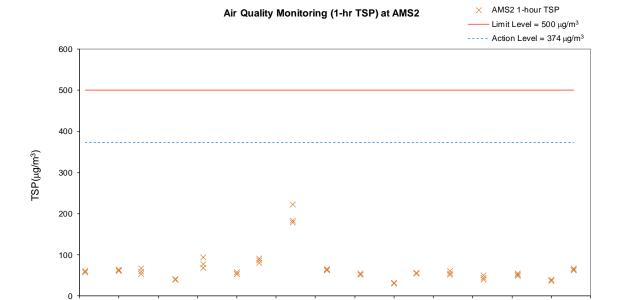
| Project | Contract | Station | Date | Parameter | Start Time | Result | Unit |
|---------|------------|---------------------------------------|-----------|-------------|------------|--------|--------------------|
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 06-Dec-18 | 1-hr TSP | 08:56 | 61 | μg/m³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 06-Dec-18 | 1-hr TSP | 11:02 | 52 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 06-Dec-18 | 1-hr TSP | 13:00 | 54 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 12-Dec-18 | 1-hr TSP | 09:08 | 39 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 12-Dec-18 | 1-hr TSP | 10:08 | 50 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 12-Dec-18 | 1-hr TSP | 11:08 | 44 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 18-Dec-18 | 1-hr TSP | 09:01 | 54 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 18-Dec-18 | 1-hr TSP | 10:01 | 51 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 18-Dec-18 | 1-hr TSP | 11:01 | 49 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 24-Dec-18 | 1-hr TSP | 08:56 | 36 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 24-Dec-18 | 1-hr TSP | 09:56 | 37 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 24-Dec-18 | 1-hr TSP | 10:56 | 39 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 28-Dec-18 | 1-hr TSP | 08:54 | 62 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 28-Dec-18 | 1-hr TSP | 10:00 | 63 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 28-Dec-18 | 1-hr TSP | 11:00 | 66 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 05-Dec-18 | 1-hr TSP | 08:03 | 45 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 05-Dec-18 | 1-hr TSP | 09:03 | 43 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 05-Dec-18 | 1-hr TSP | 10:03 | 49 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 11-Dec-18 | 1-hr TSP | 07:58 | 20 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 11-Dec-18 | 1-hr TSP | 08:58 | 20 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 11-Dec-18 | 1-hr TSP | 09:58 | 25 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 17-Dec-18 | 1-hr TSP | 08:01 | 22 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 17-Dec-18 | 1-hr TSP | 09:01 | 44 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 17-Dec-18 | 1-hr TSP | 10:01 | 46 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 22-Dec-18 | 1-hr TSP | 09:17 | 58 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 22-Dec-18 | 1-hr TSP | 10:17 | 48 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 22-Dec-18 | 1-hr TSP | 11:17 | 52 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 28-Dec-18 | 1-hr TSP | 08:05 | 49 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 28-Dec-18 | 1-hr TSP | 09:05 | 44 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 28-Dec-18 | 1-hr TSP | 10:05 | 42 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 05-Dec-18 | 1-hr TSP | 09:56 | 65 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 05-Dec-18 | 1-hr TSP | 10:56 | 59 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 05-Dec-18 | 1-hr TSP | 11:56 | 48 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 11-Dec-18 | 1-hr TSP | 09:44 | 38 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 11-Dec-18 | 1-hr TSP | 10:44 | 47 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 11-Dec-18 | 1-hr TSP | 11:44 | 47 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 17-Dec-18 | 1-hr TSP | 09:42 | 29 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 17-Dec-18 | 1-hr TSP | 10:42 | 23 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 17-Dec-18 | 1-hr TSP | 11:42 | 22 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 22-Dec-18 | 1-hr TSP | 08:26 | 60 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 22-Dec-18 | 1-hr TSP | 09:26 | 54 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 22-Dec-18 | 1-hr TSP | 10:26 | 61 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 28-Dec-18 | 1-hr TSP | 10:09 | 25 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 28-Dec-18 | 1-hr TSP | 11:09 | 34 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 28-Dec-18 | 1-hr TSP | 12:09 | 40 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 05-Dec-18 | 24-hr TSP | 08:00 | 74 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 11-Dec-18 | 24-hr TSP | 08:00 | 84 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 17-Dec-18 | 24-hr TSP | 08:00 | 83 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 21-Dec-18 | 24-hr TSP | 08:00 | 55 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS2 Tung Chung Development Pier | 27-Dec-18 | 24-hr TSP | 08:00 | 72 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 05-Dec-18 | 24-hr TSP | 08:11 | 52 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 11-Dec-18 | 24-hr TSP | 08:03 | 49 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 17-Dec-18 | 24-hr TSP | 12:34 | 77 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 22-Dec-18 | 24-hr TSP | 09:10 | 96 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS3C Ying Tung Estate Market Rooftop | 28-Dec-18 | 24-hr TSP | 08:07 | 75 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 05-Dec-18 | 24-hr TSP | 10:03 | 54 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 11-Dec-18 | 24-hr TSP | 09:55 | 165 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 17-Dec-18 | 24-hr TSP | 09:54 | 121 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 22-Dec-18 | 24-hr TSP | 08:33 | 114 | μg/m ³ |
| HKBCF | HY/2013/04 | AMS7B 3RS Site Office | 28-Dec-18 | 24-hr TSP | 10:07 | 103 | μg/m ³ |
| 111001 | L/2010/07 | , and a ditto ditto dilloc | _0 200 10 | _ 1 111 101 | 10.01 | .00 | μ9/ ¹¹¹ |



Remark: The air quality monitoring before 1 October 2018 was conducted by Contract No. HY/2013/01 "Hong Kong-Zhuhai-Macao Bridge HKBCF – Passenger Clearance Building". Please refer the monitoring results in September 2018 in the published Monthly EM&A Report for Contract No. HY/2013/01.

12-Nov-18

Date

26-Nov-18

19-Nov-18

03-Dec-18

10-Dec-18

17-Dec-18

24-Dec-18

01-Oct-18

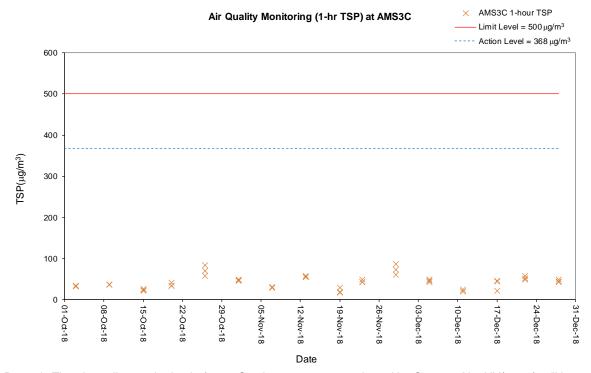
08-Oct-18

15-Oct-18

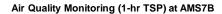
22-Oct-18

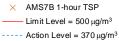
29-Oct-18

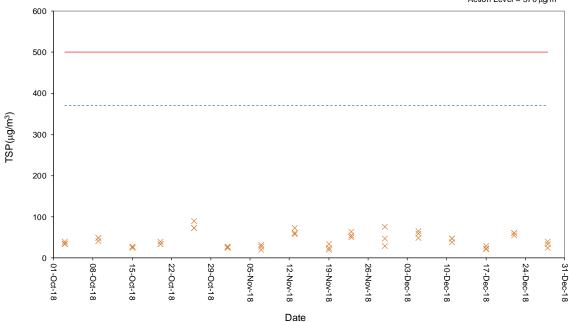
05-Nov-18



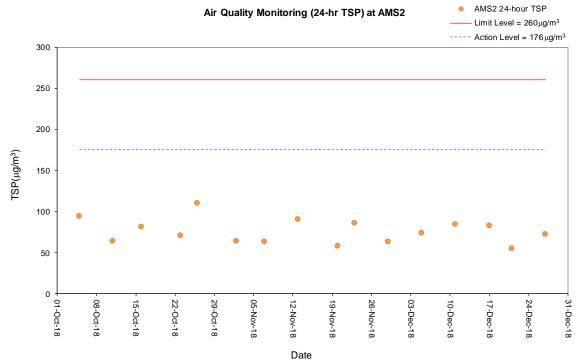
Remark: The air quality monitoring before 1 October 2018 was conducted by Contract No. HY/2013/01 "Hong Kong-Zhuhai-Macao Bridge HKBCF – Passenger Clearance Building". Please refer the monitoring results in September 2018 in the published Monthly EM&A Report for Contract No. HY/2013/01.



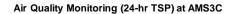




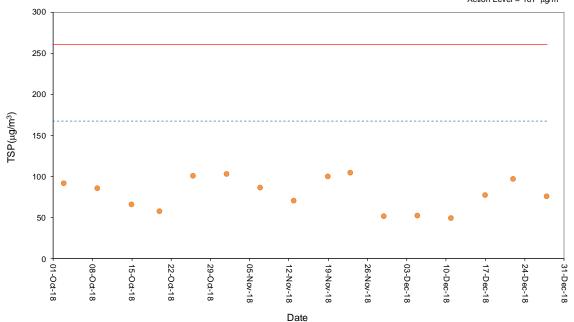
Remark: The air quality monitoring before 1 October 2018 was conducted by Contract No. HY/2013/01 "Hong Kong-Zhuhai-Macao Bridge HKBCF – Passenger Clearance Building". Please refer the monitoring results in September 2018 in the published Monthly EM&A Report for Contract No. HY/2013/01.



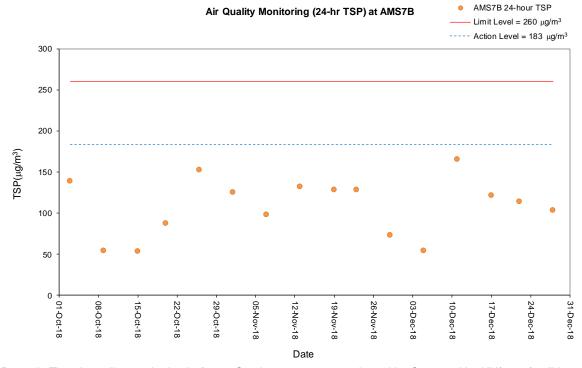
Remark: The air quality monitoring before 1 October 2018 was conducted by Contract No. HY/2013/01 "Hong Kong-Zhuhai-Macao Bridge HKBCF – Passenger Clearance Building". Please refer the monitoring results in September 2018 in the published Monthly EM&A Report for Contract No. HY/2013/01.







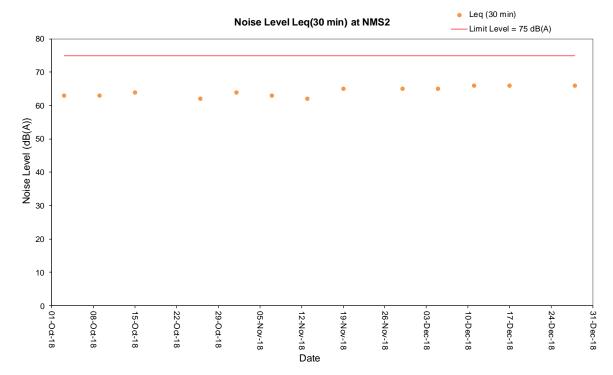
Remark: The air quality monitoring before 1 October 2018 was conducted by Contract No. HY/2013/01 "Hong Kong-Zhuhai-Macao Bridge HKBCF – Passenger Clearance Building". Please refer the monitoring results in September 2018 in the published Monthly EM&A Report for Contract No. HY/2013/01.



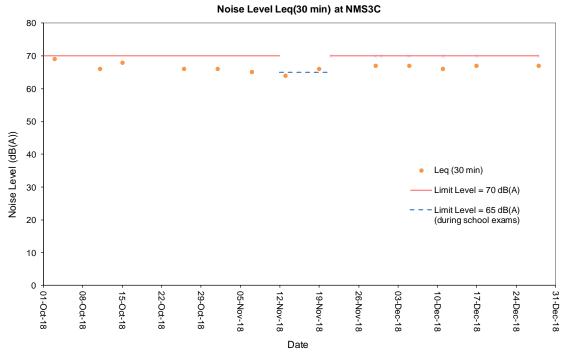
Remark: The air quality monitoring before 1 October 2018 was conducted by Contract No. HY/2013/01 "Hong Kong-Zhuhai-Macao Bridge HKBCF – Passenger Clearance Building". Please refer the monitoring results in September 2018 in the published Monthly EM&A Report for Contract No. HY/2013/01.

| | | | | | Noise Le | evel for 30 m | in, dB(A) | | | Facade / | |
|---------|------------|-----------|--|------------|----------|-----------------|-----------------|---------|-----------------|--------------|--------------------|
| Project | Contract | Date | Station | Start Time | L_{eq} | L ₁₀ | L ₉₀ | Weather | Wind Speed, m/s | Free Field | Limit Level, dB(A) |
| HKBCF | HY/2013/04 | 05-Dec-18 | NMS2 Seaview Crescent | 10:57 | 65 | 69 | 61 | Sunny | <5 | Facade | 75 |
| HKBCF | HY/2013/04 | 11-Dec-18 | NMS2 Seaview Crescent | 10:51 | 66 | 69 | 62 | Cloudy | <5 | Facade | 75 |
| HKBCF | HY/2013/04 | 17-Dec-18 | NMS2 Seaview Crescent | 10:45 | 66 | 68 | 62 | Sunny | <5 | Facade | 75 |
| HKBCF | HY/2013/04 | 28-Dec-18 | NMS2 Seaview Crescent | 10:58 | 66 | 69 | 61 | Fine | <5 | Facade | 75 |
| HKBCF | HY/2013/04 | 05-Dec-18 | NMS3C Ying Tung Estate Refuse Collection Point | 08:20 | 67 | 70 | 63 | Sunny | <5 | Free Field * | 70 |
| HKBCF | HY/2013/04 | 11-Dec-18 | NMS3C Ying Tung Estate Refuse Collection Point | 08:11 | 66 | 69 | 62 | Cloudy | <5 | Free Field * | 70 |
| HKBCF | HY/2013/04 | 17-Dec-18 | NMS3C Ying Tung Estate Refuse Collection Point | 08:09 | 67 | 70 | 63 | Sunny | <5 | Free Field * | 70 |
| HKBCF | HY/2013/04 | 28-Dec-18 | NMS3C Ying Tung Estate Refuse Collection Point | 08:29 | 67 | 70 | 64 | Fine | <5 | Free Field * | 70 |

Remark: * Free field measurent; noise level shown includes +3dB(A) correction factor



Remark: The noise monitoring before 1 October 2018 was conducted by Contract No. HY/2013/01 "Hong Kong-Zhuhai-Macao Bridge HKBCF – Passenger Clearance Building". Please refer the monitoring results in September 2018 in the published Monthly EM&A Report for Contract No. HY/2013/01.



Remark: The measured noise level on 19 November 2018 at NMS3C exceeded the noise Limit Level of 65 dB(A) during examination period at Ho Yu College but it was below the baseline level. Therefore, it is not considered as an exceedance. As such the Event and Action Plan was not triggered.

The noise monitoring before 1 October 2018 was conducted by Contract No. HY/2013/01 "Hong Kong-Zhuhai-Macao Bridge HKBCF – Passenger Clearance Building". Please refer the monitoring results in September 2018 in the published Monthly EM&A Report for Contract No. HY/2013/01.

| tract No. HY/201 | | | | | 1 | '/ | | | ater Quality Monito | ing Data | | | | | 1 | | | Page 1 c |
|----------------------|-------------|-------------|--------------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|----------|----------------|-----------|----------------------|----------------------|-----------------|-------------------------------------|------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 22.8 | 8.1 | 31.0 | 6.4 | 6.4 | 88.7 | 3.7 | 3.6 | 3.0 | 3.5 |
| | | | | | | | Surface | 2nd | 22.8 | 8.1 | 30.9 | 6.4 | | 88.7 | 3.3 | | 2.8 | |
| 2018-12-03 | Mid-Ebb | SR10A(N) | Fine | Moderate | 10:12 | 12.6 | Middle | 1st | 22.8 | 8.1 | 31.1 | 6.4 | | 88.3 | 3.8 | | 3.2 | |
| 2010 12 00 | 200 | 0.110/1(11) | 10 | moderate | 10.12 | 12.0 | Middle | 2nd | 22.8 | 8.1 | 31.1 | 6.4 | | 88.3 | 3.5 | | 3.4 | |
| | | | | | | | Bottom | 1st | 22.8 | 8.1 | 31.1 | 6.4 | 6.4 | 88.9 | 3.7 | | 4.4 | |
| | | | | | | | Bottom | 2nd | 22.8 | 8.1 | 31.1 | 6.4 | | 88.8 | 3.3 | | 4.4 | |
| | | | | | | | Surface | 1st | 22.8 | 8.1 | 31.0 | 6.4 | 6.4 | 89.1 | 4.3 | 4.3 | 4.4 | 4.3 |
| | | | | | | | Surface | 2nd | 22.8 | 8.1 | 31.0 | 6.4 | 4 | 89.1 | 4.0 | | 4.7 | |
| 2018-12-03 | Mid-Ebb | SR10B(N2) | Fine | Moderate | 10:17 | 5.9 | Middle | 1st | - | - | - | - | | - | - | | - | |
| | | 1 | | | | | Middle | 2nd | 22.8 | 8.1 | 31.0 | 6.4 | 6.4 | 89.3 | 4.6 | | 3.9 | |
| | | | | | | | Bottom Bottom | 1st 2nd | 22.8 | 8.1 | 31.0 | 6.4 | 6.4 | 89.3 | 4.6 | | 4.0 | |
| | | | | | | | Surface | 1st | 23.2 | 8.0 | 30.2 | 6.4 | 6.4 | 88.4 | 6.3 | 8.7 | 3.5 | 5.3 |
| | | | | | | | Surface | 2nd | 23.1 | 8.0 | 30.2 | 6.5 | 0.4 | 90.4 | 6.3 | 0.7 | 3.7 | 5.5 |
| | | | | | | | Middle | 1st | 23.2 | 8.0 | 30.7 | 6.3 | | 87.4 | 6.6 | • | 5.3 | 1 |
| 2018-12-03 | Mid-Ebb | CSA | Fine | Moderate | 9:43 | 32.5 | Middle | 2nd | 23.1 | 8.0 | 30.7 | 6.4 | | 89.5 | 6.5 | | 5.9 | |
| | | | | | | | Bottom | 1st | 23.2 | 8.0 | 30.8 | 6.3 | 6.4 | 87.8 | 13.3 | | 6.7 | |
| | | | | | | | Bottom | 2nd | 23.1 | 8.0 | 30.6 | 6.5 | 0.4 | 90.1 | 13.2 | | 6.9 | |
| | | | | | | | Surface | 1st | 23.3 | 8.0 | 30.1 | 6.5 | 6.5 | 89.8 | 5.3 | 7.3 | 4.0 | 4.9 |
| | | | | | | | Surface | 2nd | 23.3 | 8.0 | 29.9 | 6.6 | 0.0 | 91.8 | 5.3 | 1.0 | 3.9 | 4.0 |
| | | | | | | | Middle | 1st | 23.2 | 8.0 | 30.5 | 6.3 | 1 | 87.8 | 6.8 | | 5.4 | |
| 2018-12-03 | Mid-Ebb | CS6 | Fine | Moderate | 9:36 | 10.2 | Middle | 2nd | 23.2 | 8.0 | 30.3 | 6.5 | 1 | 89.8 | 6.8 | | 4.8 | |
| | | | | | | | Bottom | 1st | 23.2 | 8.0 | 30.7 | 6.4 | 6.5 | 88.9 | 9.7 | | 5.8 | |
| | | | | | | | Bottom | 2nd | 23.2 | 8.0 | 30.5 | 6.5 | 0.5 | 91.0 | 9.7 | | 5.6 | |
| | | | | | | | Surface | 1st | 23.2 | 8.0 | 28.7 | 6.6 | 6.7 | 90.8 | 7.5 | 7.6 | 5.6 | 5.1 |
| | | | | | | | Surface | 2nd | 23.2 | 8.0 | 28.5 | 6.7 | 0.7 | 92.9 | 7.6 | 7.0 | 5.1 | 3.1 |
| | | | | | | | Middle | 1st | 23.2 | 8.0 | 29.1 | 6.6 | 1 | 91.1 | 7.7 | | 5.4 | |
| 2018-12-03 | Mid-Ebb | CS4 | Fine | Moderate | 8:44 | 16.5 | Middle | 2nd | 23.2 | 8.0 | 28.9 | 6.8 | | 93.2 | 7.6 | | 5.4 | 1 |
| | | | | | | | Bottom | 1st | 23.2 | 8.0 | 29.1 | 6.6 | 6.7 | 91.4 | 7.7 | | 4.4 | |
| | | | | | | | Bottom | 2nd | 23.2 | 8.0 | 29.0 | 6.8 | 0.7 | 93.6 | 7.7 | | 4.8 | |
| | | | | | | | Surface | 1st | 23.1 | 8.0 | 30.0 | 6.7 | 6.8 | 92.9 | 7.4 | 8.0 | 5.3 | 6.8 |
| | | | | | | | Surface | 2nd | 23.0 | 7.9 | 29.6 | 6.9 | 0.0 | 94.9 | 7.5 | 0.0 | 5.7 | 0.0 |
| | | | | | | | Middle | 1st | - | | - | - | | - | | | - | |
| 2018-12-03 | Mid-Ebb | SR6 | Fine | Moderate | 8:15 | 4.4 | Middle | 2nd | _ | | _ | _ | 1 | | - | | | |
| | | | | | | | Bottom | 1st | 23.1 | 8.0 | 30.1 | 6.7 | 6.8 | 93.1 | 8.2 | | 8.3 | |
| | | | | | | | Bottom | 2nd | 23.0 | 7.9 | 29.8 | 6.9 | 0.0 | 95.1 | 8.8 | | 7.8 | |
| | | | | | | | Surface | 1st | 23.2 | 7.9 | 28.3 | 6.6 | 6.7 | 90.6 | 6.1 | 9.7 | 4.8 | 5.2 |
| | | | | | | | Surface | 2nd | 23.1 | 8.0 | 28.5 | 6.8 | 0.7 | 93.1 | 6.4 | 0.7 | 5.2 | 0.2 |
| | | | | | | | Middle | 1st | 23.2 | 7.8 | 29.6 | 6.6 | | 91.4 | 11.7 | | 5.0 | |
| 2018-12-03 | Mid-Ebb | CS(Mf)3(N) | Fine | Moderate | 8:31 | 7.4 | Middle | 2nd | 23.1 | 7.9 | 29.4 | 6.8 | | 93.6 | 11.0 | | 4.5 | |
| | | | | | | | Bottom | 1st | 23.2 | 7.9 | 29.4 | 6.6 | 6.7 | 91.5 | 11.8 | | 5.9 | |
| | | | | | | | Bottom | 2nd | 23.1 | 7.9 | 29.3 | 6.8 | 0 | 93.7 | 11.4 | | 5.7 | |
| | | | | | | | Surface | 1st | 23.1 | 8.0 | 29.2 | 6.6 | 6.7 | 91.3 | 6.9 | 7.0 | 5.3 | 4.8 |
| | | | | | | | Surface | 2nd | 23.1 | 8.0 | 29.0 | 6.8 | | 93.3 | 6.7 | 1 | 5.3 | |
| | | | | | | | Middle | 1st | 23.2 | 8.0 | 29.5 | 6.6 | | 91.1 | 7.1 | | 3.8 | |
| 2018-12-03 | Mid-Ebb | SR5(N) | Fine | Moderate | 9:02 | 9.4 | Middle | 2nd | 23.1 | 8.0 | 29.4 | 6.7 | | 93.3 | 7.1 | | 4.3 | |
| | | | | | | | Bottom | 1st | 23.2 | 8.0 | 29.6 | 6.6 | 6.7 | 91.3 | 7.1 | 1 | 4.9 | |
| | | | | 1 | | | Bottom | 2nd | 23.1 | 8.0 | 29.4 | 6.8 | 1 ! | 93.5 | 7.1 | 1 | 5.3 | 1 |
| | | | | | | | Surface | 1st | 23.2 | 8.0 | 29.3 | 6.5 | 6.5 | 89.9 | 4.1 | 7.4 | 5.0 | 5.0 |
| | | | | | | | Surface | 2nd | 23.2 | 8.0 | 29.1 | 6.7 | 1 | 92.0 | 4.4 | 1 | 4.6 | 1 |
| 0040 40 00 | NAC A FEE | 1040(1) | - : | Madana | 0.00 | 40.0 | Middle | 1st | 23.2 | 8.0 | 29.8 | 6.4 | | 88.3 | 8.8 | 1 | 4.6 | |
| 2018-12-03 | Mid-Ebb | IS10(N) | Fine | Moderate | 9:06 | 12.6 | Middle | 2nd | 23.2 | 8.0 | 29.6 | 6.5 | | 90.4 | 8.8 | 1 | 5.4 | |
| | | | | | | | Bottom | 1st | 23.2 | 8.0 | 29.9 | 6.4 | 6.5 | 88.8 | 9.2 | 1 | 5.1 | 1 |
| | | | | Ì | | | Bottom | 2nd | 23.2 | 8.0 | 29.7 | 6.6 |] | 91.0 | 9.2 | 1 | 5.1 | 1 |
| | | | | | | | Surface | 1st | 23.2 | 8.0 | 29.8 | 6.4 | 6.5 | 88.9 | 4.4 | 6.9 | 6.0 | 5.8 |
| | | | | 1 | | | Surface | 2nd | 23.2 | 8.0 | 29.6 | 6.6 |] | 91.0 | 4.4 | 1 | 6.5 | 1 |
| 2018-12-03 | Mid-Ebb | IC/Mf\14 | Fine | Moderate | 9:11 | 11.2 | Middle | 1st | 23.2 | 8.0 | 29.9 | 6.4 |] | 88.8 | 7.2 | 1 | 4.9 | 1 |
| 2018-12-03 | IVIIU-EDD | IS(Mf)11 | Fine | woderate | 9:11 | 11.2 | Middle | 2nd | 23.2 | 8.0 | 29.7 | 6.6 | | 91.0 | 7.3 | | 5.7 | 1 |
| | | | | | | | Bottom | 1st | 23.2 | 8.0 | 29.9 | 6.4 | 6.5 | 89.2 | 9.0 | 1 | 5.9 | 1 |
| | | | | | | | Bottom | 2nd | 23.2 | 8.0 | 29.7 | 6.6 | 1 | 91.4 | 9.0 | 1 | 5.6 | 1 |
| | 1 | | 1 | | | | Surface | 1st | 22.8 | 8.1 | 30.3 | 6.3 | 6.3 | 87.8 | 4.1 | 4.1 | 12.1 | 11.1 |
| | | | | Ì | | | Surface | 2nd | 22.8 | 8.1 | 30.1 | 6.4 |] | 88.3 | 3.8 | 1 | 11.7 | 1 |
| 0040 40 00 | A 41 4 -1 1 | 00/110- | ļ <u>-</u> . | NA. d | 0.10 | 46.5 | Middle | 1st | 22.8 | 8.1 | 31.1 | 6.2 | 1 | 86.6 | 3.9 | 1 | 11.8 | 1 |
| 2018-12-03 | Mid-Ebb | CS(Mf)5 | Fine | Moderate | 9:43 | 12.3 | Middle | 2nd | 22.8 | 8.1 | 31.1 | 6.2 | 1 ! | 86.6 | 3.5 | 1 | 11.1 | 1 |
| | 1 | 1 |] | Ì | | | Bottom | 1st | 22.8 | 8.1 | 31.3 | 6.2 | 6.2 | 86.7 | 4.9 | 1 | 9.6 | 1 |
| | | | | | | | | | | 8.1 | | 6.2 | | | | | | |

| tract No. HY/201 | 13/04 HZMB F | HKBCF – Infrasi | ructure vvork | is Stage II (So | utnern Portior | 1) | T | VV | ater Quality Monito | ring Data | 1 | | 1 | 1 | 1 | 1 | T | Page 2 |
|----------------------|--------------|-----------------|---------------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|----------------------|-----------------|-------------------------------------|------------|-------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | SS | SS (mg/L) (depth averaged) |
| | | | | | | | Surface | 1st | 23.2 | 8.0 | 29.8 | 6.4 | 6.5 | 88.7 | 9.3 | 9.8 | 4.9 | 4.8 |
| | | | | | | | Surface | 2nd | 23.2 | 8.0 | 29.7 | 6.5 | | 90.8 | 9.3 | | 4.7 | |
| 2018-12-03 | Mid-Ebb | SR7 | Fine | Moderate | 9:17 | 4.3 | Middle Middle | 1st 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.2 | 8.0 | 29.9 | 6.4 | 6.5 | 88.6 | 10.2 | | 5.2 | |
| | | | | | | | Bottom | 2nd | 23.2 | 8.0 | 29.7 | 6.5 | 0.5 | 90.8 | 10.4 | - | 4.5 | |
| | | | | | | | Surface | 1st | 22.9 | 8.1 | 29.9 | 6.5 | 6.5 | 89.4 | 8.4 | 8.0 | 7.3 | 7.7 |
| | | | | | | | Surface | 2nd | 22.9 | 8.1 | 29.9 | 6.5 | | 89.5 | 8.0 | | 6.8 | 1 |
| 2018-12-03 | Mid-Ebb | IS17 | Fine | Moderate | 9:25 | 9.9 | Middle | 1st | 22.9 | 8.1 | 30.2 | 6.4 | | 88.2 | 8.3 | | 7.8 | |
| 2010-12-03 | WIIG-EDD | 1317 | 1 1116 | Woderate | 9.23 | 5.5 | Middle | 2nd | 22.9 | 8.1 | 30.2 | 6.4 | | 88.3 | 8.0 | | 7.2 | |
| | | | | | | | Bottom | 1st | 22.8 | 8.1 | 30.7 | 6.3 | 6.3 | 87.6 | 7.9 | | 8.3 | |
| | | | | | | | Bottom | 2nd | 22.8 | 8.1 | 30.7 | 6.3 | | 87.5 | 7.4 | | 8.5 | |
| | | | | | | | Surface | 1st 2nd | 22.8 22.8 | 8.1 8.1 | 29.6 29.6 | 6.7 6.7 | 6.7 | 92.2 92.3 | 5.7 5.2 | 9.1 | 6.1 5.7 | 6.1 |
| | | | | | | | Surface Middle | 1st | - 22.8 | - 8.1 | 29.6 | 6.7 | - | 92.3 | 5.2 | 4 | 5.7 | |
| 2018-12-03 | Mid-Ebb | IS(Mf)16 | Fine | Moderate | 9:18 | 5.9 | Middle | 2nd | - | | - | | 1 | - | - | | - | |
| | | | | | | | Bottom | 1st | 22.8 | 8.1 | 29.9 | 6.5 | 6.5 | 90.1 | 13.0 | - | 5.9 | |
| | | | | | | | Bottom | 2nd | 22.8 | 8.1 | 29.9 | 6.5 | 0.0 | 90.1 | 12.4 | | 6.5 | |
| | | | | | | | Surface | 1st | 22.9 | 8.1 | 29.9 | 6.8 | 6.8 | 93.7 | 5.4 | 5.4 | 4.0 | 4.3 |
| | | | | | | | Surface | 2nd | 22.9 | 8.1 | 29.9 | 6.8 | | 93.7 | 4.9 | | 4.7 | |
| 2018-12-03 | Mid-Ebb | IS8 | Fine | Calm | 8:57 | 3.7 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010-12-03 | WIIG-EDD | 100 | 1 1116 | Caiiii | 0.57 | 5.7 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 22.9 | 8.1 | 30.0 | 6.8 | 6.8 | 94.2 | 5.7 | | 4.0 | |
| | | | | | | | Bottom | 2nd | 22.9 | 8.1 | 30.0 | 6.8 | | 94.0 | 5.4 | | 4.3 | |
| | | | | | | | Surface | 1st | 22.9 | 8.1 | 29.9 | 6.8 | 6.8 | 93.3 | 4.7 | 4.6 | 4.3 | 4.4 |
| | | | | | | | Surface Middle | 2nd 1st | 22.9 | 8.1 | 29.9 | 6.8 | | 93.2 | 4.4 | | 4.3 | |
| 2018-12-03 | Mid-Ebb | SR4(N) | Fine | Calm | 9:02 | 4.2 | Middle | 2nd | - | - | - | - | 1 | - | - | - | - | |
| | | | | | | | Bottom | 1st | 22.9 | 8.1 | 29.9 | 6.9 | 6.9 | 95.2 | 4.7 | | 4.3 | |
| | | | | | | | Bottom | 2nd | 22.9 | 8.1 | 29.9 | 6.9 | 0.5 | 94.9 | 4.4 | - | 4.6 | |
| | | | | | | | Surface | 1st | 22.8 | 8.1 | 30.0 | 6.7 | 6.7 | 92.0 | 5.4 | 6.5 | 6.8 | 6.0 |
| | | | | | | | Surface | 2nd | 22.8 | 8.1 | 30.0 | 6.7 | | 92.0 | 5.0 | | 6.7 | |
| 2018-12-03 | Mid-Ebb | IS(Mf)9 | Fine | Calm | 8:49 | 3.4 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010-12-03 | WIIG-EDD | 13(111)9 | Fille | Califi | 0.49 | 3.4 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 22.8 | 8.1 | 30.0 | 6.8 | 6.8 | 94.4 | 8.2 | | 5.2 | |
| | | | | | | | Bottom | 2nd | 22.8 | 8.1 | 30.0 | 6.8 | | 93.8 | 7.5 | | 5.4 | |
| | | | | | | | Surface | 1st | - | - | - | - | 6.9 | - | - | 4.2 | - | 7.8 |
| | | | | | | | Surface | 2nd | 22.9 | 8.1 | 30.0 | 6.9 | | 94.7 | - | 4 | 7.8 | |
| 2018-12-03 | Mid-Ebb | IS7 | Fine | Calm | 8:42 | 2.9 | Middle Middle | 1st 2nd | 22.9 | 8.1 | 30.0 | 6.8 | 1 | 94.7 | 4.4 | - | 7.8 | |
| | | | | | | | Bottom | 1st | - | - 0.1 | 30.0 | - | | - | - | - | - | |
| | | | | | | | Bottom | 2nd | - | - | - | - | 1 | - | - | | _ | |
| | | | | | | | Surface | 1st | - | - | - | - | 6.9 | - | - | 10.6 | - | 7.1 |
| | | | | | | | Surface | 2nd | - | - | - | • | | - | - | | - | |
| 2018-12-03 | Mid-Ebb | IS(Mf)6 | Fine | Calm | 8:32 | 2.6 | Middle | 1st | 23.0 | 8.1 | 30.2 | 6.9 | | 95.2 | 11.1 | | 7.4 | |
| 2010-12-03 | WIIG-EDD | 10(1111)0 | 1 1116 | Caiiii | 0.32 | 2.0 | Middle | 2nd | 23.0 | 8.1 | 30.2 | 6.8 | | 94.8 | 10.1 | | 6.8 | |
| | | | | | | | Bottom | 1st | - | - | - | - | - | - | - | | - | |
| | + | | | 1 | 1 | 1 | Bottom | 2nd | - | - 0.4 | - | - | 0.0 | - | - | F 2 | - | |
| | 1 | | | | | | Surface | 1st | 23.0 | 8.1 | 30.2 | 6.6 | 6.6 | 92.0 | 5.8 | 5.9 | 5.5 | 6.5 |
| | 1 | | | | | | Surface Middle | 2nd 1st | 23.0 23.0 | 8.1 8.1 | 30.2 30.2 | 6.6 6.6 | - | 92.0 91.9 | 5.5 5.9 | 4 | 5.8 6.5 | |
| 2018-12-03 | Mid-Ebb | IS5 | Fine | Calm | 8:21 | 9.2 | Middle | 2nd | 23.0 | 8.1 | 30.2 | 6.6 | 1 | 92.0 | 5.4 | - | 6.7 | |
| | | | | | | | Bottom | 1st | 23.0 | 8.1 | 30.3 | 6.7 | 6.7 | 93.6 | 7.1 | | 7.1 | |
| | | | | | | | Bottom | 2nd | 23.0 | 8.1 | 30.3 | 6.7 | 0.7 | 93.4 | 5.8 | | 7.2 | |
| | 1 | | | | | | Surface | 1st | 23.0 | 8.1 | 30.3 | 6.6 | 6.6 | 91.2 | 6.6 | 6.4 | 5.2 | 5.2 |
| | 1 | | | | | | Surface | 2nd | 23.0 | 8.1 | 30.3 | 6.6 | 1 | 91.2 | 6.4 | 1 | 5.6 | 1 |
| 2018-12-03 | Mid-Ebb | SR3(N) | Fine | Calm | 8:15 | 3.6 | Middle | 1st | - | - | - | - |] | - | - | | - | |
| 2010-12-03 | WIIG-LDD | SINS(IN) | 1 1110 | Callii | 0.13 | 3.0 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.0 | 8.2 | 30.3 | 6.6 | 6.6 | 91.6 | 6.5 | | 4.9 | |
| | 1 | | | | | 1 | Bottom | 2nd | 23.0 | 8.1 | 30.3 | 6.6 | ļ | 91.5 | 6.1 | | 4.9 | |
| | | | | | | | Surface | 1st | 22.8 | 8.1 | 30.3 | 6.6 | 6.6 | 90.7 | 4.4 | 4.3 | 3.7 | 4.6 |
| | 1 | | | | | | Surface | 2nd | 22.8 | 8.1 | 30.3 | 6.6 | 1 | 90.8 | 4.1 | 4 | 3.7 | |
| | | | | | | | Middle | 1st | 22.8 | 8.1 | 30.5 | 6.5 | 1 | 90.1 | 4.4 | 1 | 4.8 | 1 |
| 2018-12-03 | Mid-Flood | SR10A(N) | Cloudy | Moderate | 2:51 | 11.3 | | | | 0.1 | 20 E | G E | 1 | 00.3 | 4.1 | 1 | | |
| 2018-12-03 | Mid-Flood | SR10A(N) | Cloudy | Moderate | 2:51 | 11.3 | Middle Bottom | 2nd 1st | 22.8 22.8 | 8.1 8.1 | 30.5 30.9 | 6.5 6.5 | 6.5 | 90.2 90.0 | 4.1 4.5 | 1 | 4.5 5.2 | |

