

Monthly Waste Flow Table for March 2018

Project: Lamma Power Station Extension - Civil and Building Works for Unit L10

Contractor: Paul Y. Construction Company, Limited

Record by: Ben Lam

Year of Record: 2016, 2017 & 2018

| MM.YYYY | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | | | Actual Quantities of Non-inert C&D Materials Generated Monthly | | | | | |
|-------------|--|--------------------------------|---|---|------------------------|--------------------------|-------------------------|--------------------------------|--|--------------------------------------|--|-----------------------------------|---|----------------------------|
| | Excavated Materials | | | Non-excavated Materials | | | | | Metals (steel bar / metal strip ⁽¹⁾) | Metals (aluminum can) ⁽¹⁾ | Paper / cardboard packaging ⁽¹⁾ | Plastics ^{(1) & (4)} | Chemical waste (wasted lubricant oil/oil container) | Other, e.g. general refuse |
| | Disposed in Public Fill | Disposed in Sorting Facilities | Others (e.g. Reused in the Contract / Other Projects) | Broken Concrete or Construction Waste Collected by Recycled Company | Reused in the Contract | Reused in other Projects | Disposed in Public Fill | Disposed in Sorting Facilities | | | | | | |
| (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000L) | (in '000kg) | |
| Jan-2016 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Feb-2016 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mar-2016 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Apr-16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| May-16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jun-16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jul-16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Aug-16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sep-16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Oct-16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nov-16 | 1779.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Dec-16 | 0.00 | 1.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.48 |
| Jan-17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 |
| Feb-17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Mar-17 | 3160.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Apr-17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 65.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| May-17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Jun-17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Jul-17 | 2988.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aug-17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 47.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sep-17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Oct-17 | 1963.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 |
| Nov-17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Dec-17 | 3011.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Jan-18 | 117.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.81 | 0.00 | 0.00 | 0.00 | 0.00 | 151.22 |
| Feb-18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 |
| Mar-18 | 2434.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 |
| Apr-18 | | | | | | | | | | | | | | |
| Total | 15454.20 | 1.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 200.45 | 0.00 | 0.00 | 0.00 | 0.60 | 176.64 |

| Total Inert C&D Waste Materials Generated | Non-inert C&D Materials | | |
|---|-------------------------|-----------------------------------|----------------|
| | C&D Materials Recycled | C&D Waste Disposed of at Landfill | Chemical Waste |
| 15455.63 tonnes | 200.45 tonnes | 176.64 tonnes | 600 Liters |

- Where (A) Inert C&D materials include bricks, concrete, building debris, rubble and excavated spoil. In total, 15455.63 tonnes of inert C&D material were generated from the Project, of which 0 tonnes were reused in this and other contracts, and the remaining 15455.63 tonnes were disposed as public fill to Fill Banks / Sorting Facilities.
- (b) Non-inert C&D materials (construction wastes) include metals, paper / cardboard packaging waste, plastics and other wastes such as general refuse. Metals generated from the Project were grouped into construction wastes as the materials were not disposed of with others at the public fill.
- (c) 0 kg of metals, 0 kg of papers/ cardboard packing and 0 kg of plastics were sent to recyclers for recycling during the reporting period.
- (d) Construction wastes other than metals, paper/cardboard packaging, plastics and chemicals were disposed of at Landfill.

- Notes:
- (1) metal, paper & plastic were collected by recycler
 - (2) The performance target of waste recycling are specified in the Contract.
 - (3) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
 - (4) Plastics refer to plastic bottles/ containers, plastic/ foam from packaging material.
 - (5) Broken concrete for recycling into aggregates.
 - (6) Disposal of inert waste to public fill or sorting facilities will NOT be considered as recycled waste.

Monthly Waste Flow Table for March 2018

Project: LAMMA POWER STATION EXTENSION – Unit 10 Complete Erection, Inspection, Testing & Commissioning of Power Block Facilities

Contractor: Taihei Dengyo Kaisha, Ltd.

Record by: Stephen Sin

Year of Record: 2018

| MM.YYYY | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | | | Actual Quantities of Non-inert C&D Materials Generated Monthly | | | | | |
|----------|--|--------------------------------|---|---|-------------------------|--------------------------|-------------------------|--------------------------------|--|--------------------------------------|--|-----------------------------------|---|----------------------------|
| | Excavated Materials | | | | Non-excavated Materials | | | | Metals (steel bar / metal strip) ⁽¹⁾ | Metals (aluminum can) ⁽¹⁾ | Paper / cardboard packaging ⁽¹⁾ | Plastics ^{(1) & (4)} | Chemical waste (wasted lubricant oil/oil container) | Other, e.g. general refuse |
| | Disposed in Public Fill | Disposed in Sorting Facilities | Others (e.g. Reused in the Contract / Other Projects) | Broken Concrete or Construction Waste Collected by Recycled Company | Reused in the Contract | Reused in other Projects | Disposed in Public Fill | Disposed in Sorting Facilities | | | | | | |
| | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | | | | | | |
| Jan 2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Feb 2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Mar 2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.73 |
| Apr 2018 | | | | | | | | | | | | | | |
| May 2018 | | | | | | | | | | | | | | |
| Jun 2018 | | | | | | | | | | | | | | |
| Jul 2018 | | | | | | | | | | | | | | |
| Aug 2018 | | | | | | | | | | | | | | |
| Sep 2018 | | | | | | | | | | | | | | |
| Oct 2018 | | | | | | | | | | | | | | |
| Nov 2018 | | | | | | | | | | | | | | |
| Dec 2018 | | | | | | | | | | | | | | |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.73 |

| Total Inert C&D Waste Materials Generated | Non-inert C&D Materials | | |
|---|-------------------------|-----------------------------------|----------------|
| | C&D Materials Recycled | C&D Waste Disposed of at Landfill | Chemical Waste |
| 0.00 tonnes | 0.00 tonnes | 14.73 tonnes | 0.00 tonnes |

