_73	1245656	2362142	A	760.8	41.6	6/16/2020	133251.2	0.028	286.76	0.2260767	30124.990000	0.006330	64.829770
VosburgPike061620_74	1245668	2362144	A	760.7	41.8	6/16/2020	13.882	0.001	3.374	0.2259035	3.135992	0.000226	0.762198
VosburgPike061620_75	1245707	2362171	A	760.7	42.0	6/16/2020	-0.85	-0.019	0.713	0.2257601	0.000000	0.000000	0.160967
VosburgPike061620_76	1245771	2362134	A	760.4	42.2	6/16/2020	83450.19	0.037	80.678	0.225528	18820.350000	0.008345	18.195150
VosburgPike061620_77	1245782	2362149	A	760.4	42.3	6/16/2020	25.236	0.027	2.431	0.2254565	5.689619	0.006087	0.548085
VosburgPike061620_78	1245553	2362205	A	760.0	42.6	6/16/2020	-2.766	-0.023	0.265	0.2251238	0.000000	0.000000	0.059658
VosburgPike061620_79	1245548	2362219	A	761.4	42.8	6/16/2020	-0.937	-0.013	0.06	0.2253957	0.000000	0.000000	0.013524
VosburgPike061620_80	1245497	2362253	A	764.8	43.0	6/16/2020	22.935	0.02	3.795	0.226259	5.189249	0.004525	0.858653
VosburgPike061620_81	1245489	2362293	A	764.8	43.1	6/16/2020	-0.734	-0.01	3.463	0.2261874	0.000000	0.000000	0.783287
VosburgPike061620_82	1245379	2362224	A	761.6	43.2	6/16/2020	-1.841	-0.027	0.482	0.2251698	0.000000	0.000000	0.108532
VosburgPike061620_83	1245398	2362199	A	761.6	43.3	6/16/2020	-12.084	-0.003	0.709	0.2250987	0.000000	0.000000	0.159595
VosburgPike061620_84	1245434	2362187	A	761.4	43.4	6/16/2020	-0.736	-0.012	13.013	0.2249685	0.000000	0.000000	2.927515
VosburgPike061020_48	1240919	2340960	A	754.5	41.8	6/10/2020	-4.104	0.021	1.712	0.2240623	0.000000	0.004705	0.383595
VosburgPike061020_49	1240920	2340985	A	765.5	42.3	6/10/2020	-1.582	-0.027	-5.686	0.2269686	0.000000	0.000000	0.000000
VosburgPike061020_50	1240861	2340953	A	766.1	42.5	6/10/2020	-1.572	-0.01	0.131	0.2270026	0.000000	0.000000	0.029737
VosburgPike061020_51	1240860	2341003	A	766.1	42.7	6/10/2020	8.955	0.038	4.101	0.2268588	2.031521	0.008621	0.930348

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike06102_0_52	1240853	2341018	A	766.1	42.8	6/10/2020	-0.165	0.018	1.439	0.226787	0.000000	0.004082	0.326347
VosburgPike06102_0_53	1240879	2341040	A	766.6	42.9	6/10/2020	838.219	0.001	29.767	0.2268632	190.161100	0.000227	6.753038
VosburgPike06102_0_54	1240912	2341033	A	766.5	43.0	6/10/2020	-3.911	-0.012	0.385	0.2267619	0.000000	0.000000	0.087303
VosburgPike06102_0_55	1240858	2341058	A	766.5	43.1	6/10/2020	21.543	0.072	18.633	0.2266902	4.883586	0.016322	4.223918
VosburgPike06102_0_56	1240914	2341094	A	767.0	43.1	6/10/2020	-5.277	0.003	0.483	0.2268381	0.000000	0.000681	0.109563
VosburgPike06102_0_57	1240906	2341117	A	767.4	43.2	6/10/2020	-2.721	-0.008	1.064	0.2268846	0.000000	0.000000	0.241405
VosburgPike06102_0_58	1240884	2341108	A	767.8	43.2	6/10/2020	-5.316	-0.007	0.001	0.2270029	0.000000	0.000000	0.000227
VosburgPike06102_0_59	1240872	2341090	A	767.7	43.3	6/10/2020	130.11	0.054	26.442	0.2269016	29.522170	0.012253	5.999732
VosburgPike06102_0_60	1240872	2341129	A	767.7	43.3	6/10/2020	-0.46	0.011	0.139	0.2269016	0.000000	0.002496	0.031539
VosburgPike06102_0_61	1240830	2341115	A	768.1	43.4	6/10/2020	-4.453	-0.004	1.777	0.2269481	0.000000	0.000000	0.403287
VosburgPike06102_0_62	1240809	2341101	A	768.0	43.5	6/10/2020	-2.11	0.004	1.439	0.2268469	0.000000	0.000907	0.326433
VosburgPike06102_0_63	1240821	2341045	A	767.7	43.5	6/10/2020	-2.198	-0.005	2.471	0.2267583	0.000000	0.000000	0.560320
VosburgPike06102_0_64	1240806	2340994	A	767.0	43.6	6/10/2020	-0.268	0.004	1.208	0.22648	0.000000	0.000906	0.273588
VosburgPike06102_0_65	1240796	2340961	A	767.0	43.7	6/10/2020	-2.134	0	0.326	0.2264085	0.000000	0.000000	0.073809
FloridaRiver060320_45	1237319	2335244	A	788.6	44.3	6/3/2020	-2.983	0.006	0.004	0.2323446	0.000000	0.001394	0.000929
FloridaRiver060320_46	1237315	2335167	A	778.6	44.6	6/3/2020	-3.404	-0.004	0.288	0.2291817	0.000000	0.000000	0.066004

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
FloridaRiver060320_47	1237335	2335121	A	778.2	44.9	6/3/2020	-4.759	0.003	0.253	0.2288479	0.000000	0.000687	0.057899
FloridaRiver060320_48	1237347	2335083	A	778.1	45.1	6/3/2020	-7.653	0	0.457	0.2286747	0.000000	0.000000	0.104504
FloridaRiver060320_49	1237382	2335075	A	777.5	45.4	6/3/2020	-2.494	-0.004	0.182	0.2282832	0.000000	0.000000	0.041548
FloridaRiver060320_50	1237415	2335070	A	777.3	45.6	6/3/2020	-2.078	-0.002	0.392	0.2280813	0.000000	0.000000	0.089408
FloridaRiver060320_51	1237416	2335119	A	776.9	45.8	6/3/2020	-4.346	0	0.278	0.2278209	0.000000	0.000000	0.063334
FloridaRiver060320_52	1237444	2335125	A	776.9	45.9	6/3/2020	-8.763	0	0.902	0.2277495	0.000000	0.000000	0.205430
FloridaRiver060320_53	1237524	2335126	A	776.6	46.0	6/3/2020	-4.638	-0.005	0.574	0.2275902	0.000000	0.000000	0.130637
FloridaRiver060320_54	1237504	2335179	A	775.9	46.1	6/3/2020	-4.29	0.001	0.14	0.2273139	0.000000	0.000227	0.031824
FloridaRiver060320_55	1237503	2335248	A	776.1	46.1	6/3/2020	-2.932	0.011	0.262	0.2273725	0.000000	0.002501	0.059572
FloridaRiver060320_56	1237478	2335296	A	776.3	46.0	6/3/2020	-1.053	0.014	0.352	0.2275023	0.000000	0.003185	0.080081
FloridaRiver060320_57	1237442	2335307	A	776.9	46.0	6/3/2020	-4.49	0.015	2.158	0.2276782	0.000000	0.003415	0.491329
FloridaRiver060320_58	1237435	2335265	A	777.4	45.9	6/3/2020	-7.52	0.003	1.676	0.2278961	0.000000	0.000684	0.381954
FloridaRiver060320_59	1237416	2335227	A	777.4	45.9	6/3/2020	8.355	0.017	9.117	0.2278961	1.904072	0.003874	2.077729
FloridaRiver060320_60	1237417	2335187	A	777.0	45.9	6/3/2020	-2.667	0.066	1.7	0.2277788	0.000000	0.015033	0.387224
FloridaRiver060320_61	1237385	2335194	A	777.4	45.9	6/3/2020	-7.101	-0.004	0.309	0.2278961	0.000000	0.000000	0.070420
FloridaRiver060320_62	1237364	2335235	A	777.7	45.9	6/3/2020	-4.213	0.007	0.262	0.227984	0.000000	0.001596	0.059732

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
FloridaRiver060320_63	1237358	2335259	A	777.7	45.9	6/3/2020	-3.053	0.002	0.236	0.227984	0.000000	0.000456	0.053804
FloridaRiver060320_64	1237381	2335298	A	777.8	45.8	6/3/2020	-2.241	-0.007	0.137	0.2280848	0.000000	0.000000	0.031248
SFTC060420_01	1243373	2373788	A	777.9	26.2	6/4/2020	-0.528	-0.013	0.035	0.24305	0.000000	0.000000	0.008507
SFTC060420_02	1243366	2373677	A	777.9	27.1	6/4/2020	1.305	0.013	0.899	0.2423215	0.316229	0.003150	0.217847
SFTC060420_03	1243382	2373579	A	777.9	28.1	6/4/2020	-0.14	-0.001	-0.029	0.2415171	0.000000	0.000000	0.000000
SFTC060420_04	1243414	2373561	A	777.9	28.9	6/4/2020	-0.529	-0.004	0.512	0.2408774	0.000000	0.000000	0.123329
SFTC060420_05	1243446	2373400	A	777.9	29.7	6/4/2020	-1.036	-0.01	1.148	0.2402411	0.000000	0.000000	0.275797
SFTC060420_06	1243421	2373412	A	777.8	30.5	6/4/2020	-0.489	-0.018	0.462	0.2395774	0.000000	0.000000	0.110685
SFTC060420_07	1243435	2373184	A	777.8	31.7	6/4/2020	-0.781	-0.015	2.884	0.2386343	0.000000	0.000000	0.688221
SFTC060420_08	1243417	2372792	A	777.4	33.0	6/4/2020	-0.92	-0.003	-0.252	0.2374988	0.000000	0.000000	0.000000
SFTC060420_09	1243453	2372555	A	776.9	33.9	6/4/2020	-0.761	-0.016	0.718	0.2366503	0.000000	0.000000	0.169915
SFTC060420_10	1243432	2372568	A	776.9	34.6	6/4/2020	0	-0.013	-0.004	0.2361121	0.000000	0.000000	0.000000
SFTC060420_11	1243476	2372334	A	776.7	35.6	6/4/2020	-1.26	-0.013	0.662	0.2352867	0.000000	0.000000	0.155760
SFTC060420_12	1243444	2372322	A	776.7	36.3	6/4/2020	-0.205	-0.009	2.992	0.2347545	0.000000	0.000000	0.702385
SFTC060420_13	1243451	2371990	A	777.0	37.6	6/4/2020	-0.336	-0.004	-0.088	0.2338627	0.000000	0.000000	0.000000
SFTC060420_14	1243527	2371785	A	776.7	38.4	6/4/2020	-0.894	-0.011	0.696	0.2331721	0.000000	0.000000	0.162288
SFTC060420_15	1243502	2371672	A	776.5	39.0	6/4/2020	-1.997	-0.031	1.081	0.232664	0.000000	0.000000	0.251510
SFTC060420_16	1243501	2371587	A	776.3	39.6	6/4/2020	-1.594	-0.015	3.059	0.2321579	0.000000	0.000000	0.710171
SFTC060420_17	1243557	2371355	A	776.2	40.3	6/4/2020	-2.018	-0.008	0.082	0.2316096	0.000000	0.000000	0.018992
SFTC060420_18	1243579	2371197	A	776.0	40.9	6/4/2020	-3.101	-0.03	2.139	0.2311075	0.000000	0.000000	0.494339
SFTC060420_19	1243553	2371138	A	775.9	41.5	6/4/2020	-0.774	-0.006	0.071	0.2306371	0.000000	0.000000	0.016375
SFTC060420_20	1243582	2371138	A	775.9	41.9	6/4/2020	-0.003	-0.006	1.035	0.2303443	0.000000	0.000000	0.238406