| ntract No. HY/201 | 3/04 HZIVIB F | INDOF - IIIIIasi | ructure work | is olage ii (oo | directi i ortion | '/ | 1 | ** | ater Quality Monito | illig Data | | | | | | | | Page 3 o |
|----------------------|---------------|------------------|--------------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|-------------------|-----------------|-------------------------------------|------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 22.8 | 8.1 | 31.4 | 6.3 | 6.3 | 88.1 | 4.7 | 4.6 | 2.5 | 3.3 |
| | | | | | | | Surface | 2nd | 22.8 | 8.1 | 31.4 | 6.3 | | 88.1 | 4.5 | | 2.9 | |
| 2018-12-03 | Mid-Flood | SR10B(N2) | Cloudy | Moderate | 2:58 | 5.8 | Middle Middle | 1st 2nd | - | - | - | - | | - | - | | - | 4 |
| | | | | | | | Bottom | 1st | 22.8 | 8.1 | 31.5 | 6.4 | 6.4 | 89.3 | 4.8 | | 3.5 | 1 |
| | | | | | | | Bottom | 2nd | 22.8 | 8.1 | 31.5 | 6.4 | 0.4 | 89.0 | 4.5 | | 4.1 | 1 |
| | | | | | | | Surface | 1st | 23.2 | 7.9 | 29.9 | 6.5 | 6.5 | 90.7 | 7.7 | 7.5 | 4.8 | 5.2 |
| | | | | | | | Surface | 2nd | 23.3 | 7.9 | 30.1 | 6.4 | | 88.6 | 7.6 | | 5.5 | |
| 2018-12-03 | Mid-Flood | CSA | Fine | Moderate | 2:14 | 33.0 | Middle | 1st | 23.2 | 7.9 | 29.9 | 6.5 | | 90.6 | 7.6 | | 5.0 | |
| 2010 12 00 | Wild 1 lood | 00/1 | 1 1110 | Wioderate | 2.17 | 00.0 | Middle | 2nd | 23.3 | 7.9 | 30.1 | 6.4 | | 88.5 | 7.2 | | 5.4 | |
| | | | | | | | Bottom | 1st | 23.2 | 7.9 | 29.9 | 6.5 | 6.5 | 90.6 | 7.6 | | 5.0 | |
| | | | | - | | | Bottom Surface | 2nd 1st | 23.3 23.2 | 7.9 8.0 | 30.1 29.8 | 6.4 | 6.4 | 88.5 90.6 | 7.2 7.3 | 6.9 | 5.4 5.3 | 5.5 |
| | | | | | | | Surface | 2nd | 23.2 | 8.0 | 30.0 | 6.4 | 6.4 | 88.5 | 7.0 | 6.9 | 5.5 | 5.5 |
| | | | | | | | Middle | 1st | 23.2 | 8.0 | 29.9 | 6.5 | | 90.5 | 7.0 | | 5.8 | 1 |
| 2018-12-03 | Mid-Flood | CS6 | Fine | Moderate | 2:19 | 9.7 | Middle | 2nd | 23.3 | 8.0 | 30.2 | 6.3 | | 88.3 | 6.6 | | 5.5 | 1 |
| | | | | | | | Bottom | 1st | 23.2 | 8.0 | 30.0 | 6.5 | 6.4 | 90.6 | 6.9 | | 5.2 | 1 |
| | | | | | | | Bottom | 2nd | 23.3 | 8.0 | 30.2 | 6.3 | | 88.4 | 6.5 | | 5.5 | |
| | | | | | | | Surface | 1st | 23.3 | 8.0 | 28.6 | 6.7 | 6.6 | 92.1 | 8.3 | 7.9 | 6.3 | 6.0 |
| | | | | | | | Surface | 2nd | 23.3 | 8.1 | 28.8 | 6.5 | | 89.9 | 7.4 | | 6.1 | |
| 2018-12-03 | Mid-Flood | CS4 | Fine | Moderate | 3:12 | 16.4 | Middle | 1st | 23.2 | 8.0 | 29.0 | 6.7 | | 92.2 | 8.3 | | 5.9 | |
| | | | | | | | Middle Bottom | 2nd | 23.3 23.2 | 8.1 | 29.2 | 6.5 | 0.0 | 89.9 | 7.3 | | 5.7 6.1 | |
| | | | | | | | Bottom | 1st 2nd | 23.2 | 8.0 8.1 | 29.4 29.7 | 6.7 6.5 | 6.6 | 92.8 90.4 | 8.2 7.6 | | 5.9 | 1 |
| | | | | | | | Surface | 1st | 23.1 | 8.0 | 29.0 | 6.9 | 6.8 | 94.7 | 12.8 | 13.6 | 8.9 | 9.2 |
| | | | | | | | Surface | 2nd | 23.1 | 8.1 | 29.1 | 6.7 | 0.0 | 92.3 | 12.7 | 10.0 | 9.1 | 3.2 |
| 0040 40 00 | Maid Election | SR6 | F: | Mandanata | 0.44 | | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2018-12-03 | Mid-Flood | SKb | Fine | Moderate | 3:41 | 4.4 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.1 | 8.0 | 29.4 | 6.9 | 6.8 | 95.9 | 14.4 | | 8.8 | |
| | | | | | | | Bottom | 2nd | 23.1 | 8.1 | 29.7 | 6.7 | | 93.0 | 14.3 | | 9.8 | |
| | | | | | | | Surface | 1st | 23.2 | 7.9 | 28.4 | 6.7 | 6.7 | 92.5 | 10.2 | 14.2 | 6.6 | 7.5 |
| | | | | | | | Surface Middle | 2nd 1st | 23.3 23.2 | 8.0 7.9 | 28.6 28.6 | 6.5 6.8 | | 90.2 93.0 | 10.2 10.2 | | 6.7 6.8 | |
| 2018-12-03 | Mid-Flood | CS(Mf)3(N) | Fine | Moderate | 3:24 | 7.3 | Middle | 2nd | 23.2 | 8.0 | 28.6 | 6.6 | | 93.0 | 10.2 | | 7.2 | 4 |
| | | | | | | | Bottom | 1st | 23.2 | 7.9 | 28.6 | 6.8 | 6.7 | 93.4 | 22.2 | | 8.7 | 1 |
| | | | | | | | Bottom | 2nd | 23.2 | 8.0 | 28.8 | 6.6 | 0.7 | 91.0 | 22.3 | | 9.2 | 1 |
| | | | | | | | Surface | 1st | 23.2 | 8.0 | 29.2 | 6.7 | 6.7 | 93.2 | 8.1 | 8.4 | 4.3 | 5.6 |
| | | | | | | | Surface | 2nd | 23.3 | 8.1 | 29.4 | 6.5 | | 90.8 | 7.5 | | 4.9 | |
| 2018-12-03 | Mid-Flood | SR5(N) | Fine | Moderate | 2:55 | 9.2 | Middle | 1st | 23.2 | 8.0 | 29.6 | 6.8 | | 93.8 | 9.0 | | 5.8 | |
| 2010-12-03 | Wild-I 100d | 01(3(14) | 1 1116 | Woderate | 2.55 | 3.2 | Middle | 2nd | 23.3 | 8.1 | 29.8 | 6.6 | | 91.3 | 8.4 | | 5.2 | |
| | | | | | | | Bottom | 1st | 23.2 | 8.0 | 29.6 | 6.8 | 6.8 | 94.9 | 9.0 | | 6.7 | |
| | | | | - | | | Bottom Surface | 2nd 1st | 23.3 23.2 | 8.1 8.0 | 29.8 29.4 | 6.8 6.8 | 6.7 | 93.8 93.9 | 8.1 8.5 | 11.2 | 6.7 4.6 | 6.5 |
| | | | | | | | Surface | 2nd | 23.2 | 8.0 | 29.4 | 6.7 | 6.7 | 93.9 | 8.4 | 11.2 | 4.6 | 6.5 |
| | | | | | | | Middle | 1st | 23.2 | 8.0 | 29.7 | 6.8 | | 93.8 | 12.6 | | 6.7 | 1 |
| 2018-12-03 | Mid-Flood | IS10(N) | Fine | Moderate | 2:50 | 12.6 | Middle | 2nd | 23.3 | 8.1 | 29.9 | 6.6 | | 91.5 | 12.5 | | 7.4 | 1 |
| | | | | | | | Bottom | 1st | 23.2 | 8.0 | 29.6 | 6.8 | 6.7 | 93.4 | 12.9 | | 7.1 | |
| | | | | | | | Bottom | 2nd | 23.3 | 8.1 | 29.8 | 6.6 | | 92.4 | 12.1 | | 8.7 | |
| | | | | | | | Surface | 1st | 23.2 | 8.0 | 29.2 | 6.8 | 6.7 | 94.5 | 8.6 | 8.7 | 8.3 | 7.2 |
| | | | | | | | Surface | 2nd | 23.2 | 8.0 | 29.4 | 6.6 | | 92.1 | 8.9 | | 8.2 | |
| 2018-12-03 | Mid-Flood | IS(Mf)11 | Fine | Moderate | 2:45 | 11.2 | Middle | 1st | 23.2 | 8.0 | 29.2 | 6.8 | | 94.6 92.2 | 8.5 | | 6.7 | |
| | | | | | | | Middle Bottom | 2nd 1st | 23.2 23.2 | 8.0 | 29.4 29.2 | 6.7 6.9 | 6.8 | 95.2 | 8.9 8.4 | | 6.6 7.0 | 4 |
| | | | | | | | Bottom | 2nd | 23.2 | 8.0 | 29.2 | 6.7 | 0.0 | 92.5 | 8.6 | | 6.5 | |
| | | | | | | | Surface | 1st | 22.9 | 8.1 | 29.8 | 6.6 | 6.6 | 90.9 | 5.1 | 6.1 | 3.2 | 4.6 |
| | | | | | | | Surface | 2nd | 22.9 | 8.1 | 29.8 | 6.6 |] | 91.0 | 4.7 | | 3.8 | 1 |
| 2018-12-03 | Mid-Flood | CS(Mf)5 | Cloudy | Moderate | 3:27 | 12.1 | Middle | 1st | 22.8 | 8.1 | 30.0 | 6.5 |] | 89.9 | 5.8 | | 4.5 |] |
| 2010-12-03 | iviiu-Fi000 | Co(IVII)O | Cloudy | iviouerate | 3.21 | 12.1 | Middle | 2nd | 22.8 | 8.1 | 30.0 | 6.5 | | 90.0 | 5.6 | | 4.2 | |
| | | | | | | | Bottom | 1st | 22.8 | 8.1 | 31.0 | 6.4 | 6.4 | 88.2 | 7.7 | | 6.2 | 1 |
| | | | | | | 1 | Bottom | 2nd | 22.8 | 8.1 | 31.0 | 6.3 | | 87.9 | 7.6 | | 5.6 | |
| | | | | | | | Surface | 1st | 23.2 | 8.0 | 29.4 | 6.7 | 6.6 | 92.8 | 9.1 | 9.3 | 5.5 | 5.8 |
| | | | | 1 | | | Surface | 2nd | 23.2 | 8.0 | 29.5 | 6.5 | - | 90.1 | 9.4 | | 5.6 | 4 |
| 2018-12-03 | Mid-Flood | SR7 | Fine | Moderate | 2:38 | 4.3 | Middle Middle | 1st 2nd | - | | - | - | 1 | - | - | | - | 1 |
| | 1 | | l | 1 | 1 | 1 | | 2nd 1st | 23.2 | 8.0 | 29.4 | 6.7 | 6.7 | 93.3 | 9.1 | | 6.1 | 1 |
| | | | | | | | Bottom | | | | | | | | | | h i | |

| | | HKBCF – Infrasi | | | | '/ | 1 | | ater Quality Monito | mig Data | | | | | | 1 | | Page 4 o |
|----------------------|-----------|-----------------|----------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|-------------|--|----------------------|-----------------|-------------------------------------|-----|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 23.0 | 8.1 | 29.7 | 6.7 | 6.6 | 92.2 | 5.4 | 6.0 | 5.9 | 5.5 |
| | | | | | | | Surface | 2nd | 23.0 | 8.1 | 29.6 | 6.7 | | 92.4 | 5.1 | | 5.3 | |
| 2018-12-03 | Mid-Flood | IS17 | Cloudy | Moderate | 3:46 | 9.6 | Middle | 1st | 22.9 | 8.1 | 29.9 | 6.5 | | 90.2 | 6.3 | | 5.8 | |
| 20.0 .2 00 | | | o.ouu, | moderate | 0.10 | 0.0 | Middle | 2nd | 22.9 | 8.1 | 29.9 | 6.5 | | 90.3 | 6.1 | | 5.3 | |
| | | | | | | | Bottom | 1st | 22.8 | 8.1 | 30.0 | 6.5 | 6.5 | 90.1 | 6.7 | | 5.2 | |
| | | | | | | | Bottom | 2nd | 22.8 | 8.1 | 30.0 | 6.5 | | 90.1 | 6.3 | | 5.4 | |
| | | | | | | | Surface | 1st | 22.8 | 8.1 | 29.5 | 6.7 | 6.7 | 92.4 | 5.3 | 5.5 | 6.6 | 5.4 |
| | | | | | | | Surface | 2nd | 22.8 | 8.1 | 29.5 | 6.7 | | 92.4 | 5.1 | | 6.2 | |
| 2018-12-03 | Mid-Flood | IS(Mf)16 | Cloudy | Moderate | 3:55 | 5.6 | Middle | 1st | - | - | - | - | | - | - | | - | |
| | | . , | | | | | Middle | 2nd | - | - | - | - | 0.7 | 91.9 | 5.9 | | 4.5 | |
| | | | | | | | Bottom | 1st | 22.9 22.9 | 8.1 8.1 | 30.0 30.0 | 6.7 | 6.7 | 91.9 | 5.7 | | 4.1 | |
| | | | | | | | Bottom Surface | 2nd 1st | 23.0 | 8.2 | 29.9 | 6.6 | 6.8 | 94.1 | 5.7 | 5.6 | 5.3 | 5.4 |
| | | | | | | | Surface | 2nd | 23.0 | 8.1 | 29.9 | 6.8 | 0.0 | 94.1 | 5.4 | 5.6 | 5.5 | 5.4 |
| | | | | | | | Middle | 1st | 23.0 | 0.1 | 29.9 | - | | 94.1 | 5.4 | | 5.5 | |
| 2018-12-03 | Mid-Flood | IS8 | Cloudy | Calm | 4:19 | 3.5 | | 2nd | - | - | - | | | - | - | • | - | |
| | | | | | | | Middle Bottom | 1st | 23.0 | 8.2 | 29.9 | 6.8 | 6.8 | 94.3 | 5.7 | • | 4.8 | |
| | | | | | | | Bottom | 2nd | 23.0 | 8.1 | 29.9 | 6.8 | 0.0 | 94.3 | 5.5 | • | 5.8 | |
| | | | | | | | Surface | 1st | 22.8 | 8.1 | 29.8 | 6.6 | 6.6 | 94.3 | 6.8 | 7.1 | 5.4 | 5.7 |
| | | | | | | | | 2nd | 22.8 | 8.1 | 29.8 | 6.6 | 0.0 | 91.1 | 6.5 | · '.' | 5.9 | 5.7 |
| | | | | | | | Surface Middle | 1st | | - 0.1 | 29.0 | - | | 91.1 | - | | 5.9 | |
| 2018-12-03 | Mid-Flood | SR4(N) | Cloudy | Calm | 4:13 | 4.1 | Middle | 2nd | - | - | + - | | | - | - | • | - | |
| | | | | | | | Bottom | 1st | 22.8 | 8.2 | 29.8 | 6.6 | 6.6 | 91.3 | 7.7 | | 5.7 | |
| | | | | | | | Bottom | 2nd | 22.8 | 8.1 | 29.8 | 6.6 | 0.0 | 91.3 | 7.2 | • | 5.7 | |
| | | | | | | | Surface | 1st | - 22.0 | - 0.1 | 29.0 | - | 6.7 | 91.2 | - | 5.0 | - | 7.3 |
| | | | | | | | Surface | 2nd | - | | - | | 6.7 | - | - | 5.0 | - | 1.3 |
| | | | | | | | Middle | 1st | 23.0 | 8.2 | 30.0 | 6.7 | | 93.4 | 5.1 | • | 7.0 | |
| 2018-12-03 | Mid-Flood | IS(Mf)9 | Cloudy | Calm | 4:28 | 2.9 | Middle | 2nd | 23.0 | 8.1 | 30.0 | 6.7 | | 93.3 | 4.8 | | 7.6 | |
| | | | | | | | Bottom | 1st | - | - | - | - | - | - | - | | - | |
| | | | | | | | Bottom | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Surface | 1st | - | | + - | | 6.8 | | | 5.0 | | 4.0 |
| | | | | | | | Surface | 2nd | | | | | 0.0 | _ | - | 3.0 | | 4.0 |
| | | | | | | | Middle | 1st | 22.9 | 8.2 | 30.0 | 6.8 | | 94.6 | 5.1 | | 4.2 | |
| 2018-12-03 | Mid-Flood | IS7 | Cloudy | Calm | 4:47 | 2.7 | Middle | 2nd | 22.9 | 8.1 | 30.0 | 6.8 | | 94.5 | 4.9 | | 3.7 | |
| | | | | | | | Bottom | 1st | - | - | - | - | _ | - | - | | - | |
| | | | | | | | Bottom | 2nd | - | - | - | - | _ | - | - | | - | |
| | | | | | | | Surface | 1st | - | - | - | - | 6.8 | - | - | 4.5 | - | 5.0 |
| | | | | | | | Surface | 2nd | - | - | - | - | 0.0 | - | - | 1.0 | - | 0.0 |
| | | | | | | | Middle | 1st | 22.9 | 8.2 | 30.0 | 6.8 | | 94.4 | 4.6 | | 5.0 | |
| 2018-12-03 | Mid-Flood | IS(Mf)6 | Cloudy | Calm | 4:58 | 2.4 | Middle | 2nd | 22.9 | 8.1 | 30.0 | 6.8 | | 94.3 | 4.4 | | 5.0 | |
| | | | | | | | Bottom | 1st | - | - | - | - | _ | - | - | | - | |
| | | | | | | | Bottom | 2nd | - | - | - | _ | | _ | _ | | - | |
| | | | | | | | Surface | 1st | 23.0 | 8.1 | 30.1 | 6.7 | 6.7 | 93.5 | 5.4 | 5.3 | 4.6 | 4.7 |
| | | | | | | | Surface | 2nd | 23.0 | 8.1 | 30.1 | 6.8 | | 93.5 | 5.1 | | 4.5 | *** |
| | | | <u>.</u> | | | | Middle | 1st | 23.0 | 8.1 | 30.1 | 6.7 | | 93.3 | 5.4 | | 4.6 | |
| 2018-12-03 | Mid-Flood | IS5 | Cloudy | Calm | 5:06 | 9.0 | Middle | 2nd | 23.0 | 8.1 | 30.1 | 6.7 | 1 | 93.3 | 5.2 | 1 | 4.8 | |
| | | | | | | | Bottom | 1st | 23.0 | 8.1 | 30.2 | 6.7 | 6.7 | 93.2 | 5.5 | 1 | 4.9 | |
| | | | | 1 | | | Bottom | 2nd | 23.0 | 8.1 | 30.2 | 6.7 | 1 | 93.1 | 5.3 | 1 | 4.7 | |
| | | | | | | | Surface | 1st | 23.0 | 8.1 | 30.2 | 6.7 | 6.7 | 93.3 | 5.7 | 5.6 | 4.3 | 3.9 |
| | | | | | | | Surface | 2nd | 23.0 | 8.1 | 30.2 | 6.7 | | 93.3 | 5.4 | | 4.2 | |
| 2018-12-03 | Mid Flood | CD2/NI) | Classels | Cala | 5:14 | 3.3 | Middle | 1st | - | - | - | - | | - | - | 1 | | |
| 2018-12-03 | Mid-Flood | SR3(N) | Cloudy | Calm | 5:14 | 3.3 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.0 | 8.2 | 30.2 | 6.7 | 6.7 | 93.4 | 5.8 | | 3.6 | |
| | | | | | | | Bottom | 2nd | 23.0 | 8.1 | 30.2 | 6.7 | | 93.3 | 5.5 | | 3.6 | |
| | | | | | | | Surface | 1st | 23.1 | 8.1 | 30.7 | 6.5 | 6.5 | 90.3 | 3.2 | 3.2 | 4.6 | 4.7 |
| | | | | Ì | | | Surface | 2nd | 23.5 | 8.1 | 29.8 | 6.5 | | 90.9 | 3.1 | | 4.8 | |
| 2018-12-05 | Mid-Ebb | SR10A(N) | Cloudy | Moderate | 12:04 | 11.2 | Middle | 1st | 23.1 | 8.1 | 30.8 | 6.5 | | 90.7 | 3.5 | | 4.4 | |
| 2010-12-05 | IVIIU-EDD | OK IUA(IV) | Cioudy | iviouerate | 12:04 | 11.2 | Middle | 2nd | 23.5 | 8.1 | 29.9 | 6.5 | <u> </u> | 91.3 | 3.2 | | 4.3 | |
| | | | | Ì | | | Bottom | 1st | 23.1 | 8.1 | 30.7 | 6.6 | 6.6 | 91.5 | 3.2 | | 4.7 | |
| | | | | <u> </u> | | | Bottom | 2nd | 23.5 | 8.1 | 29.8 | 6.6 | <u> </u> | 92.2 | 3.1 | | 5.2 | |
| | | | | | | | Surface | 1st | 23.1 | 8.1 | 31.0 | 6.4 | 6.4 | 89.4 | 2.9 | 3.6 | 5.0 | 5.4 |
| | | | | Ì | | | Surface | 2nd | 23.4 | 8.1 | 30.1 | 6.4 | | 90.0 | 3.8 | | 5.0 | |
| 2019 12 05 | Mid Fhh | CD40D/NO | Classets | Moderate | 12:00 | 5.9 | Middle | 1st | - | 1 | - | - | | - | - | | ı | |
| 2018-12-05 | Mid-Ebb | SR10B(N2) | Cloudy | Moderate | 12:00 | 5.9 | Middle | 2nd | - | • | - | - | <u> </u> | - | - | | | |
| | | | | Ì | | | Bottom | 1st | 23.1 | 8.1 | 31.0 | 6.5 | 6.5 | 90.8 | 3.9 | | 5.9 | |
| | | | | | | | Bottom | 2nd | 23.4 | 8.1 | 30.1 | 6.5 | | 91.3 | 3.9 | | | |

| tract No. HY/201 | 10/04 FIZIVID I | IIIDOI IIIIIGOI | radiale from | o olago (oo | | '/ | | ** | ater Quality Monito | ning Data | 1 | | | | | 1 | | Page 5 c |
|----------------------|-----------------|-----------------|--------------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|-------------------|-----------------|-------------------------------------|------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 23.7 | 8.1 | 29.5 | 6.7 | 6.5 | 93.7 | 6.2 | 6.7 | 5.8 | 4.9 |
| | | | | | | | Surface | 2nd | 23.7 | 8.1 | 29.7 | 6.7 | | 94.2 | 6.0 | | 5.6 | |
| 2018-12-05 | Mid-Ebb | CSA | Cloudy | Moderate | 11:37 | 33.2 | Middle | 1st | 23.4 | 8.1 | 31.0 | 6.2 | | 87.2 | 6.7 | 4 | 5.4 | |
| | | | , | | | | Middle | 2nd | 23.4 | 8.1 | 31.2 | 6.2 | 6.2 | 87.5 | 6.6 7.0 | | 5.6 | |
| | | | | | | | Bottom Bottom | 1st 2nd | 23.4 23.4 | 8.1 8.1 | 31.1 31.3 | 6.2 6.2 | 6.2 | 87.2 87.4 | 7.0 | 4 | 3.3 3.5 | |
| | | | | | | | Surface | 1st | 23.7 | 8.1 | 29.2 | 6.7 | 6.7 | 93.2 | 3.6 | 5.7 | 4.4 | 4.8 |
| | | | | | | | Surface | 2nd | 23.7 | 8.1 | 29.4 | 6.7 | 0.7 | 93.7 | 4.0 | 3.7 | 4.5 | 4.0 |
| | | | · | | | | Middle | 1st | 23.7 | 8.1 | 29.4 | 6.6 | | 92.1 | 6.8 | | 5.0 | |
| 2018-12-05 | Mid-Ebb | CS6 | Cloudy | Moderate | 11:29 | 9.6 | Middle | 2nd | 23.7 | 8.1 | 29.6 | 6.6 | | 92.6 | 6.4 | | 4.5 | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 30.4 | 6.5 | 6.5 | 90.3 | 6.5 | 1 | 4.8 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 30.6 | 6.5 | Ī | 90.7 | 6.9 | | 5.3 | |
| | | | | | | | Surface | 1st | 23.8 | 8.1 | 26.7 | 6.7 | 6.6 | 91.6 | 4.5 | 6.3 | 8.3 | 7.1 |
| | | | | | | | Surface | 2nd | 23.8 | 8.1 | 26.9 | 6.7 | | 92.1 | 4.8 | | 8.9 | |
| 2018-12-05 | Mid-Ebb | CS4 | Cloudy | Moderate | 10:30 | 16.1 | Middle | 1st | 23.6 | 8.1 | 29.2 | 6.5 | | 90.7 | 7.0 | | 7.0 | |
| 2010 12 00 | IVIIG EDD | 004 | Oloddy | Moderate | 10.00 | 10.1 | Middle | 2nd | 23.6 | 8.1 | 29.4 | 6.5 | | 91.2 | 6.8 | | 7.1 | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 30.0 | 6.4 | 6.4 | 89.2 | 7.5 | | 5.5 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 30.2 | 6.4 | | 89.6 | 7.3 | | 5.7 | |
| | | | | | | | Surface | 1st | 23.6 | 8.0 | 28.3 | 6.9 | 6.9 | 95.3 | 5.8 | 7.6 | 8.0 | 7.6 |
| | | | | | | | Surface | 2nd | 23.6 | 8.0 | 28.5 | 6.9 | | 95.8 | 5.6 | | 7.3 | |
| 2018-12-05 | Mid-Ebb | SR6 | Cloudy | Moderate | 10:02 | 4.3 | Middle | 1st | - | - | - | - | | - | - | | - | |
| | | | , | | | | Middle | 2nd | - | - 0.4 | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.4 | 8.1 | 29.1 | 6.8 | 6.9 | 95.0 | 9.9 | | 7.6 | |
| | - | | | | | | Bottom | 2nd 1st | 23.4 23.7 | 8.1 8.1 | 29.3 26.8 | 6.9 6.7 | 0.7 | 95.5 92.5 | 9.2 6.4 | 44.5 | 7.5 7.7 | 0.0 |
| | | | | | | | Surface Surface | 2nd | 23.7 | 8.1 | 27.0 | 6.7 | 6.7 | 92.5 | 6.8 | 11.5 | 8.4 | 8.3 |
| | | | | | | | Middle | 2nd 1st | 23.7 | 8.1 | 27.0 | 6.7 | | 92.9 | 9.8 | 4 | 8.0 | |
| 2018-12-05 | Mid-Ebb | CS(Mf)3(N) | Cloudy | Moderate | 10:16 | 7.0 | Middle | 2nd | 23.6 | 8.1 | 28.1 | 6.8 | | 93.8 | 9.4 | | 7.8 | |
| | | | | | | | Bottom | 1st | 23.6 | 8.1 | 29.0 | 6.8 | 6.8 | 93.9 | 18.4 | | 9.1 | |
| | | | | | | | Bottom | 2nd | 23.6 | 8.1 | 29.2 | 6.8 | 0.0 | 94.4 | 18.2 | | 8.8 | |
| | | | | | | | Surface | 1st | 23.8 | 8.1 | 28.0 | 6.8 | 6.7 | 93.9 | 4.7 | 7.3 | 5.7 | 5.1 |
| | | | | | | | Surface | 2nd | 23.9 | 8.1 | 28.2 | 6.8 | 1 0 | 94.5 | 5.0 | 7.0 | 5.5 | 0.1 |
| | | | · | | | | Middle | 1st | 23.6 | 8.1 | 28.8 | 6.6 | | 91.3 | 7.9 | | 4.8 | |
| 2018-12-05 | Mid-Ebb | SR5(N) | Cloudy | Moderate | 10:50 | 9.1 | Middle | 2nd | 23.7 | 8.1 | 29.0 | 6.6 | | 91.9 | 7.6 | | 5.3 | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 29.9 | 6.4 | 6.4 | 88.9 | 9.1 | | 4.5 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 30.2 | 6.4 | | 89.3 | 9.3 | 1 | 4.8 | |
| | | | | | | | Surface | 1st | 23.7 | 8.1 | 28.2 | 6.7 | 6.6 | 93.4 | 5.3 | 8.5 | 6.4 | 5.9 |
| | | | | | | | Surface | 2nd | 23.8 | 8.1 | 28.4 | 6.8 | | 93.9 | 5.2 | | 5.7 | |
| 2018-12-05 | Mid-Ebb | IS10(N) | Cloudy | Moderate | 10:55 | 12.2 | Middle | 1st | 23.6 | 8.1 | 29.1 | 6.5 | | 90.2 | 8.6 | | 5.5 | |
| 2010-12-03 | WIIG-LDD | 1010(14) | Cloudy | Woderate | 10.55 | 12.2 | Middle | 2nd | 23.6 | 8.1 | 29.3 | 6.5 | | 90.6 | 8.8 | | 6.1 | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 29.7 | 6.4 | 6.4 | 89.5 | 11.2 | | 5.7 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 29.9 | 6.4 | | 89.9 | 11.7 | | 6.2 | |
| | | | | | | | Surface | 1st | 23.7 | 8.1 | 28.7 | 6.7 | 6.7 | 92.7 | 5.3 | 6.7 | 7.6 | 6.7 |
| | | | | | | | Surface | 2nd | 23.7 | 8.1 | 28.8 | 6.7 | 1 | 93.2 | 5.6 | | 7.3 | |
| 2018-12-05 | Mid-Ebb | IS(Mf)11 | Cloudy | Moderate | 11:00 | 11.4 | Middle | 1st | 23.6 | 8.1 | 28.9 | 6.6 | 1 | 91.3 | 6.1 | 4 | 6.5 | - |
| | | . , | | | I | | Middle | 2nd | 23.7 | 8.1 | 29.1 | 6.6 | 6.0 | 91.8 | 6.5 | 4 | 6.5 | 1 |
| | | | | | 1 | | Bottom Bottom | 1st 2nd | 23.6 23.6 | 8.1 8.1 | 29.0 29.2 | 6.6 6.6 | 6.6 | 91.8 92.0 | 8.8 8.1 | 1 | 6.2 6.2 | 1 |
| | 1 | | | 1 | t | 1 | Surface | ∠na 1st | 23.3 | 8.1 | 29.7 | 6.5 | 6.5 | 92.0 | 4.1 | 4.0 | 3.7 | 3.6 |
| | | | | 1 | I | | Surface | 2nd | 23.6 | 8.1 | 28.9 | 6.6 | 0.5 | 90.6 | 4.1 | 4.0 | 3.3 | 3.0 |
| | | | | | | | Middle | 1st | 23.1 | 8.1 | 30.8 | 6.3 | | 88.3 | 4.3 | 1 | 3.4 | |
| 2018-12-05 | Mid-Ebb | CS(Mf)5 | Cloudy | Moderate | 11:30 | 12.1 | Middle | 2nd | 23.4 | 8.1 | 29.9 | 6.4 | 1 | 88.9 | 4.1 | 1 | 3.3 | |
| | | | | | | | Bottom | 1st | 23.1 | 8.1 | 30.8 | 6.4 | 6.4 | 89.1 | 3.7 | | 4.1 | |
| | | | | | | | Bottom | 2nd | 23.4 | 8.1 | 30.0 | 6.4 | 0 | 89.5 | 4.0 | | 3.8 | |
| | | | | 1 | 1 | | Surface | 1st | 23.6 | 8.1 | 28.8 | 6.6 | 6.6 | 91.8 | 5.9 | 7.7 | 3.5 | 5.1 |
| | | | | | 1 | | Surface | 2nd | 23.7 | 8.1 | 29.0 | 6.6 | 1 | 92.2 | 5.0 | 1 | 3.7 | 1 |
| 2019 12 05 | Mid Ett | SR7 | Classe | Moderate | 11:00 | 4.4 | Middle | 1st | - | - | - | - | 1 | - | - | 1 | - | 1 |
| 2018-12-05 | Mid-Ebb | 5K/ | Cloudy | Moderate | 11:09 | 4.1 | Middle | 2nd | - | - | - | - | 1 | - | - | 1 | - | 1 |
| | | | | | 1 | | Bottom | 1st | 23.6 | 8.1 | 28.9 | 6.6 | 6.6 | 91.7 | 9.7 | | 6.6 | |
| | <u> </u> | | | | <u> </u> | | Bottom | 2nd | 23.6 | 8.1 | 29.1 | 6.6 | 1 | 92.1 | 10.0 | 1 | 6.4 | |
| | | | | | _ | | Surface | 1st | 23.2 | 8.1 | 29.8 | 6.4 | 6.4 | 88.7 | 6.0 | 5.8 | 2.9 | 3.7 |
| | 1 | | | 1 | 1 | | Surface | 2nd | 23.5 | 8.1 | 28.9 | 6.4 |] | 89.6 | 6.0 |] | 2.9 | |
| 2018-12-05 | Mid-Ebb | IS17 | Cloudy | Moderate | 11:09 | 7.9 | Middle | 1st | 23.2 | 8.1 | 30.2 | 6.4 | 1 | 88.4 | 5.9 | 1 | 3.0 |] |
| 2010-12-00 | WIIG-EDD | 1017 | Cloudy | Moderate | 11.03 | 7.5 | Middle | 2nd | 23.5 | 8.1 | 29.3 | 6.4 | | 89.1 | 5.5 | 1 | 3.0 | |
| | | | | Ì | I | | Bottom | 1st | 23.2 | 8.1 | 30.2 | 6.4 | 6.4 | 88.6 | 5.7 | 1 | 5.0 | |
| | | | 1 | I | 1 | 1 | Bottom | 2nd | 23.5 | 8.1 | 29.4 | 6.4 | I | 89.2 | 5.9 | 1 | 5.2 | 1 |

| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth averaged) |
|----------------------|-------------|-----------|----------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|----------------------|-----------------|-------------------------------------|------------|-------------------------------|
| | | | | | | | Surface | 1st | 23.3 | 8.1 | 29.0 | 6.6 | 6.6 | 91.1 | 5.9 | 5.6 | 5.0 | 6.3 |
| | | | | | | | Surface | 2nd | 23.6 | 8.1 | 28.2 | 6.6 | <u> </u> | 92.0 | 5.9 | | 4.6 | |
| 2018-12-05 | Mid-Ebb | IS(Mf)16 | Cloudy | Moderate | 11:01 | 5.5 | Middle | 1st | - | - | - | - | _ | - | - | | - | - |
| | | | | | | | Middle Bottom | 2nd 1st | 23.3 | 8.1 | 29.2 | 6.6 | 6.6 | 91.2 | 5.2 | | 7.6 | - |
| | | | | | | | Bottom | 2nd | 23.6 | 8.1 | 28.5 | 6.6 | 0.0 | 91.2 | 5.2 | | 7.8 | + |
| | | | | | | | Surface | 1st | 23.3 | 8.1 | 29.0 | 6.6 | 6.7 | 91.8 | 6.2 | 6.3 | 3.1 | 4.1 |
| | | | | | | | Surface | 2nd | 23.7 | 8.1 | 28.2 | 6.7 | - 0.7 | 92.5 | 6.4 | 0.5 | 3.5 | ·· |
| | | 100 | | | 40.00 | | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2018-12-05 | Mid-Ebb | IS8 | Cloudy | Moderate | 10:39 | 3.7 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.3 | 8.1 | 29.1 | 6.8 | 6.8 | 93.6 | 6.0 | | 5.0 | |
| | | | | | | | Bottom | 2nd | 23.7 | 8.1 | 28.2 | 6.8 | | 94.0 | 6.6 | | 4.9 | |
| | | | | | | | Surface | 1st | 23.4 | 8.1 | 29.2 | 6.7 | 6.7 | 92.8 | 4.2 | 4.4 | 3.0 | 3.2 |
| | | | | | | | Surface | 2nd | 23.8 | 8.1 | 28.4 | 6.7 | | 93.5 | 4.2 | | 3.0 | |
| 2018-12-05 | Mid-Ebb | SR4(N) | Cloudy | Moderate | 10:46 | 3.5 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 20.0 .2 00 | 200 | 0111(11) | O.ouu, | moderate | 10.10 | 0.0 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 29.3 | 6.7 | 6.7 | 93.4 | 4.7 | | 3.1 | |
| | | | | | | | Bottom | 2nd | 23.8 | 8.1 | 28.5 | 6.7 | | 93.9 | 4.6 | | 3.5 | |
| | | | | | | | Surface | 1st | 23.4 | 8.1 | 29.2 | 6.7 | 6.7 | 92.8 | 5.6 | 6.0 | 6.7 | 6.5 |
| | | | | | | | Surface | 2nd | 23.7 | 8.1 | 28.4 | 6.7 | _ | 93.6 | 5.9 | | 6.0 | 4 |
| 2018-12-05 | Mid-Ebb | IS(Mf)9 | Cloudy | Moderate | 10:31 | 3.3 | Middle | 1st | - | - | - | - | | - | - | | - | |
| | | , , | | | | | Middle | 2nd | - | - 0.4 | - | - 0.7 | 0.0 | - 02.4 | 6.1 | | - | - |
| | | | | | | | Bottom | 1st | 23.4 | 8.1 | 29.2 | 6.7 | 6.8 | 93.1 93.8 | | | 6.6 | 4 |
| | - | | | | - | | Bottom Surface | 2nd 1st | 23.7 | 8.1 | 28.4 | 6.8 | 6.8 | 93.8 | 6.3 | 5.5 | 6.5 | 3.5 |
| | | | | | | | Surface | 2nd | - | | + | - | 0.8 | - | - | 5.5 | - | 3.5 |
| | | | | | | | Middle | 1st | 23.4 | 8.1 | 29.2 | 6.8 | - | 93.8 | 5.2 | | 3.5 | + |
| 2018-12-05 | Mid-Ebb | IS7 | Cloudy | Moderate | 10:24 | 2.9 | Middle | 2nd | 23.8 | 8.1 | 28.4 | 6.8 | | 94.6 | 5.7 | | 3.5 | - |
| | | | | | | | Bottom | 1st | - | - | 20.4 | - | - | - | - | | - | 1 |
| | | | | | | | Bottom | 2nd | - | - | - | - | 1 | - | - | | - | 1 |
| | | | | | | | Surface | 1st | - | - | - | - | 6.8 | - | - | 5.2 | - | 3.0 |
| | | | | | | | Surface | 2nd | - | - | - | - | 0.0 | - | - | 0.2 | - | 1 0.0 |
| | | 10/14/10 | | | | | Middle | 1st | 23.6 | 8.1 | 29.4 | 6.7 | | 93.8 | 5.2 | | 2.7 | 1 |
| 2018-12-05 | Mid-Ebb | IS(Mf)6 | Cloudy | Moderate | 10:14 | 2.9 | Middle | 2nd | 23.9 | 8.1 | 28.6 | 6.8 | | 94.5 | 5.2 | | 3.3 | |
| | | | | | | | Bottom | 1st | - | - | - | - | - | - | - | | - | 1 |
| | | | | | | | Bottom | 2nd | - | - | - | - | | - | - | | - | 1 |
| | | | | | | | Surface | 1st | 23.5 | 8.1 | 29.4 | 6.6 | 6.7 | 92.4 | 4.2 | 5.0 | 2.9 | 3.6 |
| | | | | | | | Surface | 2nd | 23.9 | 8.1 | 28.6 | 6.7 | | 93.2 | 4.6 | | 2.9 | |
| 2018-12-05 | Mid-Ebb | IS5 | Cloudy | Moderate | 10:09 | 10.1 | Middle | 1st | 23.5 | 8.1 | 29.4 | 6.6 | | 92.0 | 4.8 | | 3.0 | |
| 2010-12-03 | WIIG-EDD | 100 | Cioday | Moderate | 10.09 | 10.1 | Middle | 2nd | 23.9 | 8.1 | 28.6 | 6.7 | | 92.8 | 5.0 | | 3.5 |] |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 29.4 | 6.6 | 6.6 | 91.8 | 5.7 | | 4.7 | |
| | | | | | | | Bottom | 2nd | 23.9 | 8.1 | 28.6 | 6.6 | | 92.4 | 5.7 | | 4.7 | |
| | | | | | | | Surface | 1st | 23.5 | 8.1 | 29.4 | 6.7 | 6.7 | 93.2 | 5.3 | 8.3 | 4.9 | 4.8 |
| | | | | | | | Surface | 2nd | 23.9 | 8.1 | 28.6 | 6.7 | 4 | 94.0 | 5.6 | | 4.6 | 4 |
| 2018-12-05 | Mid-Ebb | SR3(N) | Cloudy | Calm | 10:02 | 4.1 | Middle | 1st | - | - | - | - | 4 | - | - | | - | 4 |
| | | · | 1 | 1 | I | | Middle | 2nd | - 22.0 | - 0.4 | - 20.4 | - 0.7 | 6.0 | - 02.5 | - 10.0 | - | - 10 | 4 |
| | | | | | 1 | | Bottom | 1st | 23.6 | 8.1 | 29.4 | 6.7 6.8 | 6.8 | 93.5 94.3 | 10.9 11.5 | 1 | 4.9 4.6 | 4 |
| | + | | | 1 | | | Bottom Surface | 2nd 1st | 23.9 23.2 | 8.1 8.0 | 28.6 30.1 | 6.8 | 6.8 | 94.3 | 4.3 | 4.5 | 5.1 | 5.7 |
| | | | | | 1 | | Surface | 2nd | 23.5 | 7.9 | 29.2 | 6.8 | 0.0 | 94.0 | 4.3 | 4.5 | 5.8 | 5.7 |
| | | | | 1 | I | | Middle | 1st | 23.2 | 8.0 | 30.0 | 6.8 | 1 | 94.6 | 4.8 | 1 | 5.6 | 1 |
| 2018-12-05 | Mid-Flood | SR10A(N) | Cloudy | Calm | 4:58 | 11.6 | Middle | 2nd | 23.5 | 7.8 | 29.1 | 6.9 | 1 | 95.3 | 4.7 | 1 | 5.5 | 1 |
| | | | | 1 | I | | Bottom | 1st | 23.3 | 7.9 | 29.3 | 6.9 | 6.9 | 95.3 | 4.9 | 1 | 6.5 | 1 |
| | | | | | 1 | | Bottom | 2nd | 23.6 | 7.7 | 28.4 | 6.9 | 1 0.0 | 95.9 | 4.2 | 1 | 5.9 | 1 |
| | | | | | 1 | | Surface | 1st | 23.0 | 8.1 | 31.2 | 6.3 | 6.4 | 88.1 | 6.7 | 6.1 | 5.9 | 5.8 |
| | | | | 1 | I | | Surface | 2nd | 23.4 | 8.1 | 30.3 | 6.4 | 1 | 88.7 | 5.6 | 1 | 5.9 | 1 " |
| 0040 40 0= | | 00465/16 | 01- 1 | | 5.00 | | Middle | 1st | - | - | - | - | 1 | - | - | 1 | - | 1 |
| 2018-12-05 | Mid-Flood | SR10B(N2) | Cloudy | Moderate | 5:03 | 5.5 | Middle | 2nd | - | - | - | - | 1 | - | - | 1 | - | 1 |
| | | | | 1 | I | | Bottom | 1st | 23.0 | 8.1 | 31.2 | 6.4 | 6.4 | 89.2 | 6.7 | 1 | 5.8 | 1 |
| | | | | 1 | I | | Bottom | 2nd | 23.4 | 8.1 | 30.3 | 6.4 | 1 | 89.0 | 5.5 | 1 | 5.6 | 1 |
| | | | | | | | Surface | 1st | 23.6 | 7.9 | 29.0 | 6.6 | 6.5 | 92.1 | 5.8 | 7.0 | 7.1 | 6.6 |
| | | | | 1 | I | | Surface | 2nd | 23.6 | 7.9 | 29.2 | 6.5 | | 90.5 | 5.2 | | 7.7 | |
| 2018-12-05 | Mid-Flood | CSA | Fine | Moderate | 5:17 | 32.9 | Middle | 1st | 23.6 | 7.9 | 29.3 | 6.5 | | 91.3 | 7.8 | | 6.0 | |
| 2010-12-05 | IVIIU-FIOOD | CSA | rine | Moderate | 3.17 | 32.9 | Middle | 2nd | 23.6 | 7.9 | 29.5 | 6.4 | | 89.6 | 7.4 | | 6.0 | _ |
| | | | | Ì | I | | Bottom | 1st | 23.6 | 7.8 | 29.4 | 6.5 | 6.5 | 91.3 | 7.6 | | 6.2 | _ |
| | | 1 | i | | 1 | l | Bottom | 2nd | 23.6 | 7.8 | 29.6 | 6.4 | | 89.6 | 7.9 | 1 | 6.4 | 1 |

| | 13/04 1121010 1 | HKBCF – Infrast | ructure work | is Stage II (SU | dirent t ordor | 1) | ı | | ater Quality Monito | ning Data | 1 1 | | | | 1 | | 1 | Page 7 |
|----------------------|-----------------|-----------------|--------------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|-------------------|-----------------|-------------------------------------|------------|------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (dept averaged) |
| | | | | | | | Surface | 1st | 23.6 | 8.0 | 28.8 | 6.6 | 6.6 | 91.8 | 4.6 | 7.7 | 6.9 | 5.7 |
| | | | | | | | Surface | 2nd | 23.6 | 8.0 | 29.1 | 6.6 | | 92.4 | 4.3 | | 6.0 | |
| 2018-12-05 | Mid-Flood | CS6 | Fine | Moderate | 5:29 | 9.2 | Middle | 1st | 23.6 | 8.0 | 29.1 | 6.5 | | 90.8 | 8.1 | 4 | 4.9 | |
| | | | | | | | Middle | 2nd | 23.6 | 8.0 | 29.3 | 6.6 | 0.5 | 91.4 | 8.1 | _ | 5.3 | |
| | | | | | | | Bottom Bottom | 1st 2nd | 23.6 23.6 | 8.0 | 29.6 29.8 | 6.4 6.5 | 6.5 | 89.9 90.4 | 10.8 10.4 | 4 | 5.7 5.3 | |
| | | | | | | | Surface | 1st | 23.7 | 8.0 | 27.8 | 6.6 | 6.6 | 91.2 | 5.4 | 12.4 | 11.5 | 11.6 |
| | | | | | | | Surface | 2nd | 23.7 | 8.0 | 28.0 | 6.6 | 0.0 | 91.7 | 5.2 | 12.7 | 11.1 | 11.0 |
| | | | | | | | Middle | 1st | 23.6 | 8.1 | 28.9 | 6.5 | | 90.5 | 7.7 | | 11.4 | |
| 2018-12-05 | Mid-Flood | CS4 | Fine | Moderate | 6:27 | 16.3 | Middle | 2nd | 23.6 | 8.1 | 29.1 | 6.5 | | 91.1 | 7.8 | | 11.7 | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 29.9 | 6.3 | 6.4 | 88.4 | 24.2 | 1 | 12.1 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 30.1 | 6.4 | İ | 88.8 | 23.9 | 1 | 11.9 | |
| | | | | | | | Surface | 1st | 23.6 | 8.1 | 27.9 | 6.7 | 6.7 | 92.8 | 9.4 | 12.5 | 9.3 | 8.8 |
| | | | | | | | Surface | 2nd | 23.6 | 8.1 | 28.1 | 6.7 | | 93.2 | 9.3 | | 9.4 | |
| 2018-12-05 | Mid-Flood | SR6 | Fine | Moderate | 6:59 | 4.4 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010 12 00 | Wild I lood | Onto | 1 1110 | Moderate | 0.00 | 4.4 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.6 | 8.1 | 28.6 | 6.7 | 6.7 | 93.1 | 15.8 | | 8.1 | |
| | ļ | | | ļ | | | Bottom | 2nd | 23.6 | 8.1 | 28.8 | 6.7 | . | 93.7 | 15.5 | <u> </u> | 8.2 | |
| | | | | 1 | | | Surface | 1st | 23.7 | 8.1 | 26.5 | 6.6 | 6.6 | 90.0 | 9.2 | 12.4 | 6.6 | 6.9 |
| | | | | | | | Surface | 2nd | 23.7 | 8.1 | 26.6 | 6.6 | 4 | 90.5 | 9.1 | 4 | 6.6 | |
| 2018-12-05 | Mid-Flood | CS(Mf)3(N) | Fine | Moderate | 6:40 | 7.1 | Middle | 1st | 23.7 | 8.0 | 26.8 | 6.6 | 4 | 90.3 | 13.2 | 4 | 6.2 | |
| | | . , , , | | | | | Middle | 2nd | 23.7 | 8.0 | 27.0 | 6.6 | 0.0 | 90.7 | 13.4 | | 6.9 | |
| | | | | | | | Bottom Bottom | 1st 2nd | 23.7 23.7 | 8.1 8.1 | 27.1 27.3 | 6.6 6.6 | 6.6 | 90.5 90.9 | 14.5 14.9 | 4 | 7.5 7.3 | |
| | | | | | | | Surface | 1st | 23.6 | 8.1 | 28.6 | 6.6 | 6.6 | 90.9 | 13.9 | 15.9 | 14.2 | 14.4 |
| | | | | | | | Surface | 2nd | 23.6 | 8.1 | 28.8 | 6.6 | 0.0 | 92.1 | 13.8 | 15.9 | 14.1 | 14.4 |
| | | | | | | | Middle | 1st | 23.6 | 8.1 | 28.6 | 6.6 | | 91.4 | 14.3 | | 14.3 | |
| 2018-12-05 | Mid-Flood | SR5(N) | Fine | Moderate | 6:10 | 9.4 | Middle | 2nd | 23.6 | 8.1 | 28.8 | 6.6 | 1 | 91.9 | 14.9 | 1 | 14.2 | |
| | | | | | | | Bottom | 1st | 23.6 | 8.1 | 28.7 | 6.6 | 6.6 | 91.2 | 19.3 | | 14.7 | |
| | | | | | | | Bottom | 2nd | 23.6 | 8.1 | 28.8 | 6.6 | 0.0 | 91.6 | 19.1 | | 15.1 | |
| | | | | | | | Surface | 1st | 23.6 | 8.0 | 28.3 | 6.7 | 6.7 | 92.3 | 7.0 | 11.6 | 6.5 | 6.1 |
| | | | | | | | Surface | 2nd | 23.7 | 8.0 | 28.5 | 6.7 | | 92.8 | 6.2 | 1 | 6.1 | |
| 2018-12-05 | Mid-Flood | IS10(N) | Fine | Moderate | 6:05 | 11.9 | Middle | 1st | 23.6 | 8.1 | 28.6 | 6.6 | | 91.6 | 12.8 | | 6.1 | |
| 2018-12-05 | IVIIG-FIOOG | 1510(N) | rine | Moderate | 6:05 | 11.9 | Middle | 2nd | 23.7 | 8.1 | 28.8 | 6.6 | | 92.0 | 12.7 | | 6.0 | |
| | | | | | | | Bottom | 1st | 23.6 | 8.1 | 28.8 | 6.6 | 6.6 | 91.5 | 15.3 | | 6.0 | |
| | | | | | | | Bottom | 2nd | 23.6 | 8.1 | 28.9 | 6.6 | | 91.8 | 15.7 | | 5.8 | |
| | | | | | | | Surface | 1st | 23.7 | 8.0 | 28.2 | 6.7 | 6.7 | 92.7 | 5.5 | 10.0 | 5.8 | 5.8 |
| | | | | | | | Surface | 2nd | 23.7 | 8.0 | 28.4 | 6.7 | | 93.2 | 5.7 | | 5.1 | |
| 2018-12-05 | Mid-Flood | IS(Mf)11 | Fine | Moderate | 5:59 | 11.2 | Middle | 1st | 23.7 | 8.0 | 28.4 | 6.7 | | 92.5 | 7.8 | | 6.1 | |
| | | -() | | | | | Middle | 2nd | 23.7 | 8.0 | 28.6 | 6.7 | | 93.0 | 7.4 | 1 | 6.3 | |
| | | | | | | | Bottom | 1st | 23.7 23.7 | 8.0 8.0 | 28.6 28.8 | 6.6 6.7 | 6.7 | 92.4 92.9 | 16.6 16.8 | | 6.0 5.6 | |
| | | | | | | | Bottom Surface | 2nd 1st | 23.7 | 8.1 | 29.2 | 6.5 | 6.5 | 92.9 | 4.9 | 7.0 | 4.0 | 4.5 |
| | | | | | | | Surface | 2nd | 23.6 | 8.1 | 28.4 | 6.6 | 6.5 | 90.5 | 4.9 | 7.0 | 3.9 | 4.5 |
| | | | | | | | Middle | 1st | 23.1 | 8.1 | 30.2 | 6.3 | 1 | 88.0 | 7.3 | 1 | 4.0 | |
| 2018-12-05 | Mid-Flood | CS(Mf)5 | Cloudy | Moderate | 5:30 | 12.2 | Middle | 2nd | 23.5 | 8.1 | 29.4 | 6.4 | 1 | 88.8 | 6.1 | † | 4.9 | 1 |
| | | | | 1 | | | Bottom | 1st | 23.1 | 8.1 | 30.8 | 6.3 | 6.3 | 87.7 | 10.4 | 1 | 5.0 | 1 |
| | | | | 1 | | | Bottom | 2nd | 23.4 | 8.1 | 29.9 | 6.3 | 1 5.5 | 88.3 | 9.2 | 1 | 5.1 | 1 |
| | | | | İ | | | Surface | 1st | 23.6 | 8.0 | 28.7 | 6.6 | 6.6 | 91.0 | 12.8 | 13.7 | 16.5 | 17.1 |
| | | | | | | | Surface | 2nd | 23.6 | 8.0 | 28.9 | 6.6 | 1 | 91.6 | 13.0 | 1 | 15.7 | 1 |
| 2018-12-05 | Mid-Flood | SR7 | Fine | Moderate | 5:50 | 4.3 | Middle | 1st | - | - | - | - | 1 | - | - | 1 | - | 1 |
| 2010-12-05 | iviiu-Fi00d | or/ | rine | Moderate | 5.50 | 4.3 | Middle | 2nd | - | - | - | - | <u> </u> | - | - | | - | |
| | | | | 1 | | | Bottom | 1st | 23.6 | 8.0 | 28.7 | 6.5 | 6.5 | 90.6 | 14.8 | | 18.1 | |
| | | | | | | | Bottom | 2nd | 23.6 | 8.0 | 28.9 | 6.5 | | 91.1 | 14.1 | | 17.9 | |
| | | | | | | | Surface | 1st | 23.3 | 8.1 | 28.8 | 6.6 | 6.7 | 91.9 | 6.3 | 6.2 | 6.1 | 5.0 |
| | | | | 1 | | | Surface | 2nd | 23.6 | 8.1 | 28.0 | 6.7 | 1 | 92.7 | 5.3 | 1 | 6.3 | |
| 2018-12-05 | Mid-Flood | IS17 | Cloudy | Moderate | 5:47 | 7.7 | Middle | 1st | 23.3 | 8.1 | 28.8 | 6.6 | 1 | 91.8 | 7.1 | 4 | 4.4 | |
| | | | 0.000 | cac.ato | J | 1 | Middle | 2nd | 23.6 | 8.1 | 28.0 | 6.7 | <u> </u> | 92.6 | 6.1 | 1 | 4.3 | |
| | | | | 1 | | | Bottom | 1st | 23.3 | 8.1 | 28.8 | 6.7 | 6.7 | 92.4 | 6.6 | 4 | 4.6 | |
| | | | | | ļ | | Bottom | 2nd | 23.6 | 8.1 | 28.0 | 6.7 | | 93.0 | 5.9 | L | 4.3 | |
| | | | | | | | Surface | 1st | 23.3 | 8.1 | 28.9 | 6.6 | 6.6 | 91.1 | 8.2 | 8.5 | 3.5 | 4.3 |
| | | | | 1 | | | Surface | 2nd | 23.6 | 8.1 | 28.1 | 6.6 | 4 | 91.8 | 8.3 | 4 | 3.8 | |
| 2018-12-05 | Mid-Flood | IS(Mf)16 | Cloudy | Moderate | 5:55 | 5.8 | Middle | 1st | - | - | - | - | 4 | - | - | 4 | - | |
| | | . , | ĺ | Ī | | | Middle Bottom | 2nd 1st | 23.3 | 8.1 | 29.2 | 6.6 | 6.7 | 91.5 | 8.5 | 4 | - | 1 |
| | | | | | | | | | | | | | | | | | 5.1 | |

| intract No. HY/201 | | | | | | 7 | | | ater Quality Monito | ming Data | | | | | 1 | | | Page 8 of |
|----------------------|-----------------|-----------|----------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|-----------|----------------|-----------|----------------------|----------------------|--|-------------------------------------|------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | SS | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 23.4 | 8.1 | 29.2 | 6.7 | 6.7 | 92.3 | 4.6 | 4.7 | 5.0 | 5.3 |
| | | | | | | | Surface | 2nd | 23.7 | 8.1 | 28.3 | 6.7 | | 93.0 | 4.6 | | 5.3 | |
| 2018-12-05 | Mid-Flood | IS8 | Cloudy | Moderate | 6:15 | 4.3 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010 12 00 | Wild I lood | 100 | Oloddy | Woderate | 0.10 | 4.0 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.3 | 8.1 | 29.4 | 6.8 | 6.8 | 93.8 | 4.8 | | 5.5 | |
| | | | | | | | Bottom | 2nd | 23.6 | 8.1 | 28.5 | 6.8 | | 94.6 | 4.6 | | 5.2 | |
| | | | | | | | Surface | 1st | 23.2 | 8.1 | 29.2 | 6.6 | 6.6 | 91.4 | 6.1 | 6.2 | 3.9 | 4.4 |
| | | | | | | | Surface | 2nd | 23.6 | 8.1 | 28.3 | 6.6 | 4 | 92.0 | 5.9 | | 4.1 | |
| 2018-12-05 | Mid-Flood | SR4(N) | Cloudy | Moderate | 6:09 | 4.5 | Middle | 1st | - | - | - | <u> </u> | 4 | - | - | | - | |
| | | ` , | | | | | Middle | 2nd | | | | | 0.0 | | | | - | |
| | | | | | | | Bottom Bottom | 1st | 23.2 23.5 | 8.1 | 29.3 28.4 | 6.7 | 6.8 | 93.3 93.8 | 6.7 6.1 | | 4.5 5.0 | |
| | | | | | | | | 2nd | | 8.1 | | 6.8 | 6.6 | | | 6.7 | | 4.0 |
| | | | | | | | Surface | 1st 2nd | - | - | - | | 0.0 | - | - | 6.7 | - | 4.3 |
| | | | | | | | Surface | | 23.3 | 8.1 | 29.2 | 6.6 | - | 91.3 | 6.6 | | 4.0 | |
| 2018-12-05 | Mid-Flood | IS(Mf)9 | Cloudy | Moderate | 6:27 | 2.9 | Middle Middle | 1st | | | | | 4 | | | | | |
| | | | - | | | | | 2nd | 23.6 | 8.1 | 28.3 | 6.6 | <u> </u> | 92.1 | 6.8 | | 4.6 | |
| | | | | | | | Bottom | 1st 2nd | - | | 1 - | | - | - | | | - | |
| | | | | | | | Bottom | | | - | | | 6.7 | - | | 4.0 | - | 0.0 |
| | | | | | | | Surface | 1st | - | - | - | - | 6.7 | - | - | 4.0 | - | 6.3 |
| | | | | | | | Surface | 2nd | - | - 0.4 | - 00.4 | - | 4 | - | - | | - | |
| 2018-12-05 | Mid-Flood | IS7 | Cloudy | Moderate | 6:27 | 2.7 | Middle | 1st | 23.4 | 8.1 | 29.4 | 6.7 | 4 | 92.8 | 4.1 | | 6.0 | |
| | | | , | | | | Middle | 2nd | 23.7 | 8.1 | 28.5 | 6.7 | | 93.7 | 3.9 | | 6.6 | |
| | | | | | | | Bottom | 1st | - | - | - | - | - | - | - | | - | |
| | | | | | | | Bottom | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Surface | 1st | - | - | - | - | 6.7 | - | - | 4.1 | - | 6.7 |
| | | | | | | | Surface | 2nd | - | - | - | - | | - | - | | - | |
| 2018-12-05 | Mid-Flood | IS(Mf)6 | Cloudy | Moderate | 6:34 | 2.8 | Middle | 1st | 23.4 | 8.1 | 29.4 | 6.7 | _ | 92.8 | 4.2 | | 6.9 | |
| 20.0 .2 00 | | | C.Cuu, | moderate | 0.01 | 2.0 | Middle | 2nd | 23.8 | 8.1 | 28.6 | 6.7 | | 93.7 | 3.9 | | 6.5 | |
| | | | | | | | Bottom | 1st | - | - | - | - | - | - | - | | - | |
| | | | | | | | Bottom | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Surface | 1st | 23.4 | 8.1 | 29.4 | 6.7 | 6.7 | 92.6 | 4.3 | 4.6 | 4.9 | 3.8 |
| | | | | | | | Surface | 2nd | 23.8 | 8.1 | 28.5 | 6.7 | | 93.4 | 4.2 | | 4.2 | |
| 2018-12-05 | Mid-Flood | IS5 | Cloudy | Moderate | 6:47 | 9.8 | Middle | 1st | 23.5 | 8.1 | 29.5 | 6.6 | | 92.5 | 4.7 | | 3.5 | |
| 2010-12-03 | IVIIG-I IOOG | 100 | Cloudy | Woderate | 0.47 | 3.0 | Middle | 2nd | 23.8 | 8.1 | 28.7 | 6.7 | | 93.3 | 4.8 | | 3.7 | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 29.5 | 6.7 | 6.7 | 93.0 | 4.8 | | 3.1 | |
| | | | | | | | Bottom | 2nd | 23.8 | 8.1 | 28.7 | 6.7 | | 93.8 | 4.9 | | 3.3 | |
| | | | | | | | Surface | 1st | 23.5 | 8.1 | 29.4 | 6.7 | 6.8 | 93.4 | 4.7 | 5.7 | 3.3 | 4.8 |
| | | | | | | | Surface | 2nd | 23.8 | 8.1 | 28.6 | 6.8 | | 94.2 | 4.8 | | 3.6 | |
| 2018-12-05 | Mid-Flood | SR3(N) | Cloudy | Moderate | 6:54 | 4.2 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010-12-03 | Wild-Fi00d | SK3(IV) | Cloudy | Moderate | 6.54 | 4.2 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 29.4 | 6.8 | 6.8 | 94.8 | 6.6 | | 6.2 | |
| | | | | | | | Bottom | 2nd | 23.8 | 8.1 | 28.6 | 6.8 | | 95.4 | 6.7 | | 6.0 | |
| | | | | | | | Surface | 1st | 23.2 | 8.1 | 30.1 | 6.5 | 6.5 | 90.2 | 6.9 | 8.7 | 7.6 | 7.9 |
| | | | | | 1 | | Surface | 2nd | 23.5 | 8.1 | 29.9 | 6.5 | | 90.8 | 7.1 | | 7.0 | |
| 2010 42 07 | Mid FLL | CD4CA/N | Classets | Moderate | 12:04 | 10.5 | Middle | 1st | 23.2 | 8.1 | 30.4 | 6.4 | | 89.7 | 9.8 | | 7.2 | |
| 2018-12-07 | Mid-Ebb | SR10A(N) | Cloudy | Moderate | 13:21 | 13.5 | Middle | 2nd | 23.5 | 8.1 | 30.1 | 6.5 | 1 | 90.2 | 9.1 | | 7.6 | |
| | | | | Ì | I | | Bottom | 1st | 23.2 | 8.1 | 30.4 | 6.5 | 6.5 | 89.9 | 9.8 | | 9.3 | |
| | | | | Ì | I | | Bottom | 2nd | 23.5 | 8.1 | 30.1 | 6.5 | 1 | 90.3 | 9.3 | | 8.7 | |
| | | | | | | | Surface | 1st | 23.1 | 8.1 | 31.1 | 6.4 | 6.4 | 88.8 | 8.6 | 8.9 | 10.0 | 9.8 |
| | | | | Ì | I | | Surface | 2nd | 23.4 | 8.0 | 30.8 | 6.4 | 1 | 89.3 | 8.6 | 1 | 9.9 | |
| 0040 40 07 | NAC - 1 - 1 - 1 | 00400(N0) | Oleverte | Mandanata | 40.00 | | Middle | 1st | - | - | - | - | Ī | - | - | | - | |
| 2018-12-07 | Mid-Ebb | SR10B(N2) | Cloudy | Moderate | 13:26 | 5.7 | Middle | 2nd | - | - | - | - | Ī | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.1 | 8.1 | 31.1 | 6.6 | 6.6 | 91.7 | 9.1 | | 10.0 | |
| | | | | Ì | I | | Bottom | 2nd | 23.4 | 8.0 | 30.8 | 6.6 | 1 | 92.2 | 9.1 | 1 | 9.4 | |
| | | | | 1 | t | 1 | Surface | 1st | 23.6 | 8.1 | 28.6 | 6.7 | 6.7 | 92.4 | 5.4 | 6.0 | 6.2 | 5.3 |
| | | | | Ì | I | | Surface | 2nd | 23.6 | 8.1 | 29.3 | 6.7 | 1 | 92.8 | 5.8 | 1 | 5.8 | 0.0 |
| | | | | l | l | | Middle | 1st | 23.5 | 8.1 | 28.8 | 6.6 | 1 | 92.0 | 5.6 | 1 | 4.7 | |
| 2018-12-07 | Mid-Ebb | CSA | Cloudy | Moderate | 12:59 | 32.5 | Middle | 2nd | 23.6 | 8.1 | 29.5 | 6.6 | 1 | 92.5 | 5.9 | 1 | 4.7 | |
| | | | | Ì | I | | Bottom | 1st | 23.5 | 8.1 | 29.2 | 6.6 | 6.6 | 91.4 | 6.9 | 1 | 4.8 | |
| | | | | Ì | I | | Bottom | 2nd | 23.6 | 8.1 | 29.9 | 6.6 | 1 5.5 | 91.8 | 6.4 | | 5.3 | |
| | | | | | | | Surface | 1st | 23.6 | 8.1 | 28.5 | 6.6 | 6.6 | 91.5 | 5.1 | 10.1 | 5.8 | 6.0 |
| | | | | Ì | I | | Surface | 2nd | 23.6 | 8.1 | 29.3 | 6.6 | 1 5.5 | 91.9 | 5.4 | 10.1 | 5.1 | 0.0 |
| | | | | Ì | I | | Middle | 1st | 23.6 | 8.1 | 28.7 | 6.6 | 1 | 91.9 | 6.3 | | 6.3 | |
| 2018-12-07 | Mid-Ebb | CS6 | Cloudy | Moderate | 12:51 | 9.6 | Middle | 2nd | 23.6 | 8.1 | 29.5 | 6.6 | 1 | 91.7 | 6.8 | | 6.7 | |
| | | | | | 1 | | Bottom | 2nd 1st | 23.6 | 8.1 | 29.5 | 6.5 | 6.5 | 90.7 | 17.2 | | 6.1 | |
| | | | | Ì | I |] | | | | | | | 0.5 | | | | | |
| | 1 | | | | | | Bottom | 2nd | 23.6 | 8.1 | 30.1 | 6.5 | 1 | 90.9 | 19.8 | l | 6.2 | |

| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (dept averaged) |
|----------------------|--|-------------|---------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|----------------------|-----------------|-------------------------------------|--------------|------------------------------|
| | | | | | | | Surface | 1st | 23.6 | 8.1 | 27.6 | 6.6 | 6.6 | 90.7 | 5.4 | 10.7 | 9.0 | 10.1 |
| | | | | | | | Surface | 2nd | 23.6 | 8.1 | 28.4 | 6.6 | | 91.1 | 5.9 | | 9.8 | 4 |
| 2018-12-07 | Mid-Ebb | CS4 | Rainy | Moderate | 11:55 | 17.2 | Middle | 1st | 23.6 | 8.1 | 28.4 | 6.5 | _ | 90.6 | 8.8 | | 9.6 | 4 |
| | | | 1 | | | | Middle Bottom | 2nd 1st | 23.6 23.5 | 8.1 8.1 | 29.1 29.0 | 6.5 6.5 | 6.5 | 91.0 90.3 | 9.0 17.1 | | 10.0 11.0 | 4 |
| | | | | | | | Bottom | 2nd | 23.6 | 8.1 | 29.8 | 6.5 | 6.5 | 90.3 | 18.0 | | 11.2 | + |
| | | | | | | | Surface | 1st | 23.4 | 8.1 | 28.3 | 6.8 | 6.8 | 93.4 | 12.7 | 16.0 | 16.8 | 16.1 |
| | | | | | | | Surface | 2nd | 23.4 | 8.1 | 29.0 | 6.8 | 0.0 | 93.8 | 12.7 | 10.0 | 16.5 | 10.1 |
| | | | | | | | Middle | 1st | - | - | - | - | 1 | - | - | | - | † |
| 2018-12-07 | Mid-Ebb | SR6 | Rainy | Moderate | 11:27 | 4.5 | Middle | 2nd | - | - | _ | - | 1 | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.4 | 8.1 | 28.4 | 6.8 | 6.8 | 93.5 | 19.4 | | 15.9 | |
| | | | | | | | Bottom | 2nd | 23.4 | 8.1 | 29.2 | 6.8 | 1 | 93.8 | 19.3 | | 15.1 | 1 |
| | | | | | | | Surface | 1st | 23.6 | 8.1 | 26.6 | 6.4 | 6.5 | 88.3 | 14.2 | 17.1 | 11.4 | 13.1 |
| | | | | | | | Surface | 2nd | 23.6 | 8.1 | 27.3 | 6.4 | | 88.6 | 14.7 | | 11.1 | |
| 2040 42 07 | Mid Ekk | CC/M6\2/NI\ | Daine | Madausta | 44.44 | 7.2 | Middle | 1st | 23.5 | 8.1 | 26.6 | 6.5 | | 88.8 | 16.1 | | 12.8 | |
| 2018-12-07 | Mid-Ebb | CS(Mf)3(N) | Rainy | Moderate | 11:41 | 7.2 | Middle | 2nd | 23.6 | 8.1 | 27.3 | 6.5 | | 89.1 | 16.3 | | 12.1 | 1 |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 26.6 | 6.5 | 6.5 | 88.9 | 20.4 | | 15.8 | |
| | | | | | | | Bottom | 2nd | 23.6 | 8.1 | 27.3 | 6.5 | | 89.2 | 20.8 | | 15.3 | |
| | | | | | | | Surface | 1st | 23.5 | 8.1 | 28.9 | 6.7 | 6.7 | 92.6 | 13.0 | 16.6 | 7.1 | 6.8 |
| | 1 | | | 1 | I | | Surface | 2nd | 23.5 | 8.1 | 29.6 | 6.7 | _ | 93.0 | 13.4 | | 6.9 | |
| 2018-12-07 | Mid-Ebb | SR5(N) | Rainy | Moderate | 12:13 | 9.3 | Middle | 1st | 23.5 | 8.1 | 28.9 | 6.7 | _ | 92.3 | 15.9 | | 6.6 | 1 |
| 2310 12-01 | IVIIG-EDD | S11.0(14) | rainy | IVIOGETALE | 12.13 | 0.5 | Middle | 2nd | 23.5 | 8.1 | 29.6 | 6.6 | | 92.7 | 15.9 | | 7.0 | 1 |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 28.9 | 6.6 | 6.6 | 92.2 | 20.8 | | 6.8 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 29.6 | 6.6 | | 92.5 | 20.5 | | 6.3 | |
| | | | | | | | Surface | 1st | 23.5 | 8.1 | 28.5 | 6.6 | 6.6 | 92.1 | 7.0 | 10.4 | 8.1 | 8.7 |
| | | | | | | | Surface | 2nd | 23.6 | 8.1 | 29.3 | 6.6 | | 92.5 | 7.8 | | 8.0 | |
| 2018-12-07 | Mid-Ebb | IS10(N) | Rainy | Moderate | 12:19 | 12.6 | Middle | 1st | 23.5 | 8.1 | 28.7 | 6.6 | | 92.1 | 10.6 | | 8.8 | |
| 2010 12 01 | 222 | 10.10(11) | - runny | moderate | 12.10 | 12.0 | Middle | 2nd | 23.5 | 8.1 | 29.5 | 6.6 | | 92.5 | 10.1 | | 9.1 | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 28.8 | 6.6 | 6.6 | 92.1 | 13.4 | | 9.2 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 29.6 | 6.6 | | 92.6 | 13.2 | | 9.0 | |
| | | | | | | | Surface | 1st | 23.5 | 8.1 | 28.5 | 6.7 | 6.6 | 92.2 | 8.4 | 9.1 | 7.7 | 7.4 |
| | | | | | | | Surface | 2nd | 23.6 | 8.1 | 29.3 | 6.6 | | 92.6 | 8.8 | | 7.9 | |
| 2018-12-07 | Mid-Ebb | IS(Mf)11 | Rainy | Moderate | 12:23 | 11.3 | Middle | 1st | 23.6 | 8.1 | 28.7 | 6.6 | | 92.1 | 9.3 | | 7.2 | |
| | | | , | | | | Middle | 2nd | 23.6 | 8.1 | 29.5 | 6.6 | | 92.5 | 9.1 | | 7.2 | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 28.7 | 6.6 | 6.6 | 92.2 | 9.8 | | 7.3 | 4 |
| | | | | | | | Bottom | 2nd | 23.6 | 8.1 | 29.5 | 6.6 | | 92.5 | 9.3 | | 7.0 | |
| | | | | | | | Surface | 1st | 23.2 | 8.2 | 29.8 | 6.6 | 6.6 | 91.7 | 7.1 | 9.6 | 5.9 | 6.2 |
| | | | | | | | Surface | 2nd | 23.5 | 8.1 | 29.6 | 6.6 | 4 | 92.2 | 7.2 | | 6.3 | 4 |
| 2018-12-07 | Mid-Ebb | CS(Mf)5 | Cloudy | Moderate | 12:52 | 12.5 | Middle | 1st | 23.2 | 8.2 | 30.2 | 6.6 | 4 | 91.3 | 10.1 | | 5.9 | 4 |
| | | ` ′ | | | | | Middle | 2nd | 23.5 | 8.1 | 29.9 | 6.6 | | 91.7 | 10.4 | | 6.3 | - |
| | | | | | | | Bottom | 1st | 23.2 | 8.2 | 30.1 | 6.6 | 6.6 | 92.1 | 11.4 | | 6.5 | 4 |
| | + | | | | | | Bottom | 2nd | 23.5 | 8.1 | 29.8 | 6.6 | 0.0 | 92.5 | 11.1 | 40.0 | 6.5 | 0.0 |
| | | | | | | | Surface | 1st | 23.5 23.6 | 8.1 8.1 | 28.4 29.2 | 6.6 6.6 | 6.6 | 91.9 92.2 | 8.8 8.2 | 12.6 | 7.0 6.4 | 6.6 |
| | | | | | | | Surface | 2nd | | | | | 4 | | | | | 4 |
| 2018-12-07 | Mid-Ebb | SR7 | Rainy | Moderate | 12:31 | 4.4 | Middle Middle | 1st | - | - | - | - | 4 | - | - | | - | 4 |
| | | | | | | | | 2nd | - 22.5 | - 0.4 | - 20.0 | | 6.7 | - 02.2 | - 47.0 | | - | 4 |
| | 1 | | | 1 | I | | Bottom | 1st 2nd | 23.5 23.5 | 8.1 8.1 | 28.8 29.6 | 6.7 6.6 | 6.7 | 92.3 92.5 | 17.0 16.3 | | 6.6 6.5 | 4 |
| | + | | - | 1 | | 1 | Bottom Surface | 2na 1st | 23.5 | 8.1 | 29.5 | 6.7 | 6.7 | 92.5 | 7.6 | 7.8 | 8.1 | 9.4 |
| | 1 | | | 1 | I | | Surface | 2nd | 23.2 | 8.1 | 29.5 | 6.7 | 6.7 | 92.6 | 7.6 | 1.8 | 8.1 | 9.4 |
| | 1 | | | | 1 | | Middle | 2na 1st | 23.2 | 8.1 | 29.2 | 6.7 | 4 | 93.4 | 8.2 | | 9.6 | + |
| 2018-12-07 | Mid-Ebb | IS17 | Rainy | Moderate | 12:33 | 9.8 | Middle | 2nd | 23.2 | 8.1 | 29.7 | 6.7 | - | 93.4 | 8.2 | | 9.6 | + |
| | 1 | | | | 1 | | Bottom | 1st | 23.2 | 8.1 | 29.4 | 6.9 | 6.9 | 95.0 | 7.9 | | 9.4 | 1 |
| | 1 | | | 1 | I | | Bottom | 2nd | 23.5 | 8.1 | 29.7 | 6.8 | 0.9 | 95.1 | 7.9 | | 10.2 | 1 |
| | 1 | | 1 | | 1 | | Surface | 1st | 23.2 | 8.1 | 29.4 | 6.7 | 6.7 | 93.3 | 8.2 | 8.2 | 10.0 | 9.4 |
| | I | | 1 | Ì | I | | Surface | 2nd | 23.5 | 8.1 | 29.3 | 6.7 | 0.7 | 93.1 | 8.1 | 0.2 | 10.0 | 7.4 |
| | 1 | | _ | | | | Middle | 1st | - | - 0.1 | 29.3 | - | 1 | 93.4 | - | | - | † |
| 2018-12-07 | Mid-Ebb | IS(Mf)16 | Rainy | Moderate | 12:26 | 5.5 | Middle | 2nd | - | | - | | 1 | | - | | | 1 |
| | 1 | | | 1 | I | | Bottom | 1st | 23.2 | 8.1 | 29.6 | 6.9 | 6.9 | 95.3 | 8.2 | | 8.4 | † |
| | I | | 1 | Ì | I | | Bottom | 2nd | 23.5 | 8.1 | 29.4 | 6.8 | 0.9 | 95.3 | 8.4 | | 9.0 | ┪ |
| | † | | | | t | <u> </u> | Surface | 1st | 23.1 | 8.2 | 29.4 | 6.6 | 6.6 | 91.0 | 7.5 | 8.0 | 6.6 | 6.1 |
| | I | | 1 | Ì | I | | Surface | 2nd | 23.5 | 8.1 | 29.4 | 6.6 | 1 5.5 | 91.5 | 7.7 | 5.0 | 6.6 | ┧ ".' |
| | 1 | | | 1 | I | | Middle | 1st | - | - | - 29.1 | - | 1 | - 91.5 | - | | - | † |
| 2018-12-07 | Mid-Ebb | IS8 | Rainy | Calm | 12:05 | 4.0 | Middle | 2nd | - | - | - | | 1 | | - | | | 1 |
| | I | | | Ì | I | | Bottom | 1st | 23.2 | 8.2 | 29.5 | 6.6 | 6.6 | 91.3 | 8.5 | | 5.5 | ┪ |
| | 1 | i | l | l | 1 | ı | Bottom | 2nd | 23.5 | 8.1 | 29.3 | 6.6 | 0.0 | 91.8 | 8.3 | 1 | 5.7 | 4 |

