

Estimated Quantities of Inert C&D Materials to be Generated, Reused On-site and Delivered Off-site

| Timeframe    | Inert C&D Materials Generated from the Project (in-situ volume, m <sup>3</sup> )   |                             |   |  |   |  |                            | Public Fill Demand for Land Formation (in-situ volume, m <sup>3</sup> ) |                   | Inert C&D Materials Reused On-site for Land Formation (in-situ volume, m <sup>3</sup> ) |                  | Inert C&D Materials Requiring Off-site Delivery (in-situ volume, m <sup>3</sup> ) |                  | Public Fill to be Imported (in-situ volume, m <sup>3</sup> ) |                   |                   |
|--------------|--|-----------------------------|---|--|---|--|----------------------------|---|-------------------|---|------------------|---|------------------|--|-------------------|-------------------|
|              | Excavation for APM & BHS Tunnels, New APM Depot & Airside Tunnels, Piling Works for TRC & Other Facilities and Superstructure Construction Works | Surplus Surcharge Materials | Modification of Existing Northern Seawall | Excavation & Demolition and Superstructure Construction Works for T2 Expansion | Excavation for Improvement of Road Networks | HDD for Diversion of Existing Submarine Fuel Pipelines | Total Amount of Generation |   | Quarterly         | Annually  | Quarterly        | Annually  | Quarterly        | Annually   | Quarterly         | Annually          |
|              |  |                             |   |  |   |  | Quarterly                  | Annually  |                   |   |                  |   |                  |  |                   |                   |
| Q1 2015      | 0  | 0                           | 0   | 0  | 0   | 0  | 0                          | 0   | 0                 | 0   | 0                | 0   | 0                | 0  | 0                 | 0                 |
| Q2 2015      | 0  | 0                           | 0   | 0  | 0   | 0  | 0                          | 0   | 0                 | 0   | 0                | 0   | 0                | 0  | 0                 | 0                 |
| Q3 2015*     | 0  | 0                           | 0   | 0  | 0   | 3,000  | 3,000                      | 0   | 6,000             | 0   | 0                | 3,000   | 6,000            | 0  | 0                 | 0                 |
| Q4 2015*     | 0  | 0                           | 0   | 0  | 0   | 3,000  | 3,000                      | 0   | 6,000             | 0   | 0                | 3,000   | 6,000            | 0  | 0                 | 0                 |
| Q1 2016*     | 0  | 0                           | 58,000                                    | 0  | 0   | 0  | 58,000                     | 0   | 398,000           | 0   | 1,912,000        | 58,000  | 398,000          | 0  | 0                 | 0                 |
| Q2 2016*     | 0  | 0                           | 98,000                                    | 0  | 0   | 0  | 98,000                     | 0   | 398,000           | 0   | 1,912,000        | 98,000  | 398,000          | 0  | 0                 | 0                 |
| Q3 2016*     | 0  | 0                           | 144,000                                   | 0  | 0   | 0  | 144,000                    | 467,000   | 398,000           | 1,912,000   | 144,000          | 398,000   | 0                | 0  | 161,000           | 1,508,000         |
| Q4 2016      | 0  | 0                           | 61,000                                    | 37,000   | 0   | 0  | 98,000                     | 1,445,000   | 398,000           | 1,912,000   | 98,000           | 398,000   | 0                | 0  | 1,347,000         | 1,508,000         |
| Q1 2017      | 56,000   | 0                           | 61,000                                    | 37,000   | 2,000                                       | 0  | 156,000                    | 1,504,000   | 710,000           | 6,099,000   | 156,000          | 710,000   | 0                | 0  | 1,348,000         | 5,389,000         |
| Q2 2017      | 130,000  | 0                           | 40,000                                    | 37,000   | 3,000                                       | 0  | 210,000                    | 1,557,000   | 710,000           | 6,099,000   | 210,000          | 710,000   | 0                | 0  | 1,347,000         | 5,389,000         |
| Q3 2017      | 130,000  | 0                           | 7,000                                     | 37,000   | 3,000                                       | 0  | 177,000                    | 1,524,000   | 710,000           | 6,099,000   | 177,000          | 710,000   | 0                | 0  | 1,347,000         | 5,389,000         |
| Q4 2017      | 130,000  | 0                           | 0   | 37,000   | 0   | 0  | 167,000                    | 1,514,000   | 710,000           | 6,099,000   | 167,000          | 710,000   | 0                | 0  | 1,347,000         | 5,389,000         |
| Q1 2018      | 140,230  | 0                           | 0   | 37,000   | 0   | 0  | 177,230                    | 1,514,000   | 4,359,230         | 4,788,000   | 177,230          | 773,230   | 0                | 3,586,000  | 1,336,770         | 4,014,770         |