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC060420_21	1243584	2371094	A	775.9	42.4	6/4/2020	-2.648	-0.024	0.251	0.2299793	0.000000	0.000000	0.057725
SFTC060420_22	1243591	2370963	A	775.6	42.9	6/4/2020	-1.304	-0.013	1.373	0.2295267	0.000000	0.000000	0.315140
SFTC060420_23	1243559	2370961	A	775.6	43.4	6/4/2020	15.88	0.032	17.066	0.2291641	3.639126	0.007333	3.910915
SFTC060420_24	1243565	2370781	A	775.5	44.0	6/4/2020	-1.899	-0.021	0.105	0.2287011	0.000000	0.000000	0.024014
SFTC060420_25	1243596	2370751	A	775.5	44.4	6/4/2020	-1.609	-0.01	2.453	0.228413	0.000000	0.000000	0.560297
SFTC060420_26	1243592	2370601	A	775.5	44.7	6/4/2020	-1.311	-0.048	0.016	0.2281974	0.000000	0.000000	0.003651
SFTC060420_27	1243566	2370599	A	775.5	45.1	6/4/2020	0	-0.015	0.037	0.2279106	0.000000	0.000000	0.008433
SFTC060420_28	1243465	2370815	A	775.4	45.6	6/4/2020	25.741	0.039	10.627	0.2275237	5.856688	0.008873	2.417895
SFTC060420_29	1243446	2370750	A	776.3	45.9	6/4/2020	-1.868	-0.055	3.778	0.2275736	0.000000	0.000000	0.859773
SFTC060420_30	1243352	2370754	A	776.5	46.1	6/4/2020	-1.287	-0.022	0.756	0.2274897	0.000000	0.000000	0.171982
SFTC060420_31	1243232	2370731	A	776.3	46.3	6/4/2020	-1.65	-0.036	1.433	0.2272887	0.000000	0.000000	0.325705
SFTC060420_32	1243379	2370952	A	776.5	46.6	6/4/2020	-3.337	-0.04	1.488	0.2271339	0.000000	0.000000	0.337975
SFTC060420_33	1243207	2370925	A	776.5	46.7	6/4/2020	-0.994	-0.068	1.331	0.2270629	0.000000	0.000000	0.302221
SFTC060420_34	1243071	2371014	A	776.3	46.7	6/4/2020	-1.21	-0.057	0.544	0.2270044	0.000000	0.000000	0.123490
SFTC060420_35	1242970	2371202	A	775.9	46.7	6/4/2020	-1.368	-0.036	0.586	0.2268875	0.000000	0.000000	0.132956
SFTC060420_36	1243164	2371252	A	775.8	46.5	6/4/2020	-2.741	-0.062	0.904	0.2270002	0.000000	0.000000	0.205208
SFTC060420_37	1243362	2371246	A	776.6	46.5	6/4/2020	0	-0.008	1.059	0.2272342	0.000000	0.000000	0.240641
SFTC060420_38	1243325	2371423	A	776.5	46.4	6/4/2020	0	-0.053	1.119	0.2272761	0.000000	0.000000	0.254322
SFTC060420_39	1243375	2371559	A	776.3	46.3	6/4/2020	0	-0.044	0.922	0.2272887	0.000000	0.000000	0.209560
SFTC060420_40	1243227	2371378	A	776.3	46.1	6/4/2020	0	-0.033	0.182	0.2274311	0.000000	0.000000	0.041392
SFTC060420_41	1243220	2371483	A	776.6	46.1	6/4/2020	-0.254	-0.029	5.422	0.227519	0.000000	0.000000	1.233608
SFTC060420_42	1243132	2371505	A	776.8	46.1	6/4/2020	4.219	0.008	8.105	0.2275776	0.960150	0.001821	1.844516

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC060420_43	1243135	2371567	A	776.8	46.1	6/4/2020	-0.005	-0.047	1.565	0.2275776	0.000000	0.000000	0.356159
SFTC060420_44	1243008	2371440	A	776.6	46.1	6/4/2020	0	-0.017	0.3	0.227519	0.000000	0.000000	0.068256
SFTC060420_45	1242947	2371583	A	776.6	46.2	6/4/2020	0	-0.032	1.085	0.2274477	0.000000	0.000000	0.246781
SFTC060420_46	1243208	2371752	A	776.6	46.1	6/4/2020	0	-0.042	3.561	0.227519	0.000000	0.000000	0.810195
SFTC060420_47	1243259	2371778	A	776.6	46.2	6/4/2020	0	-0.011	0.422	0.2274477	0.000000	0.000000	0.095983
SFTC060420_48	1242984	2371753	A	776.5	46.1	6/4/2020	0	-0.04	1.008	0.2274897	0.000000	0.000000	0.229310
SFTC060420_49	1243232	2371981	A	776.6	46.1	6/4/2020	0	-0.06	0.997	0.227519	0.000000	0.000000	0.226836
SFTC060420_50	1242914	2371968	A	776.8	46.1	6/4/2020	0	-0.022	0.47	0.2275776	0.000000	0.000000	0.106961
SFTC060420_51	1242805	2371998	A	776.8	46.1	6/4/2020	0	-0.027	0.218	0.2275776	0.000000	0.000000	0.049612
SFTC060420_52	1242806	2372157	A	776.8	46.0	6/4/2020	0	-0.024	0.276	0.2276489	0.000000	0.000000	0.062831
SFTC060420_53	1242831	2372319	A	776.3	46.0	6/4/2020	0	-0.02	0.156	0.2275023	0.000000	0.000000	0.035490
SFTC060420_54	1242795	2372533	A	775.9	45.9	6/4/2020	0	-0.065	0.578	0.2274564	0.000000	0.000000	0.131470
SFTC060420_55	1242787	2372738	A	775.7	45.8	6/4/2020	0	-0.04	0.047	0.227469	0.000000	0.000000	0.010691
SFTC060420_56	1242890	2372768	A	775.9	45.7	6/4/2020	0	-0.007	0.283	0.2275991	0.000000	0.000000	0.064411
SFTC060420_57	1242914	2372568	A	777.0	45.5	6/4/2020	0	-0.029	0.706	0.2280648	0.000000	0.000000	0.161014
SFTC060420_58	1242949	2372536	A	777.0	45.5	6/4/2020	852.825	0.025	7.7	0.2280648	194.499300	0.005702	1.756099
SFTC060420_59	1242953	2372506	A	777.0	45.4	6/4/2020	0	-0.018	4.832	0.2281364	0.000000	0.000000	1.102355
SFTC060420_60	1242962	2372493	A	776.9	45.4	6/4/2020	620.556	0.035	4.971	0.228107	141.553200	0.007984	1.133920
SFTC060420_61	1243000	2372376	A	776.6	45.4	6/4/2020	0	-0.05	0.484	0.2280189	0.000000	0.000000	0.110361
SFTC060420_62	1242991	2372339	A	776.8	45.4	6/4/2020	0	-0.012	0.063	0.2280777	0.000000	0.000000	0.014369
SFTC060420_63	1243003	2372159	A	776.6	45.5	6/4/2020	0	-0.057	0.842	0.2279474	0.000000	0.000000	0.191932
SFTC060420_64	1243259	2372201	A	776.6	45.5	6/4/2020	0	-0.041	2.575	0.2279474	0.000000	0.000000	0.586964

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC060420_65	1243346	2372195	A	776.5	45.5	6/4/2020	0	-0.026	1.151	0.227918	0.000000	0.000000	0.262334
SFTC060420_66	1243374	2372177	A	776.5	45.5	6/4/2020	0	-0.03	2.119	0.227918	0.000000	0.000000	0.482958
SFTC060420_67	1243395	2372241	A	776.5	45.5	6/4/2020	0	-0.02	1.15	0.227918	0.000000	0.000000	0.262106
SFTC060420_68	1243375	2372287	A	776.5	45.5	6/4/2020	0	-0.011	0.796	0.227918	0.000000	0.000000	0.181423
SFTC060420_69	1243361	2372405	A	776.1	45.5	6/4/2020	0	-0.036	1.196	0.2278006	0.000000	0.000000	0.272450
SFTC060420_70	1243395	2372576	A	775.9	45.4	6/4/2020	0	-0.021	0.372	0.2278134	0.000000	0.000000	0.084747
SFTC060420_71	1243181	2372377	A	776.1	45.4	6/4/2020	0	-0.008	0.311	0.2278721	0.000000	0.000000	0.070868
SFTC060420_72	1243154	2372530	A	776.6	45.4	6/4/2020	0	-0.029	0.128	0.2280189	0.000000	0.000000	0.029186
SFTC060420_73	1243187	2372715	A	776.5	45.3	6/4/2020	0	-0.044	0.611	0.2280612	0.000000	0.000000	0.139345
SFTC060420_74	1243201	2372962	A	776.6	45.2	6/4/2020	0	-0.055	0.403	0.2281622	0.000000	0.000000	0.091949
SFTC060420_75	1243157	2373128	A	776.7	45.1	6/4/2020	0	-0.002	2.443	0.2282633	0.000000	0.000000	0.557647
SFTC060420_76	1243156	2373366	A	777.0	45.0	6/4/2020	0	-0.028	0.27	0.2284232	0.000000	0.000000	0.061674
SFTC060420_77	1243060	2373390	A	777.0	44.9	6/4/2020	0	-0.013	0.781	0.228495	0.000000	0.000000	0.178455
SFTC060420_78	1242928	2373176	A	776.8	44.7	6/4/2020	0	-0.057	0.652	0.2285799	0.000000	0.000000	0.149034
SFTC060420_79	1242997	2372968	A	775.8	44.5	6/4/2020	0	-0.031	1.259	0.2284294	0.000000	0.000000	0.287593
SFTC060420_80	1242840	2372930	A	775.9	44.3	6/4/2020	0	-0.021	0.928	0.2286028	0.000000	0.000000	0.212143
SFTC060420_81	1242851	2373138	A	775.1	44.1	6/4/2020	0	-0.007	1.344	0.2285111	0.000000	0.000000	0.307119
SFTC060420_82	1242728	2373353	A	774.9	43.9	6/4/2020	0	-0.039	0.714	0.2285962	0.000000	0.000000	0.163218
SFTC060420_83	1242805	2373574	A	774.6	43.8	6/4/2020	0	-0.031	1.023	0.2285798	0.000000	0.000000	0.233837
SFTC060420_84	1242613	2373729	A	775.8	43.7	6/4/2020	0	-0.014	0.569	0.2290062	0.000000	0.000000	0.130305
SFTC060420_85	1242579	2373910	A	776.2	43.6	6/4/2020	0	-0.022	0.015	0.2291966	0.000000	0.000000	0.003438
SFTC060420_86	1242579	2374079	A	776.2	43.6	6/4/2020	0	-0.029	0.178	0.2291966	0.000000	0.000000	0.040797