| tract No. HY/201 | 13/04 HZIVIB F | TRBCF - Initas | Tucture work | ts Stage II (So | utnern Portion |) | | · vv | ater Quality Monito | ning Data | 1 | | T | 1 | 1 | ı | | Page 10 |
|----------------------|----------------|----------------|--------------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|-------------------|-----------------|-------------------------------------|------------|-------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth averaged) |
| | | | | | | | Surface | 1st | 23.1 | 8.2 | 29.5 | 6.7 | 6.7 | 93.0 | 6.0 | 6.6 | 6.3 | 8.5 |
| | | | | | | | Surface | 2nd | 23.4 | 8.1 | 29.2 | 6.7 | | 93.3 | 6.5 | | 6.9 | 4 |
| 2018-12-07 | Mid-Ebb | SR4(N) | Rainy | Calm | 12:10 | 4.3 | Middle | 1st | - | - | - | - | _ | - | - | | - | - |
| | | | | | | | Middle Bottom | 2nd 1st | 23.1 | 8.2 | 29.6 | 6.9 | 6.9 | 95.9 | 6.9 | | 10.4 | 1 |
| | | | | | | | Bottom | 2nd | 23.4 | 8.1 | 29.3 | 6.9 | 0.9 | 95.9 | 7.0 | | 10.4 | 1 |
| | | | | | | | Surface | 1st | - | - | - | - | 6.8 | - | - | 9.1 | - | 6.2 |
| | | | | | | | Surface | 2nd | - | - | - | - | 0.0 | - | - | 0 | - | - "- |
| 2018-12-07 | Mid-Ebb | IS(Mf)9 | Rainy | Calm | 11:58 | 2.9 | Middle | 1st | 23.2 | 8.2 | 29.6 | 6.8 | | 94.4 | 9.2 | | 6.0 | 1 |
| 2018-12-07 | IVIIG-EDD | 15(1011)9 | Rainy | Caim | 11:58 | 2.9 | Middle | 2nd | 23.5 | 8.1 | 29.3 | 6.8 | | 94.4 | 9.0 | | 6.4 | |
| | | | | | | | Bottom | 1st | - | - | - | - | - | - | - | | - | |
| | | | | | | | Bottom | 2nd | - | - | - | ì | | - | - | | • | |
| | | | | | | | Surface | 1st | - | - | - | - | 7.0 | - | - | 7.4 | - | 6.9 |
| | | | | | | | Surface | 2nd | - | - | - 00.5 | - | _ | - 07.0 | | | - | 4 |
| 2018-12-07 | Mid-Ebb | IS7 | Rainy | Calm | 11:50 | 2.5 | Middle | 1st 2nd | 23.2 | 8.2 8.1 | 29.5 | 7.0 7.0 | 4 | 97.3 97.7 | 7.4 7.4 | | 6.9 | - |
| | | | | | | | Middle Bottom | 1st | 23.5 | - 8.1 | 29.3 | - | | 97.7 | - | | 6.9 | - |
| | | | | | | | Bottom | 2nd | - | | - | - | | | - | | - | - |
| | | <u> </u> | | | | | Surface | 1st | - | - | - | - | 6.7 | - | - | 6.3 | - | 7.5 |
| | | | | | | | Surface | 2nd | - | - | - | - | 1 | - | - | 1 | - | 1 |
| 2018-12-07 | Mid-Ebb | IS(Mf)6 | Boiny | Colm | 11:42 | 2.3 | Middle | 1st | 23.2 | 8.1 | 29.5 | 6.7 | | 92.7 | 6.3 | | 7.3 | 1 |
| 2018-12-07 | IVIIG-EDD | 15(111)6 | Rainy | Calm | 11:42 | 2.3 | Middle | 2nd | 23.5 | 8.1 | 29.2 | 6.7 | | 93.3 | 6.2 | | 7.7 | |
| | | | | | | | Bottom | 1st | - | - | - | - | - | - | - | | - | |
| | | | | | | | Bottom | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Surface | 1st | 23.3 | 8.2 | 29.6 | 6.7 | 6.8 | 93.4 | 6.3 | 8.7 | 9.4 | 8.1 |
| | | | | | | | Surface | 2nd | 23.6 | 8.1 | 29.3 | 6.7 | _ | 93.7 | 6.3 | | 9.8 | |
| 2018-12-07 | Mid-Ebb | IS5 | Rainy | Calm | 11:35 | 7.4 | Middle | 1st | 23.2 | 8.2 | 29.7 | 6.8 | | 94.2 | 6.3 | | 7.0 | _ |
| | | | | | | | Middle Bottom | 2nd 1st | 23.5 23.2 | 8.1 8.2 | 29.4 29.7 | 6.8 7.0 | 7.0 | 94.3 96.5 | 6.6 13.7 | | 7.7 7.5 | - |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 29.4 | 6.9 | 7.0 | 96.4 | 12.9 | | 7.2 | - |
| | + | | | | | | Surface | 1st | 23.2 | 8.2 | 29.7 | 6.7 | 6.7 | 93.2 | 7.3 | 7.7 | 7.8 | 8.0 |
| | | | | | | | Surface | 2nd | 23.5 | 8.1 | 29.4 | 6.7 | 0.7 | 93.6 | 7.4 | 1 '.' | 7.3 | 0.0 |
| | | 05040 | 5. | 0.1 | 44.00 | | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2018-12-07 | Mid-Ebb | SR3(N) | Rainy | Calm | 11:28 | 4.4 | Middle | 2nd | - | - | - | - | | - | - | | - | 1 |
| | | | | | | | Bottom | 1st | 23.2 | 8.2 | 29.7 | 6.8 | 6.8 | 94.1 | 8.0 | | 8.5 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 29.4 | 6.8 | | 94.4 | 8.1 | | 8.3 | |
| | | | | | | | Surface | 1st | 23.1 | 8.2 | 31.0 | 6.4 | 6.5 | 89.6 | 5.0 | 5.7 | 8.3 | 8.1 |
| | | | | | | | Surface | 2nd | 23.4 | 8.1 | 30.7 | 6.4 | _ | 90.1 | 5.3 | | 8.8 | |
| 2018-12-07 | Mid-Flood | SR10A(N) | Rainy | Moderate | 6:25 | 11.5 | Middle | 1st | 23.1 | 8.2 | 31.2 | 6.5 | _ | 90.8 | 5.3 | | 8.0 | 4 |
| | | , , | | | | | Middle | 2nd 1st | 23.4 23.0 | 8.1 8.2 | 30.9 31.2 | 6.5 6.7 | 6.7 | 91.1 94.0 | 5.2 6.9 | | 7.8 8.0 | - |
| | | | | | | | Bottom Bottom | 2nd | 23.3 | 8.1 | 30.9 | 6.7 | 6.7 | 93.9 | 6.7 | | 7.7 | - |
| | + | | | | | | Surface | 1st | 23.1 | 8.2 | 31.2 | 6.4 | 6.5 | 89.7 | 5.4 | 5.9 | 7.7 | 6.7 |
| | | | | | | | Surface | 2nd | 23.4 | 8.1 | 30.9 | 6.4 | 0.0 | 90.1 | 5.4 | 0.5 | 7.6 | 1 5.7 |
| 2019 12 07 | Mid Flast | CD40D/NO | Dei | Moderate | 6.04 | 6.3 | Middle | 1st | 23.0 | 8.2 | 31.2 | 6.5 | 1 | 90.9 | 5.6 | 1 | 6.7 | 1 |
| 2018-12-07 | Mid-Flood | SR10B(N2) | Rainy | Moderate | 6:34 | 6.3 | Middle | 2nd | 23.4 | 8.1 | 30.9 | 6.5 | 1 | 91.0 | 5.6 | | 6.1 | |
| | | 1 | | | | | Bottom | 1st | 23.0 | 8.2 | 31.2 | 6.7 | 6.7 | 93.2 | 6.7 |] | 5.8 | _ |
| | ļ | | | | | | Bottom | 2nd | 23.4 | 8.1 | 30.9 | 6.7 | | 93.2 | 6.7 | | 6.1 | |
| | | | | | | | Surface | 1st | 23.4 | 8.2 | 29.7 | 6.5 | 6.4 | 90.5 | 6.6 | 12.0 | 8.4 | 7.9 |
| | | 1 | | | | | Surface | 2nd | 23.4 | 8.2 | 30.5 | 6.5 | 4 | 90.8 | 6.3 | | 8.5 | 4 |
| 2018-12-07 | Mid-Flood | CSA | Rainy | Moderate | 6:56 | 33.0 | Middle Middle | 1st 2nd | 23.4 23.4 | 8.2 8.2 | 30.4 31.2 | 6.3 6.3 | 4 | 88.7 88.9 | 10.1 10.3 | | 7.9 7.1 | 4 |
| | | | | | | | Bottom | 1st | 23.4 | 8.2 | 30.5 | 6.3 | 6.3 | 88.6 | 19.1 | | 7.5 | - |
| | | | | | | | Bottom | 2nd | 23.4 | 8.2 | 31.2 | 6.3 | 0.5 | 88.8 | 19.4 | | 7.8 | - |
| | | † | | 1 | 1 | | Surface | 1st | 23.4 | 8.2 | 29.5 | 6.5 | 6.5 | 90.6 | 3.2 | 5.4 | 5.9 | 6.7 |
| | | 1 | | | | | Surface | 2nd | 23.5 | 8.2 | 29.9 | 6.6 | 1 | 91.8 | 3.0 | 1 | 6.0 | 1 |
| 2018-12-07 | Mid-Flood | CS6 | Boiny | Moderate | 7:06 | 9.6 | Middle | 1st | 23.4 | 8.2 | 30.5 | 6.3 | 1 | 88.7 | 6.2 | 1 | 6.2 | 1 |
| 2018-12-0/ | IVIIU-FIOOd | CSb | Rainy | woderate | 7:06 | 9.6 | Middle | 2nd | 23.5 | 8.2 | 30.2 | 6.5 | 1 | 91.0 | 6.1 | | 7.0 | |
| | | | | | | | Bottom | 1st | 23.4 | 8.2 | 31.3 | 6.3 | 6.3 | 89.0 | 6.8 | | 7.3 | |
| | 1 | | | | | | Bottom | 2nd | 23.4 | 8.2 | 31.3 | 6.3 | | 89.0 | 6.8 | | 7.9 | |
| | | | | | 1 | I | Surface | 1st | 23.5 | 8.2 | 27.6 | 6.6 | 6.7 | 91.3 | 9.3 | 10.8 | 10.2 | 9.4 |
| | | | | | | | _ | | | | | | | | | | | |
| | | | | | | | Surface | 2nd | 23.5 | 8.2 | 28.3 | 6.6 | | 91.6 | 9.0 | | 10.9 | _ |
| 2018-12-07 | Mid-Flood | CS4 | Rainy | Moderate | 8:04 | 17.4 | Middle | 1st | 23.5 | 8.2 | 28.7 | 6.7 | | 92.3 | 8.9 | | 8.8 | |
| 2018-12-07 | Mid-Flood | CS4 | Rainy | Moderate | 8:04 | 17.4 | | | | | | | 6.6 | | | | | - - - |

| tract No. HY/201 | 13/U4 HZIVIB F | TRBCF - Inirasi | tructure won | ks Stage II (St | butnern Portior | 1) | | VV | ater Quality Monito | ning Data | | | | | | | | Page 11 |
|----------------------|----------------|-----------------|--------------|------------------|--|--------------------|-------------------------|------------|---------------------------|------------|----------------|--------------|----------------------|-------------------|--|-------------------------------------|--------------|------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (dept averaged) |
| | | | | | | | Surface | 1st | 23.2 | 8.2 | 28.9 | 7.0 | 7.0 | 96.2 | 9.9 | 13.6 | 24.1 | 23.9 |
| | | | | | | | Surface | 2nd | 23.3 | 8.2 | 29.6 | 7.0 | | 96.5 | 9.8 | | 24.4 | |
| 2018-12-07 | Mid-Flood | SR6 | Rainy | Moderate | 8:39 | 4.4 | Middle | 1st | - | - | - | - | | - | - | | - | |
| | | | 1 | | | | Middle | 2nd | - | 8.2 | - 20.0 | 6.9 | 6.9 | 95.8 | - 47.0 | | 23.6 | |
| | | | | | | | Bottom Bottom | 1st 2nd | 23.3 23.3 | 8.2 | 29.0 29.7 | 6.9 | 6.9 | 95.8 | 17.2 17.6 | 4 | 23.6 | |
| | 1 | | | + | | | Surface | 1st | 23.4 | 8.1 | 27.2 | 6.7 | 6.7 | 91.8 | 7.8 | 9.3 | 24.3 | 23.2 |
| | | | | | | | Surface | 2nd | 23.5 | 8.1 | 27.9 | 6.7 | 0.7 | 92.0 | 7.6 | 3.5 | 23.6 | 25.2 |
| | | | | | | | Middle | 1st | 23.4 | 8.2 | 27.6 | 6.8 | | 93.0 | 8.8 | | 22.1 | |
| 2018-12-07 | Mid-Flood | CS(Mf)3(N) | Rainy | Moderate | 8:18 | 7.3 | Middle | 2nd | 23.5 | 8.2 | 28.3 | 6.7 | | 93.3 | 8.6 | | 23.0 | |
| | | | | | | | Bottom | 1st | 23.4 | 8.2 | 28.8 | 6.8 | 6.8 | 94.3 | 11.3 | 1 | 23.1 | |
| | | | | | | | Bottom | 2nd | 23.4 | 8.2 | 29.5 | 6.8 | | 94.4 | 11.4 | | 22.8 | |
| | | | | | | | Surface | 1st | 23.5 | 8.2 | 28.7 | 6.7 | 6.7 | 92.9 | 5.4 | 6.3 | 20.2 | 20.3 |
| | | | | | | | Surface | 2nd | 23.5 | 8.2 | 29.5 | 6.7 | | 93.3 | 5.3 | | 21.0 | |
| 2018-12-07 | Mid-Flood | SR5(N) | Rainy | Moderate | 7:47 | 9.2 | Middle | 1st | 23.5 | 8.2 | 28.8 | 6.6 | | 91.9 | 6.4 | | 21.6 | |
| | | , | | | | | Middle | 2nd | 23.5 | 8.2 | 29.6 | 6.6 | | 92.2 | 6.2 | | 21.9 | |
| | | | | | | | Bottom | 1st | 23.5 | 8.2 | 28.9 | 6.6 | 6.6 | 92.2 | 7.1 | | 18.6 | |
| | | | | + | | | Bottom Surface | 2nd 1st | 23.5 23.5 | 8.2 8.2 | 29.7 28.2 | 6.6 6.7 | 6.7 | 92.4 92.0 | 7.1 6.1 | 6.7 | 18.7 10.0 | 9.2 |
| | | | | 1 | 1 | | Surface | 2nd | 23.5 | 8.2 | 28.2 | 6.7 | ٠./ | 92.0 | 6.1 | 6.7 | 9.4 | 9.2 |
| | | | | 1 | 1 | | Middle | 1st | 23.5 | 8.2 | 28.9 | 6.6 | 1 | 92.5 | 6.2 | 1 | 9.4 | 1 |
| 2018-12-07 | Mid-Flood | IS10(N) | Rainy | Moderate | 7:42 | 12.4 | Middle | 2nd | 23.5 | 8.1 | 29.4 | 6.6 | 1 | 92.3 | 6.7 | 1 | 9.8 | 1 |
| | | | | 1 | | | Bottom | 1st | 23.5 | 8.1 | 28.8 | 6.7 | 6.7 | 92.5 | 7.3 | 1 | 8.4 | 1 |
| | | | | | | | Bottom | 2nd | 23.6 | 8.1 | 29.5 | 6.7 | | 92.8 | 7.9 | | 8.1 | |
| | | | | | | | Surface | 1st | 23.5 | 8.2 | 28.1 | 6.7 | 6.7 | 91.9 | 5.9 | 10.8 | 11.5 | 11.1 |
| | | | | | | | Surface | 2nd | 23.5 | 8.2 | 28.8 | 6.7 | | 92.3 | 5.4 | | 11.0 | |
| 2018-12-07 | Mid-Flood | IS(Mf)11 | Rainy | Moderate | 7:33 | 11.6 | Middle | 1st | 23.5 | 8.2 | 28.8 | 6.6 | | 91.9 | 8.6 | | 11.2 | |
| 2010-12-07 | Wild-I 100d | 13(1011)111 | ixality | Moderate | 7.55 | 11.0 | Middle | 2nd | 23.5 | 8.2 | 29.5 | 6.6 | | 92.2 | 8.2 | | 11.7 | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 28.9 | 6.6 | 6.6 | 92.0 | 18.6 | | 10.0 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 29.7 | 6.6 | | 92.1 | 18.3 | | 11.0 | |
| | | | | | | | Surface | 1st | 23.1 | 8.2 | 30.1 | 6.5 | 6.5 | 90.2 | 5.6 | 6.5 | 10.6 | 9.0 |
| | | | | | | | Surface | 2nd | 23.4 | 8.1 8.1 | 29.8 | 6.5 | _ | 91.0 | 5.9 | | 10.7 9.8 | |
| 2018-12-07 | Mid-Flood | CS(Mf)5 | Cloudy | Moderate | 7:02 | 12.7 | Middle Middle | 1st 2nd | 23.1 23.4 | 8.1 | 30.8 30.5 | 6.4 | 4 | 89.9 90.4 | 6.8 7.0 | | 9.8 | |
| | | | - | | | | Bottom | 1st | 23.4 | 8.1 | 30.5 | 6.5 6.5 | 6.6 | 90.4 | 6.9 | 4 | 6.5 | |
| | | | | | | | Bottom | 2nd | 23.4 | 8.1 | 30.6 | 6.6 | 0.0 | 91.7 | 7.0 | 1 | 6.6 | |
| | | | | | | | Surface | 1st | 23.4 | 8.2 | 28.7 | 6.7 | 6.7 | 92.2 | 6.2 | 7.8 | 10.0 | 9.7 |
| | | | | | | | Surface | 2nd | 23.5 | 8.2 | 29.5 | 6.6 | · · · · | 92.5 | 6.0 | | 9.7 | 0 |
| 0040 40 07 | Maria Electric | 0.07 | D. J. | | 7.05 | 4.5 | Middle | 1st | - | - | - | - | | - | - | 1 | - | |
| 2018-12-07 | Mid-Flood | SR7 | Rainy | Moderate | 7:25 | 4.5 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.5 | 8.1 | 28.8 | 6.7 | 6.7 | 92.6 | 9.6 | | 9.2 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 29.6 | 6.7 | | 92.7 | 9.3 | | 9.9 | |
| | | | | | | | Surface | 1st | 23.2 | 8.2 | 29.8 | 6.5 | 6.5 | 90.2 | 8.4 | 8.3 | 7.4 | 7.4 |
| | | | | | | | Surface | 2nd | 23.5 | 8.1 | 29.5 | 6.5 | | 90.9 | 8.2 | | 7.0 | |
| 2018-12-07 | Mid-Flood | IS17 | Cloudy | Moderate | 7:21 | 10.2 | Middle | 1st | 23.2 | 8.2 | 30.3 | 6.5 | _ | 90.2 | 8.6 8.4 | | 7.0 | |
| | | | - | | | | Middle Bottom | 2nd 1st | 23.5 23.2 | 8.1 8.1 | 30.0 30.4 | 6.5 6.5 | 6.5 | 90.7 90.8 | 8.2 | 4 | 7.5 7.5 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 30.4 | 6.5 | 6.5 | 91.4 | 8.2 | 1 | 8.1 | |
| | + | | | | | | Surface | 1st | 23.1 | 8.1 | 29.5 | 6.6 | 6.6 | 91.6 | 8.3 | 9.7 | 5.5 | 6.0 |
| | | | | | | | Surface | 2nd | 23.4 | 8.1 | 29.2 | 6.6 | 0.0 | 92.3 | 8.1 | 3.7 | 6.1 | 0.0 |
| | | 10/140 40 | | | 7.00 | | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2018-12-07 | Mid-Flood | IS(Mf)16 | Cloudy | Calm | 7:30 | 5.7 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 23.2 | 8.2 | 30.0 | 6.6 | 6.6 | 91.9 | 11.1 | 1 | 6.4 | |
| | | | | | | | Bottom | 2nd | 23.5 | 8.1 | 29.7 | 6.6 | | 92.2 | 11.2 | | 6.1 | |
| | | | | | | | Surface | 1st | 23.1 | 8.2 | 29.5 | 6.7 | 6.7 | 93.2 | 10.1 | 12.0 | 6.1 | 6.0 |
| | | | | 1 | 1 | | Surface | 2nd | 23.4 | 8.1 | 29.2 | 6.7 | 1 | 93.4 | 10.1 | 1 | 6.7 |] |
| 2018-12-07 | Mid-Flood | IS8 | Cloudy | Calm | 7:52 | 4.5 | Middle | 1st | - | - | - | - | 1 | - | - | 1 | - | |
| | | | J.Juay | | | | Middle | 2nd | - | - | - | - | ļ | - | - | 1 | - | |
| | | | | 1 | | | Bottom | 1st | 23.1 | 8.2 | 29.5 | 6.9 | 6.9 | 96.0 | 13.8 | 4 | 5.2 | 4 |
| | 1 | | | + | ļ | ļ | Bottom | 2nd | 23.4 | 8.1 | 29.2 | 6.9 | 0.0 | 96.0 | 13.9 | 0.4 | 5.9 | 4.0 |
| | | | | 1 | 1 | | Surface | 1st | 23.1 | 8.2 | 29.4 | 6.6 | 6.6 | 91.7 | 5.7 | 6.1 | 4.3 4.9 | 4.3 |
| | | | | 1 | 1 | | Surface Middle | 2nd 1st | 23.4 | 8.1 | 29.1 | 6.6 | 1 | 91.9 | 6.0 | 1 | 4.9 | 1 |
| 2018-12-07 | Mid-Flood | SR4(N) | Cloudy | Calm | 7:45 | 4.3 | Middle | 2nd | - | | + | - | 1 | | | 1 | 4.2 | 1 |
| | | | | 1 | 1 | | Bottom | 1st | 23.1 | 8.2 | 29.4 | 6.8 | 6.8 | 94.4 | 6.2 | 1 | 3.8 | 1 |
| | 1 | | | 1 | | | Bottom | 2nd | 23.4 | 8.1 | 29.1 | 6.8 | 1 0.0 | 94.3 | 6.3 | 1 | - | 1 |
| | 1 | · | | | | 1 | | | | J. 1 | | J.0 | 1 | U T.O | . 5.0 | 1 | 1 | 1 |

| Company Comp | tract No. HY/201 | T T T T T T T T T T T T T T T T T T T | TROUT - IIIIas | Tucture work | s stage II (su | | 1) | 1 | T VV | ater Quality Monito | iling Data | 1 | | | 1 | 1 | 1 | | Page 12 o |
|--|------------------|---------------------------------------|----------------|--|----------------|--------------|------|---------|-----------|---------------------|------------|----------------|-----------|--------------|------|-----------------|----------|------|--------------------------------|
| Section Sect | | Tide | Station | Weather | | | | | Replicate | | рН | Salinity (ppt) | DO (mg/L) | | | Turbidity (NTU) | | ss | SS (mg/L) (depth- averaged) |
| 2016-12-07 Me-flood Significant Sign | | | | | | | | | | | | | | 6.8 | | | 13.0 | | 9.1 |
| Marting Mart | | | | | | | | | | | | | | | | | | | |
| Marting Mart | 2018-12-07 | Mid-Flood | IS(Mf)9 | Rainy | Calm | 7:59 | 4.3 | | | | | | | _ | | - | | | |
| Marting Mart | | | ` , | , | | | | | | | | | | 0.0 | | - 444 | | | |
| Mac Floor 157 Part Par | | | | | | | | | | | | | | 6.9 | | | | | |
| 2016-12-07 Mof Flood Sign Rany Calm Riff 2.9 Moderate 2. | | | | | | | | | | | | 29.3 | | 6.0 | | | 6.1 | | 5.6 |
| 2016-12-07 Mof-Flood 167 Mof-Flood 168 | | | | | | | | | | | | - | - | 0.5 | | | 0.1 | - | 5.0 |
| Mart | 0040 40 07 | NAC A Fig | 107 | Delevi | 0-1 | 0.07 | 0.0 | | | 23.0 | 8.2 | 29.4 | 6.9 | | 94.7 | | | 5.2 | |
| Second S | 2018-12-07 | IVIId-F100d | 157 | Rainy | Caim | 8:07 | 2.9 | Middle | 2nd | 23.3 | 8.1 | 29.2 | 6.8 | | 94.9 | 6.0 | | 6.0 | |
| Math | | | | | | | | Bottom | | - | - | - | - | - | - | - | | - | |
| 2016-12-07 Mid-Flood 16-04 Mid-Flood 16-05 Mid | | | | | | | | | | | | | | | | | | | |
| 2016-12-07 Mod-Flood Modelle Mod | | | | | | | | | | | | | | 6.8 | | | 8.8 | | 5.3 |
| Model Mode | | | | | | | | | | | | | | | | | | | |
| Second S | 2018-12-07 | Mid-Flood | IS(Mf)6 | Rainy | Calm | 8:17 | 2.7 | | | | | | | | | | | | |
| Part | | | | | | | | | | | | 29.5 | | | | | | | |
| Surface 141 232 82 98 97 67 67 424 76 79 63 | | | | | | | | | | | | - | | - | | | | | |
| 2018-12-07 Mid-Flood SS | | | + | - | t | † | | | | | | 29.8 | | 6.7 | | | 7.9 | | 7.0 |
| 2018-12-07 Mid-Flood Mid-F | | | 1 | | | I | | | | | | | | 1 | | | 1 | | 7.0 |
| Mail | 2040 42 27 | Mid Fig. 1 | 105 | Delan | Color | 0.04 | | | | | | | | 1 | | | 1 | | |
| Bellow Park | 2018-12-07 | IVIId-F100d | 155 | Rainy | Caim | 8:24 | 8.2 | | | | | | | | | | | | |
| Mid-Ebb Mid-Ebb SR108/N2 Rainy Calm | | | | | | | | Bottom | | | | | | 6.8 | | | | | |
| Mid-Flood SR3(N) Rairy Cam Rair As Rair As As As As As As As A | | | | | | | | | | | | | | | | | | | |
| 2018-12-10 Mid-Flood SR3(N) Rairy Calm | | | | | | | | | | | | | | 6.7 | | | 7.2 | | 7.1 |
| Mid-Ebb SR10R N2 Cloudy Moderate 15:02 Hadde 2nd | | | | | | | | | | 23.5 | 8.0 | 29.5 | | | 92.8 | 7.2 | | 7.4 | |
| Mid-Ebb SR10A(N) Cloudy Moderate 15:08 Moderate 15:08 Moderate 15:08 Moderate 15:08 Moderate 15:08 Moderate 16:08 | 2018-12-07 | Mid-Flood | SR3(N) | Rainy | Calm | 8:31 | 4.3 | | | | | _ | | _ | | | | | |
| Second S | | | () | . , | | | | | | | | | | 0.7 | | | | | |
| Nide Part | | | | | | | | | | | | | | 6.7 | | | | | |
| Surface 2nd 223 8.2 31.6 6.8 93.3 5.9 10.0 | | | | | | | | | | | | | | 6.9 | | | 6.5 | | 11.4 |
| Mid-Ebb SR10A(N) Cloudy Moderate 15:02 11.5 Middle 1st 22:3 8.2 32.4 6.8 93.9 6.7 93.9 6.8 10.8 10.9 13.7 10.9 10.8 10.9 10.8 10.9 10.8 10.9 10.8 10.9 10.8 10.9 10.9 10.8 10.9 10.9 10.8 10.9 10. | | | | | | | | | | | | | | 0.0 | | | 0.5 | | 11.4 |
| Mid-Ebb SR10A(N) Cloudy Moderate 15:02 Noderate 15:02 Noderate 15:03 | | | | | | | | | | | | | | 1 | | | | | |
| Bottom 1st 22.3 8.2 32.4 6.9 6.9 95.4 6.8 13.7 13. | 2018-12-10 | Mid-Ebb | SR10A(N) | Cloudy | Moderate | 15:02 | 11.5 | | | | | | | 1 | | | | | |
| Surface 1st 22.3 8.2 32.4 6.8 6.8 94.0 6.4 6.3 8.5 | | | | | | | | Bottom | | | | | | 6.9 | 95.4 | | | | |
| Second S | | | | | | | | Bottom | 2nd | 22.2 | 8.2 | 31.6 | 6.9 | | 94.8 | 6.6 | | 13.4 | |
| 2018-12-10 Mid-Ebb SR10B(N2) Cloudy Moderate 15:08 6.8 Middle 1st 22:3 8.2 32:4 6.8 94:5 6.3 94:6 6.2 6.8 6.6 Middle 2nd 22:3 8.2 31:6 6.9 94:5 6.3 94:6 6.2 7.7 94:1 7.4 94:1 7.4 94:1 7.5 94:1 7.4 94:1 7.5 94:1 7.8 94:5 6.3 94:6 6.2 7.7 94:1 7.4 94:1 7.8 94:5 6.3 94:6 6.2 7.7 94:1 7.4 94:1 7.8 94:5 6.3 94:6 6.2 94:6 6.2 94:6 6.2 94:6 6.2 94:6 6.2 94:6 6.2 94:6 6.2 94:6 6.2 94:6 94:6 6.2 94:6 94:6 6.2 94:6 94:6 6.2 94:6 | | | | | | | | Surface | 1st | 22.3 | 8.2 | 32.4 | 6.8 | 6.8 | | | 6.3 | | 8.2 |
| Mid-Ebb NRTue N2 Moderate 15:08 NRTue N2 Moderate 15:08 NRTue N2 Numbers Numbers NRTue N2 Numbers Numb | | | | | | | | | | | | | | | | | | | |
| Mid-Ebb CSA Cloudy Moderate 14:36 Moder | 2018-12-10 | Mid-Ebb | SR10B(N2) | Cloudy | Moderate | 15:08 | 6.8 | | | | | | | | | | | | |
| Bottom 2nd 22.3 8.2 31.6 7.0 96.0 6.1 7.4 | | | | , | | | | | | | | | | | | | | | |
| Surface 1st 22.4 8.1 32.2 6.7 6.7 93.1 7.8 8.3 5.3 5.7 | | | | | | | | | | | | | | 7.0 | | | | | |
| Surface Surf | | + | - | - | - | - | | | | | | | | 6.7 | | | 0.2 | | 6.8 |
| Mid-Ebb CSA Cloudy Moderate 14:46 31.8 Middle 1st 22.4 8.1 32.3 6.7 93.3 8.3 8.4 6.5 | | | | | | | | | | | | | | 0.7 | | | 0.3 | | 0.0 |
| Mid-Eul Mid-Eul Mid-Eul Mid-Eul Mid-Eul Mid-Eul CSA Cloudy Moderate 14:36 Bottom 1st 22.4 8.1 32.3 6.7 93.3 8.4 8.5 8.5 | | | | | | | | | | | | | | 1 | | | | | |
| Bottom 1st 22.4 8.1 32.4 6.8 6.8 94.3 8.6 8.5 | 2018-12-10 | Mid-Ebb | CSA | Cloudy | Moderate | 14:46 | 31.8 | | | | | | | 1 | | | | | |
| Note Continue | | | 1 | | | I | | | | | | | | 6.8 | | | | | |
| Note Part | | | | | | | | | | | | | | | | | | | |
| 2018-12-10 Mid-Ebb CS6 Cloudy Moderate 14:36 P.6 Middle 1st 22.4 8.1 32.3 6.8 P4.2 8.5 P4.1 8.4 6.9 P4.1 8.4 6.9 P4.1 8.4 P5.1 P5.1 P5.1 P5.1 P5.1 P5.1 P5.1 P5.1 | · | | _ | | _ | | | | | | | | | 6.8 | | | 8.8 | | 7.1 |
| Mid-Ebb CS6 | | | 1 | | | I | | | | | | | | 4 | | | | | |
| Mid-Ebb CS4 Cloudy Rough 13:43 17.9 Mid-Ebb SR6 Cloudy Rough 13:15 4.4 Mid-Ebb SR6 Cloudy Rough | 2018-12-10 | Mid-Ebb | CS6 | Cloudy | Moderate | 14:36 | 9.6 | | | | | | | 4 | | | | | |
| Bottom 2nd 22.4 8.1 32.3 6.9 95.8 9.7 6.4 | | | | , | | | | | | | | | | 0.0 | | | | | |
| 2018-12-10 Mid-Ebb | | | | | 1 | 1 | | | | | | | | 6.9 | | | 1 | | |
| 2018-12-10 Mid-Ebb CS4 Cloudy Rough I 13:43 | | 1 | | | | | 1 | | | | | | | 6.9 | | | 11 / | | 7.8 |
| 2018-12-10 Mid-Ebb CS4 Cloudy Rough 13:43 17.9 Middle 1st 22.1 8.0 31.4 6.8 93.0 11.8 7.0 Middle 2nd 22.1 8.0 31.4 6.8 93.0 11.8 93.0 11.8 7.0 7.4 Ebb SR6 Cloudy Rough 13:43 17.9 Middle 1st 22.2 8.0 31.5 6.9 95.4 13.2 9.2 8.0 31.5 6.9 95.4 13.3 8.0 31.4 7.2 7.2 97.1 16.6 17.5 26.7 Surface 1st 21.3 8.0 31.4 7.2 7.2 97.1 16.6 25.9 Ebb SR6 Cloudy Rough 13:15 4.4 Middle 1st | | | 1 | | | I | | | | | | | | 0.9 | | | 1 ''." | | 7.0 |
| Mid-Ebb CS4 Cloudy Rough 13:43 17.9 Middle 2nd 22.1 8.0 31.4 6.8 93.0 11.9 7.4 | 004045 | | 0.5 | | I | | 4 | | | | | | | 1 | | | 1 | | 1 |
| Bottom 1st 22.2 8.0 31.5 6.9 6.9 95.4 13.2 9.2 Bottom 2nd 22.2 8.0 31.5 6.9 95.2 13.3 8.6 Surface 1st 21.3 8.0 31.4 7.2 7.2 97.1 16.6 17.5 26.7 Surface 2nd 21.3 8.0 31.4 7.2 97.1 16.6 25.9 Mid-Ebb SR6 Cloudy Rough 13:15 4.4 Middle 2nd | ∠018-12-10 | Mid-Epp | US4 | Cloudy | Rough | 13:43 | 17.9 | | | | | | | 1 | | | 1 | | 1 |
| Bottom 2nd 22.2 8.0 31.5 6.9 95.2 13.3 8.6 Surface 1st 21.3 8.0 31.4 7.2 7.2 97.1 16.6 17.5 26.7 Surface 2nd 21.3 8.0 31.4 7.2 97.1 16.6 25.9 Mid-Ebb SR6 Cloudy Rough 13:15 4.4 Middle 1st | | | 1 | | | I | | | | | | | | 6.9 | | |] | |] |
| Surface 1st 21.3 8.0 31.4 7.2 7.2 97.1 16.6 17.5 26.7 Surface 2nd 21.3 8.0 31.4 7.2 7.2 97.1 16.6 25.9 Mid-Ebb SR6 Cloudy Rough 13:15 4.4 Sind Cloudy Rough 13:15 Sind Cl | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | | 22.2 | 8.0 | 31.5 | 6.9 | | 95.2 | 13.3 | <u> </u> | 8.6 | |
| 2018-12-10 Mid-Ebb SR6 Cloudy Rough 13:15 4.4 Middle 1st | | | | | | | | Surface | 1st | 21.3 | 8.0 | 31.4 | 7.2 | 7.2 | 97.1 | 16.6 | 17.5 | 26.7 | 26.5 |
| 2018-12-10 MId-Ebb SR6 Cloudy Rough 13:15 4.4 Middle 2nd | | | 1 | | | I | | | | 21.3 | | 31.4 | | 1 | | 16.6 | [| 25.9 | |
| Middle Zfld | 2018-12-10 | Mid-Fhh | SR6 | Cloudy | Rough | 13:15 | 4.4 | | | | | | | 4 | | | | | |
| | _0.0 .2 10 | | | J.500y | ougii | .5.10 | | | | | | | | <u> </u> | | | | | |
| Bottom 2nd 21.3 8.0 31.4 7.2 7.5 97.5 18.4 26.8 | | I | I | | I | I | | Bottom | 1st | 21.3 | 8.0 | 31.4 | 7.2 | 7.2 | 97.5 | 18.4 | | 26.6 | |

