

## Appendix G Event / Action Plan for Water Quality Exceedance

| Event                                                                  | Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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|                                                                        | ET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IEC                                                                                                                                                                                                                                                                                                                                                             | SO                                                                                                                                                                                                                                                                                                                       | Contractor                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Action level being exceeded by one sampling day                        | Repeat in-situ measurement to confirm findings;<br>Identify source(s) of impact;<br>Inform IEC and Contractor;<br>Check monitoring data, all plant, equipment and Contractor's working methods;<br>Discuss mitigation measures with IEC and Contractor;<br>Repeat measurement on next day of exceedance.<br>(The above actions should be taken within 1 working day after the exceedance is identified)                                                                                               | Discuss with ET and Contractor on the mitigation measures;<br>Review proposals on mitigation measures submitted by Contractor and advise the SO accordingly;<br>Assess the effectiveness of the implemented mitigation measures.<br>(The above actions should be taken within 1 working day after the exceedance is identified)                                 | Discuss with IEC on the proposed mitigation measures;<br>Make agreement on the mitigation measures to be implemented.<br>(The above actions should be taken within 1 working day after the exceedance is identified)                                                                                                     | Inform the SO and confirm notification of the non-compliance in writing;<br>Rectify unacceptable practice;<br>Check all plant and equipment;<br>Consider changes of working methods;<br>Discuss with ET and IEC and propose mitigation measures to IEC and SO within 3 working days;<br>Implement the agreed mitigation measures.<br>(The above actions should be taken within 1 working day after the exceedance is identified)                                 |
| Action level being exceeded by more than one consecutive sampling days | Identify source(s) of impact;<br>Inform IEC and Contractor;<br>Check monitoring data, all plant, equipment and Contractor's working methods;<br>Discuss mitigation measures with IEC and Contractor;<br>Ensure mitigation measures are implemented;<br>Prepare to increase the monitoring frequency to daily;<br>Repeat measurement on next working day of exceedance.<br>(The above actions should be taken within 1 working day after Action Level being exceeded by two consecutive sampling days) | Discuss with ET and Contractor on the mitigation measures;<br>Review proposals on mitigation measures submitted by Contractor and advise the SO accordingly;<br>Assess the effectiveness of the implemented mitigation measures.<br>(The above actions should be taken within 1 working day after Action Level being exceeded by two consecutive sampling days) | Discuss with IEC on the proposed mitigation measures;<br>Make agreement on the mitigation measures to be implemented.<br>Assess the effectiveness of the implemented mitigation measures.<br>(The above actions should be taken within 1 working day after Action Level being exceeded by two consecutive sampling days) | Inform the SO and confirm notification of the non-compliance in writing;<br>Rectify unacceptable practice;<br>Check all plant and equipment;<br>Consider changes of working methods;<br>Discuss with ET and IEC and propose mitigation measures to IEC and SO within 3 working days;<br>Implement the agreed mitigation measures.<br>(The above actions should be taken within 1 working day after Action Level being exceeded by two consecutive sampling days) |

| Event                                          | Action                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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|                                                | ET                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IEC                                                                                                                                                                                                                                                                                                                                       | SO                                                                                                                                                                                                                                                                                                                                                                          | Contractor                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Limit level being exceeded by one sampling day | <p>Inform the SO and confirm notification of the non-compliance in writing;<br/>Rectify unacceptable practice;<br/>Check all plant and equipment;<br/>Consider changes of working methods;<br/>Discuss with Contractor, IEC and SO and propose mitigation measures to IEC and SO within 3 working days;<br/>Implement the agreed mitigation measures.<br/>(The above actions should be taken within 1 working day after the exceedance is identified)</p> | <p>Discuss with ET and Contractor on the mitigation measures;<br/>Review proposals on mitigation measures submitted by Contractor and advise the SO accordingly;<br/>Assess the effectiveness of the implemented mitigation measures.<br/>(The above actions should be taken within 1 working day after the exceedance is identified)</p> | <p>Discuss with IEC, ET and Contractor on the proposed mitigation measures;<br/>Request Contractor to critically review the working methods;<br/>Make agreement on the mitigation measures to be implemented.<br/>Assess the effectiveness of the implemented measures.<br/>(The above actions should be taken within 1 working day after the exceedance is identified)</p> | <p>Inform the SO and confirm notification of the non-compliance in writing;<br/>Rectify unacceptable practice;<br/>Check all plant and equipment;<br/>Consider changes of working methods;<br/>Discuss with ET, IEC and SO and propose mitigation measures to IEC and SO within 3 working days;<br/>Implement the agreed mitigation measures.<br/>(The above actions should be taken within 1 working day after the exceedance is identified)</p> |

| Event                                                                 | Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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|                                                                       | ET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IEC                                                                                                                                                                                                                                                                                                                                                                               | SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Contractor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Limit level being exceeded by more than one consecutive sampling days | <p>Identify source(s) of impact; Inform IEC, Contractor and EPD;</p> <p>Check monitoring data, all plant, equipment and Contractor's working methods. Discuss mitigation measures with IEC, SO and Contractor. Ensure mitigation measures are implemented;</p> <p>Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days. (The above actions should be taken within 1 working day after Limit Level being exceeded by two consecutive sampling days)</p> | <p>Discuss with ET and Contractor on the mitigation measures;</p> <p>Review proposals on mitigation measures submitted by Contractor and advise the SO accordingly;</p> <p>Assess the effectiveness of the implemented mitigation measures.</p> <p>(The above actions should be taken within 1 working day after Limit Level being exceeded by two consecutive sampling days)</p> | <p>Discuss with IEC, ET and Contractor on the proposed mitigation measures;</p> <p>Request Contractor to critically review the working methods;</p> <p>Make agreement on the mitigation measures to be implemented.</p> <p>Assess the effectiveness of the implemented measures.</p> <p>Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the marine work until no exceedance of Limit level. (The above actions should be taken within 1 working day after Limit Level being exceeded by two consecutive sampling days)</p> | <p>Inform the SO and confirm notification of the non-compliance in writing;</p> <p>Rectify unacceptable practice;</p> <p>Check all plant and equipment;</p> <p>Consider changes of working methods;</p> <p>Discuss with ET, IEC and SO and propose mitigation measures to IEC and SO within 3 working days;</p> <p>Implement the agreed mitigation measures;</p> <p>As directed by the SOR, to slow down or to stop all or part of the marine work or construction activities. (The above actions should be taken within 1 working day after Limit Level being exceeded by two consecutive sampling days)</p> |