- Where (A) Inert C&D materials include bricks, concrete, building debris, rubble and excavated spoil. In total, 0.00 tonnes of inert C&D material were generated from the Project, of which 0 tonnes were reused in this and other contracts, and the remaining 0.00 tonnes were disposed as public fill to Fill Banks.
- (b) Non-inert C&D materials (construction wastes) include metals, paper / cardboard packaging waste, plastics and other wastes such as general refuse. Metals generated from the Project were grouped into construction wastes as the materials were not disposed of with others at the public fill.
- (c) 0 kg of metals 0 kg of papers/ cardboard packing and 0 kg of plastics were sent to recyclers for recycling during the reporting period.
- (d) Construction wastes other than metals, paper/cardboard packaging, plastics and chemicals were disposed of at Landfill.

Notes:

- (1) metal, paper & plastic were collected by recycler
- (2) The performance target of waste recycling are specified in the Contract.
- (3) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
- (4) Plastics refer to plastic bottles/ containers, plastic/ foam from packaging material.
- (5) Broken concrete for recycling into aggregates.
- (6) Disposal of inert waste to public fill or sorting facilities will **NOT** be considered as recycled waste.

Monthly Waste Flow Table for March 2018

Project: Foundation Works for Lamma Power Station Extension Unit L11

Contractor: Sunley Engineering & Construction Co Ltd

Record by: Andy Fan

Year of Record: 2016/2017/2018

| MM.YYYY | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | | | Actual Quantities of Non-inert C&D Materials Generated Monthly | | | | | |
|-------------|--|--------------------------------|---|---|------------------------|--------------------------|-------------------------|--------------------------------|--|--------------------------------------|--|-----------------------------------|---|----------------------------|
| | Excavated Materials | | | Non-excavated Materials | | | | | Metals (steel bar / metal strip) ⁽¹⁾ | Metals (aluminum can) ⁽¹⁾ | Paper / cardboard packaging ⁽¹⁾ | Plastics ^{(1) & (4)} | Chemical waste (wasted lubricant oil/oil container) | Other, e.g. general refuse |
| | Disposed in Public Fill | Disposed in Sorting Facilities | Others (e.g. Reused in the Contract / Other Projects) | Broken Concrete or Construction Waste Collected by Recycled Company | Reused in the Contract | Reused in other Projects | Disposed in Public Fill | Disposed in Sorting Facilities | | | | | | |
| (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in L) | (in '000kg) | |
| Nov-2016 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Dec-2016 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Jan-2017 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Feb-17 | 2029.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.63 |
| Mar-17 | 2790.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.26 |
| Apr-17 | 7481.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.36 |
| May-17 | 7690.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.16 |
| Jun-17 | 8808.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.01 |
| Jul-17 | 11622.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.83 |
| Aug-17 | 9403.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.69 |
| Sep-17 | 3511.8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.30 |
| Oct-17 | 1847.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 280.00 | 0.00 | 0.00 |
| Nov-17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Dec-17 | 1747.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Jan-18 | 1763.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.64 |
| Feb-18 | 0.00 | 4.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.33 |
| Mar-18 | 1990.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 60685.76 | 4.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 280.00 | 0.00 | 47.21 |

| Total Inert C&D Waste Materials Generated | Non-inert C&D Materials | | |
|---|-------------------------|-----------------------------------|----------------|
| | C&D Materials Recycled | C&D Waste Disposed of at Landfill | Chemical Waste |
| 60690.20 tonnes | 0 tonnes | 47.21 tonnes | 280L |

- Where (A) Inert C&D materials include bricks, concrete, building debris, rubble and excavated spoil. In total, 60690.20 tonnes of inert C&D material were generated from the Project, of which 0 tonnes were reused in this and other contracts, and the remaining 60690.20 tonnes were disposed as public fill to Fill Banks/Sorting Facilities.
- (b) Non-inert C&D materials (construction wastes) include metals, paper / cardboard packaging waste, plastics and other wastes such as general refuse. Metals generated from the Project were grouped into construction wastes as the materials were not disposed of with others at the public fill.
- (c) 0 kg of metals, 0 kg of papers/ cardboard packing and 0 kg of plastics were sent to recyclers for recycling during the reporting period.
- (d) Construction wastes other than metals, paper/cardboard packaging, plastics and chemicals were disposed of at Landfill.

Notes:

- (1) metal, paper & plastic were collected by recycler
(2) The performance target of waste recycling are specified in the Contract.
(3) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
(4) Plastics refer to plastic bottles/ containers, plastic/ foam from packaging material.
(5) Broken concrete for recycling into aggregates.
(6) Disposal of inert waste to public fill or sorting facilities will NOT be considered as recycled waste.