

MATERIALAB CONSULTANTS LIMITED

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Waste Flow Table for Year 2016

| Monthly Ending | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | Actual Quantities of Non-inert C&D Wastes Generated Monthly | | | | |
|----------------|--|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|----------------------------|-----------------------|----------------|-----------------------------|
| | Total Quantity Generated (Inert C&D) | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Metals | Paper/ cardboard packaging | Plastics (see Note 2) | Chemical Waste | Others, e.g. general refuse |
| | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m ³) |
| 2016 Jan | 0.159 | 0.101 | 0.058 | Nil | Nil | Nil | Nil | 0.023 | 0.00002 | 0.0158 | 0.0335 |
| 2016 Feb | 0.291 | 0.050 | 0.241 | Nil | Nil | Nil | 1.34 | 0.023 | 0.00002 | 0.0158 | 0.0335 |
| 2016 Mar | 2.7389 | 0.0407 | 0.0662 | Nil | 2.632 | Nil | 5.92 | 0.023 | 0.00002 | 0.0158 | 0.0571 |
| 2016 Apr | 4.1718 | 0.0578 | 0.462 | Nil | 3.652 | Nil | 12.5 | 0.023 | 0.00002 | 0.0158 | 0.0426 |
| 2016 May | 3.592 | Nil | 0.299 | Nil | 3.293 | Nil | 5.23 | 0.023 | 0.00002 | 0.0158 | 0.0621 |
| 2016 Jun | 4.6035 | Nil | 0.8555 | Nil | 3.748 | Nil | Nil | 0.023 | 0.00002 | 0.0158 | 0.0619 |
| 2016 Jul | 6.155 | 0.153 | 0.015 | Nil | 5.987 | Nil | 7.84 | 0.023 | 0.00002 | 0.0158 | 0.0433 |
| 2016 Aug | 5.1155 | Nil | Nil | Nil | 5.1155 | Nil | 19.93 | 0.023 | Nil | Nil | 0.0147 |
| 2016 Sept | 7.2267 | Nil | Nil | Nil | 7.2267 | Nil | 33.65 | 0.023 | Nil | Nil | 0.0103 |
| 2016 Oct | 4.6448 | Nil | Nil | Nil | 4.6448 | Nil | 13.30 | 0.023 | Nil | Nil | 0.0385 |
| 2016 Nov | 6.1626 | Nil | Nil | Nil | 6.1626 | Nil | 27.06 | 0.023 | Nil | Nil | 0.0192 |
| 2016 Dec | 6.3522 | Nil | Nil | Nil | 6.3522 | Nil | 13.30 | 0.023 | Nil | Nil | 0.0121 |
| Total | 51.213 | 0.4025 | 1.9967 | Nil | 48.8138 | Nil | 140.07 | 0.276 | 0.00014 | 0.1106 | 0.4288 |

Note:

- 1) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
- 2) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging materials.
- 3) Total Quantity Generated (Inert) = Hard Rock and Large Broken Concrete + Reused in the Contract + Disposed as Public Fill – Imported Fill

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| Waste Flow Table for Year 2017 | | | | | | | | | | | |
|--------------------------------|--|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|----------------------------|-----------------------|----------------|-----------------------------|
| Monthly Ending | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | Actual Quantities of Non-inert C&D Wastes Generated Monthly | | | | |
| | Total Quantity Generated (Inert C&D) | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Metals | Paper/ cardboard packaging | Plastics (see Note 2) | Chemical Waste | Others, e.g. general refuse |
| | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m ³) |
| 2017 Jan | 4.2300 | Nil | Nil | Nil | 4.2300 | Nil | 0.015 | 0.023 | Nil | Nil | 0.0109 |
| 2017 Feb | 3.2128 | Nil | Nil | Nil | 3.2128 | Nil | 0.015 | 0.023 | Nil | Nil | 0.0096 |
| 2017 Mar | 9.4759 | Nil | Nil | Nil | 9.4759 | Nil | 0.034 | 0.023 | Nil | Nil | 0.0162 |
| 2017 Apr | 4.8827 | Nil | Nil | Nil | 4.8827 | Nil | 0.016 | 0.023 | Nil | Nil | 0.0062 |
| 2017 May | 3.0366 | Nil | Nil | Nil | 3.0366 | Nil | 0.022 | 0.023 | Nil | Nil | 0.0282 |
| 2017 Jun | 2.5656 | Nil | Nil | Nil | 2.5656 | Nil | 41.25 | Nil | Nil | Nil | 0.0357 |
| 2017 Jul | 5.5267 | Nil | 0.7851 | Nil | 4.7416 | Nil | 4.01 | 0.4515 | Nil | 0.25 | 0.0364 |
| 2017 Aug | 11.4734 | Nil | 0.0276 | Nil | 11.4458 | Nil | 7.4 | Nil | Nil | Nil | 0.0196 |
| 2017 Sep | 23.9373 | Nil | 2.6167 | Nil | 21.3206 | Nil | 3.52 | Nil | Nil | Nil | 0.0333 |
| 2017 Oct | 17.8261 | Nil | 0.4069 | Nil | 17.4192 | Nil | Nil | Nil | Nil | Nil | 0.0156 |
| 2017 Nov | 5.8834 | Nil | 0.6664 | Nil | 5.217 | Nil | Nil | Nil | Nil | Nil | 0.023 |
| 2017 Dec | 21.3554 | Nil | 0.4763 | Nil | 20.8791 | Nil | 29.13 | Nil | Nil | Nil | 0.022 |
| Total | 113.4059 | Nil | 4.9790 | Nil | 108.4269 | Nil | 85.412 | 0.5665 | Nil | 0.25 | 0.2567 |

