

## Appendix J - Detail of Water Quality Exceedance

3 November 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS3                 | Mid-Ebb   | Turbidity       | 4.51          | 4.09                             | 7.00                             | 4.43                             | 8.40                             | It is considered that the source for the relatively high turbidity and suspended solid levels were not originated from the construction site based on no dredging work was undertaken by the Contractor on 3 November 2018 and mitigation measure for marine works was proper complied by the Contractor. It might be caused by the daily variation of the surrounding water quality. |
| IS2                 | Mid-Flood | Turbidity       | 2.56          | 2.41                             | 7.00                             | 2.61                             | 8.40                             |   |
| IS1                 | Mid-Flood | Suspended solid | 6.16          | 5.96                             | 13.80                            | 6.46                             | 18.70                            |   |

Remark:

Text highlighted in red = Action Level Exceedance

Text highlighted in blue = Limit Level Exceedance

6 November 2018

| Monitoring Location | Tide mode | Parameter | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark   |
|---------------------|-----------|-----------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|
|                     |           |           |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |  |
| IS1                 | Mid-Flood | Turbidity | 2.94          | 2.83                             | 7.00                             | 3.07                             | 8.40                             | It is considered that the source for the relatively high turbidity levels were not originated from the construction site based on no dredging work was undertaken by the Contractor on 6 November 2018 and mitigation measure for marine works was proper complied by the Contractor. It might be caused by the daily variation of the surrounding water quality |
| IS3                 | Mid-Flood | Turbidity | 3.44          | 2.83                             | 7.00                             | 3.07                             | 8.40                             |  |

Remark:

Text highlighted in red = Action Level Exceedance

Text highlighted in blue = Limit Level Exceedance

## Appendix J - Detail of Water Quality Exceedance

8 November 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS1                 | Mid-Flood | Turbidity       | 3.83          | 3.50                             | 7.00                             | 3.80                             | 8.40                             | It is considered that the source for the relatively high turbidity and suspended solids levels were not originated from the construction site based on no construction work were undertaken by the Contractor on 8 November 2018. It might be caused by the daily variation of the surrounding water quality. |
| IS2                 | Mid-Ebb   | Suspended solid | 11.38         | 8.40                             | 13.80                            | 9.10                             | 18.70                            |   |
| IS3                 | Mid-Ebb   | Suspended solid | 10.11         | 8.40                             | 13.80                            | 9.10                             | 18.70                            |   |
| IS1                 | Mid-Flood | Suspended solid | 10.80         | 8.11                             | 13.80                            | 8.79                             | 18.70                            |   |
| IS2                 | Mid-Flood | Suspended solid | 8.40          | 8.11                             | 13.80                            | 8.79                             | 18.70                            |   |
| IS3                 | Mid-Flood | Suspended solid | 10.02         | 8.11                             | 13.80                            | 8.79                             | 18.70                            |   |

Remark:

Text highlighted in red = Action Level Exceedance

Text highlighted in blue = Limit Level Exceedance

## 10 November 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark   |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |  |
| IS2                 | Mid-Ebb   | Suspended solid | 5.37          | 4.42                             | 13.80                            | 4.78                             | 18.70                            | It is considered that the source for the relatively high SS and Copper levels were not originated from the construction site based on no dredging work was undertaken by the Contractor on 10 November 2018 and mitigation measure for marine works was proper complied by the Contractor. It might be caused by the daily variation of the surrounding water quality. |
| IS3                 | Mid-Ebb   | Suspended solid | 6.17          | 4.42                             | 13.80                            | 4.78                             | 18.70                            |  |
| IS2                 | Mid-Flood | Copper          | 1.33          | 1.20                             | 2.00                             | 1.30                             | 3.00                             |  |

Remark:

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Text highlighted in blue = Limit Level Exceedance

