

Annex E

## Event and Action Plans

**Table 1**      *Event/Action Plan for Construction Noise*

Event	Action			
	ETL	IEC	FSR	Contractor
Action Level	<ol style="list-style-type: none"> <li>1. Notify the IEC and Contractor</li> <li>2. Carry out investigation</li> <li>3. Report the results of investigation to the IEC and the Contractor</li> <li>4. Discuss with the Contractor and formulate remedial measures</li> <li>5. Consider undertaking ad hoc monitoring to check mitigation effectiveness</li> </ol>	<ol style="list-style-type: none"> <li>1. Review the analysed results submitted by the ET</li> <li>2. Review the proposed remedial measures by the Contractor and advise the FSR accordingly</li> <li>3. Supervise the implementation of remedial measures</li> </ol>	<ol style="list-style-type: none"> <li>1. Confirm the receipt of notification of failure in writing</li> <li>2. Notify the Contractor</li> <li>3. Require the Contractor to propose remedial measures for the analysed noise problem</li> <li>4. Ensure remedial measures are properly implemented</li> </ol>	<ol style="list-style-type: none"> <li>1. Submit noise mitigation proposals to IEC</li> <li>2. Implement noise mitigation proposals</li> </ol>

Note: ETL - Environmental Team Leader, IEC - Independent Environmental Checker, FSR - Franchisee's Site Representative

**Table 2**      *Event/Action Plan for Water Quality*

EVENT	ACTION			
	ETL	IEC	FSR	Contractor
Action Level being exceeded by one sampling day	<ol style="list-style-type: none"> <li>1. Repeat <i>in-situ</i> measurement to confirm findings;</li> <li>2. Identify source(s) of impact;</li> <li>3. Inform the IEC and the Contractor and FSR;</li> <li>4. Check monitoring data, all plant, equipment and the Contractor's working methods;</li> <li>5. Discuss mitigation measures with the IEC and the Contractor;</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with the ET and the Contractor on the mitigation measures;</li> <li>2. Review proposals on mitigation measures submitted by the Contractor and advise the FSR accordingly;</li> <li>3. Assess the effectiveness of the implemented mitigation measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with the IEC on the proposed mitigation measures;</li> <li>2. Make agreement on the mitigation measures to be implemented.</li> </ol>	<ol style="list-style-type: none"> <li>1. Inform the FSR and confirm notification of the non-compliance in writing;</li> <li>2. Rectify unacceptable practice;</li> <li>3. Check all plant and equipment;</li> <li>4. Consider changes of working methods;</li> <li>5. Discuss with the ET and the IEC and propose mitigation measures to the IEC and the FSR;</li> <li>6. Implement the agreed mitigation measures.</li> </ol>
Action Level being exceeded by more than one consecutive sampling days	<ol style="list-style-type: none"> <li>1. Repeat <i>in-situ</i> measurement to confirm findings;</li> <li>2. Identify source(s) of impact;</li> <li>3. Inform the IEC and the Contractor and FSR;</li> <li>4. Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>5. Discuss mitigation measures with the IEC and the Contractor;</li> <li>6. Ensure mitigation measures are implemented;</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with the ET and the Contractor on the mitigation measures;</li> <li>2. Review proposals on mitigation measures submitted by the Contractor and advise the FSR accordingly;</li> <li>3. Assess the effectiveness of the implemented mitigation measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with the IEC on the proposed mitigation measures;</li> <li>2. Make agreement on the mitigation measures to be implemented;</li> <li>3. Assess effectiveness of the implemented mitigation measures;</li> </ol>	<ol style="list-style-type: none"> <li>1. Inform the FSR and confirm notification of the non-compliance in writing;</li> <li>2. Rectify unacceptable practice;</li> <li>3. Check all plant and equipment;</li> <li>4. Consider changes of working methods;</li> <li>5. Discuss with the ET and the IEC and propose mitigation measures to the IEC and FSR within 3 working days;</li> <li>6. Implement the agreed mitigation measures.</li> </ol>

