

Levy Detailed Data File Specification

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Prepared by: Office of Circular Economy, Department of Environment and Science

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16 June 2023

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Document Revision

Version 4.3 is the document revision for this specification. The version number required for the header record in section 2.4.2 Header record is now 4.0

| Section | Description |
|------------|--|
| 2.4.3 | Correction to the length of the Permit field for validation purposes. |
| 3.4.1 | Clarification about classifying non-commercial asbestos loads weighing over 175kg. |
| 3.4.4 | Clarification that example relates to the use of approved exemption certificates and that general exemptions should be classified as such when entering the levyable part of the site. |
| Appendix F | Removal of the Clean Earth (CE) and Road Planings (ROADP) General Exemption Codes. |

Approved By:

Dylan Walker
Director, Office of Circular Economy
Department of Environment and Science
16 June 2023

Enquiries:

Circular Economy Services
Phone: 13 QGOV (13 74 68)
Email: Enquiries.QWDS@des.qld.gov.au
Website: www.des.qld.gov.au

| Version | Approved Date | Effective Date | Description of changes |
|---------|---------------|----------------|---|
| 4.3 | 16 June 2023 | 1 July 2023 | Removal of exemption code and minor corrections. |
| 4.2 | 3 August 2022 | 1 October 2022 | Updated for additional validations and code configuration guidance. |
| 4.1 | 20 May 2022 | 1 July 2022 | Removal of exemption code |

1 Introduction

This document is the technical specification for the Detailed Data Returns required under the *Waste Reduction and Recycling Act 2011 (the Act)*.

It explains the file format and data required. The terms Detailed Data File and Detailed Data Return are synonymous. A Detailed Data File which does not conform to this specification will not be accepted by the Department of Environment and Science.

This document has three sections:

- Section 2 – File format (technical information for the Detailed Data File)
- Section 3 – Example data
- Appendices – Data codes

There is separate training material that explains how to load the file into the Queensland Waste Data System (QWDS) used by the department. This is available at the following location <https://www.qld.gov.au/environment/pollution/management/waste/recovery/data-reports/qwds>, or please email Enquiries.QWDS@des.qld.gov.au for any guidance or assistance.

2 File format

This section provides an overview of the Detailed Data File format and the data types used within this file.

2.1 Overview

The Detailed Data File uses a delimited ASCII text file format. Commonly referred to as a comma separated value (CSV) file format, records will be of variable length, with fields separated or delimited by the ',' (comma) character.

Each file may contain multiple records, which in turn will contain one or more fields as prescribed within this document for the type of record.

2.2 CSV file format conventions

The CSV file format conventions adopted by the department for the Detailed Data File are as follows:

1. Each record must end with an end-of-record (EOR) control character or character pair. Accepted EOR control characters are a line feed (ASCII/LF=0x0A), or a carriage return and line feed pair (ASCII/CRLF=0x0D 0x0A).
2. Fields will be separated or delimited by the comma character (ASCII/, =0x2C).

Example: *three fields*

```
Fred,21,Exercise
```

3. There will be no field delimiter character following the final field in a record.

Example: *two records, each three fields*

```
Fred,21,Exercise  
Jane,35,Movies
```

4. Two consecutive field delimiter characters (or when the last field of the record or file is a field delimiter character followed by an EOR or EOF control character respectively) indicate null fields.

Example: *two records, first with a null second field, second with a null last field*

```
Fred,,Exercise  
Jane,35,,
```

Note: Some file specification documents published by the department, for example the Regulated Waste Tracking Bulk Upload data file specification, may have examples for commas in enclosed quotes. This does not apply to the levy Detailed Data File.

2.3 Data types

This section describes the data types used within the Detailed Data File.

2.3.1 String

The string data type can contain alphanumeric values (alphabetic and/or numeric characters) including 'leading' characters, e.g. '01','02','03'. String fields should only be the size of the meaningful data and must not contain leading or trailing spaces unless required as part of the actual value.

2.3.2 Date/time

Several date formats are allowed as below.

| Format | Example – 1 August 2019 |
|------------|-------------------------------------|
| YYYY-MM-DD | 2019-08-01 |
| YYYY/MM/DD | 2019/08/01 |
| DD/MM/YYYY | 01/08/2019 1/08/2019 1/8/2019 |
| DD-MM-YYYY | 01-08-2019 1-08-2019 1-8-2019 |

Time is expressed in numeric form and can include 'leading' characters if required, e.g. '09:54' for the time nine fifty-four am.

2.3.3 Number

The number data type contains one or a sequence of numeric characters which may contain a decimal point (if required), excluding codes with 'leading' characters, e.g. '01','02','03' are not valid numbers. Number fields which do not contain whole numbers must contain an explicit decimal point and number values for the number of explicit decimal places as defined by the field format.

2.4 Detailed Data File format

The Detailed Data File has transactions for the movement of waste and other material to, from and within the site for a levy period (one calendar month). The file has a mix of record types. Blank lines are not allowed.

When a waste operator has more than one site, then all sites are provided in the one Detailed Data file.

Record Type Overview

| Record Type (and link to specification) | Purpose | Number of rows allowed per file | Record Type code | Example row (These examples are explained in the following sections). |
|--|---|---------------------------------|------------------|---|
| Header record | Identifies the client and the month the data applies to. The levy period month is used for reconciliation with the Summary Return recorded in the department's system | 1 | H | H,LEVY,3.0,W123456,2019-08-01,2019-08-31 |
| Waste and material movement record | This is the transaction for the movement of waste or other material that has come onto the site, moved around the site or left the site. | 0 or more | D | D,C199999,DK123456,2019-08-01,12:15,N,ABC123,L,MSW,MSW,MM,,35.86,22.44,13.42,,,LZ,DLF |
| Add a missing record | Add a waste and material movement record that should have been provided for a previous month. | 0 or more | A | A,C199999,DK123000,2019-07-18,15:00,N,XYZ123,E,CI,CI,MM,,21.56,16.82,4.74,,,LZ,DLF |
| Update a record | Update a waste and material movement record provided in a previous month. | 0 or more | U | U,C199999,DK123456,2019-08-01,12:15,N,ABC123,L,MSW,MSW,GW,,35.86,22.44,13.42,,,LZ,DLF |
| Cancel a record | Remove a waste and material movement record. | 0 or more | C | C,C199999,DK123456 |
| Footer record | Checks that all rows in the file have been loaded into the system for validation. | 1 | F | F,1,1000 |

2.4.1 Data file name

The file name must use these conventions.

Format: LEVY_identifier_YYYYMMDD_HHmm.csv

| File name part | Description |
|----------------|--|
| _ | An underscore must be used to separate parts as per the specified file format. |
| LEVY | File name prefix. |
| Identifier | The unique client identifier provided by the department for the Waste Disposal Site Operator (WDSO) supplying the file. e.g. W123456 |
| YYYY | All four digits of the year the file was generated in. |
| MM | The two-digit month the file was generated in with leading zero if less than 10, e.g. 01 |
| DD | The two-digit day the file was generated on with leading zero if less than 10, e.g. 09 |
| HH | The two-digit hour with leading zero if less than 10 in 24 hour notation (no am/pm allowed) |
| mm | (lowercase mm's) the two-digit minutes with leading zero if less than 10 |
| .csv | All files have csv file type |

Example: file name for a Detailed Data File produced for waste disposal site operator W123456 on 02/08/2019 at 7:00 pm

LEVY_W123456_20190802_1900.csv

2.4.2 Header record

The Detailed Data File has one header record on the first line.

| Column name | Data type | Max size | Null allowed | *Format | Description | Comment |
|--|-----------|----------|--------------|--|--|--|
| Record type | String | 1 | No | A | Fixed value identifying the header record | Value = H |
| File type | String | 10 | No | X[X(9)] | Fixed value identifying the file type | Value = LEVY |
| Version number | String | 10 | No | X[X(9)] | Value identifying the version of the file specification used. | Value = 4.0 The version number changes when a new version of this specification is released. |
| Client identifier (previously called the WDSO identifier) | String | 20 | No | X[X(19)] | The unique identifier for the waste disposal site operator. This is provided by the department and does not change. | Value = <WDSO ID> It is prefixed with a W e.g. W123456 |
| Levy period start date | Date/time | 10 | No | YYYY-MM-DD YYYY/MM/DD DD/MM/YYYY DD-MM-YYYY | The levy period start date for the detailed data return. | The first calendar day of the month. e.g. 01/08/2019 Section 2.3.2 Date/time shows example date values. |
| Levy period end date | Date/time | 10 | No | YYYY-MM-DD YYYY/MM/DD DD/MM/YYYY DD-MM-YYYY | The levy period end for the detailed data return. | The last calendar day of the month. Must be the same month as the Levy period start date. e.g. 31/08/2019 Section 2.3.2 Date/time shows example date values. |

*For further explanation of the nomenclature used in the format column, see Appendix I - Field format convention

Example: Header record for August 2019 monthly levy reporting period for waste disposal site operator that has client id, W123456.

H,LEVY,3.0,W123456,2019-08-01,2019-08-31

2.4.3 Waste and material movement record

Waste and material movement records start on line 2 in the file. Each record represents waste delivered to the waste disposal site, waste moved between the resource recovery area and the levyable waste disposal site, or waste removed from the site. Various waste and non-waste movement scenarios are provide in Section 3 Examples.

| Column name | Data type | Max size | Null allowed | *Format | Description | Comment |
|--------------------|-----------|----------|--------------|--|--|--|
| Record type | String | 1 | No | A | Fixed value identifying the record as a waste and material movement record. | Value = D |
| Site identifier | String | 20 | No | X[X(19)] | Unique identifier for a waste disposal site. This is provided by the department and does not change. | Value = <Site_ID> It is prefixed with a C e.g. C19999 |
| Transaction number | String | 100 | No | X[X(99)] | Each record should have a unique transaction number so that if the waste transaction needs to be updated or cancelled, the transaction can be identified in the system. Transaction numbers have to be unique per site. | The docket number or ticket number for the waste delivery is recommended to be used as the transaction number. |
| Transaction date | Date/time | 10 | No | YYYY-MM-DD YYYY/MM/DD DD/MM/YYYY DD-MM-YYYY | The date the vehicle weighed in. | The Transaction date must be between the Levy period start date and Levy period end date in the header record. Section 2.3.2 Date/time shows example date values. Dates in the format MM/DD/YYYY will be loaded as-is and could cause the data file upload to fail or assign the wrong date for the transaction. |
| Transaction time | Date/time | 5 | No | hh:mm | The time the vehicle is weighed in. | 24 hour clock (am/pm NOT allowed, leading zero does not have to be provided). e.g. 09:00 or 9:00 |

