

Siggelora 31/8/2021

weather: sunny, windy PAR $\mu\text{V}/\text{cm}^2$

	T	0	0.8	~~PAR~~ PAR
0	75.6	8.65	87	~~16-20~~
1	15.6	8.65	86.9	16-20
2	75.5	8.62	86.5	4.5
3	75.5	8.56	85.8	700 nW/cm
4	75.4	8.46	84.7	160
5	15.0	7.19	78.4	40
6	73.3	2	79.7	13
7	9.6	7.74	70	11
8	9	0.85	7.4	13
9	8.7	0.73	7.1	14
10	8.5	0.7	0.8	15
11				

SECCHA: 1) 1.25
2) 1.32
3) 7.50 7.47

(O₂: 1m 45 sensors
10m 46 out: 9.4
air 11 O₂ (2): lots of debris (since people moved)

integrated water samples: ☒
DIC: ☒ alkalinity: ☒ (little buoy?)
phyto sample: ☒

55m 7.56 7.56 74.3

Headspace Stora Hålsjön 31/8/21

weather: sunny + windy

	T	O	O ₂	PAR	
0	16,3	8,95	91,6	100	$\mu\text{W/cm}^2$
0.5	16,7	8,89	90,5	11	
1	15,9	8,86	90,1	1,1	
1.5	15,4	8,51	85,5	170	$\mu\text{W/cm}^2$
2	14,9	7,81	77,6	40	
2.5	14,7	8,09	80	13	
3	14,5	8,01	78,9	8.8	
3.5	14,3	7,65	75	7.5	
4					
4.5					

sensors out: 12:52

O₂ sensor (3): bit of debris in mesh

Secchi: 1) 42 cm
2) 44 cm
3) 50

DIC: ✓

alkalinity: ✓

integr. water

samples: ✓

CO₂: air 18
1m 72
3m 73

phyto: ✓

rope: growth till 2.05 m depth