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC060420_87	1242780	2374075	A	776.6	43.5	6/4/2020	0	-0.021	0.362	0.2293871	0.000000	0.000000	0.083038
SFTC060420_88	1242829	2373961	A	776.5	43.5	6/4/2020	0	-0.035	1.427	0.2293576	0.000000	0.000000	0.327293
SFTC060420_89	1242985	2374067	A	776.6	43.5	6/4/2020	0	-0.034	0.419	0.2293871	0.000000	0.000000	0.096113
SFTC060420_90	1242978	2373974	A	777.0	43.5	6/4/2020	0	-0.013	0.692	0.2295053	0.000000	0.000000	0.158818
SFTC060420_91	1242796	2373779	A	776.8	43.6	6/4/2020	0	-0.032	0.533	0.2293737	0.000000	0.000000	0.122256
SFTC060420_92	1242879	2373766	A	776.8	43.6	6/4/2020	0	-0.007	0.098	0.2293737	0.000000	0.000000	0.022479
SFTC060420_93	1242977	2373760	A	776.6	43.7	6/4/2020	0	-0.019	0.046	0.2292423	0.000000	0.000000	0.010545
SFTC060420_94	1243035	2373579	A	776.9	43.8	6/4/2020	0	-0.03	0.861	0.2292585	0.000000	0.000000	0.197392
SFTC060420_95	1243160	2373557	A	776.5	43.9	6/4/2020	0	-0.018	0.074	0.2290682	0.000000	0.000000	0.016951
SFTC060420_96	1243251	2373581	A	776.9	43.9	6/4/2020	0	-0.005	0.269	0.2291862	0.000000	0.000000	0.061651
SFTC061720_01	1243374	2373775	A	775.9	26.4	6/17/2020	-0.639	-0.018	-0.146	0.2422632	0.000000	0.000000	0.000000
SFTC061720_02	1243304	2373712	A	775.9	27.3	6/17/2020	0	-0.006	0.267	0.2415376	0.000000	0.000000	0.064491
SFTC061720_03	1243299	2373764	A	776.0	28.0	6/17/2020	0	-0.004	0.528	0.2410072	0.000000	0.000000	0.127252
SFTC061720_04	1243299	2373818	A	776.0	28.5	6/17/2020	0	-0.019	2.718	0.2406077	0.000000	0.000000	0.653972
SFTC061720_05	1243297	2373845	A	776.2	29.4	6/17/2020	0	-0.008	1.778	0.2399538	0.000000	0.000000	0.426638
SFTC061720_06	1243306	2373880	A	776.3	29.8	6/17/2020	-0.255	-0.002	3.806	0.2396678	0.000000	0.000000	0.912176
SFTC061720_07	1243327	2373900	A	776.3	30.3	6/17/2020	-0.046	-0.028	0.689	0.2392729	0.000000	0.000000	0.164859
SFTC061720_08	1243299	2373924	A	776.5	30.8	6/17/2020	0	-0.017	0.969	0.2389409	0.000000	0.000000	0.231534
SFTC061720_09	1243245	2373920	A	776.5	31.3	6/17/2020	-0.636	-0.01	2.034	0.2385484	0.000000	0.000000	0.485208
SFTC061720_10	1243238	2373861	A	776.5	31.9	6/17/2020	0	-0.016	0.861	0.2380792	0.000000	0.000000	0.204986
SFTC061720_100	1243440	2373927	A	774.9	43.2	6/17/2020	-0.56	-0.023	0.228	0.229102	0.000000	0.000000	0.052235
SFTC061720_11	1243250	2373829	A	776.5	32.3	6/17/2020	0	-0.013	0.155	0.2377675	0.000000	0.000000	0.036854

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC061720_12	1243264	2373803	A	776.5	32.8	6/17/2020	0	-0.001	0.136	0.2373789	0.000000	0.000000	0.032284
SFTC061720_13	1243224	2373783	A	776.2	33.5	6/17/2020	-0.714	-0.02	0.291	0.2367455	0.000000	0.000000	0.068893
SFTC061720_14	1243204	2373743	A	776.5	34.0	6/17/2020	0	-0.003	0.039	0.2364515	0.000000	0.000000	0.009222
SFTC061720_15	1243264	2373671	A	776.5	34.8	6/17/2020	-0.001	-0.001	0.074	0.2358372	0.000000	0.000000	0.017452
SFTC061720_16	1243164	2373688	A	776.3	35.4	6/17/2020	0	-0.009	0.799	0.235318	0.000000	0.000000	0.188019
SFTC061720_17	1243160	2373768	A	776.5	35.8	6/17/2020	0	-0.029	1.029	0.2350739	0.000000	0.000000	0.241891
SFTC061720_18	1243170	2373874	A	776.6	36.2	6/17/2020	-0.123	-0.037	1.736	0.2348002	0.000000	0.000000	0.407613
SFTC061720_19	1243193	2373968	A	776.6	36.6	6/17/2020	-0.713	-0.032	0.453	0.2344969	0.000000	0.000000	0.106227
SFTC061720_20	1243217	2373981	A	776.6	37.2	6/17/2020	0	-0.03	0.623	0.2340436	0.000000	0.000000	0.145809
SFTC061720_21	1243236	2373988	A	776.5	37.6	6/17/2020	0	-0.006	0.465	0.2337122	0.000000	0.000000	0.108676
SFTC061720_22	1243207	2374048	A	776.6	37.9	6/17/2020	-1.315	-0.031	1.305	0.2335169	0.000000	0.000000	0.304740
SFTC061720_23	1243164	2374018	A	776.6	38.2	6/17/2020	0	-0.011	0.237	0.2332919	0.000000	0.000000	0.055290
SFTC061720_24	1243167	2374043	A	776.6	38.3	6/17/2020	0	-0.011	0.032	0.233217	0.000000	0.000000	0.007463
SFTC061720_25	1243159	2374082	A	776.2	38.4	6/17/2020	0	-0.027	0.413	0.233022	0.000000	0.000000	0.096238
SFTC061720_26	1243167	2374118	A	775.6	38.5	6/17/2020	0	-0.014	0.226	0.2327672	0.000000	0.000000	0.052605
SFTC061720_27	1243193	2374155	A	778.1	38.5	6/17/2020	0	-0.001	0.458	0.2335175	0.000000	0.000000	0.106951
SFTC061720_28	1243215	2374178	A	775.4	38.5	6/17/2020	0	-0.015	0.254	0.2327072	0.000000	0.000000	0.059108
SFTC061720_29	1243230	2374219	A	775.4	38.4	6/17/2020	0	-0.019	0.349	0.2327819	0.000000	0.000000	0.081241
SFTC061720_30	1243215	2374254	A	775.1	38.3	6/17/2020	0	-0.018	0.369	0.2327665	0.000000	0.000000	0.085891
SFTC061720_31	1243245	2374268	A	775.4	38.2	6/17/2020	0	-0.018	0.226	0.2329314	0.000000	0.000000	0.052642
SFTC061720_32	1243254	2374193	A	775.4	38.0	6/17/2020	0	-0.014	0.915	0.2330811	0.000000	0.000000	0.213269
SFTC061720_33	1243271	2374199	A	778.7	37.9	6/17/2020	1.224	0.017	3.725	0.2341483	0.286598	0.003981	0.872203

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC061720_34	1243283	2374215	A	776.0	37.8	6/17/2020	5.317	0.01	0.913	0.2334115	1.241049	0.002334	0.213105
SFTC061720_35	1243268	2374148	A	776.0	37.7	6/17/2020	0	-0.019	2.221	0.2334866	0.000000	0.000000	0.518574
SFTC061720_36	1243251	2374114	A	776.3	37.7	6/17/2020	0	-0.011	1.298	0.2335769	0.000000	0.000000	0.303183
SFTC061720_37	1243225	2374087	A	776.5	37.7	6/17/2020	0	-0.013	1.026	0.233637	0.000000	0.000000	0.239712
SFTC061720_38	1243286	2374109	A	776.6	37.7	6/17/2020	0	-0.006	2.106	0.2336671	0.000000	0.000000	0.492103
SFTC061720_39	1243268	2374118	A	776.3	37.7	6/17/2020	0	-0.028	1.747	0.2335769	0.000000	0.000000	0.408059
SFTC061720_40	1243293	2374121	A	776.3	37.8	6/17/2020	0	-0.028	2.118	0.2335017	0.000000	0.000000	0.494557
SFTC061720_41	1243317	2374163	A	776.3	37.9	6/17/2020	0	-0.011	0.448	0.2334267	0.000000	0.000000	0.104575
SFTC061720_42	1243318	2374149	A	776.3	38.0	6/17/2020	2.666	0.003	10.574	0.2333517	0.622115	0.000700	2.467461
SFTC061720_43	1243339	2374135	A	776.5	38.2	6/17/2020	0	-0.01	0.691	0.2332618	0.000000	0.000000	0.161184
SFTC061720_44	1243348	2374145	A	776.5	38.4	6/17/2020	0	-0.005	0.778	0.2331121	0.000000	0.000000	0.181361
SFTC061720_45	1243360	2374148	A	776.5	38.7	6/17/2020	0	-0.011	0.569	0.2328878	0.000000	0.000000	0.132513
SFTC061720_46	1243361	2374158	A	776.5	38.9	6/17/2020	0	-0.013	0.473	0.2327386	0.000000	0.000000	0.110085
SFTC061720_47	1243372	2374165	A	776.5	39.2	6/17/2020	5.794	0.005	1.556	0.2325151	1.347192	0.001163	0.361793
SFTC061720_48	1243371	2374180	A	779.3	39.4	6/17/2020	0	-0.01	0.392	0.2332042	0.000000	0.000000	0.091416
SFTC061720_49	1243362	2374193	A	778.9	39.6	6/17/2020	0	-0.006	0.481	0.2329354	0.000000	0.000000	0.112042
SFTC061720_50	1243380	2374194	A	778.9	39.9	6/17/2020	-0.032	-0.009	0.363	0.2327122	0.000000	0.000000	0.084475
SFTC061720_51	1243343	2374233	A	776.3	40.1	6/17/2020	-0.298	-0.009	0.908	0.2317873	0.000000	0.000000	0.210463
SFTC061720_52	1243358	2374266	A	776.3	40.3	6/17/2020	-0.281	-0.005	0.582	0.2316394	0.000000	0.000000	0.134814
SFTC061720_53	1243364	2374254	A	776.3	40.5	6/17/2020	-0.376	-0.012	0.427	0.2314917	0.000000	0.000000	0.098847
SFTC061720_54	1243387	2374230	A	776.3	40.7	6/17/2020	0	-0.014	1.663	0.2313442	0.000000	0.000000	0.384725
SFTC061720_55	1243410	2374243	A	776.3	40.9	6/17/2020	35.845	0.02	2.522	0.2311968	8.287251	0.004624	0.583078