| Column name | Data type | Max size | Null allowed | *Format | Description | Comment |
|----------------------|-----------|----------|--------------|---------|---|--|
| Internal vehicle | String | 1 | No | A | Indicates whether the vehicle with the payload is a vehicle that is owned or operated by the waste disposal site operator or by a third-party undertaking waste management activities on a regular basis on the waste disposal site. | Value: Y, N |
| Vehicle number plate | String | 7 | No | X[X(6)] | Number plate of the vehicle initiating the transaction. The characters comprising an official number plate issued by a government to identify a registered vehicle; or the characters comprising a unique identifier of an (unregistered) onsite vehicle. | Refer to Section 3.4.4 Bulk-up waste moved from transfer station disposal point to levyable waste disposal site for the Vehicle number plate to use for approved exempt waste that is part of a bulk-up waste movement. |
| Vehicle type | String | 1 | No | X | The type of vehicle that delivered the waste. | See Appendix A - Vehicle type codes. |
| Waste stream | String | 8 | No | X[X(7)] | The waste stream code. | See Appendix B - Waste stream codes Primarily used for deemed weights. When a weighbridge is used, this is still required. |
| Waste class | String | 8 | No | X[X(7)] | The waste class code. This relates to the line items on the Summary Return. | See Appendix C - Waste class codes Waste can only be classified as exempt from the waste levy where it is delivered in accordance with the conditions associated with a valid exemption certificate or general exemption. |

| Column name | Data type | Max size | Null allowed | *Format | Description | Comment |
|---------------|-----------|----------|--------------|---|---|---|
| Material type | String | 8 | No | X[X(7)] | The material type code. | See Appendix D - Material type codes |
| Permit | String | 20 | Yes | Disposal Permit format: X[X(7)] OR End of Waste Code Reference: X[X(19)] | Various permits issued by the department can be reported here. | A Disposal Permit is required when disposing of contaminated soil from land listed on the Environmental Management Register (EMR) or Contaminated Land Register (CLR). An End of Waste (EOW) Code Reference is required for all reportable movements of materials that are deemed a resource under an End of Waste Code and are reported as non-waste. |
| Gross weight | Number | 5,2 | Yes | [NN]N[.NN] | The laden weight of the vehicle or container measured in tonnes by a weighbridge. | When provided, must be greater zero. Tare weight and Net weight must also be provided. |
| Tare weight | Number | 5,2 | Yes | [NN]N[.NN] | The weight of the empty vehicle or container measured in tonnes by a weighbridge. | When provided, must be greater zero. Gross weight and Net weight must also be provided. |
| Net weight | Number | 5,2 | Yes | [NN]N[.NN] | The weight of the contents (i.e. the load) of the vehicle or container measured in tonnes by a weighbridge. | Zero is allowed when the net weight is too small for the weighbridge to record. e.g. 20kg Gross weight and Tare weight must be provided even when the Net weight is zero. When the Net weight is zero, then the Gross weight and Tare weight should be equal. |

| Column name | Data type | Max size | Null allowed | *Format | Description | Comment |
|----------------------------------|-----------|----------|--------------|------------|--|--|
| GVM or GCM or container capacity | Number | 5,2 | Yes | [NN]N[.NN] | Only to be used when a weighbridge is unavailable. When the payload's weight is deemed, this is the: Gross vehicle mass (GVM) in tonnes, or Gross combined mass (GCM) in tonnes, or Container capacity in cubic metres. | When provided, must be greater than zero. Container capacity should only be recorded when the vehicle is carrying containers (in other cases GVM or GCM is required). Deemed Weight must also be provided. See Appendix E - Deemed weight |
| Deemed weight | Number | 5,2 | Yes | [NN]N[.NN] | Only to be used when a weighbridge is unavailable. The deemed weight for the vehicle type is defined by the legislation. | See Appendix E - Deemed weight GVM or GCM or container capacity must also be provided. |
| Levy exemption number or code | String | 10 | Yes | [X(10)] | The exemption certificate number or general exemption code of waste delivered to the site. Waste can only be classified as exempt from the waste levy where it is delivered in accordance with the conditions associated with a valid exemption certificate or general exemption as defined in the legislation. | For exemptions in the legislation that do not require an exemption certificate, see Appendix F – General exemption codes. Note: Exemption certificate numbers differ to codes and will be issued by the department to applicants on a case-by-case basis. The recording of the exemption number or exemption code will be used by the department to confirm the exemption. |
| Source | String | 7 | No | A[X(6)] | Source of the load, on and off site. | See Appendix G - Waste source codes |
| Destination | String | 7 | No | A[X(6)] | Destination of the load, on and off site. | See Appendix H – Waste destination codes |

*For further explanation of the nomenclature used in the format column see Appendix I - Field format convention

Example: Waste and material movement record – vehicle (registration ABC123) delivers an 8.65 tonne load of untreated timber from an off site materials recycling or recovery facility located in the levy zone. The load is weighed in at the site on 10/08/2019 at 11:54am and is disposed to landfill. The docket number is 1000457.

D,C19999,1000457,2019-08-10,11:54,N,ABC123,D,CI,CI,TNT,,10.23,1.58,8.65,,,,LZ,DLF

More examples are in Section 3 – Examples.

2.4.4 Add a missing record

If a record is missed for a previous levy period, it can be added later.

The record format is the same as a waste and material movement record in Section 2.4.3.

The record type is A (for add a record) instead of D.

Example: Add a missing record – vehicle (registration 123XYZ) was missed in the July 2019 levy period. It delivered concrete from the levy zone. The load is weighed in at the site on 10/08/2019 at 7:04am and is disposed to landfill. The docket number is 1008125.

```
A,C19999,1008125,2019-08-10,7:04,N,123XYZ,H,CD,CD,C,,26.46,11.84,14.62,,,,LZ,DLF
```

A detailed example is in Section 3.5 - Add, update or cancel a record.

2.4.5 Update a record

If a record was reported incorrectly for a previous levy period, it can be updated later.

The record format is the same as a Waste and material movement record in Section 2.4.3.

The record type is U (for update a record) instead of D.

Example: Update record for transaction 16500236. For the July 2019 levy period, it was recorded that the load came from the levy zone when it actually came from interstate. The updated record is included in the August 2019 Detailed Data File.

```
U,C19999,16500236,2019-07-02,15:35,N,123BIN,H,CD,CD,MM,,26.46,11.84,14.62,,,,OI,DLF
```

A detailed example is in Section 3.5 - Add, update or cancel a record.

2.4.6 Cancel record

A record can be cancelled when it should never have been reported.

| Column name | Data type | Max size | Null allowed | *Format | Description | Comment |
|--------------------|-----------|----------|--------------|----------|---|--|
| Record type | String | 1 | No | A | Fixed value identifying the record as a waste and material movement record that is to be cancelled. | Value = C |
| Site identifier | String | 20 | No | X[X(19)] | The site identifier for the site that the transaction will be cancelled for. | Value = <Site_ID> It is prefixed with a C e.g. C19999 |
| Transaction number | String | 100 | No | X[X(99)] | The transaction number to be cancelled. | This must be a transaction number for a D record that has been submitted previously for the same site. |

Example: In the July 2019 Detailed Data File, it was reported that a load of glass was sent to landfill, when it was actually moved within the resource recovery area. The Transaction number is 353003 for Site Identifier C199999

C,C199999,353003

A detailed example is in Section 3.5 - Add, update or cancel a record.

2.4.7 Footer record

The Detailed Data File has one footer record on the last line.

| Column name | Data type | Max size | Null allowed | *Format | Description | Comment |
|--------------------|-----------|----------|--------------|---------|--|--|
| Record type | String | 1 | No | A | Fixed value identifying the footer record. | Value = F |
| Total site count | Number | 3 | No | N[N(2)] | The total number of unique site identifiers in the file. | Used for control purposes. This field is used to verify that records exist for each site. Where there are no waste and material movement or adjustment records in the file this value should be zero. |
| Total record count | Number | 10 | No | N[N(9)] | The total number of rows in the file. This includes the header record and footer record. | Used for control purposes. This field is used to verify that the number of records expected have all been received and processed. |

*For further explanation of the nomenclature used in the format column see Appendix I - Field format convention.

Example: Footer record – one site with 152 waste and material movement records, 1 updated record, 1 cancelled record plus the header and footer records.

F,1,156

2.4.8 Detailed Data File load order

It is important that all files are loaded in chronological order into the system. For example, if there are files for July 2019 and August 2019, then the July 2019 should be loaded first, then the August 2019 file. This is especially important when there are records that are to be added, updated or cancelled. Files loaded out of chronological order can affect the results when the system compares the Summary Return and Detailed Data Return.

3 Examples

This section has example records for various scenarios. To make the examples easier to read, the data is shown in a table instead of the CSV file format. The columns being discussed are highlighted in green. All the examples are shown in CSV format in Section 3.7 Example Detailed Data File.

3.1 Movements – Source and Destination

Figure 1 is a conceptual diagram showing the combination of waste and material movements to, from and within a site.

The legend explains the four types of movements. It is understood that the location of weighbridges on sites can vary and that levy zone includes either the Metropolitan or Regional levy zones. The key point here is the records in the Detailed Data File.

The diagram shows the expected usage (in purple text) for data codes in Appendix G – Waste source codes and Appendix H – Waste destination codes. Example records are on the next page.

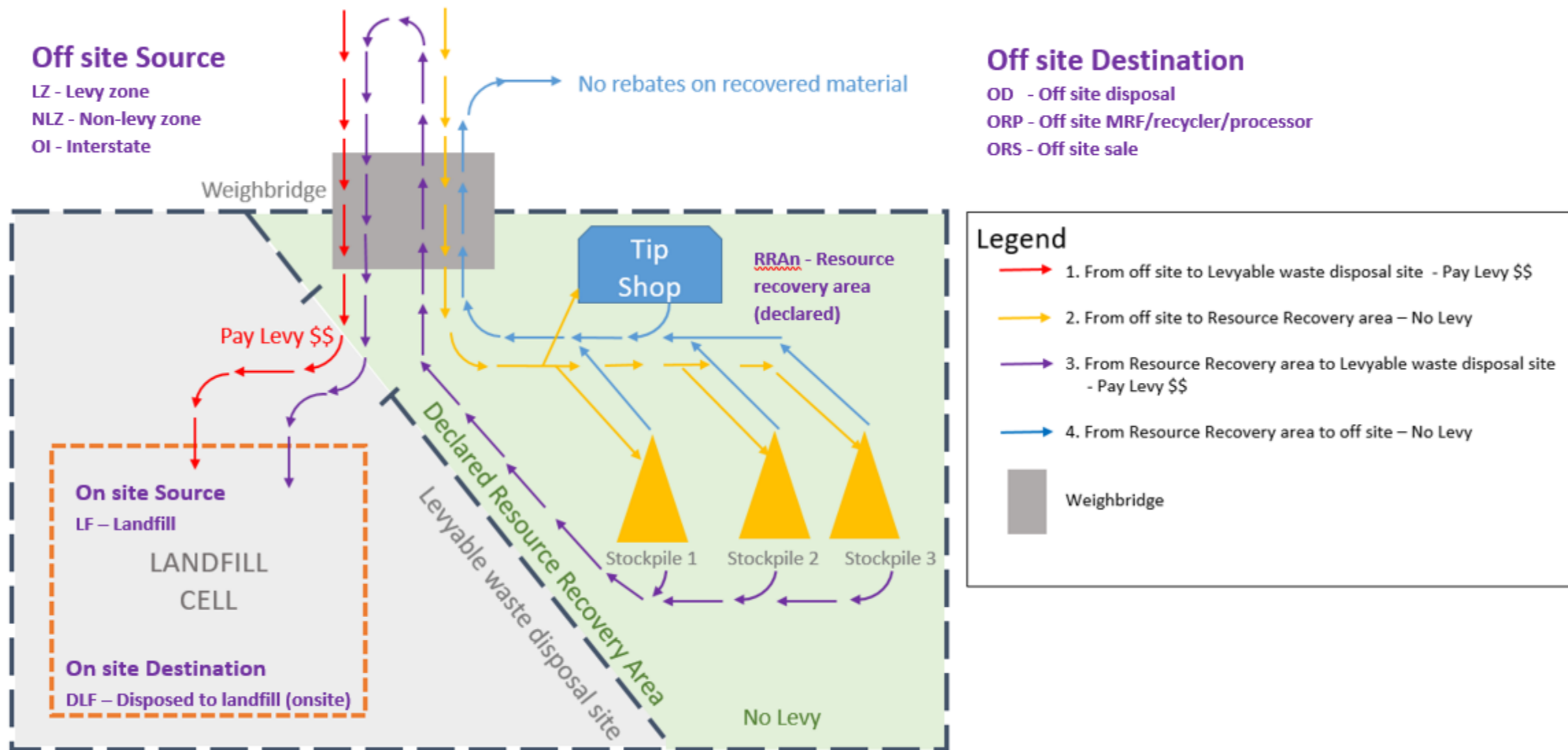


Figure 1. Waste and material movements – Conceptual View

1. From off site to Levyable waste disposal site

Row 1 is 100% Municipal solid waste (MSW) from red top bin collection done in the Metro levy zone and disposed to landfill.