## Appendix J - Detail of Water Quality Exceedance

15 November 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS1                 | Mid-Ebb   | Suspended solid | 5.40          | 3.65                             | 13.80                            | 3.95                             | 18.70                            | It is considered that the source for the relatively high suspended solids levels were not originated from the construction site based on low polluted construction works were undertaken by the Contractor on 15 November 2018. It might be caused by the daily variation of the surrounding water quality. |
| IS2                 | Mid-Ebb   | Suspended solid | 5.53          | 3.65                             | 13.80                            | 3.95                             | 18.70                            |   |
| IS3                 | Mid-Ebb   | Suspended solid | 5.60          | 3.65                             | 13.80                            | 3.95                             | 18.70                            |   |
| IS3                 | Mid-Flood | Suspended solid | 4.76          | 4.66                             | 13.80                            | 5.04                             | 18.70                            |   |

Remark:

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Text highlighted in blue = Limit Level Exceedance

17 November 2018

| Monitoring Location | Tide mode | Parameter | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |           |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS3                 | Mid-Ebb   | Copper    | 1.44          | 1.20                             | 2.00                             | 1.30                             | 3.00                             | It is considered that the source for the relatively high Copper level was not originated from the construction site based on no dredging work was undertaken by the Contractor on 17 November 2018 and mitigation measure for marine works was proper complied by the Contractor. It might be caused by the daily variation of the surrounding water quality. |

Remark:

Text highlighted in red = Action Level Exceedance

Text highlighted in blue = Limit Level Exceedance

## Appendix J - Detail of Water Quality Exceedance

20 November 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS1                 | Mid-Flood | Suspended solid | 4.94          | 4.90                             | 13.80                            | 5.30                             | 18.70                            | It is considered that the source for the relatively high SS and Copper levels were not originated from the construction site based on no dredging work was undertaken by the Contractor on 20 November 2018 and mitigation measure for marine works was proper complied by the Contractor. It might be caused by the daily and unexpected variation of the surrounding water quality. |
| IS2                 | Mid-Flood | Suspended solid | 7.24          | 4.90                             | 13.80                            | 5.30                             | 18.70                            |   |
| IS3                 | Mid-Flood | Suspended solid | 6.73          | 4.90                             | 13.80                            | 5.30                             | 18.70                            |   |
| IS3                 | Mid-Ebb   | Copper          | 4.00          | 1.20                             | 2.00                             | 1.30                             | 3.00                             |   |

Remark:

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Text highlighted in blue = Limit Level Exceedance

22 November 2018

| Monitoring Location | Tide mode | Parameter | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |           |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS3                 | Mid-Flood | Turbidity | 2.70          | 2.57                             | 7.00                             | 2.78                             | 8.40                             | It is considered that the source for the relatively high turbidity levels were not originated from the construction site based on no marine work were undertaken by the Contractor on 22 November 2018. It might be caused by the daily variation of the surrounding water quality. |

Remark:

Text highlighted in red = Action Level Exceedance

Text highlighted in blue = Limit Level Exceedance

## Appendix J - Detail of Water Quality Exceedance

24 November 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark   |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |  |
| IS2                 | Mid-Flood | Turbidity       | 3.42          | 2.47                             | 7.00                             | 2.68                             | 8.40                             | It is considered that the source for the relatively high turbidity and suspended solids levels were not originated from the construction site based on no construction work were undertaken by the Contractor on 24 November 2018. It might be caused by the daily variation of the surrounding water quality. |
| IS3                 | Mid-Flood | Turbidity       | 3.31          | 2.47                             | 7.00                             | 2.68                             | 8.40                             |  |
| IS1                 | Mid-Ebb   | Suspended solid | 6.01          | 5.98                             | 13.80                            | 6.47                             | 18.70                            |  |
| IS3                 | Mid-Ebb   | Suspended solid | 6.07          | 5.98                             | 13.80                            | 6.47                             | 18.70                            |  |
| IS2                 | Mid-Flood | Suspended solid | 6.89          | 5.24                             | 13.80                            | 5.68                             | 18.70                            |  |
| IS3                 | Mid-Flood | Suspended solid | 6.10          | 5.24                             | 13.80                            | 5.68                             | 18.70                            |  |

