

Directive 030

Release date: May 10, 2022

Effective date: May 10, 2022

Replaces previous edition issued February 1, 2006.

Digital Data Submission of the Annual Oilfield Waste Disposition Report

Contents

1	Introduction	1
1.1	What's New in This Edition	2
2	Annual Oilfield Waste Disposition Reporting Instructions and Computer Data Format	2
2.1	Instructions.....	2
2.2	Computer Data Format	3

1 Introduction

Under *Directive 058: Oilfield Waste Management Requirements for the Upstream Petroleum Industry*, generators of oilfield waste must track

- all dangerous oilfield waste (DOW),
- all waste listed in appendix 2 of *Directive 058* as “may be a non-DOW” or “testing required,” and
- any non-DOW requested by the AER

from the point of generation to the point of final disposition (cradle to grave).

Directive 058 also requires generators to submit their annual oilfield waste disposition report, or portions of it, to the Alberta Energy Regulator (AER) when requested.

This directive sets out what to include and how to submit the report through the Digital Data Submission (DDS) system.

Authorized AER customers must obtain a login ID and password to access the DDS system. For assistance in obtaining a login ID, contact your company's AER administrator for the DDS system. If you are unable to contact them, contact ddsadministrator@aer.ca.

1.1 What's New in This Edition

The directive has been brought up to AER formatting standards, irrelevant information has been removed, and references have been updated.

2 Annual Oilfield Waste Disposition Reporting Instructions and Computer Data Format

As per *Directive 058*, oilfield waste generators must track the following information for the oilfield waste disposition report in their chosen tracking system, including

- type of oilfield waste,
- quantity of oilfield waste generated,
- the specific treatment or disposal option used,
- initial point of generation, and
- final disposition location.

2.1 Instructions

Header Record Layout General Information

This section of the report is to identify the header record for the file.

- **Record Type Code:** Identifies the record type (submission by file or form) for the report header.
- **BA Code:** The code assigned by the AER to individual companies to identify approval holders or the licensee of wells, facilities, or pipelines.
- **Waste Generation Year:** The year for which this oilfield waste disposition report applies.
- **Report ID:** Sequence associated to the waste generation year for the report.

Oilfield Waste Details

This section of the report is to identify all oilfield waste generation locations (e.g., facilities, wells, batteries, pipelines) of each oilfield waste type generated and the total quantity that was treated or disposed.

- **Licence Type:** The licence type identified as well (W), pipeline (P), or facility (F) to describe the licence type for the location where the oilfield waste was generated.

- **Licence Number:** The licence number for the location where the oilfield waste was generated.
- **Surface Location:** The surface location of the well or facility. (For file uploads only, either the surface location of the well or facility licence **or** the licence type and licence number may be provided.)
- **Waste Code:** AER-assigned waste code for each specific type of oilfield waste reported.
- **Waste Volume:** Total quantity (up to three decimal places) of each specific oilfield waste type that was transported off site for management **or** the volume treated on site during the reporting period.
- **Waste Volume Adjustment:** The adjustment quantity, positive or negative, is required to balance the differences between the total quantities of each specific oilfield waste type sent for management and quantities received at the management location, should the quantities be different (up to three decimal places, e.g., 123456789.000). Negative numbers are indicated with a negative sign (-).
- **Waste Volume Units:** Units the oilfield waste type is reported in. Oilfield waste is to be reported in either cubic metres or tonnes at 101.325 kPa and 15°C. *(Note that if there are quantities of a waste stream in both tonnes and cubic metres, two separate entries need to be made for that specific waste type.)*

Disposal/Treatment Details

This section of the report is to identify the disposal or treatment methods used for each specific oilfield waste type and the corresponding quantities managed.

- **Disposal/Treatment Method:** Oilfield waste disposal or treatment method used for each oilfield waste type reported.
- **Disposal/Treatment Volume:** Total quantity (up to three decimal places) of oilfield waste disposed or treated for the reported management method.

2.2 Computer Data Format

Field	Start	Length	Format	Definition/Format/Usage
Header Record Layout – first row of upload file				
Record Type Code	1	3	9(3)	The code identifies the record type for the report header record. The information appears only once for the entire upload file (e.g., 001).
BA Code	4	4	X(4)	AER-assigned company code (e.g., 0338).
Waste Generation Year	8	4	9(4)	Year for which the report applies (01 Jan – 31 Dec) (e.g., 1996).

Field	Start	Length	Format	Definition/Format/Usage
Report ID	12	8	9(8)	Sequence associated to the reporting year for the specific report (leading zero fill) (e.g., 00000001).
Detailed Record Layout – second and each subsequent row of upload file				
Record Type Code	1	3	9(3)	The code identifies the record type for the report header record. The information appears on the second and each subsequent row of the entire upload file (e.g., 002).
BA Code	4	4	X(4)	AER-assigned company code (e.g., 0338).
Waste Generation Year	8	4	9(4)	Year for which the report applies (01 Jan - 31 Dec) (e.g., 1996).
Report ID	12	8	9(8)	Sequence associated to the reporting year for the specific report (leading zero fill) (e.g., 00000001).
Oilfield Waste Details – an additional row for each unique waste code for a licence				
Licence Type	20	1	X(1)	This is the licence type as indicated as well (W), pipeline (P), or facility (F) to describe the licence type for where the oilfield waste was generated. Must enter W, P, or F.
Licence Number	21	9	X(9)	This is the licence number for the location where the oilfield waste was generated (e.g., 0000001).
Surface Location	30	17	X(17)	This is the complete surface location for the licence (includes Location Exception, LSD, Section, Township, Range, Meridian) (e.g., 00-11-26-045-06W4).
Waste Code	47	6	X(6)	AER-assigned waste code (see the on-line help to download a list of waste codes).
Waste Volume	53	13	9(9)V3	Total quantity of each specific type of oilfield waste shipped or treated (up to 3 decimal places) (e.g., 123456789.000).
Waste Volume Adjustment	66	14	9(9)V3	The adjustment quantity, positive or negative, is required to balance the differences between the total quantities of each specific oilfield waste type sent for management and quantities received at the management location, should the quantities be different (up to 3 decimal places, e.g., 123456789.000). Negative numbers are indicated with a negative sign.
Waste Volume Units	80	1	X(1)	Units the oilfield waste type is reported in (cubic metres or tonnes). Must enter M or T.

Field	Start	Length	Format	Definition/Format/Usage
Disposal/Treatment Details – an additional row for each unique disposal/treatment method for each oilfield waste code for each licence				
Disposal or Treatment Method	81	2	X(2)	Disposal or treatment method used for each oilfield waste type (see the on-line help to download a list of disposal or treatment methods).
Disposal or Treatment Volume	83	13	9(9)V3	Quantity of oilfield waste disposed or treated for the disposal or treatment method used (up to 3 decimal places, e.g., 123456789.000).