Row 2 is Construction and demolition (CD) waste, which is 100% concrete delivered from interstate and disposed to landfill.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 311001 | 05/08/2019 | 9:00 | N | 554SIZ | K | MSW | MSW | MM | | 21.64 | 12.92 | 8.72 | | | | MLZ | DLF |
| D | C199999 | 311002 | 05/08/2019 | 10:30 | N | 123CON | H | CD | CD | C | | 27.36 | 12.3 | 15.06 | | | | OI | DLF |

2. From off site to Resource Recovery area

Glass from the Regional levy zone delivered to the resource recovery area.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 312001 | 05/08/2019 | 11:56 | N | 890IOP | H | CI | CI | G | | 14.78 | 13.98 | 0.8 | | | | RLZ | RRA1 |

3. From Resource Recovery area to Levyable waste disposal site

Glass fines from the onsite resource recovery area (RRA) are too contaminated for use and disposed to landfill.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 313001 | 15/08/2019 | 6:31 | Y | 012PQW | E | CI | CI | GF | | 2.44 | 2.2 | 0.24 | | | | RRA1 | DLF |

4. From Resource Recovery area to off site

Cardboard is transported from the onsite resource recovery area (RRA) to off site for processing.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 314001 | 16/08/2019 | 7:29 | N | 567TYU | H | CI | CI | CB | | 9.48 | 8.66 | 0.82 | | | | RRA1 | ORP |

5. From Levyable waste disposal site to off site

This example is for transporting leachate off site and is not shown on the diagram.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 315001 | 17/08/2019 | 8:17 | N | 456RTY | L | CI | NONE | LEACH | | 42.46 | 20.46 | 22 | | | | LF | OD |

3.2 Waste Class and Material type

Waste class relates directly to the appropriate waste levy classification and provides the basis for applying the applicable levy rate. For loads containing a headline waste class, the waste stream should be consistent. Household wastes delivered by residents or by council contracted collections should have a consistent source stream and waste class of MSW. Household wastes delivered by commercial operators or is a residue waste from a commercial process (.e.g. From a Materials Recovery Facility) should have a source stream and waste class of CI or CD as appropriate.

3.2.1 Single waste class load

Red top bin

100% Municipal solid waste from red top bin collection. It has mixed materials.

Refer to Appendix B – Waste stream codes, Appendix C – Waste class codes and Appendix D – Material type codes for the complete list of codes.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 321001 | 18/08/2019 | 9:00 | N | 554SIZ | K | MSW | MSW | MM | | 21.64 | 12.92 | 8.72 | | | | MLZ | DLF |

Blue top bin

100% paper from an office.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 321004 | 18/08/2019 | 12:19 | N | 288YAK | E | CI | CI | P | | 2.66 | 2.16 | 0.5 | | | | MLZ | RRA1 |

Regulated waste

Row 1 is pharmaceuticals, drugs and medicines. The default category is Regulated Waste Category 1. Where relevant, also provide Waste Tracking Certificate Numbers in Permit Field.

Row 2 is a vehicle which has a load of tyres and nothing else. Tyres are Regulated Waste Category 2. Where relevant, also provide Waste Tracking Certificate Numbers in Permit Field.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|----------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 321005 | 18/08/2019 | 13:45 | N | 123ASD | H | CI | RWCAT1 | PDM | Q0110011 | 21.8 | 16.4 | 5.4 | | | | MLZ | DLF |
| D | C199999 | 321006 | 18/08/2019 | 14:30 | N | 345ERT | G | CI | RWCAT2 | T | Q0110012 | 19.32 | 18.22 | 1.1 | | | | MLZ | DLF |

Contaminated soil

Disposal permit issued by the department for disposal of contaminated soil from land listed on the Environmental Management Register (EMR) or Contaminated Land Register (CLR).

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 321007 | 18/08/2019 | 16:00 | N | 887JKL | H | CD | CSPERMIT | CS | CLEB01234518 | 22.32 | 11.16 | 11.16 | | | | MLZ | DLF |

3.2.2 Mixed load: Same levy rate

For loads that are a mixture of Construction and demolition waste, Commercial and industrial waste and/or Municipal solid waste, there is one record for each waste type.

Mixed load: Municipal solid waste and Commercial and industrial waste

This is a mix of Municipal solid waste and Commercial and industrial waste from red top bin collection. It contains a variety of materials.

The net weight for the vehicle is 10.92 tonnes and the vehicle's GVM is 27.04 tonnes. The vehicle is part of fleet that regularly transports waste from site A, which is a transfer station only to site B which has a landfill

The estimated proportion by the Waste Disposal Site Operator for the two waste types are 85% Municipal solid waste and 15% Commercial and industrial waste.

Two records are required for the Detailed Data File. The percentages are applied to the Net weight. The Tare weight is calculated as Tare weight = Gross weight – Net weight.

Row 1 is Municipal solid waste with the Net weight calculated at 85%.

Row 2 is Commercial and industrial waste with the Net weight calculated at 15%.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight* | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|--------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 321008-1 | 19/08/2019 | 9:30 | N | 553QWE | K | MSW | MSW | MM | | 27.04 | 17.76 | 9.28 | | | | MLZ | DLF |
| D | C199999 | 321008-2 | 19/08/2019 | 9:30 | N | 553QWE | K | CI | CI | MM | | 27.04 | 25.4 | 1.64 | | | | MLZ | DLF |

Notes:

- The Transaction number must be unique. In the case where the same docket number or ticket number will be repeated for the rows, it is acceptable to add a prefix or suffix to make the transaction number unique.
- The Gross weight can be duplicated for each row.
- The Tare weight is calculated by subtraction: Tare weight = Gross weight – Net weight.

*In this situation, the department recognises that the Tare weight on each row will not be an accurate record of the Tare weight of the vehicle when it crossed the weighbridge.

3.2.3 Mixed load: Different levy rate

For loads that are a mixture of waste types with different levy rates, there is one record in the Detailed Data file. The waste class must be for the waste type that has the higher levy rate.

The exception to this is bulked-up waste that contains exempt waste when it is moved from a disposal point to a landfill cell in a levyable waste disposal site.

Refer to Section 3.4.4 Bulked-up waste moved from transfer station disposal point to levyable waste disposal site.

Mixed load: Regulated Waste

A vehicle has delivered various hazardous chemicals and twenty lead acid batteries. Chemical analysis of the hazardous chemicals confirms they are Regulated Waste Category 1. The lead acid batteries are Regulated Waste Category 2. Both materials are on the same vehicle and going to the levyable part of the site, therefore the higher levy rate will apply, which is Regulated Waste Category 1.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 323001 | 18/08/2019 | 14:30 | N | 345ERT | G | CI | RWCAT1 | HWO | | 19.32 | 18.22 | 1.1 | | | | MLZ | DLF |

3.3 Weights

Weights should be recorded by a weighbridge. Deemed weights are only used when the weighbridge is not working or the waste delivered cannot fit on the weighbridge e.g. an aircraft (see section 3.3.3). Refer to the legislation for further detail on the use of deeming.

3.3.1 Measurement by weighbridge

Weighbridge

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 331001 | 20/08/2019 | 9:00 | N | 234BNM | L | MSW | MSW | MM | | 32.08 | 24.9 | 7.18 | | | | MLZ | DLF |

Weighbridge – when the net weight does not register

When the net weight does not register because the amount is too small, still output the record in the Detailed Data File. The record will pass data validation when the gross weight and tare weight are equal and the net weight is zero.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 331002 | 20/08/2019 | 9:15 | N | 372BY | E | CI | CI | GW | | 1.54 | 1.54 | 0 | | | | MLZ | DLF |

3.3.2 Deemed weights

Deemed weight - vehicle

The vehicle type, waste stream and the GVM/GCM identify the deemed weight to use. Refer to Appendix E – Deemed Weights, Table 1 - GVM or GCM for delivery vehicles (other than vehicle carrying containers).

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 332001 | 20/08/2019 | 9:30 | N | 839PAP | K | MSW | MSW | MM | | | | | 21.5 | 5.25 | | MLZ | DLF |

Deemed weight – vehicle carrying containers

The container capacity and the waste stream identify the multiplier to use to calculate the deemed weight. Refer to Appendix E – Deemed Weights, Table 2 – Vehicle carrying containers.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 332002 | 20/08/2019 | 9:45 | N | 123SKP | M | CD | CD | MM | | | | | 10 | 2.5 | | MLZ | DLF |

3.3.3 Approved Agreed Way Methodology

Agreed Way Methodology (AWM) requires a methodology to be agreed by the department. Refer to the legislation (s60(3)) for further detail.

Where deeming has been agreed, the deemed weight must match the standard weight that has been agreed.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 371001 | 18/08/2019 | 9:00 | Y | 559SIZ | O | AWM | CD | B | | | | | 9 | 1 | | RRA | DLF |

3.4 Exemptions and Discounts

3.4.1 General Exemption

Appendix F – General exemption codes lists the type of exempt waste defined in the legislation.

Asbestos

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 341001 | 22/08/2019 | 9:00 | N | 321BIN | E | CI | EXGEN | ASB | | 2.4 | 2.16 | 0.24 | | | ASB | MLZ | DLF |

NOTE! The asbestos general exemption is not applicable to non-commercial loads of asbestos waste weighing over 175kg. This is an incorrect classification due to the absence of an environmental authority for an ERA 57 or waste tracking certificates.

Asbestos in Earth

Earth containing friable asbestos-containing material is exempt from the levy if it has been removed by the holder of an asbestos removal licence issued under the *Work Health and Safety Act 2011* or under another licence or authority that authorises the removal of friable asbestos under a law of another State. The exemption is determined by the operator of the receiving landfill.