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC061720_56	1243428	2374238	A	776.5	41.1	6/17/2020	0	-0.022	1.998	0.2311092	0.000000	0.000000	0.461756
SFTC061720_57	1243429	2374212	A	779.3	41.3	6/17/2020	2.214	0.058	3.542	0.2317951	0.513194	0.013444	0.821018
SFTC061720_58	1243436	2374179	A	776.5	41.5	6/17/2020	-0.41	-0.042	1.827	0.2308154	0.000000	0.000000	0.421700
SFTC061720_59	1243441	2374149	A	776.3	41.6	6/17/2020	-0.323	-0.043	1.358	0.2306827	0.000000	0.000000	0.313267
SFTC061720_60	1243416	2374149	A	776.5	41.8	6/17/2020	-0.59	-0.013	1.571	0.2305956	0.000000	0.000000	0.362266
SFTC061720_61	1243413	2374162	A	776.5	42.0	6/17/2020	-0.707	-0.008	0.315	0.2304492	0.000000	0.000000	0.072592
SFTC061720_62	1243399	2374185	A	776.3	42.1	6/17/2020	0	-0.018	0.25	0.2303168	0.000000	0.000000	0.057579
SFTC061720_63	1243400	2374148	A	776.3	42.2	6/17/2020	1.185	0.028	2.352	0.2302438	0.272839	0.006447	0.541533
SFTC061720_64	1243380	2374142	A	776.3	42.3	6/17/2020	90.166	0.039	8.617	0.2301708	20.753580	0.008977	1.983382
SFTC061720_65	1243341	2374095	A	776.2	42.4	6/17/2020	-0.002	-0.06	0.356	0.2300682	0.000000	0.000000	0.081904
SFTC061720_66	1243301	2374091	A	776.1	42.5	6/17/2020	-0.138	-0.017	1.809	0.2299657	0.000000	0.000000	0.416008
SFTC061720_67	1243284	2374063	A	776.2	42.6	6/17/2020	0	-0.034	1.006	0.2299225	0.000000	0.000000	0.231302
SFTC061720_68	1243271	2374044	A	776.2	42.7	6/17/2020	0	-0.022	0.585	0.2298497	0.000000	0.000000	0.134462
SFTC061720_69	1243337	2374040	A	776.1	42.7	6/17/2020	-1.049	-0.008	0.553	0.22982	0.000000	0.000000	0.127090
SFTC061720_70	1243362	2374032	A	776.1	42.8	6/17/2020	0	-0.011	0.472	0.2297473	0.000000	0.000000	0.108441
SFTC061720_71	1243340	2373984	A	775.9	42.9	6/17/2020	0	-0.02	0.315	0.2296154	0.000000	0.000000	0.072329
SFTC061720_72	1243371	2373992	A	775.9	43.0	6/17/2020	-0.386	-0.011	0.875	0.2295428	0.000000	0.000000	0.200850
SFTC061720_73	1243402	2373998	A	775.9	43.0	6/17/2020	-0.84	-0.021	4.667	0.2295428	0.000000	0.000000	1.071276
SFTC061720_74	1243409	2374013	A	775.9	43.1	6/17/2020	0	-0.005	0.173	0.2294702	0.000000	0.000000	0.039698
SFTC061720_75	1243420	2373979	A	778.5	43.1	6/17/2020	-0.485	-0.01	1.295	0.2302392	0.000000	0.000000	0.298160
SFTC061720_76	1243453	2373944	A	775.5	43.1	6/17/2020	0	-0.02	0.662	0.2293519	0.000000	0.000000	0.151831
SFTC061720_77	1243480	2373939	A	775.5	43.2	6/17/2020	8.906	0.017	4.991	0.2292794	2.041962	0.003898	1.144334

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC061720_78	1243492	2373988	A	775.5	43.2	6/17/2020	2.568	0.014	2.479	0.2292794	0.588790	0.003210	0.568384
SFTC061720_79	1243463	2374030	A	775.8	43.2	6/17/2020	-0.134	-0.019	1.578	0.2293681	0.000000	0.000000	0.361943
SFTC061720_80	1243442	2374068	A	775.9	43.2	6/17/2020	-0.302	-0.016	0.426	0.2293977	0.000000	0.000000	0.097723
SFTC061720_81	1243396	2374066	A	775.9	43.3	6/17/2020	-0.467	-0.026	0.342	0.2293252	0.000000	0.000000	0.078429
SFTC061720_82	1243411	2374099	A	775.9	43.3	6/17/2020	0	-0.02	0.441	0.2293252	0.000000	0.000000	0.101132
SFTC061720_83	1243390	2374116	A	776.1	43.3	6/17/2020	-0.081	-0.021	0.601	0.2293843	0.000000	0.000000	0.137860
SFTC061720_84	1243439	2374119	A	775.9	43.3	6/17/2020	-0.387	-0.017	0.816	0.2293252	0.000000	0.000000	0.187129
SFTC061720_85	1243505	2374062	A	775.9	43.3	6/17/2020	-0.477	-0.001	0.474	0.2293252	0.000000	0.000000	0.108700
SFTC061720_86	1243534	2374057	A	775.8	43.3	6/17/2020	-0.429	-0.029	0.568	0.2292956	0.000000	0.000000	0.130240
SFTC061720_87	1243555	2374048	A	775.9	43.4	6/17/2020	-0.169	-0.007	0.648	0.2292527	0.000000	0.000000	0.148556
SFTC061720_88	1243606	2374056	A	775.8	43.4	6/17/2020	-0.134	-0.004	0.534	0.2292232	0.000000	0.000000	0.122405
SFTC061720_89	1243563	2374107	A	775.8	43.4	6/17/2020	0	-0.001	0.201	0.2292232	0.000000	0.000000	0.046074
SFTC061720_90	1243509	2374104	A	778.8	43.4	6/17/2020	-0.163	-0.002	0.365	0.2301096	0.000000	0.000000	0.083990
SFTC061720_91	1243490	2374190	A	776.1	43.4	6/17/2020	-0.463	-0.027	0.362	0.2293118	0.000000	0.000000	0.083011
SFTC061720_92	1243735	2374132	A	776.2	43.3	6/17/2020	-0.895	-0.01	0.081	0.2294139	0.000000	0.000000	0.018583
SFTC061720_93	1243685	2374057	A	775.8	43.3	6/17/2020	-0.383	-0.01	-0.042	0.2292956	0.000000	0.000000	0.000000
SFTC061720_94	1243651	2374021	A	775.8	43.3	6/17/2020	-0.103	-0.005	0.126	0.2292956	0.000000	0.000000	0.028891
SFTC061720_95	1243605	2373982	A	775.5	43.3	6/17/2020	-0.32	-0.007	0.004	0.229207	0.000000	0.000000	0.000917
SFTC061720_96	1243564	2373969	A	775.4	43.3	6/17/2020	-0.602	-0.007	0.028	0.2291774	0.000000	0.000000	0.006417
SFTC061720_97	1243521	2373922	A	775.3	43.3	6/17/2020	-0.13	-0.005	0.066	0.2291479	0.000000	0.000000	0.015124
SFTC061720_98	1243487	2373885	A	775.3	43.3	6/17/2020	-0.076	-0.003	0.024	0.2291479	0.000000	0.000000	0.005500
SFTC061720_99	1243445	2373808	A	774.9	43.2	6/17/2020	-0.281	-0.013	0.103	0.229102	0.000000	0.000000	0.023598

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC061820_101	1243550	2374185	A	777.0	27.0	6/18/2020	-0.732	-0.008	0.74	0.2421217	0.000000	0.000000	0.179170
SFTC061820_102	1243540	2374275	A	777.0	27.8	6/18/2020	-0.611	-0.001	1.21	0.2414781	0.000000	0.000000	0.292189
SFTC061820_103	1243504	2374306	A	776.9	28.5	6/18/2020	-0.179	-0.008	0.137	0.2408867	0.000000	0.000000	0.033001
SFTC061820_104	1243521	2374396	A	777.0	29.1	6/18/2020	-0.538	-0.009	-0.014	0.2404395	0.000000	0.000000	0.000000
SFTC061820_105	1243545	2374575	A	777.1	29.9	6/18/2020	-0.682	-0.01	1.448	0.2398356	0.000000	0.000000	0.347282
SFTC061820_106	1243460	2374466	A	777.1	30.5	6/18/2020	0	-0.008	0.209	0.2393617	0.000000	0.000000	0.050027
SFTC061820_107	1243462	2374354	A	777.0	31.1	6/18/2020	0	-0.012	0.677	0.238859	0.000000	0.000000	0.161708
SFTC061820_108	1243411	2374333	A	776.9	31.7	6/18/2020	-0.019	-0.001	0.667	0.2383582	0.000000	0.000000	0.158985
SFTC061820_109	1243332	2374366	A	776.7	32.3	6/18/2020	-0.315	-0.007	5.527	0.2378287	0.000000	0.000000	1.314479
SFTC061820_110	1243344	2374458	A	776.6	32.9	6/18/2020	-1.193	-0.007	1.271	0.2373319	0.000000	0.000000	0.301649
SFTC061820_111	1243300	2374417	A	776.3	33.5	6/18/2020	-1.185	-0.009	0.894	0.236776	0.000000	0.000000	0.211678
SFTC061820_112	1243274	2374352	A	776.0	34.1	6/18/2020	14.592	0.009	1.324	0.2362223	3.446956	0.002126	0.312758
SFTC061820_113	1243251	2374351	A	775.9	34.7	6/18/2020	-0.805	-0.01	3.311	0.2357315	0.000000	0.000000	0.780507
SFTC061820_114	1243197	2374353	A	775.5	35.1	6/18/2020	-0.748	-0.01	0.519	0.2353043	0.000000	0.000000	0.122123
SFTC061820_115	1243293	2374565	A	775.2	35.7	6/18/2020	-1.406	-0.007	2.909	0.2347563	0.000000	0.000000	0.682906
SFTC061820_116	1243342	2374630	A	776.3	36.1	6/18/2020	0	-0.006	0.269	0.2347853	0.000000	0.000000	0.063157
SFTC061820_117	1243435	2374739	A	776.3	36.4	6/18/2020	-0.862	-0.012	0.598	0.2345578	0.000000	0.000000	0.140266
SFTC061820_118	1243261	2374758	A	776.3	36.9	6/18/2020	0	-0.002	0.262	0.2341795	0.000000	0.000000	0.061355
SFTC061820_119	1243256	2374661	A	775.0	37.2	6/18/2020	0	-0.014	1.084	0.2335614	0.000000	0.000000	0.253181
SFTC061820_120	1243192	2374643	A	775.4	37.4	6/18/2020	0	-0.012	0.685	0.2335314	0.000000	0.000000	0.159969
SFTC061820_121	1243181	2374560	A	775.0	37.5	6/18/2020	0	-0.028	1.865	0.2333358	0.000000	0.000000	0.435171
SFTC061820_122	1243162	2374508	A	775.1	37.6	6/18/2020	0	-0.002	0.816	0.2332909	0.000000	0.000000	0.190365

