



# ERM

APPENDIX E

EVENT / ACTION PLAN FOR  
CONSTRUCTION PHASE WATER QUALITY

APPENDIX E - EVENT AND ACTION PLAN FOR CONSTRUCTION PHASE WATER QUALITY

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

| EVENT  | ACTION  |   |   |  |
|--|---|---|---|--|
|  | ET  | IEC   | ER  | CONTRACTOR   |
|  | <p>Inform IEC, Contractor and EPD;<br/>Discuss mitigation measure with IEC, ER and Contractor;<br/>(The above actions should be taken within 1 working day after the exceedance is identified)<br/>Repeat measurement on next day of exceedance.</p>  | <p>(The above actions should be taken within 1 working day after the exceedance is identified)</p>  | <p>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 ET, IEC and ER and propose mitigation measures to IEC and ER 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>Limit level being exceeded by more than one consecutive sampling days</p> | <p>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, ER 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 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 ER 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 mitigation 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 the exceedance is identified)</p> | <p>Inform the ER 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 ER and propose mitigation measures to IEC and ER within 3 working days;<br/>Implement the agreed mitigation measures;<br/>As directed by the ER, 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 the exceedance is identified)</p> |