Remark:

Text highlighted in red = Action Level Exceedance

Text highlighted in blue = Limit Level Exceedance

27 November 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS1                 | Mid-Ebb   | Suspended solid | 12.09         | 12.01                            | 13.80                            | 13.01                            | 18.70                            | It is considered that the source for the relatively suspended solids levels were not originated from the construction site based on no construction work were undertaken by the Contractor on 27 November 2018. It might be caused by the daily variation of the surrounding water quality. |

Remark:

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Text highlighted in blue = Limit Level Exceedance

## Appendix J - Detail of Water Quality Exceedance

29 November 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS1                 | Mid-Flood | Suspended solid | 8.27          | 7.51                             | 13.80                            | 8.14                             | 18.70                            | It is considered that the source for the relatively suspended solids and copper levels were not originated from the construction site based on no construction work were undertaken by the Contractor on 29 November 2018. It might be caused by the daily variation and poor condition of the surrounding water quality. |
| IS2                 | Mid-Flood | Suspended solid | 8.27          | 7.51                             | 13.80                            | 8.14                             | 18.70                            |   |
| IS3                 | Mid-Flood | Suspended solid | 8.90          | 7.51                             | 13.80                            | 8.14                             | 18.70                            |   |
| IS1                 | Mid-Ebb   | Copper          | 8.11          | 10.40                            | 2.00                             | 11.27                            | 3.00                             |   |
| IS2                 | Mid-Ebb   | Copper          | 8.56          | 10.40                            | 2.00                             | 11.27                            | 3.00                             |   |
| IS3                 | Mid-Ebb   | Copper          | 7.89          | 10.40                            | 2.00                             | 11.27                            | 3.00                             |   |
| IS1                 | Mid-Flood | Copper          | 8.33          | 9.86                             | 2.00                             | 10.69                            | 3.00                             |   |
| IS2                 | Mid-Flood | Copper          | 8.44          | 9.86                             | 2.00                             | 10.69                            | 3.00                             |   |
| IS3                 | Mid-Flood | Copper          | 8.00          | 9.86                             | 2.00                             | 10.69                            | 3.00                             |   |

Remark:

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Text highlighted in blue = Limit Level Exceedance

## Appendix J - Detail of Water Quality Exceedance

1 December 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS2                 | Mid-Flood | Turbidity       | 3.90          | 3.84                             | 7.00                             | 4.16                             | 8.40                             | The investigation is undergoing and the result will be reported in next report. |
| IS1                 | Mid-Ebb   | Suspended solid | 5.47          | 5.20                             | 13.80                            | 5.63                             | 18.70                            |   |
| IS2                 | Mid-Ebb   | Suspended solid | 5.30          | 5.20                             | 13.80                            | 5.63                             | 18.70                            |   |
| IS3                 | Mid-Ebb   | Suspended solid | 5.42          | 5.20                             | 13.80                            | 5.63                             | 18.70                            |   |
| IS1                 | Mid-Flood | Copper          | 2.22          | 1.60                             | 2.00                             | 1.73                             | 3.00                             |   |

Remark:

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Text highlighted in blue = Limit Level Exceedance

## Appendix J - Detail of Water Quality Exceedance

4 December 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark   |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |  |
| IS2                 | Mid-Ebb   | Turbidity       | 3.30          | 2.81                             | 7.00                             | 3.04                             | 8.40                             | The investigation is undergoing and the result will be reported in next report.. |
| IS1                 | Mid-Ebb   | Suspended solid | 6.28          | 5.24                             | 13.80                            | 5.68                             | 18.70                            |  |
| IS2                 | Mid-Ebb   | Suspended solid | 5.51          | 5.24                             | 13.80                            | 5.68                             | 18.70                            |  |
| IS3                 | Mid-Ebb   | Suspended solid | 5.29          | 5.24                             | 13.80                            | 5.68                             | 18.70                            |  |
| IS1                 | Mid-Flood | Suspended solid | 5.67          | 4.57                             | 13.80                            | 4.95                             | 18.70                            |  |
| IS2                 | Mid-Flood | Suspended solid | 5.12          | 4.57                             | 13.80                            | 4.95                             | 18.70                            |  |
| IS3                 | Mid-Flood | Suspended solid | 6.14          | 4.57                             | 13.80                            | 4.95                             | 18.70                            |  |

