

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

| Event  | Action  |   |  |  |
|--|---|---|--|--|
|  | 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  |  |   |   |
|--|---|--|---|---|
|  | 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  |  |   |   |
|---|---|--|---|---|
|   | ET  | IEC  | SO  | Contractor  |
| Limit level being exceeded by more than one consecutive sampling days | Identify source(s) of impact;<br>Inform IEC, Contractor and EPD;<br>Check monitoring data, all plant, equipment and Contractor's working methods.<br>Discuss mitigation measures with IEC, SO and Contractor.<br>Ensure mitigation measures are implemented;<br>Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days.<br>(The above actions should be taken within 1 working day after Limit 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 Limit Level being exceeded by two consecutive sampling days) | 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>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.<br>(The above actions should be taken within 1 working day after Limit 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, IEC and SO and propose mitigation measures to IEC and SO within 3 working days;<br>Implement the agreed mitigation measures;<br>As directed by the SOR, to slow down or to stop all or part of the marine work or construction activities.<br>(The above actions should be taken within 1 working day after Limit Level being exceeded by two consecutive sampling days) |