Individual Flux Measurements and Calculations (Continued)

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SFTC061820_123	1243076	2374574	A	775.1	37.6	6/18/2020	0	-0.008	0.065	0.2332909	0.000000	0.000000	0.015164
SFTC061820_124	1243067	2374618	A	774.3	37.6	6/18/2020	0	-0.019	0.344	0.2330501	0.000000	0.000000	0.080169
SFTC061820_125	1243143	2374736	A	773.9	37.7	6/18/2020	0	-0.003	0.146	0.2328547	0.000000	0.000000	0.033997
SFTC061820_126	1242988	2374744	A	773.5	37.7	6/18/2020	0	-0.008	0.543	0.2327344	0.000000	0.000000	0.126375
SFTC061820_127	1243003	2374662	A	773.8	37.8	6/18/2020	-0.033	-0.003	0.183	0.2327498	0.000000	0.000000	0.042593
SFTC061820_128	1242960	2374553	A	776.5	38.0	6/18/2020	-0.455	-0.01	0.283	0.2334118	0.000000	0.000000	0.066056
SFTC061820_129	1242950	2374426	A	773.4	38.1	6/18/2020	0	-0.008	0.154	0.2324052	0.000000	0.000000	0.035790
SFTC061820_130	1242990	2374330	A	773.8	38.2	6/18/2020	-0.335	-0.009	0.287	0.2324508	0.000000	0.000000	0.066713
SFTC061820_131	1243036	2374329	A	774.4	38.3	6/18/2020	0	-0.01	0.399	0.2325563	0.000000	0.000000	0.092790
SFTC061820_132	1243095	2374376	A	774.3	38.4	6/18/2020	-0.327	-0.013	0.204	0.2324516	0.000000	0.000000	0.047420
SFTC061820_133	1243055	2374437	A	774.2	38.5	6/18/2020	-0.092	-0.008	0.413	0.232347	0.000000	0.000000	0.095959
SFTC061820_134	1242847	2374554	A	774.0	38.5	6/18/2020	-0.164	-0.011	0.424	0.232287	0.000000	0.000000	0.098490
SFTC061820_135	1242604	2374406	A	773.8	38.5	6/18/2020	-0.264	-0.005	0.358	0.232227	0.000000	0.000000	0.083137
SFTC061820_136	1242604	2374558	A	773.8	38.4	6/18/2020	-0.105	-0.009	0.23	0.2323015	0.000000	0.000000	0.053429
SFTC061820_137	1242707	2374743	A	773.8	38.4	6/18/2020	-0.864	-0.021	0.401	0.2323015	0.000000	0.000000	0.093153
SFTC061820_138	1242841	2374750	A	773.6	38.3	6/18/2020	-0.059	-0.01	0.57	0.2323161	0.000000	0.000000	0.132420
SFTC061820_139	1242867	2374828	A	772.9	38.3	6/18/2020	-0.535	-0.013	0.629	0.2321059	0.000000	0.000000	0.145995
SFTC061820_140	1243046	2374991	A	773.1	38.2	6/18/2020	-0.461	-0.019	0.503	0.2322405	0.000000	0.000000	0.116817
SFTC061820_141	1243047	2375046	A	773.8	38.1	6/18/2020	-1.179	-0.014	0.071	0.2325254	0.000000	0.000000	0.016509
SFTC061820_142	1243151	2375014	A	774.0	38.1	6/18/2020	71.505	0	20.839	0.2325855	16.631030	0.000000	4.846850
SFTC061820_143	1243179	2374912	A	774.0	38.1	6/18/2020	-0.33	-0.018	0.426	0.2325855	0.000000	0.000000	0.099081
SFTC061820_144	1243218	2374939	A	773.1	38.1	6/18/2020	1.11	0.02	3.716	0.2323151	0.257870	0.004646	0.863283

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC061820_145	1243258	2374955	A	773.8	38.2	6/18/2020	-0.438	-0.006	1.086	0.2324508	0.000000	0.000000	0.252441
SFTC061820_146	1243276	2375031	A	773.9	38.3	6/18/2020	-0.124	-0.016	0.237	0.2324062	0.000000	0.000000	0.055080
SFTC061820_147	1243384	2374967	A	774.6	38.5	6/18/2020	-0.015	-0.014	0.541	0.2324671	0.000000	0.000000	0.125765
SFTC061820_148	1243424	2375037	A	775.1	38.6	6/18/2020	-0.952	-0.009	0.129	0.2325425	0.000000	0.000000	0.029998
SFTC061820_149	1243577	2374951	A	775.5	38.8	6/18/2020	-0.284	-0.011	0.148	0.2325134	0.000000	0.000000	0.034412
SFTC061920_150	1243461	2375101	A	776.5	30.6	6/19/2020	-2.031	-0.014	0.197	0.2390982	0.000000	0.000000	0.047102
SFTC061920_151	1243329	2375145	A	776.3	31.4	6/19/2020	-0.033	-0.01	0.061	0.2384087	0.000000	0.000000	0.014543
SFTC061920_152	1243204	2375171	A	775.9	32.0	6/19/2020	-0.514	-0.003	0.026	0.2378173	0.000000	0.000000	0.006183
SFTC061920_153	1243011	2375157	A	775.8	32.8	6/19/2020	-0.982	-0.004	0.056	0.2371649	0.000000	0.000000	0.013281
SFTC061920_154	1242574	2374967	A	775.5	33.8	6/19/2020	-0.386	-0.009	0.248	0.2363008	0.000000	0.000000	0.058603
SFTC061920_155	1242504	2374947	A	774.7	34.3	6/19/2020	0	-0.003	0.48	0.2356732	0.000000	0.000000	0.113123
SFTC061920_156	1242389	2375092	A	774.7	34.9	6/19/2020	-0.225	-0.009	0.074	0.2352142	0.000000	0.000000	0.017406
SFTC061920_157	1242559	2375179	A	774.8	35.4	6/19/2020	29.197	0.025	4.646	0.2348633	6.857304	0.005872	1.091175
SFTC061920_158	1242760	2375235	A	775.1	35.8	6/19/2020	-0.127	-0.008	0.315	0.23465	0.000000	0.000000	0.073915
SFTC061920_159	1242756	2375278	A	775.1	36.2	6/19/2020	-0.353	-0.009	1.014	0.2343466	0.000000	0.000000	0.237628
SFTC061920_160	1242548	2375392	A	775.2	36.6	6/19/2020	-0.892	-0.005	0.064	0.2340742	0.000000	0.000000	0.014981
SFTC061920_161	1242363	2375319	A	774.2	36.9	6/19/2020	-1.185	-0.02	0.294	0.2335461	0.000000	0.000000	0.068663
SFTC061920_162	1242558	2375221	A	774.3	37.3	6/19/2020	11.542	0.027	6.086	0.2332753	2.692463	0.006298	1.419713
SFTC061920_163	1242419	2375507	A	774.6	37.5	6/19/2020	-1.466	-0.006	0.481	0.2332154	0.000000	0.000000	0.112177
SFTC061920_164	1242565	2375525	A	773.5	37.8	6/19/2020	-0.214	-0.02	1.236	0.2326595	0.000000	0.000000	0.287567
SFTC061920_165	1242738	2375514	A	773.9	38.0	6/19/2020	-0.206	-0.02	1.15	0.2326302	0.000000	0.000000	0.267525
SFTC061920_166	1242724	2375770	A	774.0	38.2	6/19/2020	0	-0.012	0.992	0.2325108	0.000000	0.000000	0.230651

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC061920_167	1242571	2375769	A	772.8	38.4	6/19/2020	0	-0.002	1.615	0.2320013	0.000000	0.000000	0.374682
SFTC061920_168	1242422	2375741	A	772.4	38.6	6/19/2020	0	-0.022	1.04	0.2317325	0.000000	0.000000	0.241002
SFTC061920_169	1242479	2375956	A	772.8	38.7	6/19/2020	0	-0.007	0.622	0.2317781	0.000000	0.000000	0.144166
SFTC061920_170	1242590	2375991	A	771.3	38.7	6/19/2020	0	-0.014	0.061	0.2313283	0.000000	0.000000	0.014111
SFTC061920_171	1242764	2375926	A	771.6	38.7	6/19/2020	0	-0.02	1.249	0.2314182	0.000000	0.000000	0.289041
SFTC061920_172	1242561	2376173	A	771.2	38.7	6/19/2020	0	-0.021	1.425	0.2312983	0.000000	0.000000	0.329600
SFTC061920_173	1242582	2376371	A	770.8	38.7	6/19/2020	0	-0.017	0.735	0.2311783	0.000000	0.000000	0.169916
SFTC061920_174	1242739	2376319	A	769.6	38.6	6/19/2020	0	-0.011	0.181	0.2308924	0.000000	0.000000	0.041792
SFTC061920_175	1242805	2376220	A	768.5	38.6	6/19/2020	0	-0.011	1.05	0.2305624	0.000000	0.000000	0.242091
SFTC061920_176	1242960	2376305	A	769.0	38.6	6/19/2020	0	-0.015	0.798	0.2307124	0.000000	0.000000	0.184109
SFTC061920_177	1242967	2376177	A	769.2	38.7	6/19/2020	0	-0.017	0.505	0.2306984	0.000000	0.000000	0.116503
SFTC061920_178	1243183	2376140	A	768.8	38.8	6/19/2020	0	-0.026	1.613	0.2305045	0.000000	0.000000	0.371804
SFTC061920_179	1243195	2376256	A	767.3	39.0	6/19/2020	-1.147	-0.017	1.048	0.2299074	0.000000	0.000000	0.240943
SFTC061920_180	1243381	2376096	A	768.8	39.0	6/19/2020	-0.475	-0.028	0.768	0.2303569	0.000000	0.000000	0.176914
SFTC061920_181	1243329	2376023	A	767.1	39.0	6/19/2020	0	-0.018	0.674	0.2298475	0.000000	0.000000	0.154917
SFTC061920_182	1243555	2376055	A	766.2	38.9	6/19/2020	0	-0.019	0.446	0.2296514	0.000000	0.000000	0.102425
SFTC061920_183	1243592	2376013	A	768.0	38.9	6/19/2020	0	-0.02	0.35	0.2301909	0.000000	0.000000	0.080567
SFTC061920_184	1243568	2375894	A	768.0	38.9	6/19/2020	0	-0.019	0.053	0.2301909	0.000000	0.000000	0.012200
SFTC061920_185	1243401	2375875	A	768.8	38.9	6/19/2020	0	-0.005	0.152	0.2304307	0.000000	0.000000	0.035025
SFTC061920_186	1243136	2375958	A	767.0	39.0	6/19/2020	0	-0.018	0.561	0.2298175	0.000000	0.000000	0.128928
SFTC061920_187	1242982	2375985	A	768.8	39.0	6/19/2020	0	-0.038	0.621	0.2303569	0.000000	0.000000	0.143052
SFTC061920_188	1242981	2375740	A	770.3	39.0	6/19/2020	0	-0.022	0.903	0.2308063	0.000000	0.000000	0.208418

