

Synoptic - monthly sampling		Event: 2022 summer [month JULY]					General Notes/Observations:			turn on chamber before you connect to wifi				
Measurement: Soil Fluxes [CH4] and [CO2]							Using Eastern time ✓							
Collection Date:		Personnel:					~2 min slopes from the second manuscript form							
Site	Zone	Collar ID	Date	Start Time	End Time	CO2 (ppm/s)	CH4 (ppb/s)	Notes	T °C	offset	Notes			
Portage river	upland	S1	7-7-22	11:14	11:19	4.512	-0.287	21.2 20.7 20.3	8.5		start time from 2nd			
Portage river	upland	S2		11:31	11:36	6.839	-0.367	23.5 21.9 20.8	9		4 minutes			
Portage river	upland	S3		11:41	11:46	0/3.142	0/-0.517	21.9 21.3 20.7	8.33		did turn on			
Portage river	upland	S4		12:04	12:08	5.059	-0.962	22.3 21.7 21.0	7.00					
Portage river	upland	S5		12:21	12:26	4.325	-0.289	22.4 21.7 21.3	8.37		\$5b & correct			
Portage river	upland	S6		12:42	12:46	4.706	-0.420	22.5 21.8 21.2	9.63					
Portage river	upland	S7		12:53	12:58	6.152	-0.990	21.9 21.2 20.5	8.00					
Portage river	upland	S8		12:59	1:05	4.294	-0.647	22.3 21.8 21.0	8.50					
Portage river	transition	S9		13:09	13:15	3.258	-0.106	22.9 21.0	7.00					
Portage river	transition	S10		13:19	13:24	3.603	-0.181	21.6 21.2 20.7	7.50					
Portage river	transition	S11		13:38	13:44	24.247 20.112	-1.441 -1.163	23.9 23.4 21.9	8.17					
Portage river	transition	S12		13:29	13:34	5.196	-0.597	23.9 22.4 22.6	7.00		final temp is 8 min so.			
Portage river	transition	S13		14:03	14:09	7.076	-1.572	30.0 27.9 24.3	7.13					
Portage river	transition	S14		14:11	14:17	4.570	-0.373	23.3 22.2 21.4	8.00					
Portage river	transition	S15		14:18	14:23	5.241	-0.062	22.5 21.2 20.6	8.9					
Portage river	transition	S16		13:55	14:00	0.382	-0.242	24.1 22.6 21.3	7.00					
Portage river	wetland	S17		14:34	14:38	7.463	24.304	27.3 24.3 22.2	5.25	used S-3				
Portage river	wetland	S18		14:43	14:49	7.941	0.374	23.1 22.3 21.2	11					
Portage river	wetland	S19		14:52	14:57	5.746	0.931	23.8 22.1 21.0	9					
Portage river	wetland	S20		15:00	15:05	4.115	0.551	23.2 21.5 20.7	10					
Portage river	wetland	S21		15:07	15:13	10.726	12.785	30.2 27.0 24.5	7.5		think G.S. accident			
Portage river	wetland	S22		15:16	15:20	4.923	2.330	26.4 25.4 25.0	6.5					
Portage river	wetland	S23		15:22	15:28	0.774	3.681	27.1 24.2 22.2	6.7					
Portage river	wetland	S24		15:30	15:35	0.367	5.965	21.2 20.5 22.8	8.3					

water vapor
S11 was
29.000

110RENV

unusually
high dead
bird 2
near by.