

X → N<sub>2</sub>

Synoptic - monthly sampling		Event: 2022 Fall [month Oct]			General Notes/Observations:				
Measurement: Soil Fluxes [CH4] and [CO2]		Instrument: Nick							
Collection Date:	Oct 7-2022	Personnel: Bhan							
Site	Zone	Collar ID	Start Time	End Time	CO2 (ppm/s)	CH4 (ppb/s)	CO2 (ppm/s)	CH4 (ppb/s)	Notes
Portage river	upland	S1	N <sub>2</sub> O						
Portage river	upland	S2	8:29	8:30	-1.016	1.138			
Portage river	upland	S3	8:27	8:16	0.002629	-0.253			first measurement taken.
Portage river	upland	S4	8:27:49	8:51	1.947	-2.813	2.057	-0.956	-0.956 -2.899
Portage river	upland	S5	8:33	8:34	4.830	~0.2	4.173	-1.956	
Portage river	upland	S6	8:38	8:41	3.021	-1.347	2.071	-1.687	
Portage river	upland	S7	8:43	8:45	1.200	-1.365	1.364	-1.884	
Portage river	upland	S8	N <sub>2</sub> O						
Portage river	transition	S9	9:27	9:29	1.327	-1.101	1.408	-1.016	
Portage river	transition	S10	N <sub>2</sub> O						
Portage river	transition	S11	8:56	8:59	2.14.01		19.928	-6.334	
Portage river	transition	S12	9:02	9:04	1.699	-1.727	1.733	-1.951	
Portage river	transition	S13	9:08	9:12	1.929	-0.209	1.908	-0.204	USC 14b readings
Portage river	transition	S14	N <sub>2</sub> O						
Portage river	transition	S15	9:21	9:22	4.755	-0.083	4.517	-0.651	
Portage river	transition	S16	N <sub>2</sub> O						
Portage river	wetland	S17	10:07:10:16	10:03	2.684	-0.023	2.745	-0.288	
Portage river	wetland	S18	10:05:54		-3.726	2.328			
Portage river	wetland	S19	N <sub>2</sub> O						
Portage river	wetland	S20	9:44	9:56	4.967	-0.071	5.229	-0.583	
Portage river	wetland	S21	N <sub>2</sub> O						
Portage river	wetland	S22	10:58						
Portage river	wetland	S23							
Portage river	wetland	S24	N <sub>2</sub> O						
Revised by Shan Mihale									

-3.726 -3.728