| tract No. HY/201 | 13/04 HZMB F | HKBCF – Intrast | ructure vvork | s Stage II (So | utnern Portior | 1) | 1 | VV | ater Quality Monito | oring Data | | | 1 | 1 | 1 | | ı | Page 13 c |
|----------------------|--------------|-----------------|---------------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|-------------------|-----------------|-------------------------------------|--------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 21.5 | 8.0 | 30.6 | 7.1 | 7.2 | 96.5 | 16.2 | 16.8 | 20.3 | 22.1 |
| | | | | | | | Surface | 2nd | 21.5 | 8.0 | 30.6 | 7.1 | | 96.3 | 15.9 | | 19.4 | |
| 2018-12-10 | Mid-Ebb | CS(Mf)3(N) | Cloudy | Rough | 13:29 | 6.7 | Middle | 1st | 21.4 | 8.0 | 30.8 | 7.3 | | 98.7 | 17.3 | | 20.4 | |
| | | . , , , | | Ü | | | Middle | 2nd | 21.4 | 8.0 | 30.8 | 7.3 | 7.5 | 98.2 | 17.1 | | 21.8 | = |
| | | | | | | | Bottom Bottom | 1st 2nd | 21.4 21.4 | 8.0 8.0 | 30.9 30.9 | 7.5 7.5 | 7.5 | 101.1 100.8 | 17.1 17.2 | | 25.0 25.6 | - |
| | | | | | | | Surface | 1st | 21.7 | 8.0 | 30.9 | 6.9 | 6.9 | 93.8 | 10.0 | 11.3 | 7.6 | 8.2 |
| | | | | | | | Surface | 2nd | 21.7 | 8.0 | 30.9 | 6.9 | 0.3 | 93.9 | 9.9 | 11.5 | 7.6 | 0.2 |
| 0040 40 40 | AND THE | 005(N) | 01 | Mandanata | 44.00 | 0.0 | Middle | 1st | 21.8 | 8.0 | 31.0 | 6.9 | | 93.6 | 11.4 | | 8.2 | |
| 2018-12-10 | Mid-Ebb | SR5(N) | Cloudy | Moderate | 14:00 | 8.8 | Middle | 2nd | 21.8 | 8.0 | 31.0 | 6.9 | | 93.6 | 11.4 | | 8.7 | |
| | | | | | | | Bottom | 1st | 21.9 | 8.0 | 31.2 | 7.1 | 7.1 | 96.9 | 12.5 | | 8.3 | |
| | | | | | | | Bottom | 2nd | 21.9 | 8.0 | 31.2 | 7.1 | | 96.7 | 12.5 | | 9.0 | |
| | | | | | | | Surface | 1st | 21.7 | 8.1 | 30.9 | 6.9 | 6.9 | 93.9 | 10.0 | 10.9 | 8.9 | 9.3 |
| | | | | | | | Surface | 2nd | 21.7 | 8.1 | 30.9 | 6.9 | | 93.9 | 9.9 | | 8.2 | |
| 2018-12-10 | Mid-Ebb | IS10(N) | Cloudy | Moderate | 14:06 | 12.1 | Middle | 1st | 21.8 | 8.1 | 31.0 | 6.9 | _ | 94.5 94.4 | 11.0 | | 9.6 | - |
| | | | | | | | Middle Bottom | 2nd 1st | 21.8 21.8 | 8.1 8.1 | 31.0 31.0 | 6.9 7.0 | 7.0 | 94.4 95.5 | 10.8 11.9 | | 9.2 10.2 | = |
| | | | | | | | Bottom | 2nd | 21.8 | 8.1 | 31.0 | 7.0 | 7.0 | 95.3 | 11.9 | | 9.6 | - |
| | | | | | | | Surface | 1st | 21.7 | 8.1 | 30.9 | 6.9 | 6.9 | 93.9 | 10.3 | 11.3 | 11.2 | 15.7 |
| | | | | | | | Surface | 2nd | 21.7 | 8.1 | 30.9 | 6.9 | 0.5 | 93.9 | 10.2 | 11.0 | 11.4 | 10.7 |
| 0040 40 40 | AND THE | 10/140/44 | 01 | Mandanata | 44.40 | | Middle | 1st | 21.9 | 8.1 | 31.1 | 6.9 | | 93.7 | 11.8 | | 12.1 | |
| 2018-12-10 | Mid-Ebb | IS(Mf)11 | Cloudy | Moderate | 14:12 | 11.1 | Middle | 2nd | 21.8 | 8.1 | 31.0 | 6.9 | | 93.6 | 11.7 | | 12.8 | |
| | | | | | | | Bottom | 1st | 21.9 | 8.1 | 31.2 | 7.0 | 7.0 | 95.2 | 11.9 | | 23.8 | |
| | | | | | | | Bottom | 2nd | 22.0 | 8.1 | 31.2 | 6.9 | | 95.0 | 12.0 | | 22.9 | |
| | | | | | | | Surface | 1st | 22.2 | 8.2 | 31.9 | 6.8 | 6.8 | 93.7 | 5.1 | 4.9 | 7.7 | 8.4 |
| | | | | | | | Surface | 2nd | 22.1 | 8.2 | 31.1 | 6.8 | | 93.4 | 4.8 | | 8.0 | |
| 2018-12-10 | Mid-Ebb | CS(Mf)5 | Cloudy | Moderate | 14:32 | 12.3 | Middle | 1st | 22.3 | 8.2 | 32.2 | 6.8 | _ | 93.9 | 4.3 | | 8.1 | - |
| | | , , | , | | | | Middle | 2nd | 22.2 | 8.2 | 31.3 | 6.8 | | 93.6 | 4.5 | | 8.2 | 4 |
| | | | | | | | Bottom Bottom | 1st 2nd | 22.3 22.2 | 8.2 8.2 | 32.2 31.4 | 7.0 7.0 | 7.0 | 96.8 96.6 | 5.2 5.3 | | 9.0 9.2 | |
| | | | | | | | Surface | 1st | 22.0 | 8.1 | 31.3 | 6.9 | 6.9 | 94.1 | 10.6 | 11.1 | 10.3 | 10.5 |
| | | | | | | | Surface | 2nd | 22.0 | 8.1 | 31.3 | 6.9 | 0.9 | 93.9 | 10.5 | 11.1 | 11.0 | 10.5 |
| | | | | | | | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2018-12-10 | Mid-Ebb | SR7 | Cloudy | Moderate | 14:18 | 4.0 | Middle | 2nd | - | - | - | - | - | - | - | | - | 1 |
| | | | | | | | Bottom | 1st | 22.1 | 8.1 | 31.5 | 6.9 | 6.9 | 94.9 | 11.6 | | 10.8 | |
| | | | | | | | Bottom | 2nd | 22.1 | 8.1 | 31.5 | 6.9 | | 94.7 | 11.5 | | 9.7 | |
| | | | | | | | Surface | 1st | 21.9 | 8.2 | 31.3 | 6.8 | 6.8 | 93.3 | 5.9 | 6.3 | 7.5 | 9.0 |
| | | | | | | | Surface | 2nd | 21.9 | 8.2 | 30.5 | 6.8 | | 93.1 | 6.1 | | 7.8 | |
| 2018-12-10 | Mid-Ebb | IS17 | Cloudy | Moderate | 14:14 | 9.6 | Middle | 1st | 22.1 | 8.2 | 31.5 | 6.8 | | 93.8 | 6.2 | | 8.8 | |
| | | | , | | | | Middle | 2nd | 22.0 | 8.2 | 30.7 | 6.8 | | 93.5 | 6.4 | | 9.3 | 4 |
| | | | | | | | Bottom | 1st 2nd | 22.1 22.0 | 8.2 8.2 | 31.6 30.8 | 7.0 7.1 | 7.1 | 96.8 96.5 | 6.5 6.5 | | 10.0 10.8 | |
| | | | | | | | Bottom Surface | 1st | 21.6 | 8.2 | 31.0 | 7.1 | 7.0 | 95.2 | 7.2 | 7.3 | 6.1 | 6.7 |
| | | | | | | | Surface | 2nd | 21.6 | 8.2 | 30.3 | 7.0 | 7.0 | 95.1 | 7.2 | 7.5 | 6.6 | 0.7 |
| | | | | | | | Middle | 1st | - | - | - | - | - | - | - | | - | 1 |
| 2018-12-10 | Mid-Ebb | IS(Mf)16 | Cloudy | Calm | 14:08 | 5.7 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| ! | | | | | I | ĺ | Bottom | 1st | 21.6 | 8.2 | 31.0 | 7.2 | 7.2 | 97.6 | 7.4 |] | 7.3 | |
| | | | | | | | Bottom | 2nd | 21.5 | 8.2 | 30.3 | 7.2 | | 97.1 | 7.4 | | 6.8 | |
| | | | | | | | Surface | 1st | 21.4 | 8.2 | 30.7 | 7.1 | 7.1 | 95.4 | 6.3 | 6.9 | 7.9 | 7.6 |
| | | | | | | | Surface | 2nd | 21.3 | 8.2 | 29.8 | 7.1 | | 95.2 | 6.1 | | 7.8 | |
| 2018-12-10 | Mid-Ebb | IS8 | Cloudy | Calm | 13:47 | 3.7 | Middle | 1st | - | - | - | - | _ | - | - | | - | 4 |
| | | | | | | | Middle | 2nd | 21.4 | 8.2 | 30.8 | - | 7.0 | 97.7 | 7.4 | | 7.7 | 4 |
| | | | | | | | Bottom Bottom | 1st 2nd | 21.4 | 8.2 | 30.8 | 7.2 7.2 | 7.2 | 97.7 | 7.7 | | 7.0 | - |
| | 1 | | | | | | Surface | 1st | 21.4 | 8.2 | 30.0 | 7.2 | 7.0 | 97.5 | 5.5 | 5.3 | 10.6 | 9.0 |
| ! | | | | | I | ĺ | Surface | 2nd | 21.1 | 8.2 | 29.5 | 7.0 | 1 '.0 | 93.8 | 5.2 | 5.5 | 10.0 | 9.0 |
| 0040 40 40 | NAC 4 TO 1 | 00.445 | 01- 1 | | 40.50 | | Middle | 1st | - | - | - | - | 1 | - | - | 1 | - | 1 |
| 2018-12-10 | Mid-Ebb | SR4(N) | Cloudy | Calm | 13:53 | 3.6 | Middle | 2nd | - | - | - | - | 1 | - | - | 1 | - | 1 |
| | | | | | I | ĺ | Bottom | 1st | 21.1 | 8.2 | 30.2 | 7.2 | 7.2 | 96.2 | 5.3 | 1 | 7.5 |] |
| | | 1 | i | 1 | 1 | I | Bottom | 2nd | 21.1 | 8.2 | 29.5 | 7.2 | | 95.4 | 5.2 | <u></u> | 7.7 | <u> </u> |
| | | <u> </u> | | <u> </u> | | | | | | 8.2 | 30.8 | 6.9 | 6.9 | 00.7 | | | | 0.0 |
| | | | | | | | Surface | 1st | 21.6 | | | | 0.3 | 93.7 | 8.5 | 9.0 | 8.3 | 9.0 |
| | | | | | | | Surface | 2nd | 21.6 | 8.2 | 30.0 | 6.9 | 0.3 | 93.7 | 8.1 | 9.0 | 8.1 | 9.0 |
| 2018-12-10 | Mid-Ebb | IS(Mf)9 | Cloudy | Calm | 13:41 | 3.5 | Surface Middle | 2nd 1st | 21.6 | 8.2 | 30.0 | 6.9 | 0.3 | 93.6 | 8.1 | 9.0 | 8.1 - | 9.0 |
| 2018-12-10 | Mid-Ebb | IS(Mf)9 | Cloudy | Calm | 13:41 | 3.5 | Surface | 2nd | 21.6 | 8.2 | 30.0 | 6.9 | 7.0 | 93.6 | 8.1 | 9.0 | 8.1 | 9.0 |

| tract No. HY/201 | 13/04 HZIVID I | II III III III II III II II II II II II | | o clage ii (co | · · · · · · · · · · · · · · · · · · · | 1) | | V V | ater Quality Monito | ning Data | | | | | | | | Page 14 of |
|----------------------|--|---|---------|------------------|---------------------------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|----------------------|-----------------|-------------------------------------|------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | SS | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | - | - | - | - | 7.1 | - | - | 5.4 | 1 | 6.0 |
| | | | | | | | Surface | 2nd | - | - | - | - | | - | - | | - | |
| 2018-12-10 | Mid-Ebb | IS7 | Cloudy | Calm | 13:34 | 2.8 | Middle | 1st | 21.4 | 8.2 | 30.4 | 7.1 | | 96.0 | 5.2 | | 6.1 | |
| | | _ | | | | | Middle | 2nd | 21.4 | 8.2 | 29.6 | 7.1 | | 95.4 | 5.5 | | 5.9 | |
| | | | | | | | Bottom Bottom | 1st 2nd | - | - | - | - | - | - | - | | - | |
| | | | | | | | Surface | 1st | - | | - | | 7.0 | - | - | 6.0 | - | 5.4 |
| | | | | | | | Surface | 2nd | - | - | - | - | 7.0 | - | - | 0.0 | - | 5.4 |
| | | 10/14/10 | | 0.1 | 40.00 | | Middle | 1st | 21.2 | 8.2 | 30.2 | 7.0 | | 93.4 | 6.0 | | 5.5 | |
| 2018-12-10 | Mid-Ebb | IS(Mf)6 | Cloudy | Calm | 13:28 | 2.6 | Middle | 2nd | 21.1 | 8.2 | 29.4 | 7.0 | | 93.4 | 6.0 | | 5.3 | |
| | | | | | | | Bottom | 1st | - | 1 | - | • | - | - | - | | 1 | |
| | | | | | | | Bottom | 2nd | - | - | - | - | | - | - | | | |
| | | | | | | | Surface | 1st | 21.4 | 8.2 | 30.2 | 6.8 | 6.8 | 91.5 | 6.3 | 6.3 | 7.7 | 7.1 |
| | | | | | | | Surface | 2nd | 21.3 | 8.2 | 29.4 | 6.8 | | 91.2 | 6.3 | | 7.4 | |
| 2018-12-10 | Mid-Ebb | IS5 | Cloudy | Calm | 13:22 | 8.6 | Middle | 1st | 21.3 | 8.2 | 30.2 | 6.8 | | 91.6 | 6.1 | | 7.6 | |
| | | | | | | | Middle | 2nd | 21.3 | 8.2 | 29.4 | 6.8 | | 91.4 | 6.3 | | 7.5 | |
| | | | | | | | Bottom | 1st | 21.3 21.3 | 8.2 | 30.2 | 6.9 | 6.9 | 92.2 92.1 | 6.2 | | 6.0 | |
| | | | | | | | Bottom Surface | 2nd 1st | 21.3 | 8.2 8.2 | 29.4 30.2 | 6.9 6.9 | 6.9 | 92.1 | 6.5 7.3 | 8.1 | 6.3 9.7 | 8.3 |
| | | | | | | | Surface | 2nd | 21.2 | 8.2 | 29.5 | 6.9 | 6.9 | 92.9 | 7.5 | 0.1 | 8.9 | 0.3 |
| | | | | | | | Middle | 1st | - | - | - | - | 1 | - | - | | - | |
| 2018-12-10 | Mid-Ebb | SR3(N) | Cloudy | Calm | 13:16 | 4.4 | Middle | 2nd | _ | - | _ | - | | - | _ | | - | |
| | | | | | | | Bottom | 1st | 21.2 | 8.2 | 30.3 | 6.9 | 7.0 | 93.2 | 8.9 | | 7.7 | |
| | | | | | | | Bottom | 2nd | 21.1 | 8.2 | 29.4 | 7.0 | 1 | 93.1 | 8.7 | | 7.0 | |
| | | | | | | | Surface | 1st | 22.3 | 8.1 | 32.0 | 6.7 | 6.7 | 93.2 | 6.1 | 6.3 | 11.0 | 11.0 |
| | | | | | | | Surface | 2nd | 22.3 | 8.1 | 31.2 | 6.7 | | 92.8 | 6.2 | | 10.7 | |
| 2018-12-10 | Mid-Flood | SR10A(N) | Cloudy | Moderate | 8:23 | 12.8 | Middle | 1st | 22.3 | 8.0 | 32.0 | 6.7 | | 93.3 | 6.3 | | 10.0 | |
| 2010-12-10 | Wild-I lood | SIX TOA(IV) | Cioday | Moderate | 0.23 | 12.0 | Middle | 2nd | 22.3 | 8.1 | 31.2 | 6.8 | | 93.0 | 6.3 | | 10.7 | |
| | | | | | | | Bottom | 1st | 22.3 | 8.0 | 32.0 | 6.8 | 6.8 | 93.4 | 6.6 | | 11.3 | |
| | | | | | | | Bottom | 2nd | 22.3 | 8.0 | 31.2 | 6.8 | | 93.4 | 6.5 | | 12.1 | |
| | | | | | | | Surface | 1st | 22.4 | 8.2 | 32.3 | 6.7 | 6.7 | 92.9 | 7.7 | 7.9 | 13.0 | 12.2 |
| | | | | | | | Surface Middle | 2nd 1st | 22.4 | 8.2 | 31.5 | 6.7 | 4 | 92.3 | 7.7 | | 12.7 | |
| 2018-12-10 | Mid-Flood | SR10B(N2) | Cloudy | Moderate | 8:29 | 5.8 | Middle | 2nd | | | - | - | - | - | - | - | - | |
| | | | | | | | Bottom | 1st | 22.4 | 8.2 | 32.3 | 6.9 | 6.9 | 95.2 | 8.0 | | 11.8 | |
| | | | | | | | Bottom | 2nd | 22.3 | 8.2 | 31.5 | 6.9 | 0.3 | 94.8 | 8.3 | | 11.3 | |
| | | | | | | | Surface | 1st | 22.0 | 7.9 | 31.0 | 6.9 | 6.9 | 94.0 | 9.3 | 9.2 | 11.2 | 9.0 |
| | | | | | | | Surface | 2nd | 22.0 | 7.9 | 31.1 | 6.9 | | 94.0 | 9.2 | | 10.2 | |
| 2018-12-10 | Mid-Flood | CSA | Cloudy | Moderate | 8:39 | 32.0 | Middle | 1st | 22.2 | 7.9 | 31.3 | 6.8 | | 93.0 | 9.1 | | 8.5 | |
| 2010-12-10 | Wild-I lood | CSA | Cioday | Moderate | 0.59 | 32.0 | Middle | 2nd | 22.2 | 7.9 | 31.3 | 6.8 | | 93.0 | 9.1 | | 9.2 | |
| | | | | | | | Bottom | 1st | 22.2 | 7.8 | 31.3 | 6.8 | 6.8 | 93.9 | 9.1 | | 7.2 | |
| | | | | | | | Bottom | 2nd | 22.2 | 7.9 | 31.3 | 6.8 | | 93.7 | 9.1 | | 7.9 | |
| | | | | | | | Surface | 1st | 22.1 | 8.0 | 31.2 | 6.9 | 6.9 | 94.4 | 8.8 | 10.8 | 5.0 | 6.9 |
| | | | | | | | Surface Middle | 2nd | 22.0 | 8.0 8.0 | 31.1 | 6.9 | 4 | 94.4 | 8.8 10.4 | | 5.2 5.5 | |
| 2018-12-10 | Mid-Flood | CS6 | Cloudy | Moderate | 8:48 | 9.1 | Middle | 1st 2nd | 22.3 22.2 | 8.0 | 31.5 31.5 | 6.9 6.9 | 1 | 95.7 95.6 | 10.4 | | 5.5 | |
| | | | | | | | Bottom | 1st | 22.3 | 8.0 | 31.6 | 7.1 | 7.1 | 97.4 | 13.4 | | 9.9 | |
| | | | | | | | Bottom | 2nd | 22.3 | 8.0 | 31.6 | 7.0 | 1 " | 97.1 | 12.9 | | 10.4 | |
| | | | | | | | Surface | 1st | 21.9 | 8.0 | 30.6 | 6.9 | 6.9 | 93.4 | 13.0 | 14.3 | 13.4 | 14.2 |
| | | | | | | | Surface | 2nd | 21.9 | 8.0 | 30.6 | 6.9 | | 93.4 | 12.8 | | 14.5 | |
| 2018-12-10 | Mid-Flood | CS4 | Cloudy | Bough | 9:42 | 8.5 | Middle | 1st | 22.2 | 8.0 | 31.1 | 6.8 | | 92.8 | 12.8 | | 14.2 | |
| 2010-12-10 | IVIIQ-FIOOG | U34 | Cloudy | Rough | 9.42 | 0.5 | Middle | 2nd | 22.1 | 8.0 | 31.0 | 6.8 | | 92.8 | 12.9 | | 13.9 | |
| | | | | | | | Bottom | 1st | 22.3 | 8.0 | 31.5 | 6.9 | 6.9 | 95.2 | 19.1 | | 14.0 | |
| | ļ | | | ļ | | | Bottom | 2nd | 22.3 | 8.0 | 31.5 | 6.9 | | 95.0 | 15.3 | ļ | 14.9 | |
| | | | | 1 | | | Surface | 1st | 21.5 | 8.0 | 30.3 | 7.2 | 7.2 | 96.6 | 16.4 | 16.6 | 19.2 | 19.0 |
| | | | | 1 | | | Surface | 2nd | 21.5 | 8.0 | 30.3 | 7.2 | 4 | 96.6 | 16.2 | 1 | 18.7 | |
| 2018-12-10 | Mid-Flood | SR6 | Cloudy | Rough | 10:11 | 4.6 | Middle | 1st | - | - | - | - | - | - | - | 4 | - | |
| | | | | 1 | | | Middle Bottom | 2nd 1st | 21.5 | 8.0 | 30.4 | 7.3 | 7.3 | 98.6 | 16.8 | - | 18.7 | |
| | | | | 1 | | | Bottom | 2nd | 21.5 | 8.0 | 30.4 | 7.3 | 1.3 | 98.6 | 17.0 | 1 | 18.7 | |
| | | | | | 1 | | Surface | 2nd 1st | 21.7 | 8.0 | 30.4 | 7.3 | 7.1 | 95.5 | 16.0 | 17.4 | 14.6 | 17.6 |
| | | | | | | | Surface | 2nd | 21.7 | 8.0 | 30.3 | 7.0 | 1 | 95.5 | 15.9 | 1 | 15.6 | 17.0 |
| 00404045 | | 00/14/00/5 | | | | | Middle | 1st | 21.7 | 8.0 | 30.4 | 7.1 | 1 | 96.2 | 16.2 | 1 | 19.7 | |
| 2018-12-10 | Mid-Flood | CS(Mf)3(N) | Cloudy | Rough | 9:54 | 6.5 | Middle | 2nd | 21.7 | 8.0 | 30.3 | 7.1 | | 96.2 | 15.9 | 1 | 18.9 | |
| | | | | 1 | | | Bottom | 1st | 21.7 | 8.0 | 30.3 | 7.4 | 7.4 | 100.7 | 20.7 |] | 18.5 | |
| | | | | | | 1 | Bottom | 2nd | 21.7 | 8.0 | 30.3 | 7.4 | 1 | 100.2 | 19.5 | 7 | 18.1 | i |

| ntract No. HY/201 | | | | | | '/ | 1 | | ater Quality Monito | mig Data | | | | | | 1 | | Page 15 o |
|----------------------|--------------|-------------|---------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|----------------------|-----------------|-------------------------------------|--------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 21.7 | 8.1 | 31.1 | 7.0 | 7.1 | 95.0 | 19.6 | 20.5 | 21.0 | 22.8 |
| | | | | | | | Surface | 2nd | 21.7 | 8.1 | 31.1 | 7.0 | | 95.0 | 20.3 | | 21.3 | |
| 2018-12-10 | Mid-Flood | SR5(N) | Cloudy | Moderate | 9:24 | 9.0 | Middle | 1st | 21.7 | 8.1 | 31.1 | 7.1 | | 96.4 | 19.4 | | 24.3 | |
| | | J. 15 (1.1) | , | | * | | Middle | 2nd | 21.7 | 8.1 | 31.1 | 7.1 | | 96.2 | 19.4 | | 23.5 | |
| | | | | | | | Bottom | 1st | 21.7 | 8.1 | 31.1 | 7.1 | 7.1 | 97.1 | 22.0 | | 23.6 | |
| | | | | | | | Bottom | 2nd | 21.7 | 8.1 | 31.1 | 7.1 | 0.0 | 96.9 | 22.5 | 40.0 | 23.2 | 10.1 |
| | | | | | | | Surface | 1st | 21.8 | 8.1 | 31.0 | 6.9 | 6.9 | 94.1 94.0 | 11.9 | 13.6 | 12.3 13.3 | 12.4 |
| | | | | | | | Surface Middle | 2nd 1st | 21.8 21.7 | 8.1 8.1 | 31.0 31.1 | 6.9 6.9 | | 94.0 | 11.8 14.9 | | 13.3 | |
| 2018-12-10 | Mid-Flood | IS10(N) | Cloudy | Moderate | 9:19 | 11.9 | Middle | | 21.7 | 8.1 | | 6.9 | | 94.6 | 14.9 | | 11.6 | |
| | | | | | | | Bottom | 2nd 1st | 21.7 | 8.1 | 31.1 31.1 | 7.0 | 7.0 | 95.2 | 14.7 | | 12.7 | |
| | | | | | | | Bottom | 2nd | 21.7 | 8.1 | 31.1 | 7.0 | 7.0 | 95.2 | 14.2 | | 12.1 | 1 |
| | | | | | | | Surface | 1st | 21.9 | 8.0 | 31.0 | 6.9 | 6.9 | 93.6 | 11.3 | 11.4 | 6.9 | 8.8 |
| | | | | | | | Surface | 2nd | 21.9 | 8.0 | 31.0 | 6.8 | 0.9 | 93.5 | 11.2 | 11.4 | 7.1 | 0.0 |
| | | | | | | | Middle | 1st | 21.9 | 8.0 | 31.0 | 6.9 | | 94.1 | 11.3 | | 9.6 | |
| 2018-12-10 | Mid-Flood | IS(Mf)11 | Cloudy | Moderate | 9:13 | 11.5 | Middle | 2nd | 21.9 | 8.0 | 31.0 | 6.9 | | 94.0 | 11.2 | | 9.7 | |
| | | | | | | | Bottom | 1st | 21.9 | 8.0 | 31.0 | 7.0 | 7.0 | 95.2 | 12.2 | | 9.9 | |
| | | | | | | | Bottom | 2nd | 21.9 | 8.0 | 31.0 | 7.0 | 1.0 | 95.1 | 11.4 | | 9.6 | |
| | | | | | | | Surface | 1st | 22.1 | 8.2 | 31.4 | 6.8 | 6.9 | 93.8 | 8.1 | 9.5 | 10.4 | 11.1 |
| | | | | | | | Surface | 2nd | 22.0 | 8.2 | 30.6 | 6.8 | 0.0 | 93.5 | 7.9 | 0.0 | 10.8 | |
| | | | | | | | Middle | 1st | 22.1 | 8.2 | 31.5 | 6.9 | | 94.3 | 8.7 | | 10.8 | |
| 2018-12-10 | Mid-Flood | CS(Mf)5 | Cloudy | Moderate | 8:57 | 11.8 | Middle | 2nd | 22.1 | 8.2 | 30.7 | 6.9 | | 94.2 | 8.5 | | 10.7 | |
| | | | | | | | Bottom | 1st | 22.1 | 8.2 | 31.5 | 6.9 | 7.0 | 95.2 | 11.9 | | 11.6 | |
| | | | | | | | Bottom | 2nd | 22.0 | 8.2 | 30.7 | 7.0 | 7.0 | 95.5 | 12.1 | | 12.0 | |
| | | | | | | | Surface | 1st | 21.6 | 8.0 | 31.0 | 7.1 | 7.1 | 96.1 | 15.8 | 17.6 | 12.2 | 13.0 |
| | | | | | | | Surface | 2nd | 21.6 | 8.0 | 31.0 | 7.1 | *** | 96.0 | 15.7 | | 13.0 | 10.0 |
| | | | | | | | Middle | 1st | - | - | - | | | - | - | | - | |
| 2018-12-10 | Mid-Flood | SR7 | Cloudy | Moderate | 9:06 | 4.4 | Middle | 2nd | - | - | - | - | | _ | - | | - | |
| | | | | | | | Bottom | 1st | 21.5 | 8.0 | 31.0 | 7.2 | 7.2 | 96.9 | 19.4 | | 13.4 | |
| | | | | | | | Bottom | 2nd | 21.5 | 8.0 | 31.0 | 7.1 | | 96.9 | 19.5 | | 13.4 | |
| | | | | | | | Surface | 1st | 21.6 | 8.2 | 30.9 | 7.0 | 7.1 | 94.9 | 4.7 | 13.2 | 8.4 | 9.7 |
| | | | | | | | Surface | 2nd | 21.5 | 8.2 | 30.1 | 7.1 | | 94.8 | 4.8 | | 8.1 | |
| | | 10.1= | | | 0.40 | | Middle | 1st | 21.8 | 8.2 | 31.1 | 7.0 | | 95.6 | 16.9 | | 10.4 | |
| 2018-12-10 | Mid-Flood | IS17 | Cloudy | Moderate | 9:13 | 9.5 | Middle | 2nd | 21.7 | 8.2 | 30.3 | 7.1 | | 95.9 | 17.0 | | 10.9 | |
| | | | | | | | Bottom | 1st | 21.7 | 8.2 | 31.1 | 7.2 | 7.2 | 97.5 | 17.8 | | 9.8 | |
| | | | | | | | Bottom | 2nd | 21.7 | 8.2 | 30.3 | 7.2 | | 97.0 | 18.0 | | 10.5 | |
| | | | | | | | Surface | 1st | 21.9 | 8.2 | 30.9 | 6.8 | 6.9 | 93.3 | 12.0 | 13.8 | 20.4 | 19.0 |
| | | | | | | | Surface | 2nd | 21.8 | 8.2 | 30.1 | 6.9 | | 93.2 | 12.1 | | 20.4 | |
| 2018-12-10 | Mid-Flood | 10/M6/40 | Cloudy | Moderate | 9:22 | 5.6 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2018-12-10 | IVIIQ-FIOOG | IS(Mf)16 | Cloudy | Moderate | 9:22 | 0.6 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 21.9 | 8.2 | 30.9 | 7.0 | 7.1 | 94.9 | 15.8 | | 17.4 | |
| | | | | | | | Bottom | 2nd | 21.8 | 8.2 | 30.1 | 7.1 | | 95.0 | 15.4 | | 17.6 | |
| | | | | | | | Surface | 1st | 21.5 | 8.2 | 30.4 | 6.9 | 6.9 | 92.6 | 7.0 | 7.2 | 11.6 | 10.9 |
| | | | | | | | Surface | 2nd | 21.4 | 8.2 | 29.6 | 6.9 | | 92.4 | 7.0 | | 10.7 | |
| 2018-12-10 | Mid-Flood | IS8 | Cloudy | Calm | 9:42 | 3.3 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010 12 10 | IVIIG I IOOG | 100 | Oloudy | Cairr | 0.42 | 0.0 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 21.5 | 8.2 | 30.5 | 6.9 | 6.9 | 93.1 | 7.4 | | 10.4 | |
| | | | | | | | Bottom | 2nd | 21.4 | 8.2 | 29.8 | 6.9 | | 93.1 | 7.4 | | 10.7 | |
| | | | | | | | Surface | 1st | 21.3 | 8.2 | 30.1 | 6.8 | 6.9 | 92.0 | 5.8 | 6.1 | 8.3 | 8.5 |
| | | | | | | | Surface | 2nd | 21.3 | 8.2 | 29.4 | 6.9 | | 92.1 | 5.6 | | 7.8 | |
| 2018-12-10 | Mid-Flood | SR4(N) | Cloudy | Calm | 9:36 | 4.0 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 20.0 .2 .0 | | G. (. (, 1, | o.ouu, | - Cuiii | 0.00 | 0 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 21.4 | 8.2 | 30.4 | 7.0 | 7.1 | 95.0 | 6.5 | | 9.0 | |
| | | | | | | | Bottom | 2nd | 21.3 | 8.2 | 29.6 | 7.1 | | 94.7 | 6.4 | | 8.9 | |
| | | | | | | | Surface | 1st | - | - | - | - | 6.9 | - | - | 9.1 | - | 12.5 |
| | | | | I | | | Surface | 2nd | - | | - | | | - | - | | - | 1 |
| 2018-12-10 | Mid-Flood | IS(Mf)9 | Cloudy | Calm | 9:49 | 2.9 | Middle | 1st | 21.6 | 8.2 | 30.5 | 6.9 | | 92.9 | 9.2 | | 12.8 | 1 |
| | | (, - | | | | | Middle | 2nd | 21.6 | 8.2 | 29.8 | 6.9 | | 92.8 | 9.0 | | 12.1 | 1 |
| | | | | I | | | Bottom | 1st | - | - | - | - | - | - | - | | - | Í |
| | | | 1 | ļ | | | Bottom | 2nd | - | - | - | - | | - | - | | - | ļ |
| | | | | I | | | Surface | 1st | - | - | - | - | 6.8 | - | - | 7.2 | - | 11.6 |
| | | | | I | | | Surface | 2nd | - | - | - | - | | - | - | | - | Í |
| 2018-12-10 | Mid-Flood | IS7 | Cloudy | Calm | 9:57 | 2.7 | Middle | 1st | 21.5 | 8.2 | 30.3 | 6.8 | | 91.9 | 7.2 | | 12.0 | 4 |
| | | | 2.300, | | | | Middle | 2nd | 21.4 | 8.2 | 29.5 | 6.8 | | 91.6 | 7.2 | | 11.1 | 1 |
| | | | 1 | | | | Bottom Bottom | 1st 2nd | - | - | - | - | - | - | - | | - | 1 |
| | | | | | | | | | - | - | - | - | | - | - | | _ | |

