Appendix G Event / Action Plan for Water Quality Exceedance

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

Contract No. EP/SP/66/12 Integrated Waste Management Facilities, Phase 1

Keppel Seghers – Zhen Hua Joint Venture

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

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