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC061920_189	1243004	2375660	A	771.6	39.1	6/19/2020	0	-0.02	1.788	0.2311218	0.000000	0.000000	0.413246
SFTC061920_190	1243114	2375805	A	771.5	39.1	6/19/2020	0	-0.01	0.035	0.2310918	0.000000	0.000000	0.008088
SFTC061920_191	1243271	2375755	A	770.0	39.1	6/19/2020	0	-0.034	0.62	0.2306425	0.000000	0.000000	0.142998
SFTC061920_192	1243150	2375641	A	769.4	39.1	6/19/2020	0	-0.025	0.632	0.2304628	0.000000	0.000000	0.145653
SFTC061920_193	1243300	2375586	A	771.2	39.1	6/19/2020	0	-0.023	0.262	0.231002	0.000000	0.000000	0.060523
SFTC061920_194	1243443	2375672	A	771.1	39.0	6/19/2020	0	-0.022	0.13	0.231046	0.000000	0.000000	0.030036
SFTC061920_195	1243508	2375743	A	768.9	39.0	6/19/2020	0	-0.014	0.136	0.2303868	0.000000	0.000000	0.031333
SFTC061920_196	1243591	2375710	A	769.3	38.9	6/19/2020	0	-0.027	0.504	0.2305805	0.000000	0.000000	0.116213
SFTC061920_197	1243482	2375494	A	770.8	39.0	6/19/2020	0	-0.025	0.17	0.2309561	0.000000	0.000000	0.039263
SFTC061920_198	1243607	2375530	A	771.9	39.0	6/19/2020	0	-0.014	0.425	0.2312857	0.000000	0.000000	0.098296
SFTC061920_199	1243568	2375395	A	773.2	39.0	6/19/2020	-1.828	-0.021	0.358	0.2316752	0.000000	0.000000	0.082940
SFTC061920_200	1243465	2375347	A	774.3	38.9	6/19/2020	0	-0.009	0.119	0.2320792	0.000000	0.000000	0.027617
SFTC061920_201	1243303	2375408	A	773.8	38.9	6/19/2020	0	-0.024	0.187	0.2319293	0.000000	0.000000	0.043371
SFTC061920_202	1243184	2375483	A	772.8	38.8	6/19/2020	0	-0.017	0.148	0.2317038	0.000000	0.000000	0.034292
SFTC061920_203	1243042	2375456	A	773.4	38.8	6/19/2020	0	-0.017	0.498	0.2318837	0.000000	0.000000	0.115478
SFTC061920_204	1243185	2375363	A	773.8	38.8	6/19/2020	0	-0.025	0.221	0.2320037	0.000000	0.000000	0.051273
SFTC061920_205	1243317	2375297	A	774.2	38.8	6/19/2020	-1.408	-0.037	0.299	0.2321236	0.000000	0.000000	0.069405
SFTC061920_206	1243504	2375249	A	774.8	38.8	6/19/2020	0	-0.023	0.354	0.2323035	0.000000	0.000000	0.082235
SFTC061920_207	1243611	2375251	A	775.8	38.9	6/19/2020	0	-0.005	0.504	0.2325288	0.000000	0.000000	0.117195
SFTC061920_208	1243585	2375081	A	775.9	38.9	6/19/2020	0	-0.022	0.485	0.2325587	0.000000	0.000000	0.112791
SFTC062420_209	1242640	2376806	A	775.1	27.7	6/24/2020	-1.317	-0.002	4.087	0.2409677	0.000000	0.000000	0.984835
SFTC062420_210	1242743	2376809	A	775.1	28.2	6/24/2020	-2.133	0.003	0.005	0.2405679	0.000000	0.000722	0.001203

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC062420_211	1242603	2376604	A	775.1	28.7	6/24/2020	-1.761	0.007	0.434	0.2401694	0.000000	0.001681	0.104234
SFTC062420_212	1242779	2376517	A	774.4	29.2	6/24/2020	-0.189	0.013	0.142	0.2395557	0.000000	0.003114	0.034017
SFTC062420_213	1242997	2376540	A	773.8	30.0	6/24/2020	-1.88	0.025	0.824	0.2387384	0.000000	0.005968	0.196720
SFTC062420_214	1243027	2376729	A	775.8	30.6	6/24/2020	-1.06	0.002	0.635	0.2388826	0.000000	0.000478	0.151690
SFTC062420_215	1242949	2376889	A	775.0	31.3	6/24/2020	-0.761	0	0.085	0.2380876	0.000000	0.000000	0.020237
SFTC062420_216	1242810	2376915	A	773.6	31.8	6/24/2020	2.621	0.002	3.399	0.2372679	0.621879	0.000475	0.806473
SFTC062420_217	1242762	2376973	A	773.8	32.2	6/24/2020	-1.329	0	1.418	0.2370183	0.000000	0.000000	0.336092
SFTC062420_218	1242833	2376993	A	773.4	32.6	6/24/2020	7.534	0.01	4.25	0.2365859	1.782438	0.002366	1.005490
SFTC062420_219	1242867	2377059	A	773.1	32.9	6/24/2020	456.69	0.023	3.927	0.2362623	107.898600	0.005434	0.927802
SFTC062420_220	1242901	2377128	A	772.4	33.2	6/24/2020	42153.02	0.087	16.495	0.2358172	9940.407000	0.020516	3.889805
SFTC062420_221	1242880	2377129	A	772.0	33.6	6/24/2020	-203.352	-0.003	2.184	0.2353877	0.000000	0.000000	0.514087
SFTC062420_222	1242813	2377183	A	771.6	33.9	6/24/2020	-1.88	0.005	3.275	0.2350359	0.000000	0.001175	0.769743
SFTC062420_223	1242862	2377204	A	770.9	34.2	6/24/2020	5.802	0.001	1.42	0.2345935	1.361111	0.000235	0.333123
SFTC062420_224	1242919	2377204	A	770.8	34.5	6/24/2020	-1.645	0	1.653	0.2343343	0.000000	0.000000	0.387355
SFTC062420_225	1242952	2377244	A	770.5	34.7	6/24/2020	-1.047	0	5.843	0.2340909	0.000000	0.000000	1.367793
SFTC062420_226	1243012	2377259	A	770.4	35.1	6/24/2020	-1.506	0.016	2.839	0.2337568	0.000000	0.003740	0.663636
SFTC062420_227	1243025	2377184	A	770.1	35.5	6/24/2020	-1.381	0.001	0.239	0.233363	0.000000	0.000233	0.055774
SFTC062420_228	1242973	2377132	A	770.6	36.0	6/24/2020	-3.523	-0.001	0.124	0.2331368	0.000000	0.000000	0.028909
SFTC062420_229	1242934	2377069	A	771.6	36.5	6/24/2020	-0.824	0.004	0.243	0.2330624	0.000000	0.000932	0.056634
SFTC062420_230	1243040	2377080	A	771.7	37.2	6/24/2020	-1.119	-0.002	0.013	0.2325669	0.000000	0.000000	0.003023
SFTC062420_231	1243090	2377164	A	770.6	37.9	6/24/2020	-0.66	0	0.2	0.2317127	0.000000	0.000000	0.046343
SFTC062420_232	1243105	2377224	A	769.7	38.5	6/24/2020	0	-0.001	0.041	0.2309965	0.000000	0.000000	0.009471

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC062420_233	1243192	2377368	A	769.0	39.3	6/24/2020	-1.141	0.001	1.062	0.2301956	0.000000	0.000230	0.244468
SFTC062420_234	1243173	2377513	A	767.1	40.1	6/24/2020	-1.386	0	0.258	0.2290404	0.000000	0.000000	0.059092
SFTC062420_235	1243250	2377807	A	765.9	41.2	6/24/2020	-4.835	0.001	0.193	0.2278818	0.000000	0.000228	0.043981
SFTC062420_236	1243213	2377982	A	762.1	41.6	6/24/2020	-1.951	-0.002	0.192	0.226463	0.000000	0.000000	0.043481
SFTC062420_237	1243046	2378069	A	761.4	41.6	6/24/2020	-4.566	-0.006	0.13	0.226255	0.000000	0.000000	0.029413
SFTC062420_238	1242998	2377925	A	763.4	41.7	6/24/2020	-2.372	0.009	0.532	0.2267773	0.000000	0.002041	0.120646
SFTC062420_239	1242991	2377813	A	764.2	41.9	6/24/2020	-2.021	0.003	0.237	0.2268708	0.000000	0.000681	0.053768
SFTC062420_240	1243030	2377572	A	764.6	42.1	6/24/2020	-5.52	0.006	0.529	0.2268456	0.000000	0.001361	0.120001
SFTC062420_241	1243064	2377394	A	766.1	42.4	6/24/2020	-2.465	0.001	0.848	0.2270745	0.000000	0.000227	0.192559
SFTC062420_242	1243005	2377366	A	768.1	42.7	6/24/2020	-1.966	0.013	2.549	0.2274511	0.000000	0.002957	0.579773
SFTC062420_243	1242873	2377377	A	768.3	43.0	6/24/2020	-0.984	0.001	0.307	0.2272944	0.000000	0.000227	0.069779
SFTC062620_01	1242590	2376900	A	775.4	26.1	6/26/2020	-1.55	-0.001	1.974	0.2423498	0.000000	0.000000	0.478399
SFTC062620_02	1242529	2376996	A	775.2	26.9	6/26/2020	-3.485	-0.005	0.884	0.2416413	0.000000	0.000000	0.213611
SFTC062620_03	1242360	2377193	A	774.7	27.7	6/26/2020	-0.307	-0.006	0.833	0.2408433	0.000000	0.000000	0.200622
SFTC062620_04	1242445	2377177	A	774.2	28.3	6/26/2020	-1.114	-0.008	1.938	0.2402088	0.000000	0.000000	0.465525
SFTC062620_05	1242561	2377144	A	773.8	29.0	6/26/2020	-0.603	-0.001	4.264	0.2395285	0.000000	0.000000	1.021350
SFTC062620_06	1242586	2377297	A	773.4	29.9	6/26/2020	-0.768	-0.001	3.469	0.2386937	0.000000	0.000000	0.828029
SFTC062620_07	1242582	2377391	A	775.1	30.6	6/26/2020	67.466	0.008	5.29	0.2386671	16.101920	0.001909	1.262549
SFTC062620_08	1242416	2377645	A	771.7	31.9	6/26/2020	-0.39	0	7.305	0.2366075	0.000000	0.000000	1.728418
SFTC062620_09	1242433	2377722	A	771.9	32.4	6/26/2020	155.831	0.007	7.795	0.2362816	36.819990	0.001654	1.841815
SFTC062620_10	1242447	2377802	A	771.5	33.0	6/26/2020	-1.141	-0.003	1.133	0.2356963	0.000000	0.000000	0.267044
SFTC062620_11	1242569	2377824	A	771.1	33.5	6/26/2020	3.391	0.009	2.147	0.23519	0.797529	0.002117	0.504953