| tract No. HY/201 | 15/04 HZIVID I | INDOI – IIIII asi | ructure work | otage ii (00 | dinem onio | 1) | | VV | ater Quality Monito | Jiliy Dala | | | | | | | | Page 16 o |
|----------------------|----------------|-------------------|--------------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|----------------------|-----------------|-------------------------------------|------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | SS | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | - | - | - | - | 7.1 | - | - | 8.1 | - | 8.6 |
| | | | | | | | Surface | 2nd | - | - | - | - | | - | - | | - | |
| 2018-12-10 | Mid-Flood | IS(Mf)6 | Cloudy | Calm | 10:05 | 2.4 | Middle | 1st | 21.2 | 8.2 | 30.2 | 7.0 | | 94.5 | 8.1 | | 8.2 | |
| | | ` , | , | | | | Middle | 2nd | 21.2 | 8.2 | 29.4 | 7.1 | _ | 94.2 | 8.0 | | 8.9 | |
| | | | | | | | Bottom Bottom | 1st 2nd | - | - | + | - | - | - | - | | - | |
| | + | | | | | | Surface | 1st | 21.4 | 8.2 | 30.2 | 6.8 | 6.8 | 91.8 | 8.0 | 8.1 | 12.3 | 12.0 |
| | | | | | | | Surface | 2nd | 21.3 | 8.2 | 29.4 | 6.8 | 0.0 | 91.5 | 7.9 | 0.1 | 12.1 | 12.0 |
| 0040 40 40 | Mari Florid | 105 | Oleverte | 0-1 | 10.11 | 7.0 | Middle | 1st | 21.4 | 8.2 | 30.2 | 6.8 | | 91.9 | 8.5 | | 12.4 | |
| 2018-12-10 | Mid-Flood | IS5 | Cloudy | Calm | 10:11 | 7.6 | Middle | 2nd | 21.3 | 8.2 | 29.4 | 6.9 | Ī | 91.9 | 8.3 | | 11.5 | |
| | | | | | | | Bottom | 1st | 21.4 | 8.2 | 30.2 | 6.9 | 7.0 | 93.2 | 7.6 | | 11.1 | |
| | | | | | | | Bottom | 2nd | 21.3 | 8.2 | 29.4 | 7.0 | | 93.1 | 8.0 | | 12.3 | |
| | | | | | | | Surface | 1st | 21.4 | 8.2 | 30.2 | 6.8 | 6.9 | 92.2 | 7.8 | 8.3 | 9.4 | 10.2 |
| | | | | | | | Surface | 2nd | 21.3 | 8.2 | 29.4 | 6.9 | | 92.2 | 8.0 | | 9.6 | |
| 2018-12-10 | Mid-Flood | SR3(N) | Cloudy | Calm | 10:18 | 4.2 | Middle | 1st | - | - | - | - | | - | - | | - | |
| | | . , | | | | | Middle Bottom | 2nd 1st | 21.3 | 8.2 | 30.2 | 7.0 | 7.1 | 94.7 | 8.8 | | 11.1 | |
| | | | | | | | Bottom | 2nd | 21.3 | 8.2 | 29.4 | 7.0 | 7.1 | 94.7 | 8.7 | - | 10.8 | |
| | | | | | | | Surface | 1st | 21.8 | 8.3 | 32.3 | 7.1 | 7.0 | 96.3 | 4.6 | 5.1 | 7.2 | 6.8 |
| | | | | | | | Surface | 2nd | 21.9 | 8.3 | 32.3 | 7.0 | 7.0 | 96.2 | 4.5 | 3.1 | 7.2 | 0.0 |
| | | 0040440 | 0 | | 40.05 | 40.4 | Middle | 1st | 21.8 | 8.3 | 32.4 | 7.1 | 1 | 96.8 | 5.4 | | 6.6 | |
| 2018-12-12 | Mid-Ebb | SR10A(N) | Cloudy | Moderate | 16:35 | 10.1 | Middle | 2nd | 21.8 | 8.3 | 32.4 | 7.0 | | 96.7 | 5.7 | | 6.2 | |
| | | | | | | | Bottom | 1st | 21.8 | 8.3 | 32.4 | 7.1 | 7.1 | 97.4 | 5.1 | | 6.7 | |
| | | | | | | | Bottom | 2nd | 21.8 | 8.3 | 32.4 | 7.1 | | 97.4 | 5.3 | | 6.9 | |
| | | | | | | | Surface | 1st | 21.8 | 8.3 | 32.3 | 7.2 | 7.2 | 98.9 | 4.4 | 4.4 | 6.9 | 7.1 |
| | | | | | | | Surface | 2nd | 21.8 | 8.3 | 32.3 | 7.2 | | 98.7 | 4.3 | | 7.5 | |
| 2018-12-12 | Mid-Ebb | SR10B(N2) | Cloudy | Moderate | 16:39 | 5.8 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 20.0 .2 .2 | 200 | 011102(112) | o.ouu, | moderate | 10.00 | 0.0 | Middle | 2nd | | | | - | | | - | | - | |
| | | | | | | | Bottom | 1st | 21.8 | 8.2 | 32.3 | 7.4 | 7.4 | 101.7 | 4.4 | | 6.9 | |
| | | | | | | | Bottom | 2nd 1st | 21.8 21.5 | 8.2 8.1 | 32.3 33.3 | 7.4 6.9 | 0.0 | 101.5 95.1 | 4.4 5.4 | 5.0 | 6.9 4.5 | 4.0 |
| | | | | | | | Surface Surface | 2nd | 21.5 | 8.1 | 33.3 | 6.9 | 6.9 | 95.1 | 5.4 | 5.9 | 4.3 | 4.0 |
| | | | | | | | Middle | 1st | 21.6 | 8.1 | 33.4 | 6.9 | | 94.8 | 6.1 | | 4.6 | |
| 2018-12-12 | Mid-Ebb | CSA | Cloudy | Rough | 16:08 | 33.5 | Middle | 2nd | 21.6 | 8.1 | 33.4 | 6.9 | | 94.8 | 6.1 | | 4.1 | |
| | | | | | | | Bottom | 1st | 21.6 | 8.1 | 33.4 | 6.9 | 6.9 | 95.3 | 6.3 | | 3.0 | |
| | | | | | | | Bottom | 2nd | 21.6 | 8.1 | 33.4 | 6.9 | | 95.2 | 6.2 | | 3.5 | |
| | | | | | | | Surface | 1st | 21.5 | 8.1 | 33.4 | 7.0 | 7.1 | 96.7 | 6.0 | 10.1 | 5.5 | 5.2 |
| | | | | | | | Surface | 2nd | 21.5 | 8.1 | 33.4 | 7.0 | | 96.6 | 5.9 | | 5.5 | |
| 2018-12-12 | Mid-Ebb | CS6 | Cloudy | Rough | 16:00 | 9.7 | Middle | 1st | 21.5 | 8.1 | 33.4 | 7.1 | | 98.2 | 7.3 | | 5.1 | |
| 2010 12 12 | WIIG EDD | 000 | Oloddy | rtougii | 10.00 | 0.7 | Middle | 2nd | 21.5 | 8.1 | 33.4 | 7.1 | | 98.0 | 7.1 | | 5.8 | |
| | | | | | | | Bottom | 1st | 21.5 | 8.1 | 33.4 | 7.3 | 7.3 | 100.6 | 17.1 | | 4.8 | |
| | - | | | | | | Bottom | 2nd | 21.5 21.2 | 8.1 8.1 | 33.4 32.8 | 7.3 7.0 | 7.0 | 100.3 94.9 | 17.1 6.2 | 7.0 | 4.3 4.8 | 3.8 |
| | | | | | | | Surface Surface | 1st 2nd | 21.2 | 8.1 | 32.8 | 7.0 | 7.0 | 94.9 | 6.1 | 7.0 | 4.8 | 3.8 |
| | | | | | | | Middle | 1st | 21.3 | 8.1 | 32.9 | 7.0 | | 96.3 | 7.5 | | 3.4 | |
| 2018-12-12 | Mid-Ebb | CS4 | Cloudy | Rough | 15:07 | 16.4 | Middle | 2nd | 21.3 | 8.1 | 32.9 | 7.0 | | 96.1 | 7.4 | | 3.3 | |
| | | | | | | | Bottom | 1st | 21.3 | 8.1 | 32.9 | 7.2 | 7.2 | 97.8 | 7.4 | | 3.2 | |
| | | | | | | | Bottom | 2nd | 21.3 | 8.1 | 32.9 | 7.1 | | 97.7 | 7.4 | | 3.4 | |
| | | | | | | | Surface | 1st | 20.0 | 8.2 | 32.7 | 7.5 | 7.5 | 100.2 | 13.7 | 14.9 | 14.2 | 13.9 |
| | | | | | | | Surface | 2nd | 20.0 | 8.2 | 32.7 | 7.5 | | 100.2 | 13.6 | | 14.9 | |
| 2018-12-12 | Mid-Ebb | SR6 | Cloudy | Moderate | 14:44 | 4.1 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010 12 12 | WIIG EDD | Orto | Oloddy | Woderate | 1-1 | 7.1 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 20.0 | 8.2 | 32.8 | 7.6 | 7.6 | 101.2 | 16.2 | | 13.1 | |
| | 1 | | | | - | | Bottom | 2nd | 20.0 | 8.2 | 32.8 | 7.6 | | 101.1 | 16.2 | 44.0 | 13.5 | 0.0 |
| | | | | | 1 | | Surface | 1st | 20.0 | 8.1 | 32.2 | 7.5 | 7.5 | 99.2 | 10.7 | 11.0 | 8.8 | 8.3 |
| | | | | 1 | I | | Surface Middle | 2nd 1st | 20.0 | 8.1 8.1 | 32.2 32.2 | 7.5 7.5 | - | 99.2 99.8 | 10.7 10.6 | - | 8.5 9.8 | |
| 2018-12-12 | Mid-Ebb | CS(Mf)3(N) | Cloudy | Rough | 14:54 | 7.3 | Middle | 2nd | 20.0 | 8.1 | 32.2 | 7.5 | 1 | 99.7 | 10.6 | 1 | 9.4 | |
| | | | | 1 | I | | Bottom | 1st | 19.8 | 8.1 | 32.2 | 7.8 | 7.8 | 103.4 | 11.7 | 1 | 6.8 | 1 |
| | | | | 1 | I | | Bottom | 2nd | 19.8 | 8.1 | 32.2 | 7.8 | 1 | 103.4 | 11.7 | 1 | 6.2 | 1 |
| | | | | İ | 1 | | Surface | 1st | 21.1 | 8.1 | 32.7 | 6.9 | 7.0 | 94.4 | 7.5 | 8.1 | 5.5 | 5.6 |
| | | | | 1 | 1 | | Surface | 2nd | 21.1 | 8.1 | 32.7 | 6.9 | 1 | 94.4 | 7.5 | 1 | 5.8 | |
| 2018-12-12 | Mid-Ebb | SR5(N) | Cloudy | Pough | 15:24 | 9.5 | Middle | 1st | 21.1 | 8.1 | 32.8 | 7.0 | | 95.8 | 8.4 | | 5.6 | |
| 2010-12-12 | IVIIU-EDD | SK3(IV) | Cloudy | Rough | 13.24 | 9.5 | Middle | 2nd | 21.1 | 8.1 | 32.8 | 7.0 | | 95.7 | 8.5 |] | 5.7 | |
| | | | | 1 | 1 | | Bottom | 1st | 21.1 | 8.1 | 32.8 | 7.1 | 7.1 | 96.7 | 8.3 | 1 | 6.0 | |
| | | 1 | | | 1 | 1 | Bottom | 2nd | 21.1 | 8.1 | 32.8 | 7.1 | 1 | 96.6 | 8.3 | 1 | 5.0 | l |

| ntract No. HY/201 | 13/04 HZMB F | IKBCF – Infras | tructure Work | s Stage II (So | uthern Portion | 1) | | VV | ater Quality Monito | ring Data | | | | | | , | | Page 17 c |
|----------------------|--------------|----------------|---------------|------------------|--|--------------------|-------------------------|------------|---------------------------|------------|----------------|-----------------|----------------------|-------------------|-----------------|-------------------------------------|------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 20.6 | 8.1 | 32.3 | 7.1 | 7.1 | 95.0 | 8.4 | 9.5 | 6.3 | 6.5 |
| | | | | | | | Surface | 2nd | 20.6 | 8.1 | 32.3 | 7.1 | | 94.9 | 8.4 | | 6.5 | |
| 2018-12-12 | Mid-Ebb | IS10(N) | Cloudy | Rough | 15:30 | 12.4 | Middle | 1st | 20.6 | 8.1 | 32.3 | 7.1 | | 95.7 | 10.0 | | 6.1 | |
| | | () | , | | | | Middle | 2nd | 20.6 | 8.1 | 32.3 | 7.1 | | 95.6 | 9.9 | | 6.6 | |
| | | | | | | | Bottom | 1st | 20.6 | 8.1 | 32.3 | 7.2 | 7.2 | 96.4 | 10.0 | | 6.4 6.9 | |
| | - | | | | | | Bottom | 2nd | 20.6 | 8.1 8.1 | 32.3 32.2 | 7.2 7.1 | 7.0 | 96.3 94.7 | 10.0 9.0 | 9.8 | 7.2 | 6.5 |
| | | | | | | | Surface Surface | 1st 2nd | 20.4 20.4 | 8.1 | 32.2 | 7.1 | 7.0 | 94.7 | 9.0 8.9 | 9.8 | 7.2 | 6.5 |
| | | | | | | | Middle | 1st | 21.0 | 8.1 | 32.6 | 6.9 | - | 93.9 | 10.2 | | 6.6 | 1 |
| 2018-12-12 | Mid-Ebb | IS(Mf)11 | Cloudy | Moderate | 15:34 | 11.1 | Middle | 2nd | 21.0 | 8.1 | 32.6 | 6.9 | | 93.8 | 10.2 | | 6.0 | |
| | | | | | | | Bottom | 1st | 21.0 | 8.1 | 32.7 | 7.0 | 7.0 | 94.9 | 10.1 | | 5.9 | 1 |
| | | | | | | | Bottom | 2nd | 21.0 | 8.1 | 32.7 | 7.0 | 7.0 | 94.8 | 10.1 | | 5.7 | |
| | | | | | | | Surface | 1st | 21.8 | 8.3 | 32.2 | 7.0 | 7.0 | 95.6 | 4.3 | 5.1 | 6.1 | 6.7 |
| | | | | | | | Surface | 2nd | 21.8 | 8.3 | 32.2 | 7.0 | | 95.6 | 4.3 | 0 | 6.0 | · · · · |
| | | 00/140= | O | | 40.00 | | Middle | 1st | 21.8 | 8.3 | 32.2 | 7.0 | Ī | 95.8 | 5.1 | | 6.3 | |
| 2018-12-12 | Mid-Ebb | CS(Mf)5 | Cloudy | Moderate | 16:03 | 12.1 | Middle | 2nd | 21.8 | 8.3 | 32.2 | 7.0 | Ī | 95.8 | 5.1 | | 6.7 | |
| | | | | | | | Bottom | 1st | 21.8 | 8.3 | 32.2 | 7.1 | 7.1 | 96.6 | 5.8 | | 7.9 | 1 |
| | | | | | | | Bottom | 2nd | 21.8 | 8.3 | 32.2 | 7.0 | | 96.5 | 5.7 | | 7.4 | |
| | | | | | | | Surface | 1st | 21.3 | 8.1 | 33.0 | 7.1 | 7.1 | 96.5 | 8.1 | 8.3 | 7.2 | 6.6 |
| | | | | | | | Surface | 2nd | 21.3 | 8.1 | 33.0 | 7.1 | | 96.4 | 7.9 | | 7.1 | |
| 2018-12-12 | Mid-Ebb | SR7 | Cloudy | Moderate | 15:41 | 4.3 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010-12-12 | WIIG-LDD | OI(1 | Cioday | Woderate | 15.41 | 4.5 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 21.2 | 8.1 | 33.0 | 7.2 | 7.2 | 98.5 | 8.6 | | 5.9 | |
| | | | | | | | Bottom | 2nd | 21.2 | 8.1 | 33.0 | 7.2 | | 98.1 | 8.6 | | 6.1 | |
| | | | | | | | Surface | 1st | 21.3 | 8.3 | 31.6 | 7.1 | 7.2 | 96.7 | 5.9 | 5.7 | 7.5 | 7.7 |
| | | | | | | | Surface | 2nd | 21.3 | 8.3 | 31.6 | 7.1 | | 96.6 | 5.9 | | 7.5 | |
| 2018-12-12 | Mid-Ebb | IS17 | Cloudy | Moderate | 15:44 | 7.3 | Middle | 1st | 21.4 | 8.2 | 31.8 | 7.2 | | 97.4 | 5.7 | | 7.0 | |
| | | | , | | | | Middle | 2nd | 21.4 | 8.2 | 31.8 | 7.2 | ļ <u>.</u> | 97.3 | 5.7 | | 7.6 | |
| | | | | | | | Bottom | 1st | 21.4 | 8.2 | 31.8 | 7.6 | 7.5 | 103.0 | 5.6 | | 8.5 | |
| | | | | - | | - | Bottom | 2nd | 21.4 | 8.2 | 31.8 | 7.3 | 7.4 | 99.6 | 5.6 | | 8.2 | 0.7 |
| | | | | | | | Surface Surface | 1st | 20.7 20.7 | 8.3 | 31.2 | 7.4 7.4 | 7.4 | 98.5 98.4 | 7.6 | 7.7 | 6.8 6.8 | 6.7 |
| | | | | | | | Middle | 2nd 1st | 20.7 | 8.3 | 31.2 | 7.4 | 4 | 98.4 | 7.5 | | 0.8 | 4 |
| 2018-12-12 | Mid-Ebb | IS(Mf)16 | Cloudy | Moderate | 15:38 | 5.0 | Middle | 2nd | - | - | - | - | 4 | | - | | - | 4 |
| | | | | | | | Bottom | 1st | 20.7 | 8.2 | 31.3 | 7.4 | 7.4 | 99.4 | 7.7 | | 6.4 | 1 |
| | | | | | | | Bottom | 2nd | 20.7 | 8.2 | 31.3 | 7.4 | · ·· | 99.3 | 7.8 | | 6.8 | |
| | | | | | | | Surface | 1st | 20.5 | 8.2 | 30.7 | 7.4 | 7.4 | 97.6 | 5.7 | 5.9 | 6.9 | 6.9 |
| | | | | | | | Surface | 2nd | 20.5 | 8.3 | 30.7 | 7.3 | 1 ′ | 97.6 | 5.6 | 5.9 | 6.1 | 0.3 |
| | | | | | | | Middle | 1st | - | - | - | - | 1 | - | - | | - | 1 |
| 2018-12-12 | Mid-Ebb | IS8 | Cloudy | Moderate | 15:19 | 3.9 | Middle | 2nd | - | - | - | _ | 1 | _ | _ | | - | 1 |
| | | | | | | | Bottom | 1st | 20.5 | 8.2 | 31.0 | 7.7 | 7.6 | 102.1 | 6.2 | | 6.8 | |
| | | | | | | | Bottom | 2nd | 20.6 | 8.2 | 31.0 | 7.4 | 1 | 99.0 | 6.1 | | 7.7 | |
| | | | | | | | Surface | 1st | 20.2 | 8.2 | 30.4 | 7.7 | 7.7 | 101.5 | 5.7 | 5.9 | 4.7 | 4.6 |
| | | | | | | | Surface | 2nd | 20.2 | 8.2 | 30.4 | 7.7 | | 101.4 | 5.7 | | 4.8 | |
| 2018-12-12 | Mid-Ebb | SR4(N) | Cloudy | Moderate | 15:23 | 4.1 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010-12-12 | MIG-EDD | 3K4(IV) | Cloudy | Moderate | 13.23 | 4.1 | Middle | 2nd | - | | - | - | | - | - | | - | |
| | | | | 1 | 1 | | Bottom | 1st | 20.2 | 8.2 | 30.4 | 7.8 | 7.8 | 103.3 | 6.3 | | 4.5 |] |
| | | | | | | | Bottom | 2nd | 20.2 | 8.2 | 30.4 | 7.8 | | 102.8 | 6.0 | | 4.2 | |
| | | | | | | | Surface | 1st | 20.5 | 8.2 | 30.8 | 7.7 | 7.7 | 101.5 | 8.4 | 8.4 | 5.8 | 5.4 |
| | | | | | | | Surface | 2nd | 20.5 | 8.2 | 30.8 | 7.6 | | 101.1 | 8.3 | | 5.6 | |
| 2018-12-12 | Mid-Ebb | IS(Mf)9 | Cloudy | Moderate | 15:12 | 3.7 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010 12 12 | 255 | 10(1111)0 | Cioday | moderate | | 0 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 20.5 | 8.2 | 30.8 | 7.8 | 7.8 | 102.9 | 8.4 | | 5.2 | |
| | | | | | | | Bottom | 2nd | 20.5 | 8.2 | 30.8 | 7.7 | | 102.7 | 8.4 | | 5.0 | |
| | | | | 1 | 1 | | Surface | 1st | - | - | - | - | 7.4 | - | - | 7.0 | - | 5.4 |
| | | | | 1 | 1 | | Surface | 2nd | - 20.4 | - 0.0 | - 20.4 | 7.4 | 4 | - 07.1 | 7.0 | - | - | 4 |
| 2018-12-12 | Mid-Ebb | IS7 | Cloudy | Moderate | 15:06 | 2.7 | Middle | 1st | 20.4 | 8.2 | 30.4 | 7.4 | 4 | 97.1 | 7.0 | 1 | 5.0 | 1 |
| | | | | 1 | 1 | 1 | Middle | 2nd | 20.4 | 8.2 | 30.4 | 7.3 | _ | 97.0 | 7.0 | | 5.8 | 4 |
| | | | 1 | I | 1 | I | Bottom | 1st | | - | + | - | | | | 1 | - | 1 |
| | + | | | - | | - | Bottom Surface | 2nd 1st | - | - | + | | 7.5 | - | - | 7.2 | - | 4.5 |
| | | | 1 | l | 1 | 1 | Surface Surface | 2nd | - | - | + - | - | · · · · · · · | - | | 1.2 | - | 4.5 |
| | | | | | | | | | | - | - | - | 1 | - | - | 1 | - | I |
| | | | | | | | | | | | | 7 = | | 00.0 | 7 2 | 1 | 4.2 | 1 |
| 2018-12-12 | Mid-Ebb | IS(Mf)6 | Cloudy | Moderate | 14:59 | 2.8 | Middle | 1st | 20.3 | 8.2 | 30.5 | 7.5 | 1 | 98.8 | 7.2 | | 4.2 | 1 |
| 2018-12-12 | Mid-Ebb | IS(Mf)6 | Cloudy | Moderate | 14:59 | 2.8 | | | | | | 7.5 7.4 - | <u> </u> | 98.8 98.4 | 7.2 7.2 - | | 4.2 4.7 |] |

| tract No. HY/201 | 13/04 HZMB F | HKBCF – Intrast | ructure vvork | is Stage II (So | ulileili Follioi | 1) | | | ater Quality Monito | ing Data | | | | | | | | Page 18 c |
|----------------------|------------------|-----------------|---------------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|----------------------|-----------------|-------------------------------------|--------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | SS | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 20.4 | 8.2 | 30.4 | 7.1 | 7.1 | 93.9 | 8.5 | 9.0 | 8.8 | 6.9 |
| | | | | | | | Surface | 2nd | 20.4 | 8.2 | 30.4 | 7.1 | | 93.9 | 8.5 | | 9.1 | |
| 2018-12-12 | Mid-Ebb | IS5 | Cloudy | Moderate | 14:53 | 9.0 | Middle | 1st | 20.5 | 8.2 | 30.4 | 7.1 | | 94.4 | 9.4 | | 6.6 | |
| | | | | | | | Middle Bottom | 2nd 1st | 20.5 20.4 | 8.2 8.2 | 30.4 30.4 | 7.1 7.2 | 7.2 | 94.2 95.7 | 9.5 9.1 | - | 6.1 5.0 | • |
| | | | | | | | Bottom | 2nd | 20.5 | 8.2 | 30.4 | 7.2 | 1.2 | 95.6 | 9.1 | | 5.8 | |
| | | | | | | | Surface | 1st | 20.4 | 8.2 | 30.4 | 7.3 | 7.3 | 96.3 | 7.4 | 7.3 | 8.2 | 8.2 |
| | | | | | | | Surface | 2nd | 20.4 | 8.2 | 30.4 | 7.3 | 7.0 | 96.2 | 7.3 | 7.0 | 7.8 | 0.2 |
| 2018-12-12 | Mid-Ebb | SR3(N) | Claudu | Moderate | 14:46 | 4.3 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2018-12-12 | IVIIQ-EDD | 5K3(N) | Cloudy | Moderate | 14:46 | 4.3 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 20.4 | 8.2 | 30.4 | 7.4 | 7.4 | 97.3 | 7.3 | | 8.6 | |
| | | | | | | | Bottom | 2nd | 20.3 | 8.2 | 30.4 | 7.3 | | 97.1 | 7.3 | | 8.3 | |
| | | | | | | | Surface | 1st | 21.8 | 8.2 | 32.1 | 7.0 | 7.1 | 95.1 | 5.0 | 5.0 | 4.7 | 4.6 |
| | | | | | | | Surface | 2nd | 21.8 | 8.2 | 32.1 | 7.0 | | 95.1 | 5.0 | | 4.6 | |
| 2018-12-12 | Mid-Flood | SR10A(N) | Cloudy | Moderate | 10:51 | 10.5 | Middle Middle | 1st 2nd | 21.7 21.8 | 8.0 8.0 | 32.1 32.1 | 7.1 7.1 | | 96.2 95.9 | 5.0 5.1 | | 4.3 3.9 | |
| | | | | | | | Bottom | 2nd 1st | 21.7 | 8.0 | 32.1 | 7.1 | 7.2 | 95.9 | 5.0 | | 4.8 | |
| | | | | | | | Bottom | 2nd | 21.7 | 8.0 | 32.1 | 7.2 | 1.2 | 97.5 | 5.1 | | 5.3 | |
| | | | | | | | Surface | 1st | 21.8 | 8.2 | 32.1 | 6.9 | 6.9 | 94.6 | 5.2 | 5.0 | 5.8 | 4.6 |
| | | | | | | | Surface | 2nd | 21.8 | 8.2 | 32.1 | 6.9 | | 94.6 | 5.1 | | 5.8 | |
| 2040 42 42 | Mid Flood | CD40D(NO) | Claudu | Madazata | 10.55 | 6.4 | Middle | 1st | 21.8 | 8.2 | 32.1 | 6.9 | | 94.6 | 5.0 | | 2.9 | 1 |
| 2018-12-12 | Mid-Flood | SR10B(N2) | Cloudy | Moderate | 10:55 | 6.1 | Middle | 2nd | 21.8 | 8.2 | 32.1 | 6.9 | | 94.6 | 5.0 | | 2.9 | |
| | | | | | | | Bottom | 1st | 21.8 | 8.2 | 32.1 | 6.9 | 6.9 | 94.8 | 4.9 | | 4.8 | |
| | | | | | | | Bottom | 2nd | 21.8 | 8.2 | 32.1 | 6.9 | | 94.8 | 5.0 | | 5.4 | |
| | | | | | | | Surface | 1st | 21.2 | 8.1 | 32.8 | 6.9 | 6.9 | 93.8 | 4.9 | 5.5 | 3.4 | 3.3 |
| | | | | | | | Surface | 2nd | 21.2 | 8.1 | 32.8 | 6.9 | | 93.8 | 4.9 | | 3.1 | |
| 2018-12-12 | Mid-Flood | CSA | Cloudy | Rough | 10:39 | 33.4 | Middle | 1st | 21.4 | 8.1 | 33.0 | 6.8 | | 93.6 | 5.7 | | 4.1 | |
| | | | | | | | Middle Bottom | 2nd 1st | 21.4 21.4 | 8.1 8.1 | 33.0 33.1 | 6.8 | 6.8 | 93.6 93.8 | 5.6 6.0 | | 3.8 2.6 | |
| | | | | | | | Bottom | 2nd | 21.4 | 8.1 | 33.1 | 6.8 | 0.8 | 93.8 | 6.0 | | 2.5 | |
| | | | | | | | Surface | 1st | 21.4 | 8.1 | 33.1 | 7.0 | 7.0 | 95.5 | 6.0 | 7.0 | 5.2 | 4.3 |
| | | | | | | | Surface | 2nd | 21.4 | 8.1 | 33.1 | 7.0 | 7.0 | 95.5 | 6.0 | 7.0 | 5.0 | 7.5 |
| | | | | | | | Middle | 1st | 21.4 | 8.1 | 33.1 | 7.0 | | 96.6 | 7.4 | | 4.3 | |
| 2018-12-12 | Mid-Flood | CS6 | Cloudy | Rough | 10:49 | 9.6 | Middle | 2nd | 21.4 | 8.1 | 33.1 | 7.0 | | 96.5 | 7.4 | | 4.2 | |
| | | | | | | | Bottom | 1st | 21.4 | 8.1 | 33.1 | 7.1 | 7.1 | 97.3 | 7.5 | | 3.4 | |
| | | | | | | | Bottom | 2nd | 21.4 | 8.1 | 33.1 | 7.1 | | 97.3 | 7.5 | | 3.5 | |
| | | | | | | | Surface | 1st | 20.9 | 8.1 | 32.4 | 7.1 | 7.1 | 96.0 | 10.9 | 11.5 | 8.7 | 10.5 |
| | | | | | | | Surface | 2nd | 20.9 | 8.1 | 32.4 | 7.1 | | 96.0 | 10.9 | | 8.1 | |
| 2018-12-12 | Mid-Flood | CS4 | Cloudy | Rough | 11:41 | 16.8 | Middle | 1st | 20.9 | 8.1 | 32.5 | 7.1 | | 96.1 | 11.2 | | 11.4 | |
| | | | | Ü | | | Middle | 2nd | 20.9 | 8.1 | 32.5 | 7.1 | 7.3 | 96.1 99.1 | 11.3 | | 11.0 | |
| | | | | | | | Bottom Bottom | 1st 2nd | 20.9 21.0 | 8.1 8.1 | 32.6 32.6 | 7.3 7.3 | 7.3 | 98.9 | 12.4 12.3 | | 11.5 12.3 | |
| | | | | | | | Surface | 1st | 20.0 | 8.1 | 32.3 | 7.5 | 7.5 | 99.0 | 11.0 | 11.3 | 11.5 | 13.5 |
| | | | | | | | Surface | 2nd | 20.0 | 8.1 | 32.3 | 7.4 | 1 | 99.0 | 10.8 | 11.0 | 11.8 | 10.0 |
| | | 000 | | | 40.00 | | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2018-12-12 | Mid-Flood | SR6 | Cloudy | Rough | 12:09 | 4.2 | Middle | 2nd | - | - | - | - | | - | - | | - | 1 |
| | | | | | | | Bottom | 1st | 20.0 | 8.1 | 32.3 | 7.5 | 7.5 | 100.2 | 11.7 | | 15.2 | |
| | | | | | | | Bottom | 2nd | 20.0 | 8.1 | 32.3 | 7.5 | | 100.2 | 11.7 | | 15.6 | |
| | | | | | I | | Surface | 1st | 20.4 | 8.1 | 32.2 | 7.3 | 7.3 | 97.0 | 12.1 | 14.6 | 12.7 | 15.8 |
| | | | | | I | | Surface | 2nd | 20.4 | 8.1 | 32.2 | 7.3 | | 97.0 | 12.1 | | 12.4 | |
| 2018-12-12 | Mid-Flood | CS(Mf)3(N) | Cloudy | Rough | 11:53 | 7.3 | Middle | 1st | 20.4 | 8.1 | 32.2 | 7.3 | | 97.5 97.4 | 15.3 | | 11.1 | |
| | | | | | | | Middle Bottom | 2nd 1st | 20.4 | 8.1 8.1 | 32.2 32.2 | 7.3 7.5 | 7.5 | 97.4 | 15.1 16.6 | | 11.9 22.8 | |
| | | | | | | | Bottom | 2nd | 20.3 | 8.1 | 32.2 | 7.4 | 7.5 | 99.5 | 16.4 | | 24.0 | |
| | 1 | | | | + | | Surface | 1st | 20.3 | 8.1 | 32.3 | 7.4 | 7.2 | 96.7 | 11.6 | 13.5 | 9.6 | 10.7 |
| | | | | | | | Surface | 2nd | 20.3 | 8.1 | 32.3 | 7.2 | 1 ' | 96.7 | 11.5 | 10.0 | 9.8 | 10.7 |
| 0040 40 46 | Marie Electrical | 005(41) | Olava t | D | 44.05 | 0.5 | Middle | 1st | 20.4 | 8.1 | 32.3 | 7.2 | 1 | 96.5 | 15.3 | 1 | 11.5 | 1 |
| 2018-12-12 | Mid-Flood | SR5(N) | Cloudy | Rough | 11:25 | 9.5 | Middle | 2nd | 20.4 | 8.1 | 32.3 | 7.2 | 1 | 96.5 | 15.2 | 1 | 11.1 | 1 |
| | | | | | I | | Bottom | 1st | 20.4 | 8.1 | 32.3 | 7.2 | 7.2 | 96.7 | 13.9 |] | 10.6 | |
| | | 1 | l | I | | | Bottom | 2nd | 20.4 | 8.1 | 32.3 | 7.2 | | 96.7 | 13.7 | | 11.3 | |
| | | | | | | | Surface | 1st | 20.5 | 8.1 | 32.2 | 7.1 | 7.2 | 95.6 | 13.8 | 14.0 | 11.7 | 13.0 |
| | | | | | | | | | | | | | - | | | | | |
| | | | | | | | Surface | 2nd | 20.5 | 8.1 | 32.2 | 7.1 | | 95.5 | 13.9 |] '" | 11.4 |] |
| 2018-12-12 | Mid-Flood | IS10(N) | Cloudv | Rouah | 11:20 | 12.4 | Surface Middle | 2nd 1st | 20.5 20.6 | 8.1 8.1 | 32.2 32.3 | 7.1 7.2 | | 95.5 96.8 | 13.9 14.3 | | 11.4 12.8 | |
| 2018-12-12 | Mid-Flood | IS10(N) | Cloudy | Rough | 11:20 | 12.4 | Surface | 2nd | 20.5 | 8.1 | 32.2 | 7.1 | 7.3 | 95.5 | 13.9 | | 11.4 | |

