

Singapore

01/06/2021

|      | cond     | T      | σ    | O <sub>2</sub> |
|------|----------|--------|------|----------------|
| 0    | 41       | 15.3°C | 9.5  | 94.6           |
| *1   | 41       | 15.2   | 9.5  | 94.2           |
| *2   | 41.2     | 13     | 9.27 | 87.4           |
| 3    | 41.2     | 14.6   | 9.25 | 84.6           |
| 4    | 40.8     | 11     | 9.13 | 82.2           |
| 5    | 41       | 10.3   | 8.88 | 77.1           |
| 6    | 40.8     | 9.3    | 8.59 | 74.4           |
| 7    | 40.9     | 8.5    | 8.54 | 72.6           |
| 8    | 40.9     | 8.2    | 8.56 | 72.3           |
| 9    | 40.9     | 7.9    | 8.41 | 70.9           |
| 10   | 41.3     | 7.7    | 7.71 | 64.3           |
| 10.5 | 41.4     | 7.6    | 7.44 | 61.9           |
| 11   | → bottom |        |      |                |

for monitor better the thermocline

repeat

Thermocline: ~1, 25 m

|      |      |      |      |      |
|------|------|------|------|------|
| 0    | 41.2 | 15.1 | 9.59 | 94.7 |
| 1    | 41.2 | 14.7 | 9.60 | 94.1 |
| *1.5 | 41.1 | 12.9 | 9.45 | 89   |
| 2    | 41.3 | 12.4 | 9.5  | 88.4 |

weather: sunny with some clouds

|                      |       |          |
|----------------------|-------|----------|
| sechhi: 1)           | 76 cm | 4) 98 cm |
| 2)                   | 101 m |          |
| 3)                   | 102 m |          |
| CO <sub>2</sub> : 1m | 45    |          |
| 10m                  | 46    |          |
| air                  | 11    |          |

DIC: 1m ✓  
1.5m ✓  
2m ✓

alkalinity: 1m ✓  
1.5m ✓  
2m ✓

integrated water sample: ✓

sensors out: 9:37

sensors in: 10:08

oxygen sensors: 1m = 1  
10m = 2

photo ✓

Stora Hålsjön 11/6/2021

| * 0 | cond     | T                    | O    | O%   |
|-----|----------|----------------------|------|------|
| 0   | 32.9     | 15.8                 | 9.33 | 93.8 |
| 0.5 | 32.8     | 16.0                 | 9.26 | 93.4 |
| 1   | 32.8     | 16.1                 | 9.21 | 93   |
| 1.5 | 32.7     | 16.0                 | 9.17 | 92.6 |
| 2   | 32.9     | 16.0                 | 9.13 | 92.1 |
| 2.5 | 32.2     | <del>16.3</del> 16.3 | 8.75 | 79.6 |
| 3   | 32.3     | 16.8                 | 8.88 | 79.8 |
| 3.5 | 32.3     | 10.4                 | 8.25 | 73.4 |
| 4   | 32.4     | 10.2                 | 7.72 | 68.4 |
| 4.5 | → bottom |                      |      |      |

repeat

|     |    |      |      |      |
|-----|----|------|------|------|
| * 0 | 33 | 16.1 | 9.27 | 93.7 |
| 0.5 |    | 16.1 |      |      |

Thermocline: 2, 3 m

weather: sunny with clouds

seeds: 1) 50 cm  
2) 47 cm  
3) 46 cm

CO<sub>2</sub>: 1m 73  
3m ~~72~~ 13  
air 18

DIC: 1m ✓  
1.5m ✓  
2m ✓

alkalinity: 1m ✓  
1.5m ✓  
2m ✓

integrated water samples: 3.5m  
casted 4m

sensors out: 11:54  
sensors in: 12:18

oxygen sensors: 1m = 3  
3m = 4

phyto ✓