

Lake Erie

7-8-22

Crane Creek

GC Start time

Roberta 11:08 - 11:10

S28 11:29 S26 (9-0?)

S31 11:20

677.9 ± 0

2

5

10

GC

Start
time - Roberta

Synoptic - monthly sampling

Event: 2022 summer [month JULY]

General Notes/Observations:

Measurement: Soil Fluxes [CH4] and [CO2]

Collection Date:

Personnel:

new cm. 11:03

(cm)

Site	Zone	Collar ID	Date	Start Time	End Time	CO2 (ppm/s)	CH4 (ppb/s)	Notes offset (°C)	Notes
Crane Creek	upland	S25	7-8-22	10:35	10:40	-7.197	-1.054	7.15 21.3 20.7 20.4	could only push in soil ~9 cm
Crane Creek	upland	S26		10:51	10:56	0/ 4.919	0/-0.313	8.00 20.9 20.3	had to redo
Crane Creek	upland	S27		11:13	11:18	5.981	-0.395	6.8 21.6 20.8 20.4	
Crane Creek	upland	S28		11:39	11:51	0/ 11.147	0/-0.039	6.7 21.2 20.2 20.4	→ 21.2 (redo)
Crane Creek	upland	S29		11:31	11:36/11:58	24.380/4.410	-0.172/-0.137	7.0 21.4 20.9 20.5	↑ up in 21.0 first time redo
Crane Creek	upland	S30		11:22	11:27	6.171	-0.432	7.5 21.7 20.8 20.4	
Crane Creek	upland	S31		10:43	10:47	8.007	-0.973	6.8 24.0 23.5	
Crane Creek	upland	S32		11:09	11:16	5.411	-0.499	7.3 21.8 20.8 20.4	
Crane Creek	transition	S33		13:58	14:03	7.603	-0.496	8.5 22.4 21.4	10.9
Crane Creek	transition	S34		14:05	14:11	7.124	-0.657	9 22.5 21.6	3/21.1
Crane Creek	transition	S35		14:12	14:17	8.122	-0.328	8 21.8 21.5	20.8
Crane Creek	transition	S36		14:18	14:23	7.647	0.425	7 22.6 21.4	20.9
Crane Creek	transition	S37		14:25	14:31	7.117	0.653	8.5 21.9 21.3	20.8 to wetland
Crane Creek	transition	S38							+ typical vegetation
Crane Creek	transition	S39							
Crane Creek	transition	S40							
Crane Creek	wetland	S41		13:01	13:07	1.992	41.375	5 22.8 23.0	22.2 removed from plant
Crane Creek	wetland	S42		13:12	13:18	0.969	3.570	8.5 24.5 23.6	(digged) 22.5 disturbed soil
Crane Creek	wetland	S43		13:22	13:27	1.104	231.077	* 8 23.0 22.0	prior to removal
Crane Creek	wetland	S44		13:45	13:51	1.640	234.185	9 23.3 22.1	Vegetation missing in site, keep sight
Crane Creek	wetland	S45		13:35	13:41	1.820	7.851	8 22.9 22.0	21.7
Crane Creek	wetland	S46							
Crane Creek	wetland	S47							
Crane Creek	wetland	S48							

right
switch to
5 chambers
in future