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC062620_12	1242603	2377711	A	770.1	33.9	6/26/2020	-0.351	-0.01	1.687	0.234579	0.000000	0.000000	0.395735
SFTC062620_13	1242572	2377673	A	770.8	34.3	6/26/2020	37.308	0.012	1.856	0.2344868	8.748232	0.002814	0.435207
SFTC062620_14	1242536	2377639	A	771.2	34.7	6/26/2020	87.756	0.011	2.538	0.2343036	20.561550	0.002577	0.594663
SFTC062620_15	1242567	2377599	A	771.2	35.1	6/26/2020	179.984	0.014	18.02	0.2339996	42.116180	0.003276	4.216672
SFTC062620_16	1242634	2377612	A	771.1	35.6	6/26/2020	5.016	0.004	4.783	0.2335903	1.171689	0.000934	1.117262
SFTC062620_17	1242788	2377598	A	770.1	36.3	6/26/2020	-0.81	-0.017	0.514	0.2327597	0.000000	0.000000	0.119638
SFTC062620_18	1242757	2377831	A	769.3	37.1	6/26/2020	-0.633	-0.024	0.748	0.2319183	0.000000	0.000000	0.173475
SFTC062620_19	1242822	2377997	A	768.5	37.9	6/26/2020	0	-0.002	0.519	0.2310813	0.000000	0.000000	0.119931
SFTC062620_20	1242632	2377942	A	766.8	38.6	6/26/2020	0	-0.015	0.632	0.2300524	0.000000	0.000000	0.145393
SFTC062620_21	1242572	2378155	A	768.9	39.0	6/26/2020	0	-0.009	1.023	0.2303868	0.000000	0.000000	0.235686
SFTC062620_22	1242756	2378213	A	768.8	39.3	6/26/2020	-0.181	-0.023	0.011	0.2301357	0.000000	0.000000	0.002531
SFTC062620_23	1242809	2378362	A	767.7	39.5	6/26/2020	-0.155	-0.016	0.729	0.2296594	0.000000	0.000000	0.167422
SFTC062620_24	1242723	2378544	A	765.5	39.5	6/26/2020	-0.389	-0.015	0.986	0.2290013	0.000000	0.000000	0.225795
SFTC062620_25	1242612	2378570	A	764.9	39.5	6/26/2020	-0.058	-0.02	0.536	0.2288218	0.000000	0.000000	0.122648
SFTC062620_26	1242645	2378426	A	765.3	39.5	6/26/2020	-1.002	-0.019	1.048	0.2289414	0.000000	0.000000	0.239931
SFTC062620_27	1242459	2378381	A	766.5	39.7	6/26/2020	-0.16	-0.017	0.687	0.2291538	0.000000	0.000000	0.157429
SFTC062620_28	1242439	2378272	A	766.8	39.8	6/26/2020	-0.323	-0.029	0.664	0.2291703	0.000000	0.000000	0.152169
SFTC062620_29	1242440	2378539	A	767.0	40.1	6/26/2020	0	-0.012	0.282	0.2290105	0.000000	0.000000	0.064581
SFTC062620_30	1242202	2378350	A	765.9	40.5	6/26/2020	-0.082	-0.016	0.405	0.2283904	0.000000	0.000000	0.092498
SFTC062620_31	1242247	2378244	A	768.2	40.7	6/26/2020	0	-0.028	0.65	0.2289303	0.000000	0.000000	0.148805
SFTC062620_32	1242199	2378020	A	768.4	41.0	6/26/2020	0	-0.033	0.574	0.2287712	0.000000	0.000000	0.131315
SFTC062620_33	1242428	2378027	A	769.7	41.4	6/26/2020	-0.282	-0.017	0.285	0.2288669	0.000000	0.000000	0.065227

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
SFTC062620_34	1242238	2377664	A	770.3	41.9	6/26/2020	-0.052	-0.019	0.358	0.2286818	0.000000	0.000000	0.081868
SFTC062620_35	1242214	2377595	A	772.2	42.1	6/26/2020	-0.226	-0.013	0.324	0.2291004	0.000000	0.000000	0.074229
SFTC062620_36	1242202	2377370	A	772.3	42.2	6/26/2020	-0.334	-0.016	0.02	0.2290574	0.000000	0.000000	0.004581
SFTC062620_37	1242363	2377363	A	773.6	42.2	6/26/2020	-0.572	-0.036	0.478	0.229443	0.000000	0.000000	0.109674
SFTC062620_38	1242206	2377204	A	773.9	42.3	6/26/2020	0	-0.035	0.125	0.2294592	0.000000	0.000000	0.028682
SFTC062620_39	1242278	2377037	A	774.5	42.4	6/26/2020	-0.263	-0.031	0.19	0.2295643	0.000000	0.000000	0.043617
SFTC062620_40	1242231	2376828	A	774.6	42.4	6/26/2020	-0.784	-0.005	0.157	0.2295939	0.000000	0.000000	0.036046
SFTC062620_41	1242407	2376976	A	773.9	42.5	6/26/2020	-0.13	-0.048	1.224	0.2293138	0.000000	0.000000	0.280680
SFTC062620_42	1242459	2376844	A	775.3	42.5	6/26/2020	-0.129	-0.016	1.108	0.2297286	0.000000	0.000000	0.254539
VosburgPike06092_0_01	1243092	2352557	A	760.4	24.5	6/9/2020	-0.812	-0.005	0.061	0.2389392	0.000000	0.000000	0.014575
VosburgPike06092_0_02	1243257	2352760	A	760.5	25.0	6/9/2020	-0.449	-0.003	0.114	0.2385698	0.000000	0.000000	0.027197
VosburgPike06092_0_03	1243197	2352865	A	766.3	25.2	6/9/2020	-0.355	-0.001	0.334	0.2402281	0.000000	0.000000	0.080236
VosburgPike06092_0_04	1243169	2352969	A	760.4	25.4	6/9/2020	-0.756	-0.003	0.387	0.2382189	0.000000	0.000000	0.092191
VosburgPike06092_0_05	1243361	2352968	A	766.3	25.6	6/9/2020	0	-0.01	0.654	0.2399065	0.000000	0.000000	0.156899
VosburgPike06092_0_06	1243364	2352877	A	758.9	25.9	6/9/2020	-0.928	-0.006	0.741	0.2373514	0.000000	0.000000	0.175877
VosburgPike06092_0_07	1243440	2352753	A	758.8	26.3	6/9/2020	-0.224	-0.002	0.525	0.2370031	0.000000	0.000000	0.124427
VosburgPike06092_0_08	1243593	2352802	A	758.7	26.8	6/9/2020	-0.242	-0.002	0.697	0.2365769	0.000000	0.000000	0.164894
VosburgPike06092_0_09	1243590	2352949	A	757.2	27.1	6/9/2020	0	-0.002	0.576	0.2358733	0.000000	0.000000	0.135863
VosburgPike06092_0_10	1243577	2352971	A	757.6	27.4	6/9/2020	0	0	1.154	0.2357623	0.000000	0.000000	0.272070

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike06092_0_11	1243503	2352936	A	757.7	27.7	6/9/2020	0	-0.017	0.165	0.2355583	0.000000	0.000000	0.038867
VosburgPike06092_0_12	1243490	2352988	A	758.1	27.9	6/9/2020	20.489	0.011	3.877	0.2355261	4.825694	0.002591	0.913135
VosburgPike06092_0_13	1243653	2353133	A	758.4	28.3	6/9/2020	0	-0.004	0.618	0.2353066	0.000000	0.000000	0.145419
VosburgPike06092_0_14	1243441	2353167	A	759.9	28.7	6/9/2020	0	-0.001	0.58	0.2354596	0.000000	0.000000	0.136567
VosburgPike06092_0_15	1243383	2353357	A	760.8	29.2	6/9/2020	-0.446	-0.003	0.307	0.2353486	0.000000	0.000000	0.072252
VosburgPike06092_0_16	1243575	2353397	A	765.3	29.7	6/9/2020	0	0	0.264	0.2363498	0.000000	0.000000	0.062396
VosburgPike06092_0_17	1243704	2353303	A	757.7	30.0	6/9/2020	-1.392	-0.008	0.479	0.2337711	0.000000	0.000000	0.111976
VosburgPike06092_0_18	1243814	2353186	A	757.5	30.5	6/9/2020	0	-0.007	0.132	0.2333246	0.000000	0.000000	0.030799
VosburgPike06092_0_19	1243785	2352919	A	758.3	31.1	6/9/2020	-0.955	-0.009	2.777	0.2331104	0.000000	0.000000	0.647348
VosburgPike06092_0_20	1243773	2352716	A	756.8	31.7	6/9/2020	-0.56	-0.006	0.684	0.2321914	0.000000	0.000000	0.158819
VosburgPike06092_0_21	1244139	2352387	A	756.4	32.6	6/9/2020	0	-0.005	0.401	0.2313855	0.000000	0.000000	0.092786
VosburgPike06092_0_22	1244361	2352507	A	752.7	33.2	6/9/2020	-2.38	-0.01	0.232	0.2298027	0.000000	0.000000	0.053314
VosburgPike06092_0_23	1244398	2352398	A	751.5	33.7	6/9/2020	-1.825	-0.012	0.635	0.2290625	0.000000	0.000000	0.145455
VosburgPike06092_0_24	1244608	2352376	A	750.7	34.0	6/9/2020	0	-0.009	0.282	0.2285952	0.000000	0.000000	0.064464
VosburgPike06092_0_25	1244575	2352577	A	750.0	34.3	6/9/2020	-2.463	-0.02	0.689	0.2281591	0.000000	0.000000	0.157202
VosburgPike06092_0_26	1244589	2352760	A	751.7	34.5	6/9/2020	-1.701	-0.023	0.623	0.2285277	0.000000	0.000000	0.142373