For more information, refer to the Information Sheet: Queensland waste levy and asbestos waste disposed of in Queensland.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 341011 | 22/08/2019 | 9:00 | N | 321BIN | E | CI | EXGEN | CS | | 20 | 15 | 5 | | | ASB | MLZ | DLF |

Illegal dumping or littering waste

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 341002 | 22/08/2019 | 9:15 | N | 124XYZ | H | CI | EXGEN | MM | | 4.73 | 4.03 | 0.7 | | | IDLW | MLZ | DLF |

Waste from Norfolk Island Regional Council

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 341012 | 22/08/2019 | 9:00 | N | 654NIC | E | MSW | EXGEN | MM | | 2.4 | 2.16 | 0.24 | | | NIRC | NLZ | DLF |

3.4.2 Exemption Certificate

Some exemptions require an application to be approved by the department.

Exemption Certificate approved by the department for on-site operational purpose

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 342001 | 22/08/2019 | 13:00 | N | 125AHAH | J | CD | EXAPP | CC | | 4.5 | 3.2 | 1.3 | | | 191234OSOP | MLZ | DLF |

Exemption Certificate approved by the department for contaminated soil that is on the department's Environmental Management Register (EMR) or Contaminated Land Register (CLR)

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 342002 | 22/08/2019 | 14:00 | N | 124ABC | H | CI | EXAPP | CS | CLEB01234519 | 20 | 15 | 5 | | | 191234CSE | MLZ | DLF |

Note: A contaminated soil exemption needs to include both the relevant soil disposal permit number as well as the levy exemption number.

3.4.3 Discount

Certificate approved by the department for residue waste from recycling activities with approved discounts

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 342003 | 22/08/2019 | 15:00 | N | 999BIN | H | CI | RESDISC | GF | | 15 | 12.6 | 2.4 | | | 191234RESD | RRA1 | DLF |

3.4.4 Mixed load - exempt waste and non-exempt waste

In some cases, the waste delivered to a site is a mix of exempt waste and non-exempt waste. There could even be more than one type of exempt waste, particularly when the exempt waste requires an exemption certificate. To facilitate the correct reporting of exemption certificates once the waste is moved to the levyable part of the site, waste may be reported as per this example.

NOTE! General exempt waste should be classified at the point of entering the levyable part of the site.

Waste delivered to a push pit in the resource recovery area, then compacted and moved to landfill.

Charity waste is delivered on different days to the resource recovery area and then the following week is moved in one load with other waste to landfill. This is just one example.

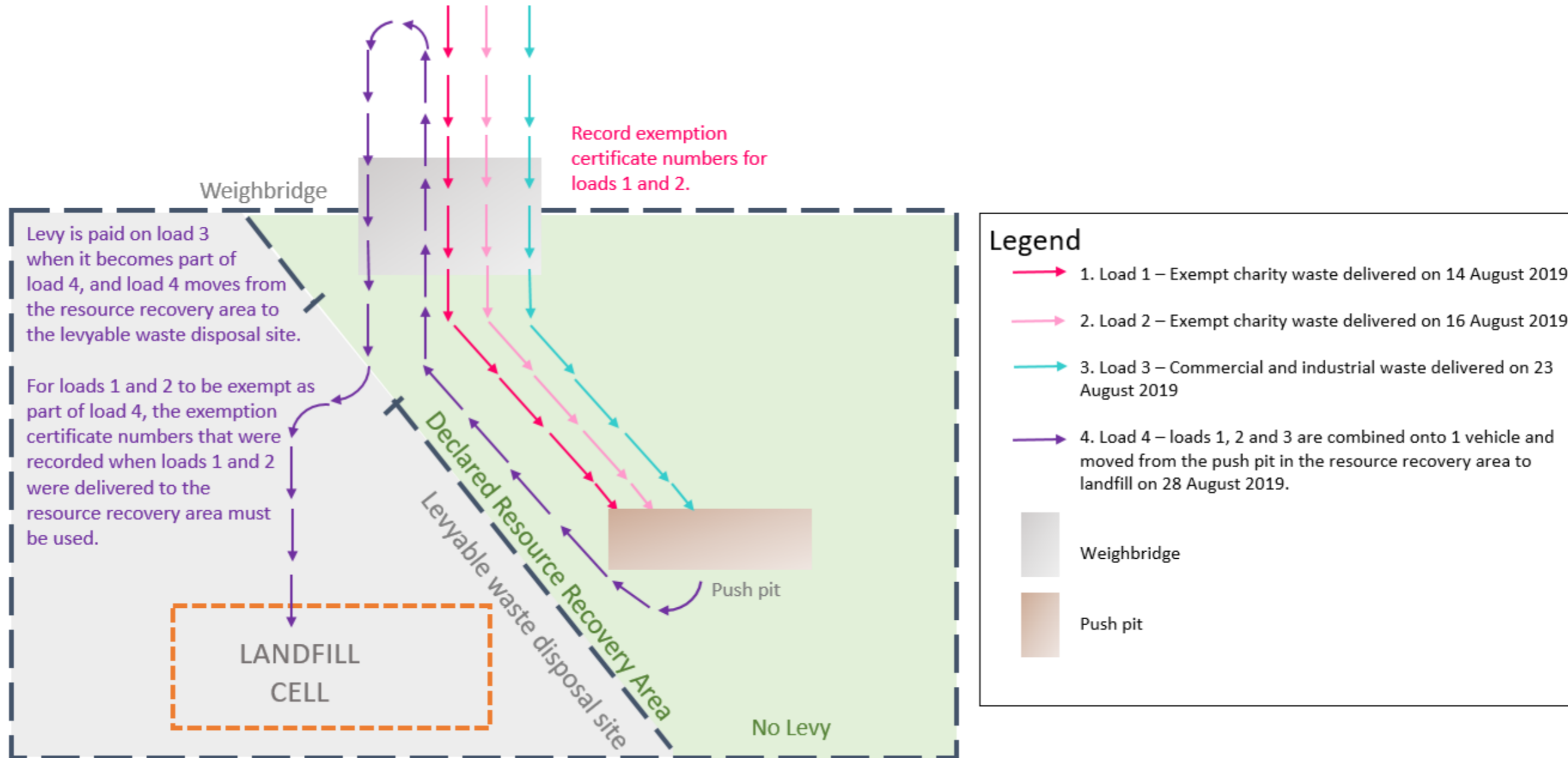


Figure 2 - Mixed load with exempt waste

1. Load 1 – Exempt charity waste delivered on 14 August 2019

Charity A. 140kg of mixed material was collected. Exemption certificate number is 190010CHAR. The waste is delivered to the resource recovery area.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 344001 | 14/08/2019 | 13:24 | N | 769RTI | H | CI | EXAPP | MM | | 12.54 | 12.4 | 0.14 | | | 190010CHAR | MLZ | RRA1 |

2. Load 2 - Exempt charity waste delivered on 16 August 2019

Charity B. 150kg of mixed material was collected. Exemption certificate number is 190325CHAR. The waste is delivered to the resource recovery area, 2 days after Charity A's delivery.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 344002 | 16/08/2019 | 09:00 | N | 386UIOP | H | CI | EXAPP | MM | | 11.9 | 11.75 | 0.15 | | | 190325CHAR | MLZ | RRA1 |

3. Load 3 – Commercial and industrial waste delivered on 23 August 2019

Bricks and tiles are delivered to the resource recovery area.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 344003 | 23/08/2019 | 6:31 | N | 012PQW | L | CI | CI | BT | | 43.7 | 19.65 | 24.05 | | | | MLZ | RRA1 |

4. Load 4 - Loads 1, 2 and 3 are combined onto 1 vehicle and moved from the push pit in the resource recovery area to landfill on 28 August 2019

To claim the exemption from the levy for the charity waste, each exemption certificate number must be provided.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight* | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|--------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 344004-1 | 28/08/2019 | 11:36 | Y | 267MKL | K | CI | EXAPP | MM | | 40 | 39.86 | 0.14 | | | 190010CHAR | RRA1 | DLF |
| D | C199999 | 344004-2 | 28/08/2019 | 11:36 | Y | 267MKL | K | CI | EXAPP | MM | | 40 | 39.85 | 0.15 | | | 190325CHAR | RRA1 | DLF |
| D | C199999 | 344004-3 | 28/08/2019 | 11:36 | Y | 267MKL | K | CI | CI | BT | | 40 | 15.95 | 24.05 | | | | RRA1 | DLF |

Notes:

- The Transaction number must be unique. In the case where the same docket number or ticket number will be repeated for the rows, it is acceptable to add a prefix or suffix to make the transaction number unique.
- The Gross weight can be duplicated for each row.
- The Tare weight is calculated by subtraction. Tare weight = Gross weight – Net weight.

*In this situation, the department recognises that the Tare weight on each row will not be an accurate record of the Tare weight of the vehicle when it crossed the weighbridge.

3.5 Update or cancel a record

Add a record

Row 1 was not provided in the July 2019 Detailed Data File. It has been added to the September 2019 Detailed Data File to make sure it gets reported.

The system will add the transaction to the site for the July 2019 period by using the Transaction Date and Site Identifier.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| A | C199999 | 351001 | 05/07/2019 | 13:00 | N | 123CCR | H | CD | CD | C | | 9.74 | 7.68 | 2.06 | | | | MLZ | DLF |

Update a record

Row 1 is the original record reported for July 2019. It was reported that the hazardous chemicals had waste class RWCAT2 - Regulated Waste – Category 2.

Row 2 is the corrected record and is reported in the levy Detailed Data File for August 2019. It should be RWCAT1 - Regulated Waste – Category 1 and it was received from the non-levy zone.

The system will update the transaction using the Transaction number and the Site identifier. It will check all columns from Transaction Date to Destination for differences and apply them. In this example, the system will change RWCAT2 to RWCAT1 for the Waste class column and MLZ to NLZ for the Source column.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 352002 | 16/07/2019 | 14:00 | N | 999HAZ | G | CI | RWCAT2 | HWC | | 19.32 | 18.22 | 1.1 | | | | MLZ | DLF |
| U | C199999 | 352002 | 16/07/2019 | 14:00 | N | 999HAZ | G | CI | RWCAT1 | HWC | | 19.32 | 18.22 | 1.1 | | | | NLZ | DLF |

Cancel a record

Row 1 is the original record reported for July 2019. It was reported that a load of glass was sent to landfill, when it was actually moved within the resource recovery area.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 353003 | 22/07/2019 | 15:00 | Y | 12GLASS | H | CI | CI | G | | 15 | 12.6 | 2.4 | | | | RRA1 | DLF |

Row 2 cancels row 1. Row 2 is reported in the levy Detailed Data File for August 2019. The system will cancel the transaction using the Transaction number and the Site identifier.

| Record type | Site identifier | Transaction number |
|-------------|-----------------|--------------------|
| C | C199999 | 353003 |

Combined example

The system can process multiple added, updated and cancelled records for different months in the one Detailed Data File.