Remark:

Text highlighted in red = Action Level Exceedance

Text highlighted in blue = Limit Level Exceedance

**Appendix J - Detail of Water Quality Exceedance**  
**6 December 2018**

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS2                 | Mid-Ebb   | Suspended solid | 3.93          | 3.82                             | 13.80                            | 4.25                             | 18.70                            | The investigation is undergoing and the result will be reported in next report. |
| IS1                 | Mid-Ebb   | Copper          | 8.00          | 9.60                             | 2.00                             | 10.40                            | 3.00                             |   |
| IS2                 | Mid-Ebb   | Copper          | 8.00          | 9.60                             | 2.00                             | 10.40                            | 3.00                             |   |
| IS3                 | Mid-Ebb   | Copper          | 8.00          | 9.60                             | 2.00                             | 10.40                            | 3.00                             |   |
| IS1                 | Mid-Flood | Copper          | 8.00          | 9.60                             | 2.00                             | 10.40                            | 3.00                             |   |
| IS2                 | Mid-Flood | Copper          | 8.00          | 9.60                             | 2.00                             | 10.40                            | 3.00                             |   |
| IS3                 | Mid-Flood | Copper          | 8.00          | 9.60                             | 2.00                             | 10.40                            | 3.00                             |   |

Remark:

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Text highlighted in blue = Limit Level Exceedance

## Appendix J - Detail of Water Quality Exceedance

8 December 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS2                 | Mid-Ebb   | Turbidity       | 3.70          | 3.29                             | 7.00                             | 3.56                             | 8.40                             | The investigation is undergoing and the result will be reported in next report. |
| IS1                 | Mid-Flood | Suspended solid | 14.90         | 13.79                            | 13.80                            | 14.94                            | 18.70                            |   |

Remark:

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Text highlighted in blue = Limit Level Exceedance

11 December 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS3                 | Mid-Ebb   | Suspended solid | 4.86          | 4.70                             | 13.80                            | 5.10                             | 18.70                            | The investigation is undergoing and the result will be reported in next report. |

Remark:

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Text highlighted in blue = Limit Level Exceedance

## Appendix J - Detail of Water Quality Exceedance

13 December 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS1                 | Mid-Ebb   | Suspended solid | 4.64          | 4.45                             | 13.80                            | 4.82                             | 18.70                            | The investigation is undergoing and the result will be reported in next report. |
| IS1                 | Mid-Flood | Suspended solid | 3.18          | 1.68                             | 13.80                            | 1.82                             | 18.70                            |   |
| IS2                 | Mid-Flood | Suspended solid | 3.77          | 1.68                             | 13.80                            | 1.82                             | 18.70                            |   |
| IS3                 | Mid-Flood | Suspended solid | 2.82          | 1.68                             | 13.80                            | 1.82                             | 18.70                            |   |

Remark:

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Text highlighted in blue = Limit Level Exceedance

15 December 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS1                 | Mid-Ebb   | Suspended solid | 4.31          | 3.59                             | 13.80                            | 3.89                             | 18.70                            | The investigation is undergoing and the result will be reported in next report. |
| IS2                 | Mid-Ebb   | Suspended solid | 3.70          | 3.59                             | 13.80                            | 3.89                             | 18.70                            |   |
| IS3                 | Mid-Ebb   | Suspended solid | 4.18          | 3.59                             | 13.80                            | 3.89                             | 18.70                            |   |