Note:

- 1) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
- 2) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging materials.
- 3) Total Quantity Generated (Inert) = Hard Rock and Large Broken Concrete + Reused in the Contract + Disposed as Public Fill – Imported Fill

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Waste Flow Table for Year 2018

| Monthly Ending | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | Actual Quantities of Non-inert C&D Wastes Generated Monthly | | | | |
|----------------|--|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|----------------------------|-----------------------|----------------|-----------------------------|
| | Total Quantity Generated (Inert C&D) | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Metals | Paper/ cardboard packaging | Plastics (see Note 2) | Chemical Waste | Others, e.g. general refuse |
| | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m ³) |
| 2018 Jan | 10.2340 | Nil | Nil | Nil | 10.2340 | Nil | 32.39 | Nil | Nil | Nil | 0.0161 |
| 2018 Feb | 6.5256 | Nil | Nil | Nil | 6.5256 | Nil | Nil | Nil | Nil | Nil | 0.0235 |
| 2018 Mar | 28.1995 | Nil | Nil | Nil | 28.1995 | Nil | 54.54 | Nil | Nil | Nil | 0.0190 |
| 2018 Apr | 11.2165 | Nil | Nil | Nil | 11.2165 | Nil | Nil | Nil | Nil | Nil | 0.0270 |
| 2018 May | 5.6011 | Nil | Nil | Nil | 5.6011 | Nil | Nil | Nil | Nil | Nil | 0.0140 |
| 2018 Jun | 5.8072 | Nil | Nil | Nil | 5.8072 | Nil | 93.3 | Nil | Nil | Nil | 0.0235 |
| 2018 Jul | 7.4206 | Nil | Nil | Nil | 7.4206 | Nil | Nil | Nil | Nil | Nil | 0.0383 |
| 2018 Aug | 2.0815 | Nil | Nil | Nil | 2.0815 | Nil | Nil | Nil | Nil | Nil | 0.0665 |
| 2018 Sep | 0.3710 | Nil | Nil | Nil | 0.3710 | Nil | Nil | Nil | Nil | Nil | 0.0436 |
| 2018 Oct | 0.9087 | Nil | Nil | Nil | 0.9620 | 0.0533 | Nil | Nil | Nil | Nil | 0.0444 |
| 2018 Nov | 0.7291 | Nil | Nil | Nil | 0.7733 | 0.0589 | Nil | Nil | Nil | Nil | 0.0225 |
| 2018 Dec | -0.0931 | Nil | Nil | Nil | 0.3860 | 0.4791 | Nil | Nil | Nil | Nil | 0.0228 |
| Total | 79.0017 | Nil | Nil | Nil | 79.5783 | 0.5913 | 180.23 | Nil | Nil | Nil | 0.3614 |

Note:

- 1) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
- 2) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging materials.
- 3) Total Quantity Generated (Inert) = Hard Rock and Large Broken Concrete + Reused in the Contract + Disposed as Public Fill – Imported Fill

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Waste Flow Table for Year 2019

| Monthly Ending | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | Actual Quantities of Non-inert C&D Wastes Generated Monthly | | | | |
|----------------|--|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|----------------------------|-----------------------|----------------|-----------------------------|
| | Total Quantity Generated (Inert C&D) | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Metals | Paper/ cardboard packaging | Plastics (see Note 2) | Chemical Waste | Others, e.g. general refuse |
| | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m ³) |
| 2019 Jan | 0.2485 | Nil | Nil | Nil | 0.7063 | 0.45774 | Nil | Nil | Nil | Nil | 0.0100 |
| 2019 Feb | 0.2790 | Nil | Nil | Nil | 0.2790 | Nil | Nil | Nil | Nil | Nil | 0.0076 |
| 2019 Mar | 0.7376 | Nil | Nil | Nil | 0.7376 | Nil | Nil | Nil | Nil | Nil | 0.0929 |
| 2019 Apr | 0.3694 | Nil | Nil | Nil | 0.3694 | Nil | Nil | Nil | Nil | Nil | 0.0365 |
| 2019 May | 0.4683 | Nil | Nil | Nil | 0.4683 | Nil | Nil | Nil | Nil | Nil | 0.0383 |
| 2019 Jun | 0.8571 | Nil | Nil | Nil | 0.8571 | Nil | Nil | Nil | Nil | Nil | 0.0160 |
| 2019 Jul | 15.2091 | Nil | Nil | Nil | 15.2091 | Nil | Nil | Nil | Nil | Nil | 0.0331 |
| 2019 Aug | 5.7307 | Nil | Nil | Nil | 5.7307 | Nil | Nil | Nil | Nil | Nil | 0.0249 |
| 2019 Sep | 9.0074 | Nil | Nil | Nil | 9.0074 | Nil | Nil | Nil | Nil | Nil | 0.0541 |
| 2019 Oct | 0.6616 | Nil | Nil | Nil | 0.6616 | Nil | Nil | Nil | Nil | Nil | 0.0269 |
| 2019 Nov | 0.8783 | Nil | Nil | Nil | 0.8783 | Nil | Nil | 0.17 | Nil | Nil | 0.0453 |
| 2019 Dec | 0.6110 | Nil | Nil | Nil | 0.6110 | Nil | Nil | Nil | Nil | Nil | 0.0519 |
| Total | 35.058 | 0 | 0 | 0 | 35.5158 | 0.4577 | 0 | 0.17 | 0 | 0 | 0.4375 |