October 2019 Detailed Data File

- Row 1 is a waste movement record for October 2019.
- Row 2 was not provided in the July 2019 Detailed Data File. It has been added to the October 2019 Detailed Data File to ensure it gets reported. The system will add the transaction to the site for the July 2019 period by using the Transaction Date and Site Identifier.
- Row 3 was not provided in the August 2019 Detailed Data File. It has been added to the October 2019 Detailed Data File to ensure it gets reported. The system will add the transaction to the site for the August 2019 period by using the Transaction Date and Site Identifier.
- Row 4 was in the August 2019 Detailed Data File but the Source code was incorrect. It should have been OI – Interstate. The system will update the Source code for the record in the August 2019 levy period by using the Site Identifier and Transaction Number.
- Row 5 was in the September 2019 Detailed Data File but should not have been included. The system will delete the record by using the Site Identifier and Transaction Number.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 354001 | 25/10/2019 | 08:00 | N | 349STF | H | MSW | MSW | MM | | 24.2 | 21.66 | 2.54 | | | | MLZ | DLF |
| A | C199999 | 353005 | 22/07/2019 | 15:00 | N | 811BEG | H | CD | CD | TNT | | 4.12 | 2.62 | 1.5 | | | | MLZ | DLF |
| A | C199999 | 353006 | 10/08/2019 | 11:30 | N | 606MYS | H | CD | CD | TT | | 13.4 | 10.22 | 3.18 | | | | MLZ | DLF |
| U | C199999 | 353890 | 12/08/2019 | 13:37 | N | 123UPD | H | CD | CD | C | | 19.16 | 10.5 | 8.66 | | | | OI | DLF |
| C | C199999 | 359870 | | | | | | | | | | | | | | | | | |

Notes:

- The records will be processed by the system in row order from the first row to the last row.
- A, U and C record types can be interspersed with the D record types.
- Updates to the Transaction Date where the month and/or year is changed, will assign the record to the correct new levy period. e.g. for row 4 above, if the Transaction Date was changed from 12/08/2019 to 14/07/2019 then the record would be reported as part of the July 2019 levy period instead of the August 2019 levy period.
- The file cannot have an A record type and C record type (Add and Cancel, or Cancel then Add) for the same Site Identifier and Transaction Number for the same levy period. This should be an update record (U record type) instead.
- The system will allow a record to be cancelled and then added the following month.
- To cancel a bulked-up waste movement transaction that has multiple rows (refer to section 3.2.2 Mixed load: Same levy rate), the transaction number for each row must be provided.

Changing records for mixed loads

The example transactions on this page are from sections 3.2.2 Mixed load: Same levy rate and 3.2.3 Mixed load: Different levy rate

Example 1: Replace 1 row that represents the entire load, with multiple rows for a bulked-up waste movement at the same levy rate

Cancel transaction 323001 and add new transactions for the bulked-up waste movement.

| Record type | Site identifier | Transaction number | | | | | | | | | | | | | | | | | |
|-------------|-----------------|--------------------|------------|-------|---|--------|---|-----|-----|----|--|-------|-------|-----|--|--|--|-----|-----|
| C | C199999 | 323001 | | | | | | | | | | | | | | | | | |
| A | C199999 | 323001-1 | 18/08/2019 | 14:30 | N | 345ERT | G | MSW | MSW | MM | | 19.32 | 18.72 | 0.6 | | | | MLZ | DLF |
| A | C199999 | 323001-2 | 18/08/2019 | 14:30 | N | 345ERT | G | CI | CI | MM | | 19.32 | 18.82 | 0.5 | | | | MLZ | DLF |

Example 2: Replace the bulked-up waste movement rows with 1 row for the entire load.

Cancel transactions 321008-1 and 321008-2 for the bulked-up waste movement and add the new transaction. The new transaction could be for a single waste class load (section 3.2.1) or a mixed load at a different levy rate (section 3.2.3).

| Record type | Site identifier | Transaction number | | | | | | | | | | | | | | | | | |
|-------------|-----------------|--------------------|------------|------|---|--------|---|----|--------|-----|--|-------|-------|-------|--|--|--|-----|-----|
| C | C199999 | 321008-1 | | | | | | | | | | | | | | | | | |
| C | C199999 | 321008-2 | | | | | | | | | | | | | | | | | |
| A | C199999 | 321008 | 19/08/2019 | 9:30 | N | 553QWE | K | CI | RWCAT1 | HWO | | 27.04 | 16.12 | 10.92 | | | | MLZ | DLF |

3.6 Material other than waste (Non-waste)

Non-waste that is over 1 tonne which is delivered to, moved within or removed from the waste disposal site must be reported. Refer to Appendix J – Non-waste that is over 1 tonne for more information on which non-waste or other materials fall into this category. Examples are on the next page.

Off site Source

- LZ - Levy zone
- NLZ - Non-levy zone
- OI - Interstate

Off site Destination

- OD - Off site disposal
- ORP - Off site MRF/recycler/processor
- ORS - Off site sale

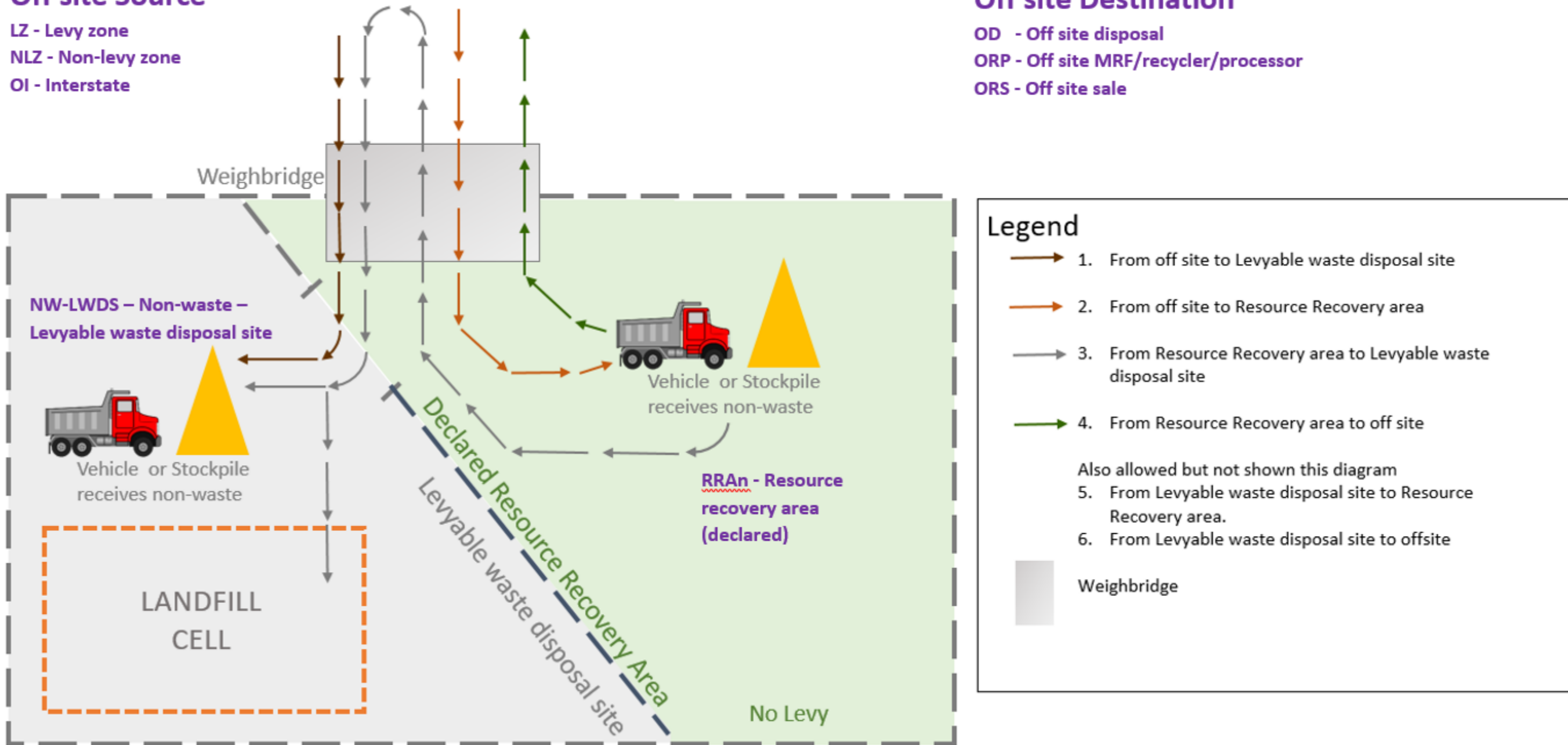


Figure 3. Non-waste movements - Conceptual View

The diagram shows the expected usage (in purple text) for data codes in Appendix G – Waste source codes and Appendix H – Waste destination codes.

Example

Fuel tanker delivers fuel to on-site vehicles that are located in the levyable waste disposal site.

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 361001 | 18/08/2019 | 16:00 | N | 345FUEL | L | NW | NW | NW | | 31.5 | 13.78 | 17.72 | | | | MLZ | NW-LWDS |

Waste is received to the resource recovery area (line 1), processed under an end of waste code and is then sold offsite to a registered resource user (line 2).

| Record type | Site identifier | Transaction number | Transaction date | Transaction time | Internal vehicle | Vehicle number plate | Vehicle type | Waste stream | Waste class | Material type | Permit | Gross weight | Tare weight | Net weight | GVM or GCM or container capacity | Deemed weight | Levy exemption number or code | Source | Destination |
|-------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|--------------|--------------|-------------|---------------|--------------|--------------|-------------|------------|----------------------------------|---------------|-------------------------------|--------|-------------|
| D | C199999 | 361002 | 18/08/2019 | 16:00 | N | 345PLS | L | CI | CI | PF | | 31.5 | 13.78 | 17.72 | | | | MLZ | RRA1 |
| D | C199999 | 362002 | 18/09/2019 | 09:00 | N | 543PNW | L | NW | NW | EOW | ENEW07618819 | 31.5 | 14.38 | 17.12 | | | | RRA1 | ORS |

Notes:

- All non-waste movements must have the NW – Non-waste code for the Waste stream, Waste class and Material type; except where the end of waste code is required.
- If non waste is delivered only to the resource recovery area, the destination must be recorded as the resource recovery area.
- If non waste is delivered to the resource recovery area and the levyable waste disposal site in one trip, the destination must be recorded as the levyable waste disposal site.

These movements are classified as non-waste:

- Materials that do not meet the definition of waste under the *Environmental Protection Act 1994*.
- 'Resources' under an approved and current end of waste code only after waste has been processed or recovered in line with the relevant end of waste code.
 - Note: if the resource is not used in accordance with the EOW code or approval, it is deemed to be a waste.
- Deliveries of building or construction materials, including fuel and equipment.

These movements are not classified as non-waste:

- Waste that is brought to site for processing under an end of waste code (from offsite to resource recovery area movement).
- Waste movement from a resource recovery area to offsite sale or processing, where an end of waste code does not apply.
- Clean earth
 - This is a general exemption. Refer to section 3.4.1 General Exemption.
- On-site operational purpose exempt material.
 - Refer to the *Exemption Certificate approved by the department for on-site operational purpose* example in section 3.4.2 Exemption Certificate.

