

Oct 11th 2023

2023 Fall PTL 10/11/2023 October

## Synoptic - monthly sampling

Measurement: Soil Fluxes [CH<sub>4</sub>] and [CO<sub>2</sub>]

Collection Date: 10 - 11 - 2023

Event: ~~2023 Fall PTL~~  
Instrument: ~~Lake Orange label 01448 SN~~Personnel: ~~Roberta Matt~~

Site	Zone	Collar ID	Start Time	CO <sub>2</sub> (1)	CH <sub>4</sub> (1)	CO <sub>2</sub> (2)	CH <sub>4</sub> (2)	Notes
Old Woman Creek	upland	S49	6	8:35	-1.011	-3.407	-0.492	Weird negative CO <sub>2</sub> flux.
Old Woman Creek	upland	S50	7	8:40	0.071	-0.594	+0.122	-0.551
Old Woman Creek	upland	S51	3	8:44	0.168	-0.588	+0.157	-0.570
Old Woman Creek	upland	S52	2	8:49	0.458	-0.278	+0.345	-0.283
Old Woman Creek	upland	S53	4	8:53	0.330	-0.603	+0.293	-0.580
Old Woman Creek	upland	S54						
Old Woman Creek	upland	S55						
Old Woman Creek	upland	S56						
Old Woman Creek	transition	S57	11	8:58	2.480	-0.461	2.165	-0.433
Old Woman Creek	transition	S58	12	9:04	0.643	-0.444	0.613	-0.452
Old Woman Creek	transition	S59	14	9:11	0.679	-0.231	0.651	-0.188
Old Woman Creek	transition	S60	15	9:25	0.975	-0.008	1.016	-0.003
Old Woman Creek	transition	S61	9	9:33			0.581	-0.241
Old Woman Creek	transition	S62						
Old Woman Creek	transition	S63						
Old Woman Creek	transition	S64						
Old Woman Creek	wetland	S65	17	9:49	0.762	-0.046	0.826	-0.668
Old Woman Creek	wetland	S66	18	9:52	1.402	-0.146	-0.389	
Old Woman Creek	wetland	S67	21	9:57	1.134	-0.047	0.702	-0.041
Old Woman Creek	wetland	S68	22	10:02	1.547	0.003	1.255	-0.091
Old Woman Creek	wetland	S69	23	10:07	1.465	-0.081	0.819	-0.628
Old Woman Creek	wetland	S70						
Old Woman Creek	wetland	S71						
Old Woman Creek	wetland	S72						

POTAGA

new: Roberta pre-dawn  
Hettie  
Matt