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike06092_0_27	1244303	2352738	A	751.3	34.6	6/9/2020	-2.982	-0.018	0.42	0.2283318	0.000000	0.000000	0.095899
VosburgPike06092_0_28	1244215	2352794	A	753.5	34.7	6/9/2020	-2.61	-0.008	0.272	0.228926	0.000000	0.000000	0.062268
VosburgPike06092_0_29	1244145	2352561	A	754.0	34.8	6/9/2020	-0.793	-0.002	0.316	0.2290036	0.000000	0.000000	0.072365
VosburgPike06092_0_30	1243580	2352547	A	753.8	34.9	6/9/2020	-2.461	-0.011	0.558	0.2288685	0.000000	0.000000	0.127709
VosburgPike06092_0_31	1243445	2352559	A	758.0	35.1	6/9/2020	-1.427	-0.002	0.402	0.2299944	0.000000	0.000000	0.092458
VosburgPike06102_0_32	1242577	2349733	A	766.5	27.3	6/10/2020	-4.498	0.012	0.52	0.2386113	0.000000	0.002863	0.124078
VosburgPike06102_0_33	1242741	2349741	A	766.6	28.2	6/10/2020	-1.682	0	0.133	0.2379297	0.000000	0.000000	0.031645
VosburgPike06102_0_34	1242954	2349607	A	765.3	29.3	6/10/2020	-1.341	0.001	0.269	0.2366624	0.000000	0.000237	0.063662
VosburgPike06102_0_35	1243195	2349510	A	762.7	30.3	6/10/2020	-0.992	0.011	0.312	0.2350811	0.000000	0.002586	0.073345
VosburgPike06102_0_36	1243278	2349485	A	761.1	31.0	6/10/2020	-2.71	0.019	0.588	0.234048	0.000000	0.004447	0.137620
VosburgPike06102_0_37	1243293	2349574	A	760.5	31.7	6/10/2020	-1.928	0.033	0.14	0.2333265	0.000000	0.007700	0.032666
VosburgPike06102_0_38	1243385	2349560	A	760.3	32.3	6/10/2020	-3.107	0.003	0.668	0.232807	0.000000	0.000698	0.155515
VosburgPike06102_0_39	1243547	2349588	A	759.5	33.1	6/10/2020	-2.83	0.013	0.48	0.2319545	0.000000	0.003015	0.111338
VosburgPike06102_0_40	1243560	2349449	A	758.5	33.8	6/10/2020	-1.286	0.003	0.441	0.2311208	0.000000	0.000693	0.101924
VosburgPike06102_0_41	1243769	2349515	A	758.4	34.6	6/10/2020	-0.734	0.013	0.346	0.2304896	0.000000	0.002996	0.079749
VosburgPike06102_0_42	1243793	2349368	A	757.5	35.3	6/10/2020	-4.263	0	0.665	0.2296936	0.000000	0.000000	0.152746

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike06102_0_43	1243826	2349206	A	763.0	36.2	6/10/2020	0	0.007	0.127	0.2306883	0.000000	0.001615	0.029297
VosburgPike06102_0_44	1243946	2349245	A	756.4	36.8	6/10/2020	-4.356	-0.005	-0.012	0.2282501	0.000000	0.000000	0.000000
VosburgPike06102_0_45	1243968	2349418	A	756.1	37.3	6/10/2020	-3.016	-0.003	1.704	0.2277921	0.000000	0.000000	0.388158
VosburgPike06102_0_46	1244128	2349370	A	755.8	37.8	6/10/2020	-3.946	-0.011	1.255	0.2273356	0.000000	0.000000	0.285306
VosburgPike06102_0_47	1244199	2349186	A	754.8	38.3	6/10/2020	-3.255	0.003	1.666	0.2266703	0.000000	0.000680	0.377633
VosburgPike06112_0_100	1243617	2349990	A	760.3	44.1	6/11/2020	-1.119	-0.021	0.242	0.2241478	0.000000	0.000000	0.054244
VosburgPike06112_0_101	1243568	2349920	A	761.9	44.0	6/11/2020	-0.782	-0.032	0.305	0.2246903	0.000000	0.000000	0.068531
VosburgPike06112_0_102	1243562	2349805	A	762.6	43.9	6/11/2020	-0.283	-0.008	0.059	0.2249677	0.000000	0.000000	0.013273
VosburgPike06112_0_103	1243485	2349789	A	763.1	43.8	6/11/2020	-0.957	-0.06	0.664	0.2251862	0.000000	0.000000	0.149524
VosburgPike06112_0_104	1243427	2349764	A	763.9	43.8	6/11/2020	-0.484	-0.035	13.344	0.2254223	0.000000	0.000000	3.008035
VosburgPike06112_0_105	1243384	2349780	A	764.6	43.7	6/11/2020	-1.619	-0.014	3.582	0.2257001	0.000000	0.000000	0.808458
VosburgPike06112_0_106	1243385	2349810	A	764.6	43.7	6/11/2020	-0.622	-0.004	0.338	0.2257001	0.000000	0.000000	0.076287
VosburgPike06112_0_107	1243353	2349808	A	765.0	43.6	6/11/2020	-0.461	-0.002	0.629	0.2258894	0.000000	0.000000	0.142084
VosburgPike06112_0_108	1243287	2349770	A	765.5	43.5	6/11/2020	106.078	-0.004	11.45	0.2261085	23.985130	0.000000	2.588942
VosburgPike06112_0_109	1243206	2349810	A	766.1	43.3	6/11/2020	-1.595	-0.02	3.068	0.2264287	0.000000	0.000000	0.694683
VosburgPike06112_0_110	1243131	2349837	A	766.5	43.3	6/11/2020	37.88	-0.003	7.545	0.2265469	8.581598	0.000000	1.709297

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike061120_111	1243043	2349778	A	766.9	43.2	6/11/2020	-0.9	-0.032	1.173	0.2267368	0.000000	0.000000	0.265962
VosburgPike061120_112	1242954	2349844	A	767.3	43.1	6/11/2020	426.189	-0.01	6.898	0.2269268	96.713700	0.000000	1.565341
VosburgPike061120_66	1242598	2349957	A	770.5	29.0	6/11/2020	-2.509	-0.003	0.762	0.238507	0.000000	0.000000	0.181742
VosburgPike061120_67	1242570	2350117	A	770.5	30.5	6/11/2020	-0.145	-0.008	0.711	0.2373288	0.000000	0.000000	0.168741
VosburgPike061120_68	1242714	2350137	A	770.4	31.4	6/11/2020	-0.642	-0.004	0.603	0.2365967	0.000000	0.000000	0.142668
VosburgPike061120_69	1242762	2350008	A	769.9	32.3	6/11/2020	26.259	0	6.114	0.2357465	6.190468	0.000000	1.441354
VosburgPike061120_70	1242808	2349994	A	769.4	32.8	6/11/2020	142.958	0.025	13.114	0.2352084	33.624920	0.005880	3.084523
VosburgPike061120_71	1242843	2349999	A	769.0	33.2	6/11/2020	146.699	0.013	18.852	0.2347792	34.441870	0.003052	4.426057
VosburgPike061120_72	1242894	2350019	A	768.9	34.4	6/11/2020	3.507	0.006	5.048	0.2338327	0.820051	0.001403	1.180387
VosburgPike061120_73	1242963	2349943	A	768.5	35.0	6/11/2020	74.596	0	30.43	0.233256	17.399970	0.000000	7.097980
VosburgPike061120_74	1242979	2349957	A	768.0	35.5	6/11/2020	0	0	1.056	0.2327266	0.000000	0.000000	0.245759
VosburgPike061120_75	1242914	2350184	A	768.0	36.3	6/11/2020	-0.015	-0.015	0.193	0.232125	0.000000	0.000000	0.044800
VosburgPike061120_76	1243223	2350203	A	768.4	37.2	6/11/2020	-0.101	-0.013	0.773	0.2315724	0.000000	0.000000	0.179005
VosburgPike061120_77	1243319	2350125	A	765.0	37.7	6/11/2020	-0.057	-0.02	0.476	0.2301769	0.000000	0.000000	0.109564
VosburgPike061120_78	1243205	2349954	A	764.5	38.1	6/11/2020	-0.229	-0.004	1.497	0.2297308	0.000000	0.000000	0.343907
VosburgPike061120_79	1243351	2349977	A	765.5	38.6	6/11/2020	0	-0.011	3.687	0.2296624	0.000000	0.000000	0.846765

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike061120_80	1243561	2350059	A	763.9	39.2	6/11/2020	0	-0.021	15.022	0.2287421	0.000000	0.000000	3.436164
VosburgPike061120_81	1243586	2350154	A	761.8	39.5	6/11/2020	0	-0.026	0.289	0.2278944	0.000000	0.000000	0.065861
VosburgPike061120_82	1243782	2350149	A	761.0	39.9	6/11/2020	0	-0.014	0.157	0.2273642	0.000000	0.000000	0.035696
VosburgPike061120_83	1243952	2350084	A	757.9	40.7	6/11/2020	-0.157	-0.005	0.412	0.2258608	0.000000	0.000000	0.093055
VosburgPike061120_84	1243974	2350152	A	757.9	41.0	6/11/2020	-0.5	-0.028	0.777	0.2256451	0.000000	0.000000	0.175326
VosburgPike061120_85	1244120	2350044	A	758.0	41.4	6/11/2020	-0.906	-0.03	0.457	0.2253879	0.000000	0.000000	0.103002
VosburgPike061120_86	1244244	2350181	A	757.2	41.9	6/11/2020	-0.38	-0.006	0.655	0.2247927	0.000000	0.000000	0.147239
VosburgPike061120_87	1244307	2349931	A	756.8	42.6	6/11/2020	-1.148	-0.044	0.414	0.2241759	0.000000	0.000000	0.092809
VosburgPike061120_88	1244335	2349784	A	756.1	43.1	6/11/2020	-0.397	-0.019	0.679	0.2236144	0.000000	0.000000	0.151834
VosburgPike061120_89	1244319	2349637	A	757.1	43.5	6/11/2020	-0.507	-0.016	0.253	0.2236273	0.000000	0.000000	0.056578
VosburgPike061120_90	1244233	2349753	A	757.6	43.7	6/11/2020	0	-0.04	0.829	0.2236338	0.000000	0.000000	0.185392
VosburgPike061120_91	1244164	2349709	A	757.9	43.9	6/11/2020	-0.485	-0.028	0.618	0.2235812	0.000000	0.000000	0.138173
VosburgPike061120_92	1244115	2349650	A	758.5	44.1	6/11/2020	0	-0.006	0.426	0.2236171	0.000000	0.000000	0.095261
VosburgPike061120_93	1244136	2349576	A	759.0	44.2	6/11/2020	-0.796	-0.027	0.414	0.223694	0.000000	0.000000	0.092609
VosburgPike061120_94	1244102	2349508	A	758.8	44.3	6/11/2020	0	-0.014	2.558	0.2235646	0.000000	0.000000	0.571878
VosburgPike061120_95	1244105	2349577	A	758.8	44.4	6/11/2020	37.763	-0.006	7.435	0.2234942	8.439813	0.000000	1.661680

Individual Flux Measurements and Calculations (Continued)

Site Point ID	Northing	Easting	Accum Chamber	Pressure (HPa)	Temp (DegC)	Date	CH4 slope	H2S slope	CO2 slope	AcK factor	CH4 flux (moles/day/m^2)	H2S flux (moles/day/m^2)	CO2 flux (moles/day/m^2)
VosburgPike061120_96	1244017	2349594	A	759.2	44.4	6/11/2020	-0.595	-0.004	0.607	0.223612	0.000000	0.000000	0.135733
VosburgPike061120_97	1243921	2349794	A	759.6	44.3	6/11/2020	-0.251	-0.051	0.511	0.2238003	0.000000	0.000000	0.114362
VosburgPike061120_98	1243781	2349765	A	759.3	44.3	6/11/2020	-0.792	-0.029	0.05	0.223712	0.000000	0.000000	0.011186
VosburgPike061120_99	1243794	2349927	A	760.0	44.2	6/11/2020	-1.274	-0.022	0.202	0.2239887	0.000000	0.000000	0.045246