3.7 Example Detailed Data File

Rows are in order as they are presented in Sections 3.1 to 3.4, and Section 3.6. Rows from Section 3.5 Add, update or cancel a record are not included in this example.

| Scenario | Record |
|--|---|
| Header row | H,LEVY,3.0,W123456,01/08/2019,31/08/2019 |
| From off site to levyable waste disposal site – row 1 | D,C199999,311001,05/08/2019,9:00,N,554SIZ,K,MSW,MSW,MM,,21.64,12.92,8.72,,,,MLZ,DLF |
| From off site to levyable waste disposal site – row 2 | D,C199999,311002,05/08/2019,10:30,N,123CON,H,CD,CD,C,,27.36,12.3,15.06,,,,OI,DLF |
| From off site to resource recovery area | D,C199999,312001,05/08/2019,11:56,N,890IOP,H,CI,CI,G,,14.78,13.98,0.8,,,,RLZ,RRA1 |
| From resource recovery area to levyable waste disposal site | D,C199999,313001,15/08/2019,6:31,Y,012PQW,E,CI,CI,GF,,2.44,2.2,0.24,,,,RRA1,DLF |
| From resource recovery area to off site | D,C199999,314001,16/08/2019,7:29,N,567TYU,H,CI,CI,CB,,9.48,8.66,0.82,,,,RRA1,ORP |
| From levyable waste disposal site to off site | D,C199999,315001,17/08/2019,8:17,N,456RTY,L,CI,NONE,LEACH,,42.46,20.46,22,,,,MLF,OD |
| Single load: Red top bin | D,C199999,321001,18/08/2019,9:00,N,554SIZ,K,MSW,MSW,MM,,21.64,12.92,8.72,,,,MLZ,DLF |
| Single load: Blue top bin | D,C199999,321004,18/08/2019,12:19,N,288YAK,E,CI,CI,P,,2.66,2.16,0.5,,,,MLZ,RRA1 |
| Single load: Regulated waste – row 1 | D,C199999,321005,18/08/2019,13:45,N,123ASD,H,CI,RWCAT1,PDM,,21.8,16.4,5.4,,,,MLZ,DLF |
| Single load: Regulated waste – row 2 | D,C199999,321006,18/08/2019,14:30,N,345ERT,G,CI,RWCAT2,T,,19.32,18.22,1.1,,,,MLZ,DLF |
| Single load: Contaminated soil | D,C199999,321007,18/08/2019,16:00,N,887JKL,H,CD,CSPERMIT,CS,CLEB01234518,22.32,11.16,11.16,,,,MLZ,DLF |
| Mixed load: Same levy rate - Municipal solid waste and Commercial and industrial waste - row 1 | D,C199999,321008-1,19/08/2019,9:30,N,553QWE,K,MSW,MSW,MM,,27.04,17.76,9.28,,,,MLZ,DLF |
| Mixed load: Same levy rate - Municipal solid waste and Commercial and industrial waste - row 2 | D,C199999,321008-2,19/08/2019,9:30,N,553QWE,K,CI,CI,MM,,27.04,25.4,1.64,,,,MLZ,DLF |
| Mixed load: Different levy rate - Regulated Waste | D,C199999,323001,18/08/2019,14:30,N,345ERT,G,CI,RWCAT1,HWO,,19.32,18.22,1.1,,,,MLZ,DLF |
| Weighbridge | D,C199999,331001,20/08/2019,9:00,N,234BNM,L,MSW,MSW,MM,,32.08,24.9,7.18,,,,MLZ,DLF |
| Weighbridge – when the net weight does not register | D,C199999,331002,20/08/2019,9:15,N,372BY,E,CI,CI,GW,,1.54,1.54,0,,,,MLZ,DLF |
| Deemed weight - vehicle | D,C199999,332001,20/08/2019,9:30,N,839PAP,K,MSW,MSW,MM,,,,21.5,5.25,,MLZ,DLF |
| Deemed weight – vehicle carrying containers | D,C199999,332002,20/08/2019,9:45,N,123SKP,M,CD,CD,MM,,,,10,2.5,,MLZ,DLF |
| Asbestos | D,C199999,341001,22/08/2019,9:00,N,321BIN,E,CI,EXGEN,ASB,,2.4,2.16,0.24,,ASB,MLZ,DLF |
| Illegal dumping or littering waste | D,C199999,341002,22/08/2019,9:15,N,124XYZ,H,CI,EXGEN,MM,,4.73,4.03,0.7,,IDLW,MLZ,DLF |
| Exemption Certificate approved by the department for on-site operational use | D,C199999,342001,22/08/2019,13:00,N,125AHAH,J,CD,EXAPP,CC,,4.5,3.2,1.3,,191234OSOP,MLZ,DLF |
| Exemption Certificate approved by the department for contaminated soil that is on the department's Environmental Management Register (EMR) or Contaminated Land Register (CLR) | D,C199999,342002,22/08/2019,14:00,N,124ABC,H,CI,EXAPP,CS,CLEB01234519,20,15,5,,191234CSE,MLZ,DLF |
| Certificate approved by the department for residue waste from recycling activities with approved discounts | D,C199999,342003,22/08/2019,15:00,N,999BIN,H,CI,RESDISC,GF,,15,12.6,2.4,,191234RESD,RRA1,DLF |
| Mixed exempt waste - Load 1 – Exempt charity waste delivered on 14 August 2019 | D,C199999,344001,14/08/2019,13:24,N,769RTI,H,CI,EXAPP,MM,,12.54,12.4,0.14,,190010CHAR,MLZ,RRA1 |
| Mixed exempt waste - Load 2 - Exempt charity waste delivered on 16 August 2019 | D,C199999,344002,16/08/2019,9:00,N,386UIOP,H,CI,EXAPP,MM,,11.9,11.75,0.15,,190325CHAR,MLZ,RRA1 |
| Mixed exempt waste - Load 3 – Commercial and industrial waste delivered on 23 August 219 | D,C199999,344003,23/08/2019,6:31,N,012PQW,L,CI,CI,BT,,43.7,19.65,24.05,,,,MLZ,RRA1 |
| Mixed exempt waste - Load 4 - Loads 1, 2 and 3 combined onto 1 vehicle from resource recovery area to landfill on 28 August 2019 - row 1 | D,C199999,344004-1,28/08/2019,11:36,Y,267MKL,K,CI,EXAPP,MM,,40,39.86,0.14,,190010CHAR,RRA1,DLF |

| Scenario | Record |
|--|---|
| Mixed exempt waste - Load 4 - Loads 1, 2 and 3 combined onto 1 vehicle from resource recovery area to landfill on 28 August 2019 - row 2 | D,C199999,344004-2,28/08/2019,11:36,Y,267MKL,K,CI,EXAPP,MM,,40,39.85,0.15,,,190325CHAR,RRA1,DLF |
| Mixed exempt waste - Load 4 - Loads 1, 2 and 3 combined onto 1 vehicle from resource recovery area to landfill on 28 August 2019 - row 3 | D,C199999,344004-3,28/08/2019,11:36,Y,267MKL,K,CI,CI,BT,,40,15.95,24.05,,,RRA1,DLF |
| Material other than waste (Non-waste) | D,C199999,361001,18/08/2019,16:00,N,345FUEL,L,NW,NW,NW,,31.5,13.78,17.72,,,MLZ,NW-LWDS |
| Adding new record from earlier reporting period | A,C199999,353005,22/07/2019,15:00,N,811BEG,H,CD,CD,TNT,,4.12,2.62,1.5,,,MLZ,DLF |
| Updating record from earlier reporting period | U,C199999,353006,23/07/2019,16:23,N,606MYS,H,CD,CD,C,,13.4,10.22,3.18,,,OI,DLF |
| Cancelling record from earlier reporting period | C,C199999,359870 |
| Footer row | F,1,35 |

Appendix A - Vehicle type codes

| Code | Description | Notes |
|------|--|---|
| A | car | |
| B | car towing a trailer | |
| E | van or ute | |
| F | van or ute towing a trailer | |
| J | light commercial vehicle | |
| K | compactor truck | |
| H | rigid truck | |
| G | rigid truck towing a trailer | |
| L | articulated motor vehicle | |
| M | vehicle carrying containers | |
| N | vehicle carrying containers (Deeming) - container is 0 to 50% full | <p>Only to be used for deemed weights.</p> <p>When a vehicle carrying a container is measured by a weighbridge, use vehicle code M regardless of the volume of waste in the container.</p> <p>e.g. skip bin or agricultural bin.</p> |
| O | vehicle using NMI verified instrument | <p>The vehicle measures waste or material using an agreed way methodology agreed by the operator and the chief executive in writing.</p> <p>This includes when the vehicle moving from the resource recovery area to the levyable part of the site was loaded by another vehicle that uses an agreed way methodology.</p> <p>The vehicle must have a verified instrument as per the National Measurement Institute (NMI) standards.</p> |

Appendix B - Waste stream codes

| Code | Description | Notes |
|------|-----------------------------------|--|
| AWM | Agreed way methodology | <p>Only to be used when <i>Waste Reduction and Recycling Regulation 2011</i>, section 60 (3) applies</p> <p><i>However, if it is not practicable to use the weighbridge to measure and record a particular amount of waste or other material, the operator may measure and record the waste in the way the operator and the chief executive agree to in writing.</i></p> <p>The AWM code informs the system not to check for the deemed weights outlined in Appendix E – Deemed weight.</p> |
| CD | Construction and demolition waste | Use when waste delivered by the vehicle is Construction and demolition waste. |
| CI | Commercial and industrial waste | <p>Use when</p> <ol style="list-style-type: none"> 1. Waste delivered by the vehicle is Commercial and industrial waste 2. Waste is moved from the resource recovery area to be transported off site. |
| ML | Mass limit | <p>Only to be used when <i>Waste Reduction and Recycling Regulation 2011</i>, section 11K (4) applies</p> <p><i>However, if the weight of the waste or other material for subsection (3) is more than the mass limit applying to the vehicle under the Heavy Vehicle (Mass, Dimension and Loading) National Regulation, schedules 1 and 2 (the mass limit of the vehicle), the weight of the waste or other material is taken to be the mass limit of the vehicle.</i></p> <p>The ML code informs the system not to check for the deemed weights outlined in Appendix E – Deemed weight.</p> |
| MSW | Municipal solid waste | Use when waste delivered by the vehicle is Municipal solid waste. |

| Code | Description | Notes |
|------|-------------|---|
| NW | Non-waste | Use when the net weight of the non-waste (material other than waste) load is more than 1 tonne. Refer to Appendix J – Non-waste that is over 1 tonne. |