EVENT	ACTION			
	ETL	IEC	FSR	Contractor
Limit Level being exceeded by one consecutive sampling day	<ol style="list-style-type: none"> <li>1. Repeat <i>in-situ</i> measurement to confirm findings;</li> <li>2. Identify source(s) of impact;</li> <li>3. Inform the IEC, the Contractor and the DEP;</li> <li>4. Check monitoring data, all plant, equipment and the Contractor's working methods;</li> <li>5. Discuss mitigation measures with the IEC, the FSR and the Contractor;</li> <li>6. Ensure mitigation measures are implemented;</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with the ET / Contractor on the mitigation measures;</li> <li>2. Review proposals on mitigation measures submitted by the Contractor and advise the FSR accordingly;</li> <li>3. Assess the effectiveness of the implemented mitigation measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with the IEC, the ET and the Contractor on the proposed mitigation measures;</li> <li>2. Request the Contractor to critically review the working methods;</li> <li>3. Make agreement on the mitigation measures to be implemented;</li> <li>4. Assess the effectiveness of the implemented mitigation measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Inform the Engineer and confirm notification of the non-compliance in writing;</li> <li>2. Rectify unacceptable practice;</li> <li>3. Check all plant and equipment;</li> <li>4. Consider changes of working methods;</li> <li>5. Discuss with the ET, the IEC and the FSR and propose mitigation measures to the IEC and the FSR within 3 working days;</li> <li>6. Implement the agreed mitigation measures.</li> </ol>
Limit Level being exceeded by more than one consecutive sampling days	<ol style="list-style-type: none"> <li>1. Repeat <i>in-situ</i> measurement to confirm findings;</li> <li>2. Identify source(s) of impact;</li> <li>3. Inform the IEC, the Contractor and DEP;</li> <li>4. Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>5. Discuss mitigation measures with the IEC, the FSR and the Contractor;</li> <li>6. Ensure mitigation measures are implemented;</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with ET and Contractor on the mitigation measures;</li> <li>2. Review proposals on mitigation measures submitted by the Contractor and advise the FSR accordingly;</li> <li>3. Assess the effectiveness of the implemented mitigation measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with the IEC, the ET and the Contractor on the proposed mitigation measures;</li> <li>2. Request Contractor to critically review working methods;</li> <li>3. Make agreement on the mitigation measures to be implemented;</li> <li>4. Assess effectiveness of the implemented mitigation measures;</li> <li>5. 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.</li> </ol>	<ol style="list-style-type: none"> <li>1. Inform the FSR and confirm notification of the non-compliance in writing;</li> <li>2. Rectify unacceptable practice;</li> <li>3. Check all plant and equipment;</li> <li>4. Consider changes of working methods;</li> <li>5. Discuss with the ET, the IEC and the FSR and propose mitigation measures to the IEC and the FSR within 3 working days;</li> <li>6. Implement the agreed mitigation measures;</li> <li>7. As directed by the FSR, slow down or stop all or part of the construction activities.</li> </ol>

**Table 3**      *Action Plan for Dolphin Monitoring*

EVENT	ACTION			
	ETL	IEC	FSR	Contractor
Dolphin numbers recorded in the post-construction monitoring are significantly lower than those recorded in the pre-construction monitoring	<ol style="list-style-type: none"> <li>1. Repeat statistical data analysis to confirm findings;</li> <li>2. Review historical data to ensure differences are as a result of natural variation or previously observed seasonal differences;</li> <li>3. Identify source(s) of impact;</li> <li>4. Inform the IEC, FSR and Contractor;</li> <li>5. Check monitoring data, all plant, equipment and Contractor’s working methods;</li> <li>6. Discuss mitigation measures, such as additional dolphin monitoring, with the IEC and Contractor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss monitoring with the ETL and the Contractor;</li> <li>2. Review proposals for repeat monitoring and any other measures submitted by the Contractor and advise the FSR accordingly;</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss the repeat monitoring and any other measures proposed by the ETL with the IEC;</li> <li>2. Make agreement on the measures to be implemented.</li> </ol>	<ol style="list-style-type: none"> <li>1. Inform the FSR and confirm notification of the non-compliance in writing;</li> <li>2. Discuss with the ETL and the IEC and propose measures to the IEC and the FSR;</li> <li>3. Implement the agreed measures.</li> </ol>

Note: ETL – Environmental Team Leader, IEC – Independent Environment Checker, FSR – Franchisee’s Site Representative

**Table 4** *Action Plan for Cultural Heritage, Landscape and Visual Resources*

Action Level	ETL <sup>(1)</sup>	IEC <sup>(1)</sup>	FSR <sup>(1)</sup>	Contractor <sup>(1)</sup>
Non-conformity on one occasion	<ol style="list-style-type: none"> <li>1. Identify Source</li> <li>2. Inform the Contractor, IEC and the FSR</li> <li>3. Discuss remedial actions with the IEC, the FSR and the Contractor</li> <li>4. Monitor remedial actions until rectification has been completed</li> </ol>	<ol style="list-style-type: none"> <li>1. Check report</li> <li>2. Check the Contractor's working method</li> <li>3. Discuss with the ETL and the Contractor on possible remedial measures</li> <li>4. Advise the FSR on effectiveness of proposed remedial measures.</li> <li>5. Check implementation of remedial measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Notify Contractor</li> <li>2. Ensure remedial measures are properly implemented</li> </ol>	<ol style="list-style-type: none"> <li>1. Amend working methods</li> <li>2. Rectify damage and undertake any necessary replacement</li> </ol>
Repeated Non-conformity	<ol style="list-style-type: none"> <li>1. Identify Source</li> <li>2. Inform the Contractor, IEC and the FSR</li> <li>3. Increase monitoring frequency</li> <li>4. Discuss remedial actions with the IEC, the FSR and the Contractor</li> <li>5. Monitor remedial actions until rectification has been completed</li> <li>6. If exceedance stops, cease additional monitoring</li> </ol>	<ol style="list-style-type: none"> <li>1. Check monitoring report</li> <li>2. Check the Contractor's working method</li> <li>3. Discuss with the ETL and the Contractor on possible remedial measures</li> <li>4. Advise the FSR on effectiveness of proposed remedial measures</li> <li>5. Supervise implementation of remedial measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Notify the Contractor</li> <li>2. Ensure remedial measures are properly implemented</li> </ol>	<ol style="list-style-type: none"> <li>1. Amend working methods</li> <li>2. Rectify damage and undertake any necessary replacement</li> </ol>

Note: (1) ETL – Environmental Team Leader, IEC – Independent Environmental Checker, FSR – Franchisee’s Site Representative