Remark:

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Text highlighted in blue = Limit Level Exceedance

## Appendix J - Detail of Water Quality Exceedance

### 18 December 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS2                 | Mid-Ebb   | Suspended solid | 7.66          | 6.80                             | 13.80                            | 7.37                             | 18.70                            | The investigation is undergoing and the result will be reported in next report. |

Remark:

Text highlighted in red = Action Level Exceedance

Text highlighted in blue = Limit Level Exceedance

### 22 December 2018

| Monitoring Location | Tide mode | Parameter       | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |                 |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS3                 | Mid-Flood | Turbidity       | 2.89          | 2.87                             | 7.00                             | 3.11                             | 8.40                             | The investigation is undergoing and the result will be reported in next report. |
| IS1                 | Mid-Ebb   | Suspended solid | 7.69          | 6.70                             | 13.80                            | 7.25                             | 18.70                            |   |
| IS2                 | Mid-Ebb   | Suspended solid | 7.11          | 6.70                             | 13.80                            | 7.25                             | 18.70                            |   |
| IS3                 | Mid-Ebb   | Suspended solid | 8.67          | 6.70                             | 13.80                            | 7.25                             | 18.70                            |   |
| IS1                 | Mid-Ebb   | Copper          | 5.33          | 6.13                             | 2.00                             | 6.64                             | 3.00                             |   |
| IS2                 | Mid-Ebb   | Copper          | 5.44          | 6.13                             | 2.00                             | 6.64                             | 3.00                             |   |

## Appendix J - Detail of Water Quality Exceedance

|     |           |        |      |      |      |      |      |  |
|-----|-----------|--------|------|------|------|------|------|--|
| IS3 | Mid-Ebb   | Copper | 5.44 | 6.13 | 2.00 | 6.64 | 3.00 |  |
| IS1 | Mid-Flood | Copper | 5.44 | 6.13 | 2.00 | 6.64 | 3.00 |  |
| IS2 | Mid-Flood | Copper | 5.22 | 6.13 | 2.00 | 6.64 | 3.00 |  |
| IS3 | Mid-Flood | Copper | 5.33 | 6.13 | 2.00 | 6.64 | 3.00 |  |

Remark:

Text highlighted in red = Action Level Exceedance

Text highlighted in blue = Limit Level Exceedance

### 27 December 2018

| Monitoring Location | Tide mode | Parameter | Depth Average | Action Level                     |                                  | Limit Level                      |                                  | Remark  |
|---------------------|-----------|-----------|---------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
|                     |           |           |               | 120% of Upstream Control Station | 95th Percentile of Baseline Data | 130% of Upstream Control Station | 99th Percentile of Baseline Data |   |
| IS3                 | Mid-Ebb   | Copper    | 6.00          | 7.33                             | 2.00                             | 7.94                             | 3.00                             | The investigation is undergoing and the result will be reported in next report. |
| IS1                 | Mid-Ebb   | Copper    | 6.11          | 7.33                             | 2.00                             | 7.94                             | 3.00                             |   |
| IS2                 | Mid-Ebb   | Copper    | 6.22          | 7.33                             | 2.00                             | 7.94                             | 3.00                             |   |
| IS3                 | Mid-Flood | Copper    | 6.11          | 7.33                             | 2.00                             | 7.94                             | 3.00                             |   |
| IS1                 | Mid-Flood | Copper    | 6.00          | 7.33                             | 2.00                             | 7.94                             | 3.00                             |   |

**Appendix J - Detail of Water Quality Exceedance**

|     |           |        |      |      |      |      |      |  |
|-----|-----------|--------|------|------|------|------|------|--|
| IS2 | Mid-Flood | Copper | 6.11 | 7.33 | 2.00 | 7.94 | 3.00 |  |
|-----|-----------|--------|------|------|------|------|------|--|

Remark:

Text highlighted in red = Action Level Exceedance

Text highlighted in blue = Limit Level Exceedance