| ntract No. HY/201 | 13/04 HZIVIB H | INDUF - IIIIIas | iluciule Wolf | is stage if (50 | ullielli Follioi | 1) | | VV | ater Quality Monito | ning Data | | | | | | | | Page 19 of |
|----------------------|----------------|-----------------|---------------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|----------------------|-----------------|-------------------------------------|--------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 20.7 | 8.1 | 32.4 | 7.1 | 7.1 | 95.3 | 11.2 | 11.9 | 9.1 | 10.1 |
| | | | | | | | Surface | 2nd | 20.7 | 8.1 | 32.4 | 7.1 | | 95.2 | 11.2 | | 9.6 | |
| 2018-12-12 | Mid-Flood | IS(Mf)11 | Cloudy | Rough | 11:13 | 11.3 | Middle Middle | 1st 2nd | 20.7 20.7 | 8.1 8.1 | 32.4 32.4 | 7.1 7.1 | | 96.2 96.1 | 11.8 11.8 | | 9.7 9.9 | |
| | | | | | | | Bottom | 1st | 20.7 | 8.1 | 32.4 | 7.1 | 7.2 | 97.4 | 12.8 | | 11.3 | |
| | | | | | | | Bottom | 2nd | 20.7 | 8.1 | 32.4 | 7.2 | 1.2 | 97.2 | 12.8 | | 11.2 | |
| | | | | | | | Surface | 1st | 21.6 | 8.3 | 31.8 | 7.0 | 7.0 | 94.6 | 5.3 | 8.3 | 6.0 | 5.8 |
| | | | | | | | Surface | 2nd | 21.6 | 8.3 | 31.8 | 7.0 | | 94.6 | 5.3 | | 5.8 | |
| 2018-12-12 | Mid-Flood | CS(Mf)5 | Cloudy | Moderate | 11:24 | 12.6 | Middle | 1st | 21.6 | 8.3 | 31.8 | 7.0 | | 94.8 | 7.7 | | 6.6 | |
| | | ()- | , | | | | Middle | 2nd | 21.6 | 8.3 | 31.8 | 7.0 | 7.4 | 94.8 | 7.3 | | 6.2 | |
| | | | | | | | Bottom Bottom | 1st 2nd | 21.7 21.7 | 8.2 8.2 | 31.9 31.9 | 7.1 7.1 | 7.1 | 96.1 96.0 | 11.9 12.1 | - | 5.3 4.8 | |
| | + | | | | | | Surface | 1st | 20.8 | 8.1 | 32.6 | 7.2 | 7.2 | 97.2 | 13.7 | 13.7 | 13.1 | 14.8 |
| | | | | | | | Surface | 2nd | 20.8 | 8.1 | 32.6 | 7.2 | | 97.0 | 13.5 | | 13.9 | 10 |
| 2018-12-12 | Mid-Flood | SR7 | Cloudy | Rough | 11:07 | 4.2 | Middle | 1st | - | - | - | - | | | - | | - | |
| 2010-12-12 | IVIIG-I IOOG | SIN | Cloudy | Kougii | 11.07 | 4.2 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 20.8 | 8.1 | 32.6 | 7.3 | 7.3 | 98.6 | 13.8 | | 15.3 | |
| | + | | | | | | Bottom | 2nd | 20.8 | 8.1 | 32.6 | 7.3 | 7.4 | 98.5 98.1 | 13.7 | 0.5 | 16.8 | 11.4 |
| | | | | | | | Surface Surface | 1st 2nd | 20.8 20.8 | 8.3 8.3 | 31.3 31.3 | 7.3 7.3 | 7.4 | 98.1 | 7.9 7.8 | 8.5 | 6.8 | 11.4 |
| | | | | | | | Middle | 1st | 20.7 | 8.3 | 31.3 | 7.4 | | 98.9 | 8.9 | | 7.2 | |
| 2018-12-12 | Mid-Flood | IS17 | Cloudy | Moderate | 11:45 | 7.7 | Middle | 2nd | 20.7 | 8.3 | 31.3 | 7.4 | | 98.8 | 8.9 | | 6.9 | |
| | | | | | | | Bottom | 1st | 20.7 | 8.2 | 31.3 | 7.8 | 7.8 | 103.6 | 8.6 | | 20.4 | |
| | | | | | | | Bottom | 2nd | 20.7 | 8.2 | 31.3 | 7.8 | | 103.1 | 8.7 | | 20.0 | |
| | | | | | | | Surface | 1st | 20.7 | 8.3 | 31.0 | 7.3 | 7.3 | 96.9 | 15.0 | 12.1 | 16.9 | 14.3 |
| | | | | | | | Surface | 2nd | 20.7 | 8.3 | 30.9 | 7.3 | | 96.8 | 15.0 | | 15.7 | |
| 2018-12-12 | Mid-Flood | IS(Mf)16 | Cloudy | Moderate | 11:51 | 5.2 | Middle | 1st | - | - | - | - | | - | - | | - | |
| | | . , | | | | | Middle Bottom | 2nd 1st | 20.6 | 8.2 | 31.1 | 7.7 | 7.7 | 102.1 | 9.2 | | 12.0 | |
| | | | | | | | Bottom | 2nd | 20.6 | 8.3 | 31.1 | 7.7 | 1.7 | 102.1 | 9.2 | - | 12.7 | |
| | | | | | | | Surface | 1st | 20.6 | 8.2 | 30.8 | 7.4 | 7.4 | 98.5 | 9.7 | 9.5 | 48.2 | 37.4 |
| | | | | | | | Surface | 2nd | 20.6 | 8.2 | 30.8 | 7.4 | 1 | 98.5 | 9.4 | | 45.3 | |
| 2018-12-12 | Mid-Flood | IS8 | Cloudy | Moderate | 12:11 | 3.6 | Middle | 1st | - | - | - | - | | • | - | | - | |
| 2010-12-12 | IVIIG-I IOOG | 130 | Cloudy | Moderate | 12.11 | 3.0 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 20.7 | 8.2 | 30.9 | 7.9 | 7.9 | 104.4 | 8.8 | | 28.4 | |
| | + | | | | | | Bottom | 2nd | 20.7 | 8.2 | 30.9 | 7.9 | 7.4 | 104.1 | 10.0 | 0.0 | 27.5 | 00.7 |
| | | | | | | | Surface Surface | 1st 2nd | 20.4 20.4 | 8.2 8.2 | 30.5 30.5 | 7.4 7.4 | 7.4 | 97.9 97.8 | 6.3 6.2 | 9.2 | 26.3 24.3 | 28.7 |
| | | | | | | | Middle | 1st | - | - | - | - ' | | - | - | | - | |
| 2018-12-12 | Mid-Flood | SR4(N) | Cloudy | Moderate | 12:06 | 4.3 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 20.5 | 8.2 | 30.7 | 7.9 | 7.9 | 104.1 | 12.0 | | 31.1 | |
| | | | | | | | Bottom | 2nd | 20.5 | 8.2 | 30.7 | 7.9 | | 103.7 | 12.4 | | 32.9 | |
| | | | | | | | Surface | 1st | 20.6 | 8.2 | 30.6 | 7.3 | 7.3 | 96.5 | 12.9 | 13.0 | 23.2 | 26.1 |
| | | | | | | | Surface Middle | 2nd 1st | 20.6 | 8.2 | 30.6 | 7.3 | | 96.4 | 12.8 | | 24.7 | |
| 2018-12-12 | Mid-Flood | IS(Mf)9 | Cloudy | Moderate | 12:17 | 3.3 | Middle | 2nd | - | | - | - | 1 | - | - | - | - | |
| | | | | | | | Bottom | 1st | 20.5 | 8.2 | 30.6 | 7.3 | 7.3 | 96.9 | 13.2 | | 28.4 | |
| | | | | | | | Bottom | 2nd | 20.5 | 8.2 | 30.6 | 7.3 | | 96.9 | 13.2 | | 28.2 | |
| | | | | | | | Surface | 1st | - | - | - | - | 7.7 | - | - | 9.4 | - | 27.7 |
| | | | | | | | Surface | 2nd | - | - | - | - |] | - | - | 1 | - | |
| 2018-12-12 | Mid-Flood | IS7 | Cloudy | Moderate | 12:26 | 2.8 | Middle | 1st | 20.4 | 8.2 | 30.4 | 7.7 | | 101.2 | 9.4 | | 26.9 | |
| | | | | | | | Middle | 2nd | 20.4 | 8.2 | 30.4 | 7.7 | _ | 101.0 | 9.4 | | 28.4 | |
| | | | | | | | Bottom Bottom | 1st 2nd | - | | - | <u> </u> | - 1 | - | - | - | - | |
| | + | | | | | | Surface | 1st | - | | | | 7.3 | | - | 7.7 | - | 3.9 |
| | | | | | | | Surface | 2nd | - | _ | - | - | 1 | - | - | 1 | - | 3.0 |
| 2018-12-12 | Mid-Flood | IS(Mf)6 | Cloudy | Moderate | 12:30 | 2.6 | Middle | 1st | 20.5 | 8.2 | 30.4 | 7.3 |] | 96.0 | 7.7 |] | 3.5 | |
| 2010-12-12 | IVIIU-I IUUU | iO(ivii)O | Cioudy | ivioudiale | 12.30 | 2.0 | Middle | 2nd | 20.5 | 8.2 | 30.4 | 7.3 | | 95.9 | 7.7 | 1 | 4.2 | |
| | | | | | | | Bottom | 1st | - | - | - | - | - | - | - | 4 | - | |
| | | | | | | | Bottom | 2nd | - | - 0.0 | - 20.4 | - 7.0 | 7.3 | 94.4 | - | 14.4 | - | 0.7 |
| | | | | | | | Surface Surface | 1st 2nd | 20.4 20.4 | 8.2 8.2 | 30.4 30.4 | 7.2 7.2 | 1.3 | 94.4 | 14.1 14.1 | 14.4 | 3.1 | 3.7 |
| | | | | 1 | 1 | | Middle | 1st | 20.4 | 8.2 | 30.4 | 7.2 | 1 | 95.7 | 13.9 | 1 | 3.6 | |
| 2018-12-12 | Mid-Flood | IS5 | Cloudy | Moderate | 12:39 | 8.9 | Middle | 2nd | 20.4 | 8.2 | 30.4 | 7.3 | 1 | 95.7 | 13.8 | 1 | 4.0 | |
| | | | | | | | Bottom | 1st | 20.4 | 8.2 | 30.4 | 7.4 | 7.4 | 97.0 | 15.3 |] | 4.2 | |
| | | | 1 | 1 | 1 | 1 | Bottom | 2nd | 20.4 | 8.2 | 30.4 | 7.4 | 7 | 96.8 | 15.3 | 1 | 3.4 | i |

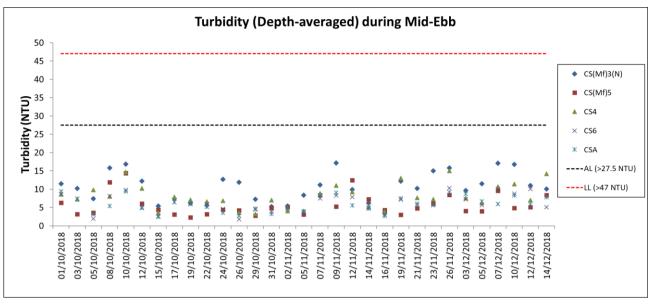
| ntract No. HY/201 | 10/04 HZIVID I | inter initiati | · | o clage ii (co | dinomi ordon | '/ | | | ater Quality Monito | ning Data | | | | | | | | Page 20 o |
|----------------------|----------------|----------------|----------|--|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|-------------------|-----------------|-------------------------------------|--------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 20.4 | 8.2 | 30.5 | 7.4 | 7.4 | 98.0 | 8.7 | 9.2 | 3.7 | 3.7 |
| | | | | | | | Surface | 2nd | 20.4 | 8.2 | 30.5 | 7.4 | | 97.5 | 8.5 | | 3.3 | |
| 2018-12-12 | Mid-Flood | SR3(N) | Cloudy | Moderate | 12:46 | 3.6 | Middle | 1st | - | - | - | - | | - | - | | - | |
| | | - () | | | | | Middle | 2nd | - | - | - 00.4 | - | 0.0 | - | - | | - | |
| | | | | | | | Bottom | 1st | 20.4 | 8.2 | 30.4 | 8.0 | 8.0 | 105.6 | 9.9 | | 4.0 3.8 | |
| | - | | | | | | Bottom | 2nd | 20.4 | 8.2 8.0 | 30.3 33.5 | 8.0 7.0 | 7.1 | 105.2 96.2 | 9.6 8.4 | 11.0 | 5.9 | 6.5 |
| | | | | | | | Surface Surface | 1st 2nd | 21.1 21.1 | 8.0 | 33.5 | 7.0 | 7.1 | 96.2 96.1 | 8.4 | 11.0 | 5.9 | 6.5 |
| | | | | | | | Middle | 1st | 21.0 | 8.0 | 33.5 | 7.0 | | 96.7 | 11.3 | | 6.0 | |
| 2018-12-14 | Mid-Ebb | SR10A(N) | Fine | Moderate | 4:43 | 12.5 | Middle | 2nd | 21.0 | 8.0 | 33.5 | 7.1 | | 96.7 | 11.3 | | 6.4 | |
| | | | | | | | Bottom | 1st | 21.0 | 8.0 | 33.5 | 7.1 | 7.2 | 97.6 | 13.3 | | 7.9 | |
| | | | | | | | Bottom | 2nd | 21.0 | 8.0 | 33.5 | 7.1 | 1.2 | 97.5 | 13.3 | | 7.2 | |
| | + | | | | | | Surface | 1st | 21.1 | 8.0 | 33.5 | 7.0 | 7.0 | 95.4 | 3.3 | 5.4 | 5.5 | 5.5 |
| | | | | | | | Surface | 2nd | 21.1 | 8.0 | 33.5 | 7.0 | 7.0 | 95.4 | 3.2 | 0.4 | 5.1 | 0.0 |
| | | | | | | | Middle | 1st | 21.1 | 8.0 | 33.5 | 7.0 | 1 | 95.4 | 5.6 | | 5.8 | |
| 2018-12-14 | Mid-Ebb | SR10B(N2) | Fine | Moderate | 4:52 | 6.5 | Middle | 2nd | 21.1 | 8.0 | 33.5 | 7.0 | | 95.4 | 5.6 | | 5.5 | |
| | | | | | | | Bottom | 1st | 21.1 | 8.0 | 33.5 | 7.0 | 7.0 | 95.6 | 7.4 | | 5.8 | |
| | | | | | | | Bottom | 2nd | 21.1 | 8.0 | 33.5 | 7.0 | | 95.5 | 7.5 | | 5.5 | |
| | | | | | | | Surface | 1st | 21.3 | 8.3 | 32.4 | 7.1 | 7.1 | 96.4 | 5.3 | 7.8 | 8.1 | 8.1 |
| | | | | | | | Surface | 2nd | 21.3 | 8.3 | 32.4 | 7.1 | i | 96.4 | 5.4 | | 8.2 | |
| 2040 42 44 | Mid Ekk | 004 | Claudi | Madazata | 5:00 | 33.1 | Middle | 1st | 21.3 | 8.2 | 32.5 | 7.1 | i | 96.6 | 5.3 | | 8.1 | |
| 2018-12-14 | Mid-Ebb | CSA | Cloudy | Moderate | 5:00 | 33.1 | Middle | 2nd | 21.3 | 8.2 | 32.5 | 7.1 | | 96.6 | 5.3 | | 8.3 | |
| | | | | | | | Bottom | 1st | 21.3 | 8.2 | 32.5 | 7.1 | 7.1 | 97.0 | 12.9 | | 7.9 | |
| | | | | | | | Bottom | 2nd | 21.3 | 8.2 | 32.5 | 7.1 | | 97.0 | 12.4 | | 8.1 | |
| | | | | | | | Surface | 1st | 21.3 | 8.3 | 32.4 | 7.1 | 7.1 | 96.2 | 5.1 | 5.1 | 6.9 | 6.8 |
| | | | | | | | Surface | 2nd | 21.3 | 8.3 | 32.4 | 7.1 | | 96.2 | 5.2 | | 6.8 | |
| 2040 42 44 | Mid Ekk | CS6 | Claudi | Madazata | 5.45 | 0.0 | Middle | 1st | 21.3 | 8.3 | 32.5 | 7.0 | | 96.1 | 5.1 | | 6.3 | |
| 2018-12-14 | Mid-Ebb | CSb | Cloudy | Moderate | 5:15 | 8.6 | Middle | 2nd | 21.3 | 8.3 | 32.5 | 7.0 | | 96.1 | 5.0 | | 6.7 | |
| | | | | | | | Bottom | 1st | 21.4 | 8.3 | 32.5 | 7.0 | 7.0 | 96.1 | 5.2 | | 6.8 | |
| | | | | | | | Bottom | 2nd | 21.4 | 8.3 | 32.5 | 7.0 | | 96.1 | 5.1 | | 7.0 | |
| | | | | | | | Surface | 1st | 19.8 | 8.3 | 32.3 | 7.5 | 7.5 | 99.2 | 13.1 | 14.2 | 20.6 | 20.1 |
| | | | | | | | Surface | 2nd | 19.8 | 8.3 | 32.3 | 7.5 | | 99.2 | 13.2 | | 19.0 | |
| 2018-12-14 | Mid-Ebb | CS4 | Cloudy | Moderate | 6:08 | 16.2 | Middle | 1st | 19.8 | 8.3 | 32.3 | 7.5 | | 99.1 | 13.7 | | 20.4 | |
| 2010-12-14 | WIIG-LDD | 034 | Cioday | Woderate | 0.00 | 10.2 | Middle | 2nd | 19.8 | 8.3 | 32.3 | 7.5 | | 99.1 | 13.6 | | 20.0 | |
| | | | | | | | Bottom | 1st | 19.9 | 8.3 | 32.3 | 7.5 | 7.5 | 99.0 | 16.1 | | 20.5 | |
| | | | | | | | Bottom | 2nd | 19.9 | 8.3 | 32.3 | 7.5 | | 99.0 | 15.6 | | 20.1 | |
| | | | | | | | Surface | 1st | 19.8 | 8.3 | 32.3 | 7.5 | 7.5 | 99.1 | 12.7 | 13.3 | 19.3 | 19.9 |
| | | | | | | | Surface | 2nd | 19.8 | 8.3 | 32.3 | 7.5 | | 99.1 | 12.6 | | 19.5 | |
| 2018-12-14 | Mid-Ebb | SR6 | Cloudy | Moderate | 6:30 | 4.5 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010 12 14 | Wild EDD | Onto | Cloudy | Moderate | 0.00 | 4.0 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 19.9 | 8.3 | 32.3 | 7.5 | 7.5 | 99.0 | 14.6 | | 20.5 | |
| | | | | | | | Bottom | 2nd | 19.9 | 8.3 | 32.3 | 7.5 | | 99.0 | 13.1 | | 20.3 | |
| | | | | | | | Surface | 1st | 20.0 | 8.3 | 31.7 | 7.4 | 7.4 | 97.9 | 9.5 | 10.1 | 12.0 | 12.6 |
| | | | | | | | Surface | 2nd | 20.0 | 8.3 | 31.7 | 7.4 | | 97.9 | 9.4 | | 12.3 | |
| 2018-12-14 | Mid-Ebb | CS(Mf)3(N) | Cloudy | Moderate | 6:15 | 7.0 | Middle | 1st | 19.9 | 8.3 | 31.7 | 7.4 | | 97.9 | 9.5 | | 12.6 | |
| | | ()-() | | | | | Middle | 2nd | 19.9 | 8.3 | 31.7 | 7.4 | | 97.9 | 9.6 | | 13.0 | |
| | | | | | | | Bottom | 1st | 19.9 | 8.3 | 31.7 | 7.4 | 7.4 | 97.7 | 11.1 | | 12.7 | |
| | | | | | | | Bottom | 2nd | 19.9 | 8.3 | 31.7 | 7.4 | | 97.7 | 11.3 | | 13.1 | |
| | | | | | | | Surface | 1st | 19.8 | 8.3 | 32.3 | 7.5 | 7.5 | 99.0 | 12.7 | 13.0 | 20.4 | 20.2 |
| | | | | | | | Surface | 2nd | 19.8 | 8.3 | 32.3 | 7.5 | | 99.0 | 12.7 | | 20.0 | |
| 2018-12-14 | Mid-Ebb | SR5(N) | Cloudy | Moderate | 5:52 | 9.2 | Middle | 1st | 19.8 | 8.3 | 32.3 | 7.5 | | 98.9 | 12.3 | | 20.2 | |
| | | . , | • | | | | Middle | 2nd | 19.8 19.8 | 8.3 8.3 | 32.3 | 7.5 | 7.4 | 98.9 98.5 | 12.3 14.0 | | 20.0 | |
| | | | | | | | Bottom | 1st | | | 32.3 | 7.4 | 7.4 | | 14.0 | | | |
| | | | | | | | Bottom | 2nd | 19.8 | 8.3 | 32.3 | 7.4 | 7.4 | 98.5 | | 0.0 | 20.1 | 40.0 |
| | | | | Ì | | | Surface | 1st | 19.7 | 8.3 | 32.1 | 7.4 | 7.4 | 98.2 | 7.8 | 8.6 | 17.1 17.7 | 18.6 |
| | | | | 1 | | | Surface Middle | 2nd 1st | 19.7 19.7 | 8.3 8.3 | 32.1 32.1 | 7.4 7.4 | 1 | 98.2 98.1 | 7.7 8.4 | 1 | 17.7 | |
| 2018-12-14 | Mid-Ebb | IS10(N) | Cloudy | Moderate | 5:47 | 12.4 | Middle | | 19.7 | | | | 1 | 98.1 | | 1 | 18.3 | |
| | | | | 1 | | | | 2nd 1st | 19.7 19.7 | 8.3 8.3 | 32.1 32.1 | 7.4 7.4 | 7.4 | 98.1 97.9 | 8.4 9.5 | 1 | 18.6 19.9 | |
| | | | | 1 | | | Bottom | | | | | | 7.4 | | | 1 | | |
| | 1 | | | | 1 | | Bottom | 2nd | 19.7 | 8.3 | 32.1 | 7.4 | 7.4 | 97.9 | 9.6 | 0.5 | 20.2 | 12.0 |
| | | | | Ì | | | Surface | 1st | 19.7 | 8.3 | 32.1 | 7.4 | 7.4 | 98.3 | 8.2 | 8.5 | 12.6 | 13.9 |
| | | | | Ì | | | Surface | 2nd | 19.7 | 8.3 | 32.1 | 7.4 | 1 | 98.3 | 8.1 | - | 12.0 | |
| 2018-12-14 | Mid-Ebb | IS(Mf)11 | Cloudy | Moderate | 5:39 | 11.2 | Middle | 1st | 19.7 | 8.3 | 32.1 | 7.4 | 1 | 98.2 | 8.5 | | 13.2 | |
| | | ` ′ | _ | 1 | | | Middle | 2nd | 19.7 | 8.3 | 32.1 | 7.4 | 7.4 | 98.2 | 8.4 | - | 13.8 | |
| | | | | | | | Bottom | 1st | 19.7 | 8.3 | 32.1 | 7.4 | 7.4 | 98.1 | 8.9 | 1 | 15.9 | |
| | | i | Ī | 1 | 1 | 1 | Bottom | 2nd | 19.7 | 8.3 | 32.1 | 7.4 | 1 | 98.1 | 8.9 | I | 16.1 | l |

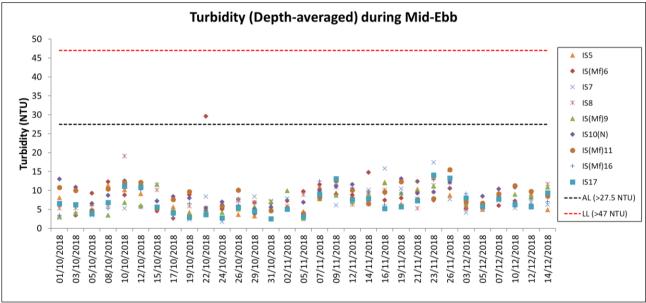
| tract No. HY/201 | 13/04 HZIVID I | IIIDOI — IIIIIasi | | | | í | | | | | | | | | | | | Page 21 of |
|----------------------|----------------|-------------------|---------|------------------|------------------|--------------------|-------------------------|------------|---------------------------|------------|----------------|------------|----------------------|-------------------|-----------------|-------------------------------------|--------------|--------------------------------|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 21.1 | 8.0 | 33.5 | 7.0 | 7.0 | 95.1 | 5.7 | 8.4 | 5.0 | 5.5 |
| | | | | | | | Surface | 2nd | 21.1 | 8.0 | 33.5 | 7.0 | | 95.1 | 5.7 | | 5.5 | |
| 2018-12-14 | Mid-Ebb | CS(Mf)5 | Fine | Moderate | 5:12 | 11.5 | Middle | 1st | 21.1 | 8.0 | 33.5 | 6.9 | | 95.0 | 7.6 | | 5.7 | |
| 2010 12 11 | mid 255 | 00()0 | 10 | moderate | 02 | | Middle | 2nd | 21.1 | 8.0 | 33.5 | 6.9 | | 95.0 | 7.8 | | 5.5 | |
| | | | | | | | Bottom | 1st | 21.1 | 8.0 | 33.5 | 7.0 | 7.0 | 95.1 | 11.8 | | 5.8 | |
| | | | | | | | Bottom | 2nd | 21.1 | 8.0 | 33.5 | 7.0 | | 95.1 | 11.8 | | 5.4 | |
| | | | | | | | Surface | 1st | 19.7 | 8.3 | 32.1 | 7.5 | 7.5 | 98.4 | 8.0 | 8.2 | 10.1 | 11.5 |
| | | | | | | | Surface | 2nd | 19.7 | 8.3 | 32.1 | 7.5 | | 98.4 | 8.1 | | 10.6 | |
| 2018-12-14 | Mid-Ebb | SR7 | Cloudy | Moderate | 5:33 | 4.2 | Middle | 1st | - | - | - | - | | - | - | | - | |
| | | | • | | | | Middle | 2nd | - | - | 32.1 | | 7.5 | 98.5 | - | | - | |
| | | | | | | | Bottom | 1st | 19.7 19.7 | 8.3 8.3 | 32.1 | 7.5 | 7.5 | 98.5 | 8.3 8.5 | | 12.3 12.8 | |
| | - | | | | | | Bottom Surface | 2nd 1st | 21.1 | 8.0 | 33.5 | 7.5 6.9 | 6.9 | 95.0 | 5.5 | 9.4 | 3.5 | 4.1 |
| | | | | | | | Surface | 2nd | 21.1 | 8.0 | 33.5 | 6.9 | 0.9 | 95.0 | 5.4 | 9.4 | 3.0 | 4.1 |
| | | | | | | | Middle | 1st | 21.1 | 8.0 | 33.5 | 6.9 | _ | 94.9 | 10.5 | | 3.7 | |
| 2018-12-14 | Mid-Ebb | IS17 | Fine | Moderate | 5:24 | 9.5 | Middle | 2nd | 21.1 | 8.0 | 33.5 | 6.9 | | 94.9 | 10.5 | | 3.4 | |
| | | | | | | | Bottom | 1st | 21.1 | 8.0 | 33.5 | 6.9 | 6.9 | 94.9 | 12.3 | | 5.4 | |
| | | | | | | | Bottom | 2nd | 21.1 | 8.0 | 33.5 | 6.9 | 0.9 | 94.9 | 12.4 | | 5.4 | |
| | 1 | | | | | | Surface | 1st | 21.1 | 8.0 | 33.5 | 6.9 | 6.9 | 94.8 | 4.3 | 7.1 | 6.5 | 6.7 |
| | | | | | | | Surface | 2nd | 21.1 | 8.0 | 33.5 | 6.9 | 0.3 | 94.8 | 4.4 | · · · · | 6.9 | 0.7 |
| | | | | | | | Middle | 1st | - | - 0.0 | - | - | | - | - | | - | |
| 2018-12-14 | Mid-Ebb | IS(Mf)16 | Fine | Moderate | 5:34 | 5.6 | Middle | 2nd | - | - | - | | - | | - | | - | |
| | | | | | | | Bottom | 1st | 21.1 | 8.0 | 33.5 | 6.9 | 6.9 | 94.8 | 9.9 | | 6.5 | |
| | | | | | | | Bottom | 2nd | 21.1 | 8.0 | 33.5 | 6.9 | 0.9 | 94.7 | 9.8 | | 6.9 | |
| | + | | | | | | Surface | 1st | 19.1 | 7.9 | 32.6 | 7.2 | 7.2 | 94.5 | 7.7 | 11.7 | 5.2 | 6.4 |
| | | | | | | | Surface | 2nd | 19.1 | 8.0 | 32.6 | 7.2 | 7.2 | 94.5 | 7.4 | 11.7 | 5.7 | 0.4 |
| | | | | | | | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2018-12-14 | Mid-Ebb | IS8 | Fine | Moderate | 6:02 | 3.4 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 19.2 | 8.0 | 32.7 | 7.2 | 7.2 | 94.6 | 15.9 | | 7.4 | |
| | | | | | | | Bottom | 2nd | 19.2 | 8.0 | 32.7 | 7.2 | 1 | 94.6 | 15.9 | | 7.2 | |
| | | | | | | | Surface | 1st | 19.1 | 8.0 | 32.5 | 7.3 | 7.3 | 95.0 | 6.6 | 10.2 | 4.5 | 5.8 |
| | | | | | | | Surface | 2nd | 19.1 | 8.0 | 32.5 | 7.3 | | 95.0 | 6.6 | | 4.7 | |
| 0040 40 44 | Maria Esta | 004/10 | F | Mandanata | 5.54 | 0.0 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2018-12-14 | Mid-Ebb | SR4(N) | Fine | Moderate | 5:51 | 3.2 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 19.1 | 8.0 | 32.5 | 7.3 | 7.3 | 95.0 | 13.7 | | 6.9 | |
| | | | | | | | Bottom | 2nd | 19.1 | 8.0 | 32.5 | 7.3 | | 95.0 | 13.8 | | 6.9 | |
| | | | | | | | Surface | 1st | 19.2 | 7.9 | 32.6 | 7.2 | 7.2 | 94.5 | 5.6 | 10.9 | 5.7 | 6.6 |
| | | | | | | | Surface | 2nd | 19.1 | 7.9 | 32.6 | 7.2 | | 94.5 | 5.6 | | 6.1 | |
| 2018-12-14 | Mid-Ebb | IS(Mf)9 | Fine | Moderate | 6:11 | 3.2 | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2010 12 14 | IVIIG EDD | 10(1411)5 | 1 1110 | Moderate | 0.11 | 0.2 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 19.1 | 7.9 | 32.6 | 7.2 | 7.2 | 94.4 | 16.0 | | 7.5 | |
| | | | | | | | Bottom | 2nd | 19.1 | 7.9 | 32.6 | 7.2 | | 94.4 | 16.3 | | 7.2 | |
| | | | | | | | Surface | 1st | - | - | - | - | 7.2 | - | - | 6.3 | - | 6.3 |
| | | | | | | | Surface | 2nd | - | - | - | | | | | | | |
| 2018-12-14 | Mid-Ebb | IS7 | Fine | Moderate | 6:17 | 2.7 | Middle | 1st | 19.1 | 8.0 | 32.4 | 7.2 | | 94.0 | 6.3 | | 6.3 | |
| | | | | | | | Middle | 2nd | 19.1 | 8.0 | 32.4 | 7.2 | | 94.0 | 6.3 | | 6.2 | |
| | | | | | | | Bottom | 1st | - | - | - | - | - | - | - | | - | |
| | + | | | | | | Bottom | 2nd | | | - | - | 7.0 | - | | 0.0 | - | 0.4 |
| | 1 | | | | 1 | | Surface | 1st | - | - | - | - | 7.2 | - | - | 6.0 | - | 6.4 |
| | 1 | | | 1 | I | | Surface Middle | 2nd 1st | 19.0 | 8.0 | 32.4 | 7.2 | - | 93.8 | 6.0 | - | 6.3 | |
| 2018-12-14 | Mid-Ebb | IS(Mf)6 | Fine | Moderate | 6:22 | 2.5 | Middle | 2nd | 19.0 | 8.0 | 32.4 | 7.2 | | 93.8 | 6.0 | | 6.4 | |
| | | | | | | | Bottom | 1st | 19.0 | - | - 32.4 | - | - | - 93.6 | - | | - | |
| | | | | | | | Bottom | 2nd | - | | - | | 1 | - | - | | - | |
| | 1 | | | | | | Surface | 1st | 19.0 | 8.0 | 32.4 | 7.2 | 7.2 | 93.6 | 3.1 | 4.9 | 7.3 | 7.3 |
| | 1 | | | 1 | I | | Surface | 2nd | 19.0 | 8.0 | 32.4 | 7.2 | 1.2 | 93.6 | 3.0 | 7.5 | 6.8 | 7.3 |
| | 1 | | | | 1 | | Middle | 1st | 19.1 | 8.0 | 32.5 | 7.2 | 1 | 93.0 | 5.4 | 1 | 7.4 | |
| 2018-12-14 | Mid-Ebb | IS5 | Fine | Moderate | 6:28 | 8.2 | Middle | 2nd | 19.1 | 8.0 | 32.5 | 7.2 | 1 | 93.9 | 5.6 | 1 | 6.9 | |
| | 1 | | | 1 | I | | Bottom | 1st | 19.1 | 8.0 | 32.4 | 7.2 | 7.2 | 93.7 | 6.2 | 1 | 8.0 | 1 |
| | 1 | | | | 1 | | Bottom | 2nd | 19.1 | 8.0 | 32.4 | 7.2 | 1 | 93.8 | 6.3 | 1 | 7.6 | |
| | 1 | | | 1 | 1 | 1 | Surface | 1st | 19.1 | 8.0 | 32.4 | 7.2 | 7.2 | 93.6 | 6.4 | 10.4 | 5.9 | 6.5 |
| | • | l | l | | 1 | i | Surface | 2nd | 19.1 | 8.0 | 32.4 | 7.2 | 1 | 93.6 | 6.4 | 1 | 6.0 | |
| | | | | | | | | | | | | | | | | | | |
| | | 005.00 | | | | 0 - | | | - | | | - | | - | - | | | |
| 2018-12-14 | Mid-Ebb | SR3(N) | Fine | Moderate | 6:32 | 3.5 | Middle Middle | 1st | | - | - | - | | - | - | | - | |
| 2018-12-14 | Mid-Ebb | SR3(N) | Fine | Moderate | 6:32 | 3.5 | Middle | | - | - | - | | 7.2 | | | | - | |

