

Synoptic - monthly sampling  
Measurement: Soil Fluxes [CH<sub>4</sub>] and [CO<sub>2</sub>],  
Collection Date: 9/18/2023

Event: 2023 summer [month Sep]  
Instrument: NCL  
Personnel: Emma

Site	Zone	Collar#	Start Time	End Time	CO <sub>2</sub> flux <sup>1</sup>	CH <sub>4</sub> flux <sup>1</sup>	CO <sub>2</sub> flux <sup>2</sup>	CH <sub>4</sub> flux <sup>2</sup>	pH	Notes
Old Woman Creek	upland	S49								
Old Woman Creek	upland	S50	11:09	11:12	8.548	-0.638	8.103	-0.635		ONC_UP - 50_B
Old Woman Creek	upland	S51	10:50	10:54	10.534	-0.535	4.840	-0.404		
Old Woman Creek	upland	S52	10:57	11:00	7.339	-0.387	5.010	-0.386		
Old Woman Creek	upland	S53								
Old Woman Creek	upland	S54								
Old Woman Creek	upland	S55	11:15	11:18	9.436	-0.610	6.826	-0.573		
Old Woman Creek	upland	S56	11:21	11:24	8.030	-0.915	6.160	-0.866		
Old Woman Creek	transition	S57								
Old Woman Creek	transition	S58	12:02	12:05	5.485	-0.172	5.697			
Old Woman Creek	transition	S59	11:42	11:45	9.088	-0.260	8.374	-0.207		
Old Woman Creek	transition	S60	11:30	11:34	6.458	-0.074	5.604	-0.240		
Old Woman Creek	transition	S61	11:32	11:35	5.522	-0.215	4.411	-0.325		
Old Woman Creek	transition	S62	N/20							
Old Woman Creek	transition	S63	11:52	11:55	1.984	0.202	1.733	0.022		
Old Woman Creek	transition	S64	11:57	12:00	2.210	0.440	2.214	0.444		
Old Woman Creek	wetland	S65								
Old Woman Creek	wetland	S66	12:22	12:25	5.117	5.731	4.432	1.870		
Old Woman Creek	wetland	S67	12:31	12:33	11.017	20.254	10.169	36.050		
Old Woman Creek	wetland	S68								
Old Woman Creek	wetland	S69								
Old Woman Creek	wetland	S70								
Old Woman Creek	wetland	S71	12:37	12:40	8.679	6.990	6.871	5.610		
Old Woman Creek	wetland	S72	12:43	12:46	3.920	-0.062	3.529	-0.014		

58 P#2 S.694 -0.216  
CO<sub>2</sub>#2 CH<sub>4</sub>#2

W#1 12:15 - 12:18  
CO<sub>2</sub> 15.230 CH<sub>4</sub> 10.531

66 W#2

64 cm ft W#31