Appendix C - Waste class codes

| Code | Description | Notes |
|----------|--|--|
| CD | Construction and demolition waste | <p>Use when waste delivered by the vehicle is Construction and demolition waste.</p> <p>Must also use CD waste stream code.</p> |
| CI | Commercial and industrial waste | <p>Use when waste delivered by the vehicle is Commercial and industrial waste.</p> <p>Must also use CI waste stream code.</p> |
| CSPERMIT | Contaminated soil with disposal permit | <p>Only to be used when a soil disposal permit has been issued by the department for the disposal of contaminated soil from land listed on the Environmental Management Register (EMR) or Contaminated Land Register (CLR).</p> <p>If no soil disposal permit has been issued, use the relevant regulated waste category waste class code.</p> |
| EXAPP | Waste with approved levy exemption | <p>Only to be used when an Exemption Certificate number is in the <i>Levy Exemption Number or Code</i> column.</p> <p>This applies to all certificates except for certificates with the RESD suffix.</p> <p>RESD is used for residue waste discount certificates and require the <i>RESDISC - Residue waste from recycling activities with approved discounts</i> waste class.</p> |
| EXGEN | Waste with general levy exemption | <p>Only to be used when a general exemption code is in the <i>Levy Exemption Number or Code</i> column.</p> <p>Refer to Appendix F – General exemption codes.</p> |

| Code | Description | Notes |
|--------|---|--|
| MSW | Municipal solid waste | Use when waste delivered by the vehicle is Municipal solid waste. Must also use MSW waste stream code. |
| NW | Non-waste | Use when the net weight of the non-waste (material other than waste) load is more than 1 tonne. Refer to Appendix J – Non-waste that is over 1 tonne. |
| NONE | Detailed Data Return Only | This is to be used for material that is removed from the levyable part of the site. e.g. leachate removed from landfill and taken offsite for treatment. |
| RDRWC1 | Discounted Residue Waste - Regulated waste - Category 1 | Only to be used when the department has issued a certificate to approve the discount on the levy rate and the material or load is classified as regulated waste category 1. The certificate number will have the suffix RESD. Certificates with an RESE suffix should use the <i>EXAPP - Waste with approved levy exemption</i> waste class. |
| RDRWC2 | Discounted Residue Waste - Regulated waste - Category 2 | Only to be used when the department has issued a certificate to approve the discount on the levy rate and the material or load is classified as regulated waste category 2. The certificate number will have the suffix RESD. Certificates with an RESE suffix should use the <i>EXAPP - Waste with approved levy exemption</i> waste class. |

| Code | Description | Notes |
|---------|---|--|
| RESDISC | Residue waste from recycling activities with approved discounts | <p>Only to be used when the department has issued a certificate to approve the discount on the levy rate.</p> <p>The certificate number will have the suffix RESD.</p> <p>Certificates with an RESE suffix should use the <i>EXAPP - Waste with approved levy exemption</i> waste class.</p> |
| RWCAT1 | Regulated Waste – Category 1 | <p>Use when the material is identified as Regulated Waste Category 1 in the Environmental Protection Regulation and the material is not exempt from the levy.</p> <p>e.g. Pharmaceuticals, drugs and medicines that are identified in the Regulation and are not exempt.</p> |
| RWCAT2 | Regulated Waste – Category 2 | <p>Use when the material is identified as Regulated Waste Category 2 in the Environmental Protection Regulation and the material is not exempt from the levy.</p> <p>e.g. Mineral oils that are identified in the Regulation and are not exempt.</p> |

Appendix D - Material type codes

There can only be 1 record in the Detailed Data File for each movement per waste class. When there are multiple materials use one of these:

- MM - Mixed materials.
- CMR - Co-mingled recycling
- HWC - Hazardous waste - chemicals
- HWO - Hazardous waste – other

If the load has only 1 type of material then a specific material code can be provided.

| Code | Description | Notes |
|------|--------------------------------------|--|
| ACW | Animal carcass waste | |
| ASB | Asbestos | This is the same as waste (tracking) code, N220 – Asbestos in the Environmental Protection Regulation. This does not include contaminated soil that contains asbestos. Use CS – Contaminated soil instead. |
| ASPH | Asphalt | |
| ASS | Acid sulphate soil | acid sulfate soil means soil or sediment containing iron sulfides that produces sulphuric acid when exposed to air. |
| AW | Abattoir waste (excluding carcasses) | |
| BI | Biosolids | |
| BT | Bricks, tiles and other ceramics | |
| C | Concrete | |
| CB | Cardboard | |
| CC | Crushed concrete | |

| Code | Description | Notes |
|------|-----------------------------|--|
| CE | Clean earth | <p>clean earth means earth that is not contaminated with waste or otherwise contaminated with a hazardous contaminant.</p> <p>earth means natural materials such as clay, gravel, sand, soil and rock.</p> <p>When the clean earth contains acid sulfate soil use ASS – Acid sulfate soil.</p> |
| CHC | Chemical containers | |
| CMR | Co-mingled recycling | <p>Use this when the load only contains co-mingled recycling.</p> <p>e.g. a mixture of glass bottles, paper, aluminium and steel cans, recyclable packaging.</p> |
| CS | Contaminated soil | Includes contaminated soil that contains asbestos. |
| CW | Clinical and related wastes | This is the same as waste (tracking) code R100 – Clinical and related wastes in the Environmental Protection Regulation. |
| DS | Dredge spoil | <p>dredge spoil means natural material that has been removed from a waterway—</p> <p>(a) for the purpose of creating, maintaining or enlarging a channel, basin, port, berth or other similar thing; or</p> <p>(b) to undertake flood mitigation activities in naturally occurring surface waters.</p> <p>When the dredge spoil contains acid sulfate soil use ASS – Acid sulfate soil.</p> |
| EOW | End of Waste | Use where non-waste is a resource under the end of waste framework. |
| EW | E-waste | |
| FA | Fly ash | This is the same as waste (tracking) code, N150 – Fly ash in the Environmental Protection Regulation. |
| FM | Ferrous metal | |

| Code | Description | Notes |
|--------|----------------------------------|---|
| FO | Food organics | |
| G | Glass | |
| GF | Glass fines | |
| GW | Green waste | |
| HDPE | High density polyethylene (HDPE) | |
| HWC | Hazardous waste - chemicals | |
| HWO | Hazardous waste - other | |
| L | Leather | |
| LAB | Lead acid batteries | This is the same as waste (tracking) code D220 - Lead and lead compounds including lead acid batteries (intact) in the Environmental Protection Regulation. |
| LDPE | Low density polyethylene (LDPE) | |
| LEACH | Leachate | Can be used when leachate is removed from landfill. |
| LPB | Liquid paperboard (LPB) | |
| ME | Mixed Earth | <p>Mixed Earth means earth that is contaminated with inert waste such as green waste or inert construction and demolition waste; AND</p> <p>Is otherwise not contaminated with a hazardous contaminant.</p> <p>earth means natural materials such as clay, gravel, sand, soil and rock.</p> <p>When the mixed earth contains acid sulfate soil use ASS – Acid sulfate soil.</p> |
| MINOIL | Mineral oils | This is the same as waste (tracking) code J100 – Mineral oils in the Environmental Protection Regulation. |

| Code | Description | Notes |
|----------|--|---|
| MM | Mixed materials | Use this when the load has more than 1 material and is not co-mingled recycling. For any mixed materials that have been subject to a recycling or recovery process, use code RESID. For mixed regulated waste, use material type code Hazardous Waste – other or Hazardous waste – chemicals. |
| MP | Mixed plastics | |
| MUDSLUDG | Mud/Sludge (not Clean earth / Dredge spoil / Contaminated soil) | |
| NW | Non-waste | Use when the net weight of the non-waste (material other than waste) load is more than 1 tonne. Refer to Appendix J – Non-waste that is over 1 tonne. For end of waste resources, use material type End of Waste. |
| NF | Non-ferrous metals | |
| OB | Other batteries | |
| OO | Organics – other | Includes cotton gin trash, farm organics and grease trap waste. |
| OW | Other waste | Only to be used when the load has 1 material and the material cannot be found on this list. |
| P | Paper | |
| PDM | Pharmaceuticals, drugs and medicines | This is the same as waste (tracking) code R120 – Pharmaceuticals, drugs and medicines in the Environmental Protection Regulation. |
| PET | Polyethylene terephthalate (PET) | |

| Code | Description | Notes |
|--------|--|---|
| PF | Plasterboard / Fibre cement | |
| POTH | Plastics - other | Includes plastic veneer, imitation timber and concrete product, acrylic, fibreglass, nylon, polycarbonate. |
| PP | Polypropylene (PP) | |
| PS | Polystyrene (PS) | |
| PVC | Polyvinyl chloride (PVC) | |
| PVM | Photovoltaic Materials | |
| QUAR | Quarantine waste | Can be used for bio-security waste. e.g. fire ants. |
| RESID | Residue waste from recycling activities | |
| RUB | Rubber | |
| T | Tyres | This is the same as waste (tracking) code T140 – Tyres in the Environmental Protection Regulation. |
| TEXT | Textiles | Includes carpets, clothing and curtains. |
| TNT | Timber – non treated | |
| TT | Treated timber, other than sawdust or shavings | Defined as <u>not</u> regulated waste in the Environmental Protection Regulation. |
| TTSS | Treated timber sawdust and shavings | Defined as regulated waste in the Environmental Protection Regulation. Transactions for this waste should have a waste class of MSW, CI or CD to reflect the standard levy rate, as per the <i>Waste Reduction and Recycling Regulation 2011</i> . |
| VEGOIL | Vegetable oils | |
| WWIG | Waste water - irrigation and general water use | |

| Code | Description | Notes |
|------|--|-------|
| WWLD | Waste water – livestock drinking water | |

Appendix E - Deemed weight

Table 1 GVM or GCM for delivery vehicles (other than vehicle carrying containers)

Note: When the load has a mix of waste streams that gives more than 1 deemed weight, use the higher deemed weight. This applies to light commercial vehicles and rigid trucks.

| Vehicle code | Vehicle type | Waste stream code | GVM or GCM (t) | | | | | | | | |
|--------------|----------------------|-------------------|----------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | ≤4.5 | >4.5 ≤10.0 | >10.0 ≤16.0 | >16.0 ≤23.5 | >23.5 ≤28.0 | >28.0 ≤40.0 | >40.0 ≤43.5 | >43.5 ≤51.0 | >51.0 |
| A | car | MSW | 0.05 | — | — | — | — | — | — | — | — |
| | | CI | 0.05 | — | — | — | — | — | — | — | — |
| | | CD | 0.05 | — | — | — | — | — | — | — | — |
| B | car towing a trailer | MSW | 0.25 | — | — | — | — | — | — | — | — |
| | | CI | 0.25 | — | — | — | — | — | — | — | — |
| | | CD | 0.25 | — | — | — | — | — | — | — | — |

| Vehicle code | Vehicle type | Waste stream code | GVM or GCM (t) | | | | | | | | |
|--------------|-----------------------------|-------------------|----------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | ≤4.5 | >4.5 ≤10.0 | >10.0 ≤16.0 | >16.0 ≤23.5 | >23.5 ≤28.0 | >28.0 ≤40.0 | >40.0 ≤43.5 | >43.5 ≤51.0 | >51.0 |
| E | van or ute | MSW | 0.2 | — | — | — | — | — | — | — | — |
| | | CI | 0.2 | — | — | — | — | — | — | — | — |
| | | CD | 0.2 | — | — | — | — | — | — | — | — |
| F | van or ute towing a trailer | MSW | 0.4 | — | — | — | — | — | — | — | — |
| | | CI | 0.4 | — | — | — | — | — | — | — | — |
| | | CD | 0.4 | — | — | — | — | — | — | — | — |
| J | light commercial vehicle | MSW | 0.75 | — | — | — | — | — | — | — | — |
| | | CI | 0.75 | — | — | — | — | — | — | — | — |
| | | CD | 1.25 | — | — | — | — | — | — | — | — |
| | | NW | 0.75 | — | — | — | — | — | — | — | — |