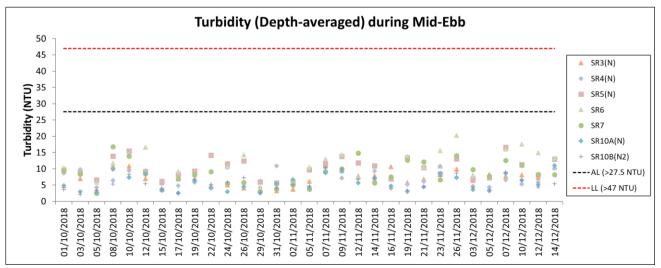
| tract No. HY/201 | 13/04 HZMB F | INDCI – IIIIIasi | ructure vvoir | c.a.g (c. | | í . | | | | ring Data | 1 | | | | | | | Page 22 o |
|----------------------|--------------|-------------------|---------------|----------------------|------------------|--------------------|--|---|--|--|--|--|----------------------|--|---|-------------------------------------|---|---|
| Date (yyyy-mm-dd) | Tide | Station | Weather | Sea condition | Sampling Time | Water Depth (m) | Sampling Water Level | Replicate | Water Temperature (°C) | рН | Salinity (ppt) | DO (mg/L) | Average of DO (mg/L) | DO Saturation (%) | Turbidity (NTU) | Turbidity (NTU) (depth-averaged) | ss | SS (mg/L) (depth- averaged) |
| | | | | | | | Surface | 1st | 21.0 | 8.1 | 33.5 | 7.1 | 7.2 | 97.0 | 6.1 | 8.1 | 6.9 | 7.1 |
| | | | | | | | Surface | 2nd | 21.0 | 8.1 | 33.5 | 7.1 | | 97.0 | 6.1 | | 6.5 | |
| 2018-12-14 | Mid-Flood | SR10A(N) | Fine | Moderate | 13:20 | 13.7 | Middle | 1st | 21.0 | 8.1 | 33.5 | 7.2 | - | 97.9 | 6.3 | | 6.7 | |
| | | , , | | | | | Middle Bottom | 2nd 1st | 21.0 21.0 | 8.1 8.1 | 33.5 33.5 | 7.2 7.2 | 7.2 | 97.9 98.8 | 6.3 11.8 | | 7.1 7.9 | |
| | | | | | | | Bottom | 2nd | 21.0 | 8.1 | 33.5 | 7.2 | 7.2 | 98.8 | 11.8 | | 7.6 | |
| | 1 | | | | | | Surface | 1st | 21.1 | 8.1 | 33.5 | 7.1 | 7.2 | 96.8 | 7.3 | 13.1 | 6.9 | 6.8 |
| | | | | | | | Surface | 2nd | 21.1 | 8.1 | 33.5 | 7.1 | | 96.8 | 7.3 | 10.1 | 6.7 | 0.0 |
| 2018-12-14 | Mid-Flood | SR10B(N2) | Fine | Moderate | 13:24 | 6.2 | Middle | 1st | 21.0 | 8.1 | 33.5 | 7.2 | | 98.9 | 15.6 | | 6.2 | |
| 2018-12-14 | IVIIG-FIOOG | SK IUB(INZ) | rine | Moderate | 13:24 | 0.∠ | Middle | 2nd | 21.0 | 8.1 | 33.5 | 7.2 | | 98.9 | 15.6 | | 6.5 | |
| | | | | | | | Bottom | 1st | 21.0 | 8.1 | 33.5 | 7.3 | 7.3 | 99.9 | 16.5 | | 7.5 | |
| | | | | | | | Bottom | 2nd | 21.0 | 8.1 | 33.5 | 7.3 | | 99.9 | 16.5 | | 7.1 | |
| | | | | | | | Surface | 1st | 21.4 | 8.3 | 32.5 | 7.0 | 7.0 | 95.8 | 3.9 | 4.3 | 4.9 | 5.7 |
| | | | | | | | Surface | 2nd | 21.4 | 8.3 | 32.5 | 7.0 | 4 | 95.8 | 3.9 | | 5.3 | |
| 2018-12-14 | Mid-Flood | CSA | Cloudy | Moderate | 13:03 | 32.8 | Middle | 1st | 21.4 | 8.3 8.3 | 32.5 32.5 | 7.0 7.0 | 4 | 95.3 95.3 | 4.4 | | 5.2 5.5 | |
| | | | | | | | Middle Bottom | 2nd 1st | 21.4 21.4 | 8.3 | 32.5 | 7.0 | 7.0 | 95.5 | 4.5 | | 6.6 | - |
| | | | | | | | Bottom | 2nd | 21.4 | 8.3 | 32.5 | 7.0 | 7.0 | 95.4 | 4.5 | | 6.4 | |
| | | | | | | | Surface | 1st | 21.2 | 8.3 | 32.5 | 7.1 | 7.1 | 96.2 | 5.4 | 5.7 | 7.2 | 7.1 |
| | | | | | | | Surface | 2nd | 21.2 | 8.3 | 32.5 | 7.1 | 1 | 96.2 | 5.4 | • | 7.2 | • |
| 2040 42 44 | Mid Flood | 000 | Claudi | Madazata | 10.50 | 0.7 | Middle | 1st | 21.2 | 8.3 | 32.5 | 7.1 | | 96.1 | 6.1 | | 7.0 | |
| 2018-12-14 | Mid-Flood | CS6 | Cloudy | Moderate | 12:53 | 8.7 | Middle | 2nd | 21.2 | 8.3 | 32.5 | 7.1 | | 96.1 | 6.0 | | 6.9 | |
| | | | | | | | Bottom | 1st | 21.2 | 8.3 | 32.5 | 7.2 | 7.2 | 97.3 | 5.7 | | 7.2 | |
| | | | | | | | Bottom | 2nd | 21.2 | 8.3 | 32.5 | 7.1 | | 97.1 | 5.8 | | 7.0 | |
| | | | | | | | Surface | 1st | 20.9 | 8.3 | 32.3 | 7.2 | 7.2 | 97.3 | 5.4 | 5.7 | 6.7 | 7.5 |
| | | | | | | | Surface | 2nd | 20.9 | 8.3 | 32.3 | 7.2 | | 97.3 | 5.4 | | 6.6 | |
| 2018-12-14 | Mid-Flood | CS4 | Cloudy | Moderate | 11:56 | 16.3 | Middle | 1st | 20.9 | 8.3 | 32.3 | 7.2 | 4 | 96.7 | 5.7 | | 7.0 | |
| | | | , | | | | Middle Bottom | 2nd | 20.9 20.8 | 8.3 8.3 | 32.3 32.3 | 7.2 7.2 | 7.2 | 96.7 97.0 | 5.8 6.0 | | 7.1 8.8 | |
| | | | | | | | Bottom | 1st 2nd | 20.8 | 8.3 | 32.3 | 7.2 | 1.2 | 96.9 | 6.0 | | 8.5 | |
| | | | | | | | Surface | 1st | 20.2 | 8.3 | 31.6 | 7.4 | 7.4 | 97.9 | 7.6 | 8.0 | 10.5 | 10.5 |
| | | | | | | | Surface | 2nd | 20.2 | 8.3 | 31.6 | 7.4 | 1 ' | 97.9 | 7.6 | 0.0 | 10.7 | 10.5 |
| | | | | | | | Middle | 1st | - | - | - | - | | - | - | | - | |
| 2018-12-14 | Mid-Flood | SR6 | Cloudy | Moderate | 11:33 | 4.4 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| | | | | | | | Bottom | 1st | 20.2 | 8.3 | 31.6 | 7.4 | 7.4 | 98.6 | 8.4 | | 10.6 | |
| | | | | | | | Bottom | 2nd | 20.2 | 8.3 | 31.6 | 7.4 | | 98.4 | 8.4 | | 10.3 | |
| | | | | | | | Surface | 1st | 20.2 | 8.3 | 32.2 | 7.4 | 7.4 | 98.2 | 6.8 | 7.8 | 8.3 | 8.5 |
| | | | | | | | Surface | 2nd | 20.2 | 8.3 | 32.2 | 7.4 | | 98.2 | 6.9 | | 8.0 | |
| 2018-12-14 | Mid-Flood | CS(Mf)3(N) | Cloudy | Moderate | 11:44 | 7.0 | Middle | 1st | 20.2 | 8.3 | 32.2 | 7.3 | | 98.0 | 8.8 | | 8.7 | |
| | | . , . , | , | | | | Middle | 2nd | 20.2 | 8.3 | 32.2 | 7.3 | 7.4 | 98.0 | 7.7 | | 8.4 8.8 | |
| | | | | | | | Bottom Bottom | 1st 2nd | 20.2 20.2 | 8.3 8.3 | 32.2 32.2 | 7.4 7.4 | 7.4 | 98.0 98.0 | 8.1 8.2 | | 8.8 | |
| | | | | | | | Surface | 1st | 20.4 | 8.3 | 32.0 | 7.4 | 7.2 | 96.5 | 7.4 | 9.3 | 9.4 | 11.1 |
| | | | | | | | Surface | 2nd | 20.4 | 8.3 | 32.0 | 7.2 | 1 ' | 96.5 | 7.4 | 0.0 | 8.7 | 1 '''' |
| | | 005/40 | | l | 40.45 | | Middle | 1st | 20.5 | 8.3 | 32.1 | 7.2 | | 96.2 | 7.9 | | 12.0 | |
| 2018-12-14 | Mid-Flood | SR5(N) | Cloudy | Moderate | 12:15 | 9.1 | Middle | 2nd | 20.5 | 8.3 | 32.1 | 7.2 | | 96.1 | 7.8 | | 12.3 | |
| | | | | | | | Bottom | 1st | 20.5 | 8.3 | 32.1 | 7.2 | 7.2 | 96.9 | 12.6 | | 12.1 | |
| | | | | | | | Bottom | 2nd | 20.5 | 8.3 | 32.1 | 7.2 | | 96.8 | 12.4 | | 12.3 | |
| | | | | | | | Surface | 1st | 20.1 | 8.3 | 32.1 | 7.3 | 7.3 | 96.9 | 8.7 | 9.9 | 12.5 | 12.8 |
| | | | | | | | Surface | 2nd | 20.1 | 8.3 | 32.1 | 7.3 | | 96.9 | 8.8 | | 12.1 | |
| 2018-12-14 | Mid-Flood | IS10(N) | Cloudy | Moderate | 12:20 | 12.3 | Middle | 1st | 20.1 | 8.3 | 32.1 | 7.3 | _ | 96.7 96.6 | 10.1 | | 12.6 | 1 |
| | | | | | | | Middle Bottom | 2nd 1st | 20.1 | 8.3 8.3 | 32.1 32.1 | 7.3 7.3 | 7.3 | 96.6 | 10.2 10.9 | | 12.3 13.7 | |
| | | | | | | | Bottom | 2nd | 20.0 | 8.3 | 32.1 | 7.3 | 7.3 | 97.3 | 10.8 | | 13.7 | |
| | | | | | | | Surface | 1st | 20.1 | 8.3 | 32.1 | 7.3 | 7.3 | 96.8 | 7.9 | 7.9 | 9.6 | 11.1 |
| | | | | | | | | | | 8.3 | 32.1 | 7.3 | 1 | 96.8 | 8.0 | 1 | 9.7 | 1 '''' |
| | | | | | | | Surface | 2nd | 20.1 | 8.3 | | | | | | | 9.7 | |
| 2019 42 44 | Mid Floor | 10/11/16/44 | Clavid | Moderate | 12:05 | 44.0 | Surface Middle | 2nd 1st | 20.1 20.1 | 8.3 | 32.1 | 7.3 | 1 | 96.8 | 7.6 | 1 | 11.5 | |
| 2018-12-14 | Mid-Flood | IS(Mf)11 | Cloudy | Moderate | 12:25 | 11.0 | | 1st 2nd | 20.1 20.1 | 8.3 8.3 | 32.1 32.1 | 7.3 7.3 | | 96.8 | 7.6 7.6 | | 11.5 11.2 | |
| 2018-12-14 | Mid-Flood | IS(Mf)11 | Cloudy | Moderate | 12:25 | 11.0 | Middle | 1st 2nd 1st | 20.1 20.1 20.0 | 8.3 8.3 8.3 | 32.1 32.1 32.1 | 7.3 7.3 7.3 | 7.3 | 96.8 96.9 | 7.6 7.6 8.0 | | 11.5 11.2 12.3 | |
| 2018-12-14 | Mid-Flood | IS(Mf)11 | Cloudy | Moderate | 12:25 | 11.0 | Middle Middle Bottom Bottom | 1st 2nd 1st 2nd | 20.1 20.1 20.0 20.0 | 8.3 8.3 8.3 8.3 | 32.1 32.1 32.1 32.1 | 7.3 7.3 7.3 7.3 | | 96.8 96.9 96.8 | 7.6 7.6 8.0 8.0 | | 11.5 11.2 12.3 12.1 | |
| 2018-12-14 | Mid-Flood | IS(Mf)11 | Cloudy | Moderate | 12:25 | 11.0 | Middle Middle Bottom Bottom Surface | 1st 2nd 1st 2nd 1st | 20.1 20.1 20.0 20.0 20.0 20.9 | 8.3 8.3 8.3 8.3 8.1 | 32.1 32.1 32.1 32.1 33.5 | 7.3 7.3 7.3 7.3 7.1 | 7.3 | 96.8 96.9 96.8 96.2 | 7.6 7.6 8.0 8.0 6.8 | 8.1 | 11.5 11.2 12.3 12.1 7.3 | 7.7 |
| 2018-12-14 | Mid-Flood | IS(Mf)11 | Cloudy | Moderate | 12:25 | 11.0 | Middle Middle Bottom Bottom Surface Surface | 1st 2nd 1st 2nd 1st 2nd | 20.1 20.1 20.0 20.0 20.0 20.9 20.9 | 8.3 8.3 8.3 8.3 8.1 8.1 | 32.1 32.1 32.1 32.1 33.5 33.5 | 7.3 7.3 7.3 7.3 7.1 7.1 | | 96.8 96.9 96.8 96.2 96.2 | 7.6 7.6 8.0 8.0 6.8 6.8 | 8.1 | 11.5 11.2 12.3 12.1 7.3 7.5 | 7.7 |
| | | | Cloudy | | | 11.0 | Middle Middle Bottom Bottom Surface Surface Middle | 1st 2nd 1st 2nd 1st 2nd 1st 2nd 1st | 20.1 20.1 20.0 20.0 20.9 20.9 20.9 20.9 | 8.3 8.3 8.3 8.1 8.1 8.1 | 32.1 32.1 32.1 32.1 33.5 33.5 33.5 | 7.3 7.3 7.3 7.3 7.1 7.1 | | 96.8 96.9 96.8 96.2 96.2 97.0 | 7.6 7.6 8.0 8.0 6.8 6.8 8.7 | 8.1 | 11.5 11.2 12.3 12.1 7.3 7.5 7.7 | 7.7 |
| 2018-12-14 | Mid-Flood | IS(Mf)11 CS(Mf)5 | | Moderate Moderate | 12:25 12:47 | | Middle Middle Bottom Bottom Surface Surface | 1st 2nd 1st 2nd 1st 2nd | 20.1 20.1 20.0 20.0 20.0 20.9 20.9 | 8.3 8.3 8.3 8.3 8.1 8.1 | 32.1 32.1 32.1 32.1 33.5 33.5 | 7.3 7.3 7.3 7.3 7.1 7.1 | | 96.8 96.9 96.8 96.2 96.2 | 7.6 7.6 8.0 8.0 6.8 6.8 | 8.1 | 11.5 11.2 12.3 12.1 7.3 7.5 | 7.7 |

| Symphome Section Time Importance Section Time Importance Section Time Importance Section Sec | ontract No. HY/201 | 13/04 HZIVID I | indoi iiiido | iluciule Woll | to clage ii (co | diriciti i ortion | , | | • | ater Quality Monito | Ting Data | | | | | | | | Page 23 of |
|--|--------------------|----------------|--------------|---------------|-----------------|-------------------|------|---------|---|---------------------|-----------|----------------|-----------|----------|-----------|-----------------|---------|------|--------------------------------|
| Section Color Co | | Tide | Station | Weather | | | | | Replicate | | рН | Salinity (ppt) | DO (mg/L) | | | Turbidity (NTU) | | ss | SS (mg/L) (depth- averaged) |
| Model Mode | | | | | | | | Surface | 1st | 20.4 | 8.3 | 32.2 | 7.3 | 7.3 | 97.2 | | 6.2 | | 7.7 |
| Model | 2019 12 14 | | | | | 1 | | Surface | 2nd | 20.4 | 8.3 | 32.2 | 7.3 | | 97.1 | 5.8 | | 7.4 | |
| Moderne | | Mid Flood | CD7 | Cloudy | Moderate | 12:24 | 4.4 | Middle | 1st | - | - | - | - | | - | - | | - | |
| Section Part Section Part Section Part Section Part Section Part Section Part Section Part Section Part Section Part Section Part Section Part Section Part Section Part Section Part Section Part Part Section Part P | 2010-12-14 | IVIIU-FIOOU | SK1 | Cloudy | Moderate | 12.34 | 4.1 | Middle | 2nd | | | | | | | | | | |
| Surface 12 | | | | | | | | Bottom | 1st | 20.3 | 8.3 | 32.2 | 7.4 | 7.4 | 98.9 | 6.4 | | 7.8 | |
| Surface Property | | | | | | | | Bottom | 2nd | 20.3 | 8.3 | 32.2 | 7.4 | | 98.7 | 6.5 | | 8.0 | |
| Moderate 12.28 Moderate | | | | | | | | Surface | | | | | | 7.3 | 97.5 | | 6.0 | | 7.5 |
| Mid-Floor Mid- | | | | | | | | | 2nd | | | | | | | | | | |
| Mid-Floor SpMijle Fine Moderate 12.02 S.2 | 2018-12-14 | Mid Flood | 1017 | Fino | Modorato | 12:20 | 10.1 | Middle | 1st | | | | | | | | | | |
| Bottom Part | | Wild-I 1000 | 1317 | 1 1116 | Woderate | 12.20 | 10.1 | Middle | | | | | | | | | | | |
| Surface Test | | | | | | | | | | | | | | 7.6 | | | | | |
| Surface 2nd 14 | | | | | | | | Bottom | 2nd | | 8.1 | | | | | | | 10.2 | |
| 2018-12-14 Mid-Flood IS/Mf)16 Fine Moderate 12:22 5.2 Middle 2:27 2.2 2.2 Middle 2:27 2.2 2.2 | | Mid Flood | IS/Mf\16 | Fine | Moderate | 12:22 | 5.2 | | | | | | | 7.3 | | | 15.2 | | 7.4 |
| Mid-Flood SNA(N) Fine Moderate 12.05 Middle 2.0d | | | | | | | | Surface | | 19.9 | 8.1 | 33.0 | 7.3 | | 97.6 | | | 6.0 | |
| Mode | 2018-12-14 | | | | | | | Middle | 1st | - | - | - | - | | - | | | - | |
| Bottom Fine Bottom Start Surface S | | Wild-I 1000 | 13(1011)10 | 1 1116 | Woderate | 12.22 | 5.2 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| Surface Table Ta | | | | | | | | Bottom | 1st | 19.9 | 8.1 | 33.1 | 7.4 | 7.4 | | 16.1 | | 8.6 | |
| Model See Fine Moderate 12:05 Model 12:05 Model 13:05 13:0 | | | | | | | | Bottom | 2nd | 19.9 | 8.1 | 33.1 | 7.4 | | 98.2 | 16.1 | | 8.8 | |
| Mode | 2018-12-14 | | | | | | | Surface | 1st | 20.2 | 8.1 | 32.8 | 7.2 | 7.2 | 96.4 | 8.2 | 8.2 | 16.4 | 17.7 |
| Mode | | | | | | | | Surface | 2nd | 20.2 | 8.1 | 32.8 | 7.2 | | 96.4 | 8.2 | | 16.8 | |
| Midelange | | Mid Flood | 100 | Fino | Moderate | 12:05 | 46 | Middle | 1st | - | - | - | - | | - | - | | - | |
| Second S | | Wild-Fi00d | 130 | FILLE | Moderate | 12.05 | 4.0 | Middle | 2nd | - | - | - | - | | - | - | | - | |
| Surface 1st 20.0 8.1 32.6 7.1 7.1 95.3 7.9 8.4 8.4 | | | | | | | | Bottom | 1st | 20.2 | 8.1 | 32.9 | 7.3 | 7.3 | 98.4 | 8.2 | | 18.6 | |
| Mid-Flood SR4(N) Fine Moderate 12.09 8.8 Sufface 2nd 2 | | | | | | | | Bottom | 2nd | 20.2 | 8.1 | 32.9 | 7.3 | | 98.4 | 8.2 | | 18.9 | |
| 2018-12-14 Mid-Flood Mid | 2040 42 44 | Mid Flood | 00.4(4)) | E | Madarata | 42.00 | 2.0 | Surface | 1st | 20.0 | 8.1 | 32.6 | 7.1 | 7.1 | 95.3 | 7.9 | 8.4 | 8.4 | 9.8 |
| Mid-Flood Mid- | | | | | | | | Surface | 2nd | 20.0 | 8.1 | 32.6 | 7.1 | | 95.3 | 7.9 | | 8.0 | |
| Mid-Flood Mid- | | | | | | | | Middle | 1st | - | - | - | - | 1 | - | - | 1 | - | |
| Sufface Suff | 2018-12-14 | Mid-Flood | SR4(N) | Fine | Moderate | 12:09 | 3.8 | Middle | | - | - | - | - | 1 | - | - | Ī | - | |
| Surface | | | | | | | | Bottom | 1st | 20.3 | 8.1 | 33.0 | 7.4 | 7.4 | 99.3 | 8.8 | Ī | 11.2 | |
| Sufface Suff | | | | | | | | Bottom | | 20.3 | | | 7.4 | 1 | | 8.8 | | | |
| Sufface Suff | | | | | | | | Surface | 1st | 19.6 | 8.1 | 32.4 | 7.3 | 7.3 | 96.5 | 13.8 15 | 15.4 | | 10.6 |
| 2018-12-14 Mid-Flood IS/M) 9 | 2018-12-14 | Mid Florid | 10/14/00 | Fire | | 44.50 | 4.2 | Surface | | 19.6 | | | 7.3 | | | 13.8 | | 9.6 | |
| Mid-Flood S(M) Fine Moderate 11:38 4.2 Mid-Flood S(M) Fine Moderate 11:38 4.2 Mid-Flood S(M) | | | | | | | | Middle | 1st | - | - | - | - | 1 | | - | 1 | - | |
| Bottom Surface 11:51 2.8 Surface 12:51 2.8 Surface 13:51 3.5 Surface 13:51 3 | | Mid-Flood | 15(1011)9 | Fine | Moderate | 11:58 | 4.2 | Middle | 2nd | - | - | - | - | 1 | - | - | 1 | - | |
| Bottom 2nd 19.6 8.1 32.4 7.7 101.7 16.9 11.8 | | | | | | | | Bottom | 1st | 19.6 | 8.1 | 32.4 | 7.8 | 7.8 | 101.7 | 16.9 | 1 | 11.7 | |
| 2018-12-14 Mid-Flood IS7 Fine Moderate 11:51 2.8 Surface 1st | | | | | | | | Bottom | 2nd | 19.6 | 8.1 | 32.4 | 7.7 | 1 | 101.7 | 16.9 | 1 | 11.8 | |
| 2018-12-14 Mid-Flood IS7 Fine Moderate 11:51 2.8 Surface 2.7d - | | | | | | | | Surface | 1st | - | - | - | - | 7.8 | - | | 10.3 | - | 10.2 |
| 2018-12-14 Mid-Flood IS7 Fine Moderate Moderate 11:31 2.8 Middle 2nd 19:3 8:0 32:3 7:8 101:9 10:3 10:0 | 2018-12-14 | | | | | | | Surface | 2nd | - | - | - | - | 1 | - | - | 1 | - | |
| Mid-Flood IS | | Marie Electric | 107 | F1 | Mandanata | 44.54 | 0.0 | Middle | 1st | 19.3 | 8.0 | 32.3 | 7.8 | 1 | 101.9 | 10.3 | Ī | 10.4 | |
| Sufface Suff | | Mia-Flood | 157 | Fine | Moderate | 11:51 | 2.8 | Middle | | 19.3 | 8.0 | 32.3 | 7.8 | 1 | 101.9 | 10.3 | Ī | 10.0 | |
| 2018-12-14 Mid-Flood IS(Mf)6 Fine Moderate 11:44 End End Moderate 11:45 End Moderate 11:45 End Moderate 11:46 End | | | | | | | | Bottom | 1st | - | - | - | - | - | - | - | | - | |
| Note Fine Moderate 11:44 2.6 Surface 2.nd | | | | | | | | Bottom | 2nd | - | - | - | - | | - | - | | - | |
| Note Fine Moderate 11:44 Part Pa | | | | | | | | Surface | 1st | - | - | - | - | 7.7 | - | - | 9.5 | - | 10.9 |
| 2018-12-14 Mid-Flood IS(Mr)6 Fine Moderate 11:44 2:6 Middle 2nd 19.4 8.1 32.3 7.7 101.4 9.5 10.8 10.8 | | | IS(Mf)6 | | | 11:44 | 2.6 | Surface | 2nd | - | - | - | - |] | - | - | | - | |
| Mid-Flood Mid-Flood Mid-Flood Mid-Flood Mid-Flood SR3(N) Fine Moderate Mid-Flood SR3(N) Fine Moderate Moderate Mid-Flood SR3(N) Fine Moderate Moderate Mid-Flood SR3(N) Fine Moderate Mid-Flood SR3(N) Fine Moderate Moderate Mid-Flood SR3(N) Fine Moderate Mid-Flood Moderate Moderate Mid-Flood Mid-Flood SR3(N) Fine Moderate Moderate Mid-Flood Mid-Flood SR3(N) Fine Moderate Moderate Mid-Flood Mid-Flood SR3(N) Fine Moderate Moderate Mid-Flood Mid-Flood Mid-Flood SR3(N) Fine Moderate Moderate Moderate Mid-Flood Mid-Floo | 2018-12-14 | Mid Floor | | Fine | Madarata | | | Middle | 1st | 19.4 | 8.1 | 32.3 | 7.7 | 1 | 101.4 | 9.5 | | 11.0 | |
| Second Mid-Flood Second | | IVIIG-FIOOG | | | iviouerate | | | Middle | 2nd | 19.4 | 8.1 | 32.3 | 7.7 | <u> </u> | 101.4 9.5 | | 10.8 | | |
| 2018-12-14 Mid-Flood High Fine Hoderate High High Fine Hoderate High High Fine Hoderate High High High Fine Hoderate High High Fine Hoderate High High High Fine Hoderate High High High High Fine Hoderate High High High High High High High High | | | | | | I | | Bottom | 1st | - | - | - | - | - | - | - | 1 | - | |
| 2018-12-14 Mid-Flood IS5 Fine Moderate I1:38 Ps. Fine | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | Bottom | 2nd | - | _ | - | - | <u> </u> | - | - | <u></u> | - | |
| 2018-12-14 Mid-Flood IS5 Fine Moderate I1:38 P.5 Fine | | | | | | 11:38 | | Surface | 1st | 19.2 | 8.1 | 32.2 | 7.7 | 7.7 | 99.0 | 8.7 | 11.0 | 9.1 | 9.4 |
| 2018-12-14 Mid-Flood IS5 Fine Moderate I1:38 9.5 Middle 1st 19.1 8.1 32.2 7.8 99.1 12.0 99.0 99.1 12.0 99. | | | , I | | | | | Surface | 2nd | 19.2 | 8.1 | 32.2 | 7.7 | 1 | 98.0 | 8.7 | 1 | 8.8 | |
| 2018-12-14 Mid-Flood SR3(N) Fine Moderate 11:38 9.5 Middle 2nd 19.1 8.1 32.2 7.6 99.1 12.0 9.1 10.0 10.0 10.0 10.0 10.0 10.0 10. | 2010 42 44 | Mid Flas | ICE | E: | Moderate | | 0.5 | Middle | 1st | 19.1 | 8.1 | | 7.8 | 1 | 99.1 | 12.0 |] [| 9.0 | |
| Bottom 1st 19.1 8.1 32.2 7.7 7.7 100.4 12.3 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10 | ∠018-12-14 | iviia-Fi00d | 190 | Fine | woderate | 11:38 | 9.5 | Middle | 2nd | | 8.1 | | | 1 | | 12.0 | 1 | 9.1 | |
| Bottom 2nd 19.1 8.1 32.2 7.7 100.4 12.3 10.2 11.2 11.2 11.2 11.2 11.3 11.9 11.2 11.0 | | | | | | 1 | | Bottom | | | | | 7.7 | 7.7 | | | 1 | 10.0 | |
| 2018-12-14 Mid-Flood SR3(N) Fine Moderate 11:33 | | | | | | 1 | | Bottom | | 19.1 | | | 7.7 | 1 | 100.4 | | 1 | 10.2 | |
| 2018-12-14 Mid-Flood SR3(N) Fine Moderate 11:33 | | Mid-Flood | | Fine | Moderate | 11:33 | 3.6 | | | | | | | 7.4 | | | 11.9 | | 11.7 |
| 2018-12-14 Mid-Flood SR3(N) Fine Moderate 11:33 3.6 Middle 1st | | | | | | | | | | | | | | 1 | | | 1 | | |
| 2016-12-14 Mid-Flood SR3(N) File Modelate 11:33 3.6 Middle 2nd - - - - - - - - - | 2010 42 44 | | SR3(N) | | | | | | | | | | | 1 | | | | | |
| Bottom 1st 19.1 8.1 32.2 7.4 7.4 96.3 12.0 12.1 | ∠018-12-14 | | | | | | | | | | | | - | 1 | | ŀ | - | | |
| | | | | | | 1 | | | | 19.1 | 8.1 | 32.2 | 7.4 | 7.4 | 96.3 | 12.0 | 1 | 12.1 | |
| Bottom 2nd 19.1 8.1 32.2 7.4 96.3 12.0 12.3 | | | | | | I | | | | | | | | 1 | | | 1 | | |

Remark: The water quality monitoring programme by ET was resumed on 3 December 2018 to align with the Contractor's tentative schedule of marine works, and again temporarily suspended after completion of water quality monitoring on 14 December 2018 after the Contractor confirmed that no marine works were scheduled for the remainder of the reporting month.

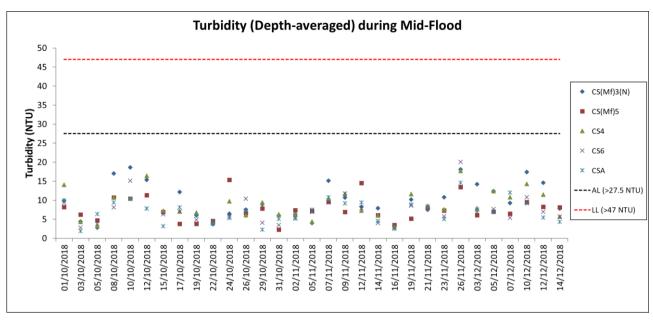


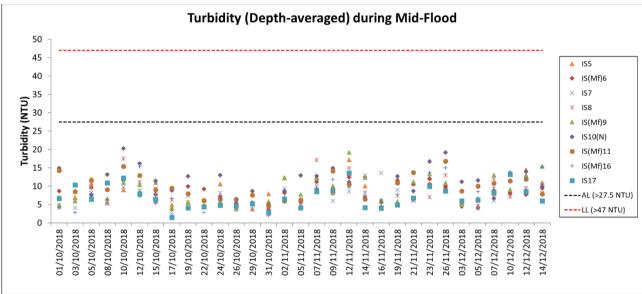


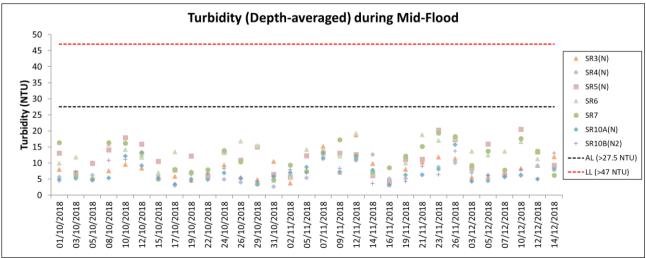


^{1.} The water quality monitoring before 1 October 2018 was conducted by Contract No. HY/2013/01 "Hong Kong-Zhuhai-Macao Bridge HKBCF – Passenger Clearance Building". Please refer the monitoring results in September 2018 in the published Monthly EM&A Report for Contract No. HY/2013/01.

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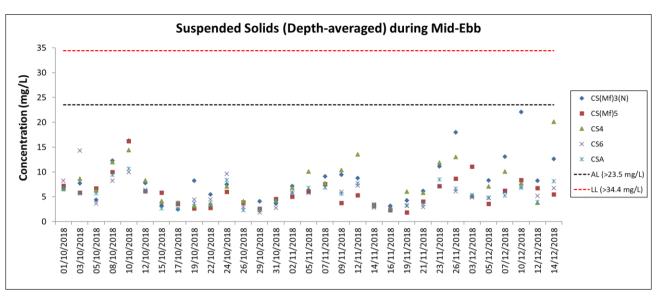


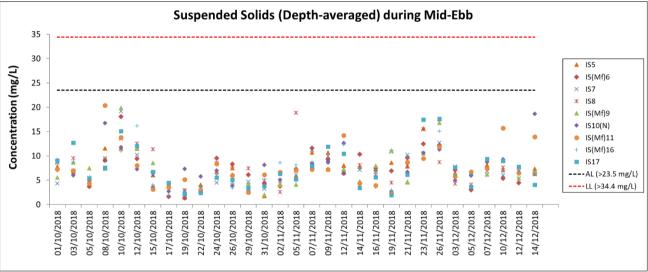


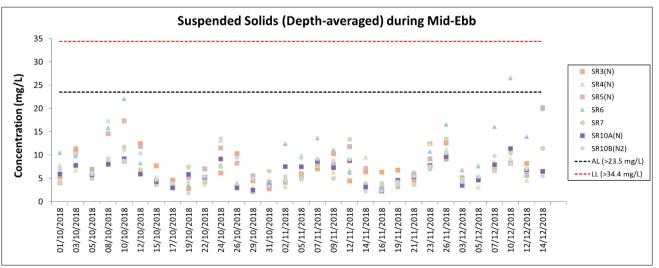


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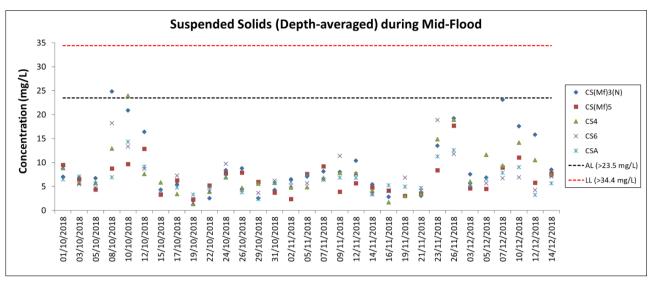


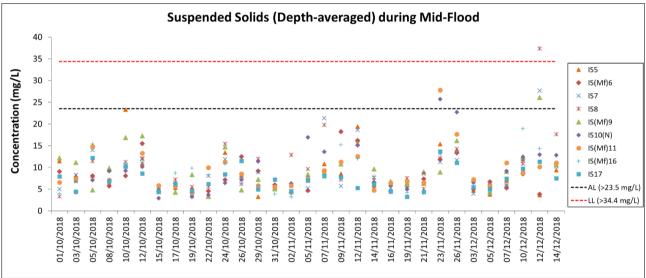


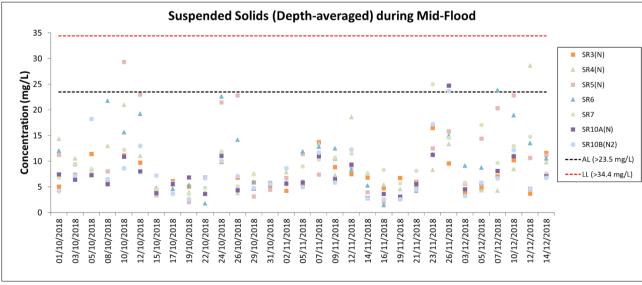


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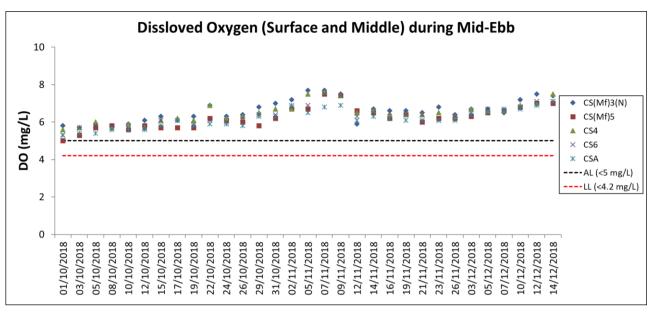


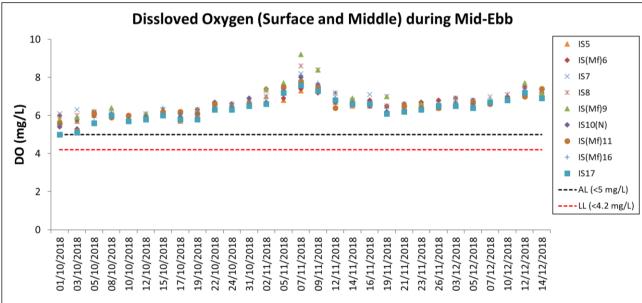


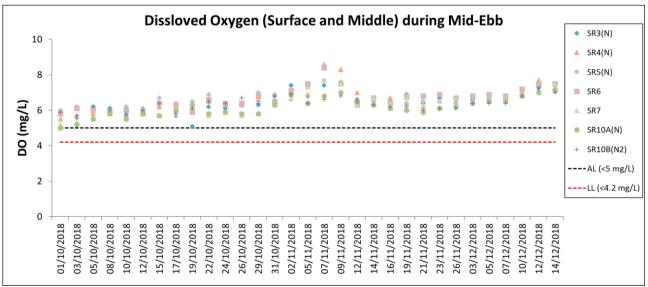


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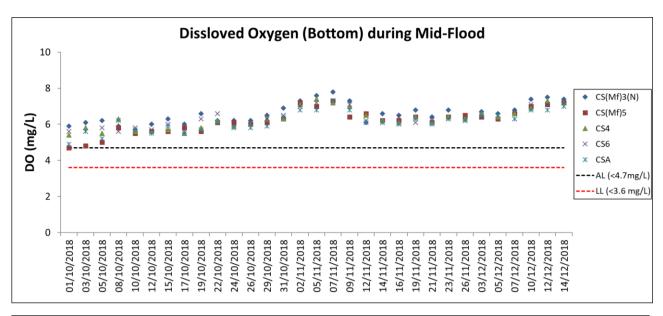


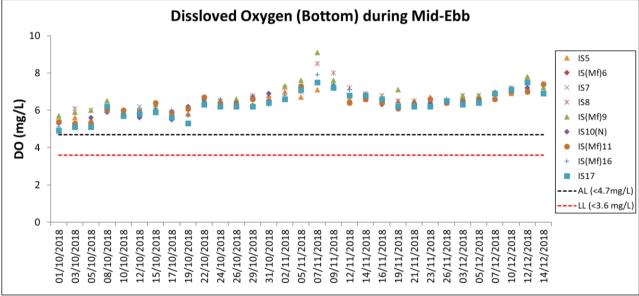


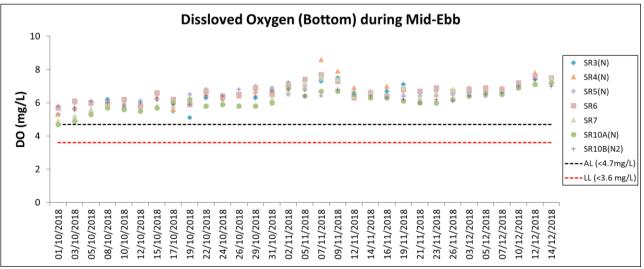


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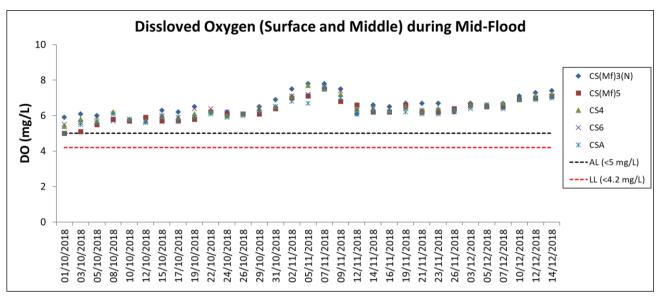


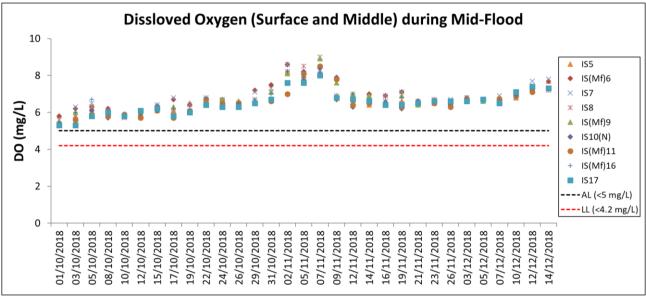


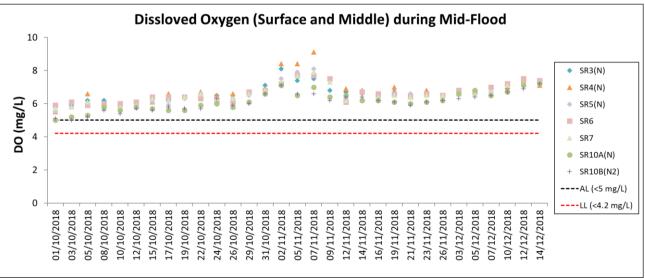


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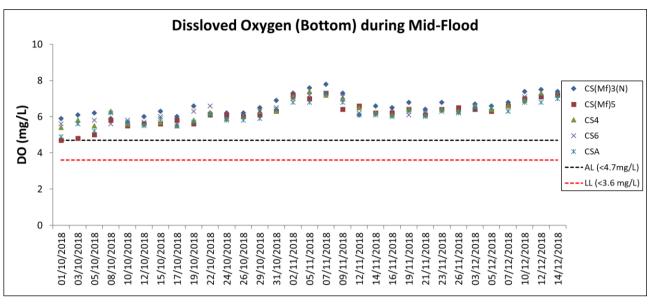


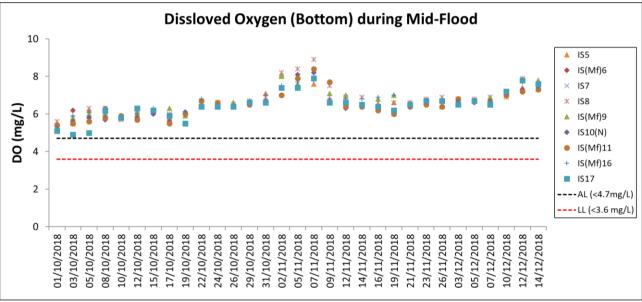


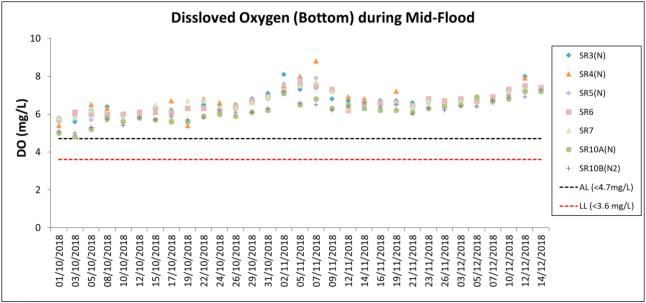


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