

Appendix 8.06 - Raw Data Recorded during the Intertidal Surveys within the Assessment Area during Dry Season

Composition and Abundance (number of individuals / percentage cover per 0.25 m<sup>2</sup>) of Organisms Recorded in Intertidal Community

| Survey Location                   | Dry Season |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
|-----------------------------------|------------|----|-----|-----|-----|----|---|-----|-----|-----|-----|----|----|-----|-----|---|----|-----|-----|-----|-----|
|                                   | N1         |    |     |     |     | N2 |   |     | N3  |     |     |    | N4 |     |     |   | N5 |     |     |     |     |
| Quadrat                           | 1          | 2  | 3   | 4   | 5   | 1  | 2 | 3   | 1   | 2   | 3   | 4  | 1  | 2   | 3   | 4 | 1  | 2   | 3   | 4   | 5   |
| <b>Erect Algae</b>                |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Ulva</i> sp.                   |            |    |     |     | 5%  |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <b>Sea Anemone</b>                |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Haliplanella lineata</i>       |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <b>Tube-worm</b>                  |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Hydroides</i> sp.              |            |    |     | 3   | 30  |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     | 21  |
| <b>Limpet</b>                     |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Cellana grata</i>              |            | 6  | 1   |     | 4   |    |   |     |     |     |     |    |    |     |     |   |    |     |     | 18  |     |
| <i>Collisella dorsuosa</i>        |            |    |     |     |     |    |   | 2   |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Nipponacmea concinna</i>       |            |    |     |     |     |    |   | 2   |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Patelloida saccharina</i>      |            |    | 7   | 7   |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <b>False Limpet</b>               |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Siphonaria japonica</i>        |            |    |     |     | 3   |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Siphonaria laciniosa</i>       |            |    |     | 2   |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <b>Chiton</b>                     |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Acanthopleura japonica</i>     |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <b>Gastropod</b>                  |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Batillaria multiformis</i>     | 12         | 28 |     |     |     | 5  | 6 |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Clithon oualaniensis</i>       | 2          |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Clithon faba</i>               |            |    |     |     |     |    |   |     |     |     | 1   |    |    |     |     |   |    |     |     |     |     |
| <i>Echinolittorina radiata</i>    |            |    |     |     |     |    |   |     |     |     | 1   |    |    |     |     |   |    |     | 1   |     |     |
| <i>Echinolittorina trochoides</i> |            |    |     | 2   |     |    |   |     |     |     |     |    |    |     |     |   |    |     | 1   | 10  |     |
| <i>Lunella coronata</i>           |            |    | 1   |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Monodonta labio</i>            |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Planaxis sulcatus</i>          |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Thais clavigera</i>            |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Onchidium</i> spp.             |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <b>Bivalve</b>                    |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Barbatia virescens</i>         |            |    |     |     |     |    |   | 3   |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Cardita leana</i>              |            |    |     | 1   |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Perna viridis</i>              |            |    |     | 2   |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Septifer virgatus</i>          |            |    | 1   |     |     |    |   | 3   |     |     |     |    |    |     |     |   |    |     | 2   | 7   |     |
| <i>Isognomon isognomum</i>        |            |    |     |     |     |    |   | 2   |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Saccostrea cucullata</i>       |            | 5% | 10% | 70% | 80% |    |   | 50% | <1% | 20% | 20% |    |    |     | 10% |   |    | 10% | 20% | 80% |     |
| <b>Crustacean</b>                 |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Balanus amphitrite</i>         |            |    | <1% | <1% | 10% |    |   | 10% | <1% | <1% | 25% | 1% |    | <1% | <1% |   |    | <1% | 1%  | 20% | 10% |
| <i>Chthamalus malayensis</i>      |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Hemigrapsus</i> sp.            |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <b>Tunicate</b>                   |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |
| <i>Styela plicata</i>             |            |    |     |     |     |    |   |     |     |     |     |    |    |     |     |   |    |     |     |     |     |

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Composition and Abundance (number of individuals / percentage cover per 0.25 m<sup>2</sup>) of Organisms Recorded in Intertidal Community

| Survey Location                   | Wet Season |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------|------------|-----|-----|-----|-----|----|---|---|---|---|----|-----|-----|----|----|-----|-----|-----|-----|----|----|-----|-----|-----|-------|-----|-------|--|--|--|--|--|--|--|--|--|--|
|                                   | N1         |     |     |     |     | N2 |   |   |   |   | N3 |     |     |    |    | N4  |     |     |     |    | N5 |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
|                                   | 1          | 2   | 3   | 4   | 5   | 1  | 2 | 3 | 4 | 5 | 1  | 2   | 3   | 4  | 5  | 1   | 2   | 3   | 4   | 5  | 1  | 2   | 3   | 4   | 5     | 6   | 7     |  |  |  |  |  |  |  |  |  |  |
| <b>Erect Algae</b>                |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Ulva</i> sp.                   |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <b>Sea Anemone</b>                |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Haliplanella lineata</i>       |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <b>Tube-worm</b>                  |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Hydroides</i> sp.              |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <b>Limpet</b>                     |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Cellana grata</i>              |            | 2   | 1   |     |     |    |   |   |   |   |    | 1   |     |    |    |     |     |     |     |    |    | 2   | 5   | 4   |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Collisella dorsuosa</i>        |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Nipponacmea concinna</i>       |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Patelloida saccharina</i>      |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <b>False Limpet</b>               |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Siphonaria japonica</i>        |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Siphonaria laciniosa</i>       |            | 1   |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <b>Chiton</b>                     |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Acanthopleura japonica</i>     |            | 6   |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <b>Gastropod</b>                  |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Batillaria multiformis</i>     |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Clithon oualaniensis</i>       |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Clithon faba</i>               |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Echinolittorina radiata</i>    |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Echinolittorina trochoides</i> |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Lunella coronata</i>           |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Monodonta labio</i>            |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Planaxis sulcatus</i>          |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Thais clavigera</i>            |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Onchidium</i> spp.             |            |     | 1   |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <b>Bivalve</b>                    |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Barbatia virescens</i>         |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Cardita leana</i>              |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Perna viridis</i>              |            |     |     |     | 1   |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Septifer virgatus</i>          | 8          | 15  | 8   |     |     |    | 1 | 3 | 1 |   | 14 | 40  |     | 9  |    | 13  |     | 8   | 75  |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Isognomon isognomum</i>        | 1          |     |     |     |     |    |   |   |   | 1 |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Saccostrea cucullata</i>       |            | 40% | 5%  | 4   |     |    |   |   |   |   | 5% | 20% | 10% | 5% | 5% | <0% | 30% | 60% | 40% | 5% |    | 10% | 40% | 40% | 2ind. |     | 3ind. |  |  |  |  |  |  |  |  |  |  |
| <b>Crustacean</b>                 |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Balanus amphitrite</i>         | 5%         | 1%  | 80% | 80% | 60% |    |   |   |   |   | 8  | 28  | 14% |    |    |     | 5   | 7   |     | 1  |    |     | 35  | 40% | 80%   | 20% | 40%   |  |  |  |  |  |  |  |  |  |  |
| <i>Chthamalus malayensis</i>      |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Hemigrapsus</i> sp.            |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <b>Tunicate</b>                   |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |
| <i>Styela plicata</i>             |            |     |     |     |     |    |   |   |   |   |    |     |     |    |    |     |     |     |     |    |    |     |     |     |       |     |       |  |  |  |  |  |  |  |  |  |  |