| Q2 2018      | 120,000  | 0                           | 0   | 37,000   | 0   | 0  | 157,000                    | 1,496,000   | 4,359,230         | 4,788,000   | 157,000          | 773,230   | 0                | 3,586,000  | 1,339,000         | 4,014,770         |
| Q3 2018      | 212,000  | 0                           | 0   | 37,000   | 0   | 0  | 249,000                    | 1,588,000   | 4,359,230         | 4,788,000   | 249,000          | 773,230   | 0                | 3,586,000  | 1,339,000         | 4,014,770         |
| Q4 2018      | 192,000  | 3,547,000                   | 0   | 37,000   | 0   | 0  | 3,776,000                  | 190,000   | 4,359,230         | 4,788,000   | 190,000          | 773,230   | 3,586,000        | 3,586,000  | 0                 | 4,014,770         |
| Q1 2019      | 303,000  | 0                           | 0   | 41,270   | 0   | 0  | 344,270                    | 301,000   | 1,344,270         | 674,000   | 301,000          | 674,000   | 43,270           | 670,270  | 0                 | 0                 |
| Q2 2019      | 330,000  | 0                           | 0   | 49,000   | 0   | 0  | 379,000                    | 164,000   | 1,344,270         | 674,000   | 164,000          | 674,000   | 215,000          | 670,270  | 0                 | 0                 |
| Q3 2019      | 264,000  | 0                           | 0   | 7,000  | 0   | 0  | 271,000                    | 128,000   | 1,344,270         | 674,000   | 128,000          | 674,000   | 143,000          | 670,270  | 0                 | 0                 |
| Q4 2019      | 343,000  | 0                           | 0   | 7,000  | 0   | 0  | 350,000                    | 81,000  | 1,344,270         | 674,000   | 81,000           | 674,000   | 269,000          | 670,270  | 0                 | 0                 |
| Q1 2020      | 360,000  | 0                           | 0   | 0  | 0   | 0  | 360,000                    | 116,000   | 1,531,000         | 835,000   | 116,000          | 835,000   | 244,000          | 696,000  | 0                 | 0                 |
| Q2 2020      | 394,000  | 0                           | 0   | 0  | 0   | 0  | 394,000                    | 209,000   | 1,531,000         | 835,000   | 209,000          | 835,000   | 185,000          | 696,000  | 0                 | 0                 |
| Q3 2020      | 408,000  | 0                           | 0   | 0  | 0   | 0  | 408,000                    | 255,000   | 1,531,000         | 835,000   | 255,000          | 835,000   | 153,000          | 696,000  | 0                 | 0                 |
| Q4 2020      | 369,000  | 0                           | 0   | 0  | 0   | 0  | 369,000                    | 255,000   | 1,531,000         | 835,000   | 255,000          | 835,000   | 114,000          | 696,000  | 0                 | 0                 |
| Q1 2021      | 357,000  | 0                           | 0   | 0  | 0   | 0  | 357,000                    | 243,000   | 689,000           | 243,000   | 243,000          | 243,000   | 114,000          | 446,000  | 0                 | 0                 |
| Q2 2021      | 89,000   | 0                           | 0   | 0  | 0   | 0  | 89,000                     | 0   | 689,000           | 243,000   | 0                | 243,000   | 89,000           | 446,000  | 0                 | 0                 |
| Q3 2021      | 103,000  | 0                           | 18,000                                    | 0  | 0   | 0  | 121,000                    | 0   | 689,000           | 243,000   | 0                | 243,000   | 121,000          | 446,000  | 0                 | 0                 |
| Q4 2021      | 122,000  | 0                           | 0   | 0  | 0   | 0  | 122,000                    | 0   | 689,000           | 243,000   | 0                | 243,000   | 122,000          | 446,000  | 0                 | 0                 |
| Q1 2022      | 133,000  | 0                           | 0   | 0  | 0   | 0  | 133,000                    | 0   | 506,000           | 0   | 0                | 0   | 133,000          | 506,000  | 0                 | 0                 |
| Q2 2022      | 60,000   | 0                           | 0   | 0  | 0   | 0  | 60,000                     | 0   | 506,000           | 0   | 0                | 0   | 60,000           | 506,000  | 0                 | 0                 |
| Q3 2022      | 60,000   | 246,000                     | 0   | 0  | 0   | 0  | 306,000                    | 0   | 506,000           | 0   | 0                | 0   | 306,000          | 506,000  | 0                 | 0                 |
| Q4 2022      | 7,000  | 0                           | 0   | 0  | 0   | 0  | 7,000                      | 0   | 506,000           | 0   | 0                | 0   | 7,000            | 506,000  | 0                 | 0                 |
| <b>Total</b> | <b>4,812,230</b>   | <b>3,793,000</b>            | <b>487,000</b>                            | <b>437,270</b>   | <b>8,000</b>                                | <b>6,000</b>   | <b>9,543,500</b>           | <b>14,551,000</b>   | <b>14,551,000</b> | <b>14,551,000</b>   | <b>3,639,230</b> | <b>3,639,230</b>  | <b>5,904,270</b> | <b>5,904,270</b>   | <b>10,911,770</b> | <b>10,911,770</b> |

\*Note: Inert C&D materials generated from Q3 of 2015 to Q3 of 2016 would be temporarily stored in stockpiles, which would then be reused for land formation from Q3 of 2016 onwards.