| Vehicle code | Vehicle type | Waste stream code | GVM or GCM (t) | | | | | | | | |
|--------------|------------------------------|-------------------|----------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | ≤4.5 | >4.5 ≤10.0 | >10.0 ≤16.0 | >16.0 ≤23.5 | >23.5 ≤28.0 | >28.0 ≤40.0 | >40.0 ≤43.5 | >43.5 ≤51.0 | >51.0 |
| K | compactor truck | MSW | — | 1.0 | 2.25 | 5.25 | 9.5 | 13.25 | — | — | — |
| | | CI | — | 1.0 | 2.25 | 5.25 | 9.5 | 13.25 | — | — | — |
| | | CD | — | 1.0 | 2.25 | 5.25 | 9.5 | 13.25 | — | — | — |
| | | NW | — | 1.0 | 2.25 | 5.25 | 9.5 | 13.25 | — | — | — |
| H | rigid truck | MSW | — | 1.75 | 3.25 | 5 | 8.75 | 12.5 | — | — | — |
| | | CI | — | 1.75 | 3.25 | 5 | 8.75 | 12.5 | — | — | — |
| | | CD | — | 3.75 | 7 | 11 | 13.75 | 19.75 | — | — | — |
| | | NW | — | 1.75 | 3.25 | 5 | 8.75 | 12.5 | — | — | — |
| G | rigid truck towing a trailer | MSW | — | 1 | 3 | 8 | 12 | 21 | 24.75 | 30.5 | 41 |
| | | CI | — | 1 | 3 | 8 | 12 | 21 | 24.75 | 30.5 | 41 |
| | | CD | — | 1 | 3 | 8 | 12 | 21 | 24.75 | 30.5 | 41 |

| Vehicle code | Vehicle type | Waste stream code | GVM or GCM (t) | | | | | | | | |
|--------------|---------------------------|-------------------|----------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | ≤4.5 | >4.5 ≤10.0 | >10.0 ≤16.0 | >16.0 ≤23.5 | >23.5 ≤28.0 | >28.0 ≤40.0 | >40.0 ≤43.5 | >43.5 ≤51.0 | >51.0 |
| | | NW | — | 1 | 3 | 8 | 12 | 21 | 24.75 | 30.5 | 41 |
| L | articulated motor vehicle | MSW | — | 1 | 3 | 8 | 12 | 21 | 24.75 | 30.5 | 41 |
| | | CI | — | 1 | 3 | 8 | 12 | 21 | 24.75 | 30.5 | 41 |
| | | CD | — | 1 | 3 | 8 | 12 | 21 | 24.75 | 30.5 | 41 |
| | | NW | — | 1 | 3 | 8 | 12 | 21 | 24.75 | 30.5 | 41 |

Table 2 Vehicle carrying containers

Notes:

- When the calculated Deemed weight has more than two decimal places, the result shall be **rounded-up to two decimal places** when output in the Detailed Data File (i.e. 1.125 shall be reported as 1.13 and 3.732 shall be reported as 3.74).

| Vehicle code | Vehicle type | Waste stream code | Multiplier | Example |
|--------------|--|-------------------|------------|--|
| M | vehicle carrying containers | MSW | 0.15 | 10 cubic metre container x 0.15 = 1.5 In the Detailed Data File enter 10 in the GVM or GCM or container capacity column and 1.5 in the Deemed weight column |
| | | CI | 0.15 | 7.5 cubic metre container x 0.15 = 1.125 Only 2 decimal places allowed, round up 1.13 In the Detailed Data File enter 7 in the GVM or GCM or container capacity column and 1.13 in the Deemed weight column |
| | | CD | 0.25 | 5 cubic metre container x 0.25 = 1.25 In the Detailed Data File enter 5 in the GVM or GCM or container capacity column and 1.25 in the Deemed weight column |
| | | NW | 0.15 | 15 cubic metre container x 0.15 = 2.25 In the Detailed Data File enter 15 in the GVM or GCM or container capacity column and 2.25 in the Deemed weight column |
| N | vehicle carrying containers (Deeming) - container is 0 to 50% full | MSW | 0.08 | 10 cubic metre container x 0.08 = 0.8 In the Detailed Data File enter 10 in the GVM or GCM or container capacity column and 0.8 in the Deemed weight column |
| | | CI | 0.08 | 7.5 cubic metre container x 0.6 In the Detailed Data File enter 7 in the GVM or GCM or container capacity column and 0.6 in the Deemed weight column |

| Vehicle code | Vehicle type | Waste stream code | Multiplier | Example |
|--------------|--------------|-------------------|------------|--|
| | | CD | 0.13 | 5 cubic metre container x 0.13 = 0.65 In the Detailed Data File enter 5 in the GVM or GCM or container capacity column and 0.65 in the Deemed weight column |
| | | NW | 0.08 | 15 cubic metre container x 0.08 = 1.2 In the Detailed Data File enter 15 in the GVM or GCM or container capacity column and 1.2 in the Deemed weight column |

Appendix F – General exemption codes

| Code | Description | Notes |
|------|--|---------------------------------|
| ASB | Asbestos | |
| DS | Dredge spoil | |
| DWTR | Drinking water treatment process residuals e.g. alum sludge | Can be used up to 30 June 2024. |
| IDLW | Illegal dumping or littering waste | |
| NIRC | Waste generated in the Norfolk Island Regional Council area. | Can be used up to 30 June 2026. |
| PSFA | Power station fly ash | Can be used up to 30 June 2029. |
| WWIG | Waste water - irrigation and general water use | |
| WWLD | Waste water – livestock drinking water | |

Appendix G - Waste source codes

| Code | Description | Notes |
|---------|--|---|
| LF | Landfill | |
| MLZ | Metro Levy zone | |
| RLZ | Regional Levy zone | |
| NLZ | Non-levy zone | |
| NW-LWDS | Non-waste – Levyable waste disposal site | Use when the net weight of the non-waste (material other than waste) load is more than 1 tonne. Refer to Appendix J – Non-waste that is over 1 tonne. |
| OI | Interstate | |
| RRAn | Resource recovery area (declared) | Where RRA is the prefix and n is the number of the RRA on the site. e.g. RRA1 The number will be provided by the department once the RRA declaration is confirmed. |

Appendix H - Waste destination codes

| Code | Description | Notes |
|---------|--|--|
| DLF | Disposed to landfill (onsite) | <p>This includes other levyable parts of the site.</p> <p>Primarily waste will be disposed to landfill, however when waste is delivered to other areas on the site that are not landfill or part of a declared resource recovery area, then use this code.</p> |
| NW-LWDS | Non-waste – Levyable waste disposal site | Use when the net weight of the non-waste (material other than waste) load is more than 1 tonne. Refer to Appendix J – Non-waste that is over 1 tonne. |
| OD | Off site disposal | <p>Use this when the waste has been transported off site for</p> <ul style="list-style-type: none"> • Combustion or thermal treatment without energy recovery • Landfill disposal without energy recovery at another site |
| ORP | Off site MRF/processor | <p>Use this when the waste has been transported off site to a recovery or recycling facility. This includes, but is not limited to</p> <ul style="list-style-type: none"> • Advanced waste treatment (AWT) • Dry and liquid processing facility • Energy from Waste (EfW) • Mechanical biological treatment (MBT) • Material recovery/recycling facility (MRF) • Organics processing facility • Refuse derived fuel (RDF) |

| Code | Description | Notes |
|------|-----------------------------------|---|
| ORS | Off site sale | <p>Use this when waste or material is sold at the waste disposal site or is transported off site to be sold.</p> <p>For waste or material moved off site for sale, this means that no further processing is required prior to sale.</p> <p>e.g.</p> <ul style="list-style-type: none"> • garden mulch sold from the RRA • tip shop sales • crushed concrete (recycled from concrete in the RRA) is purchased by a third-party and sent off site for use. |
| RRAn | Resource recovery area (declared) | <p>Where RRA is the prefix and n is the number of the RRA on the site.</p> <p>e.g. RRA1</p> <p>The number will be provided by the department once the RRA declaration is confirmed.</p> |

Appendix I - Field format convention

The values used in the format column of the record definitions are listed in the table below. Formatting characters such as decimal points are specified using symbolic representation. For example, a number with a precision of two is to be represented by the format: N.NN.

Characters which are not enclosed in brackets signify a value which must be represented.

Where characters are repeated in succession, round brackets and a number may be used to indicate the repetition. For example, A(8) is equivalent to AAAAAAAAA.

| Value | Valid character range |
|-------|--|
| A | Alphabetic character set: contains the letters a-z and A-Z and may contain special characters**, but not numeric characters. |
| N | Numeric character set: contains whole and decimal numbers and may contain special characters, but not alphabetic characters. |
| X | Alphanumeric character set: contains alphabetic and numeric characters, and may contain blank characters. |
| D | A numeric character representing a number of days. |
| M | A numeric character representing a number of months. |
| Y | A numeric character representing a number of years. |
| h | A numeric character representing a number of hours. |
| m | A numeric character representing a number of minutes. |
| s | A numeric character representing number of seconds. |
| [] | The string within the square brackets is optional in any ordered combination (e.g. [XXX] indicates 0, 1, 2 or 3 alphanumeric characters (i.e. blank, X, XX or XXX)). |
| () | The character preceding the round brackets (parentheses) is repeated the number of times specified (e.g. X(9) indicates 9 alphanumeric characters). |

** A special character is a character which has a visual representation and is not a letter, number, ideogram or blank. For example, punctuation marks and mathematical symbols.

A blank is a character that represents an empty position in an alphanumeric character field e.g. space. A blank is conceptually different from a null value, which is defined as the absence of a stored value.

Appendix J – Non-waste that is over 1 tonne

Measurement of other material ('non-waste') at waste disposal sites

Section 59 of the *Waste Reduction and Recycling Act 2011* requires the measurement of waste, or **other material that is over 1 tonne**, which is delivered to or subsequently removed from the waste disposal site or moved from the resource recovery area (RRA) to the levyable waste disposal site (i.e. the levyable part of the site), with the exception of waste entering the RRA or leaving the site from the RRA in a small vehicle (GVM/GCM= \leq 4.5t).

Other material is material which is not waste ('non-waste'). Movements of amounts of non-waste over 1 tonne must be measured, with some operational exceptions as outlined in the scenarios below (highlighted in blue).

Waste disposal site includes the *resource recovery area (RRA)* as well as the levyable waste disposal site (i.e. the levyable part of the site).

| Scenarios for movement of other material ('non-waste') | Weight | Measure under section 59 | Include in detailed data return | Rationale |
|--|------------|--------------------------|---------------------------------|--|
| Delivered or subsequently moved | >1t | Yes | Yes | Under section 59, non-waste that is more than 1 tonne must be measured if it is: <ul style="list-style-type: none"> - delivered to a levyable waste disposal site, or subsequently moved outside the levyable waste disposal site - delivered to the RRA, or moved from the RRA outside the waste disposal site, in a vehicle with a GCM/GVM >4.5t - moved from the RRA to the levyable waste disposal site Examples Delivery of large amounts of material, such as fuel for site equipment, building materials, or virgin materials for operational purposes |
| | <1t | No | No | Non-waste <1 tonne delivered to or subsequently moved from or anywhere within the waste disposal site is not required to be measured under section 59 Examples Minor deliveries such as food and office supplies for staff use |
| Operational machinery | Any weight | No | No | After levy commencement, equipment has been delivered for on-site use. Except when transporting waste, the machinery does not need to be measured when moving between the RRA and the levyable waste disposal site Examples Compactors and other operational machinery |
| Not delivered | Any weight | No | No | Vehicles passing through the site are in transit and no material is delivered to or removed from the site Examples The weighbridge is used to weigh a vehicle or a load, for example, to identify a vehicle's GVM for registration. Nothing has been delivered or taken from the site Staff working at the site have parked their vehicles on the site. They have not delivered or removed any item from the RRA or the levyable waste disposal site |