Note:

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- 3) Total Quantity Generated (Inert) = Hard Rock and Large Broken Concrete + Reused in the Contract + Disposed as Public Fill – Imported Fill

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| Waste Flow Table for Year 2020 | | | | | | | | | | | |
|--------------------------------|--|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|----------------------------|-----------------------|----------------|-----------------------------|
| Monthly Ending | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | Actual Quantities of Non-inert C&D Wastes Generated Monthly | | | | |
| | Total Quantity Generated (Inert C&D) | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Metals | Paper/ cardboard packaging | Plastics (see Note 2) | Chemical Waste | Others, e.g. general refuse |
| | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m ³) |
| 2020 Jan | 0.3807 | Nil | Nil | Nil | 0.3807 | Nil | Nil | Nil | Nil | Nil | 0.0276 |
| 2020 Feb | 0.2862 | Nil | Nil | Nil | 0.2862 | Nil | Nil | Nil | Nil | Nil | 0.0365 |
| 2020 Mar | 0.4291 | Nil | Nil | Nil | 0.4291 | Nil | Nil | Nil | Nil | Nil | 0.0270 |
| 2020 Apr | 0.1812 | Nil | Nil | Nil | 0.1812 | Nil | Nil | Nil | Nil | Nil | 0.0201 |
| 2020 May | 0.2966 | Nil | Nil | Nil | 0.2966 | Nil | Nil | Nil | Nil | Nil | 0.0168 |
| 2020 Jun | 0.1691 | Nil | Nil | Nil | 0.1691 | Nil | Nil | Nil | Nil | Nil | 0.0079 |
| 2020 Jul | 0.0630 | Nil | Nil | Nil | 0.0630 | Nil | Nil | Nil | Nil | Nil | 0.0273 |
| 2020 Aug | 0.1189 | Nil | Nil | Nil | 0.1189 | Nil | Nil | Nil | Nil | Nil | 0.0116 |
| 2020 Sep | 0.1151 | Nil | Nil | Nil | 0.1151 | Nil | Nil | Nil | Nil | Nil | 0.0090 |
| 2020 Oct | 0.0400 | Nil | Nil | Nil | 0.0400 | Nil | Nil | Nil | Nil | Nil | 0.0083 |
| 2020 Nov | 0.0123 | Nil | Nil | Nil | 0.0123 | Nil | Nil | Nil | Nil | Nil | 0.0154 |
| 2020 Dec | 0.1070 | Nil | Nil | Nil | 0.1070 | Nil | Nil | Nil | Nil | Nil | 0.1070 |
| Total | 2.1992 | 0 | 0 | 0 | 2.1992 | 0 | 0 | 0 | 0 | 0 | 0.3145 |

Note:

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| Waste Flow Table for Year 2021 | | | | | | | | | | | |
|--------------------------------|--|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|----------------------------|-----------------------|----------------|-----------------------------|
| Monthly Ending | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | Actual Quantities of Non-inert C&D Wastes Generated Monthly | | | | |
| | Total Quantity Generated (Inert C&D) | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Metals | Paper/ cardboard packaging | Plastics (see Note 2) | Chemical Waste | Others, e.g. general refuse |
| | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m ³) |
| 2021 Jan | 0.0318 | - | - | - | 0.0318 | - | - | - | - | - | 0.0786 |
| 2021 Feb | 0.1662 | - | - | - | 0.1662 | - | - | - | - | - | - |
| 2021 Mar | - | - | - | - | - | - | - | - | - | - | - |
| 2021 Apr | | | | | | | | | | | |
| 2021 May | | | | | | | | | | | |
| 2021 Jun | | | | | | | | | | | |
| 2021 Jul | | | | | | | | | | | |
| 2021 Aug | | | | | | | | | | | |
| 2021 Sep | | | | | | | | | | | |
| 2021 Oct | | | | | | | | | | | |
| 2021 Nov | | | | | | | | | | | |
| 2021 Dec | | | | | | | | | | | |
| Total | 0.1980 | 0 | 0 | 0 | 0.1980 | 0 | 0 | 0 | 0 | 0 | 0.0786 |

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