

| Synoptic - monthly sampling | | | Event: 2023 Summer [month June] | | | General Notes/Observations: | | | |
|--|------------|-----------|---------------------------------|----------|-----------|-----------------------------|-----------|-----------|--------------------------------|
| Measurement: Soil Fluxes [CH4] and [CO2] | | | Instrument: NICK | | | | | | |
| Collection Date: 2023-6-22 | | | Personnel: Sam | | | | | | |
| Site | Zone | Collar ID | Start Time | End Time | CO2 flux1 | CH4 flux1 | CO2 flux2 | CH4 flux2 | Notes |
| Old Woman Creek | upland | S49 | | | | | | | |
| Old Woman Creek | upland | S50 | 12:58:41 | 13:01:18 | 6.398 | -0.519 | 7.816 | -0.469 | |
| Old Woman Creek | upland | S51 | 13:09:06 | 13:11:34 | 6.649 | -0.185 | 4.297 | -0.177 | |
| Old Woman Creek | upland | S52 | 13:04:09 | 13:06:39 | 6.730 | -0.400 | 4.356 | -0.362 | |
| Old Woman Creek | upland | S53 | | | | | | | |
| Old Woman Creek | upland | S54 | | | | | | | |
| Old Woman Creek | upland | S55 | 12:53:14 | 12:55:47 | 5.727 | -0.306 | 5.197 | -0.267 | |
| Old Woman Creek | upland | S56 | 12:47:50 | 12:50:21 | 6.546 | -0.400 | 5.048 | -0.377 | |
| Old Woman Creek | transition | S57 | 13:50 | | | | | | |
| Old Woman Creek | transition | S58 | 13:55:53 | 13:58:26 | 4.006 | -6.576 | 2.967 | -0.058 | |
| Old Woman Creek | transition | S59 | | | | | | | |
| Old Woman Creek | transition | S60 | 13:50:44 | 13:53:16 | 5.574 | 0.477 | 3.252 | 0.463 | |
| Old Woman Creek | transition | S61 | 13:57:18 | 13:58:33 | 7.458 | 0.307 | 3.389 | 0.124 | 13:46:01 Refer to B Start Time |
| Old Woman Creek | transition | S62 | | | | | | | |
| Old Woman Creek | transition | S63 | 14:01:40 | 14:04:13 | 14.640 | 4.866 | 10.208 | 3.748 | |
| Old Woman Creek | transition | S64 | 14:06:32 | 14:08:06 | 29.284 | 2.771 | 2.021 | 5.965 | |
| Old Woman Creek | wetland | S65 | 14:34:06 | 14:36:39 | 15.392 | 12.679 | 8.745 | 10.366 | pH=6.39 Temp=20.0°C |
| Old Woman Creek | wetland | S66 | 14:37:29 | 14:39:58 | 44.220 | 44.220 | 6.340 | 32.786 | pH=28:26 Start Time Refer to B |
| Old Woman Creek | wetland | S67 | 14:55:16 | 14:57:04 | 18.695 | 44.903 | 11.879 | 38.324 | no label pH=6.38 Temp=20.6 |
| Old Woman Creek | wetland | S68 | 14:38:54 | 14:41:07 | 12.585 | 105.162 | 9.147 | 102.540 | pH=6.51 Temp=21.2°C |
| Old Woman Creek | wetland | S69 | 15:06:29 | 15:08:51 | 9.084 | 30.164 | 8.201 | 32.288 | pH=6.21 Temp=20.8°C |
| Old Woman Creek | wetland | S70 | 15:05:15 | 15:07:49 | 16.728 | 58.821 | 13.166 | 48.921 | no label pH=6.33 Temp=21.0°C |
| Old Woman Creek | wetland | S71 | 14:41:43 | 14:44:18 | 11.866 | 68.960 | 9.271 | 72.917 | pH=6.59 Temp=20.8°C |
| Old Woman Creek | wetland | S72 | 14:48:44 | 14:51:16 | 5.007 | 2.628 | 5.502 | 2.843 | no label pH=6.8 Temp=21.7°C |

with temp and

pH=6.66
Temp=20.6°C