

Directive 030: Digital Data Submission of the Annual Oilfield Waste Disposition Report

February 1, 2006

Effective June 17, 2013, the Energy Resources Conservation Board (ERCB) has been succeeded by the Alberta Energy Regulator (AER).

As part of this succession, the title pages of all existing ERCB directives now carry the new AER logo. However, no other changes have been made to the directives, and they continue to have references to the ERCB. As new editions of the directives are issued, these references will be changed.

Some phone numbers in the directives may no longer be valid. Contact AER Inquiries at 1-855-297-8311 or inquiries@er.ca.

Directive 030

February 1, 2006

Digital Data Submission of the Annual Oilfield Waste Disposition Report

The Alberta Energy and Utilities Board (EUB/Board) has approved this directive on February 1, 2006.

<original signed by>

M. N. McCrank, Q.C., P.Eng.
Chairman

The Alberta Energy and Utilities Board (EUB) has changed the way licensee/approval holders will submit their annual oilfield waste disposition reports to the EUB to reflect the EUB's shift in information management and reporting. The changes to the requirements in *Directive 058: Oilfield Waste Management Requirements for the Upstream Petroleum Industry* (formerly *Guide 58*) for oilfield waste tracking and to the format described in Appendices 8.1 and 8.2 of *Directive 058*, for submission of the oilfield wastes through the Digital Data Submission (DDS) are summarized in Section 4: Annual Oilfield Waste Disposition Reporting Instructions and Computer Data Format Changes.

1 Background

The EUB requires the generators of oilfield waste to track all dangerous oilfield wastes (DOW) and reportable oilfield wastes (listed in Table 9.1 of *Directive 058*) from the point of generation to the point of final disposition (cradle to grave). This requirement became effective in 1996 with the implementation of *Guide 58* (now *Directive 058*). The waste tracking system must be capable of tracking oilfield waste type, quantity of oilfield waste generated, and the specific treatment or disposal option used. Upon request, oilfield waste generators (licensee/approval holders) must summarize their oilfield waste tracking information into the Annual Oilfield Waste Disposition Report and submit the report to the EUB through the DDS.

2 New Oilfield Waste Disposition System

The changes to the existing format for the oilfield waste tracking and the format for submission of the oilfield wastes through the DDS are detailed in Section 4. These changes will be an update to *Directive 058* and replace the current Appendices 8.1 and 8.2.

3 Implementation and Data Submission

The changes to the oilfield waste disposition reporting are required to be implemented immediately and will affect reporting for the **2004, 2005**, and future reporting years. Those licensee/approval holders selected to submit the oilfield waste disposition information on the DDS for the 2004 reporting year will be notified in writing from the EUB in the month of April 2006. Subsequent to the completion of the 2004 submission, selections will be made for licensee/approval holders to submit information for the 2005 reporting year. Note that

licensee/approval holders may be selected at any time of the year to submit the Annual Oilfield Waste Disposition Report (or portion thereof) on the DDS.

Business rules and associated “Frequently Asked Questions” (FAQs) are available to provide guidance once a company has logged into the Oilfield Waste Disposition System; they will be updated as required.

Questions surrounding oilfield waste manifesting and tracking may be directed to Jennifer Fisher at (403) 297-8212 or via e-mail at Jennifer.fisher@gov.ab.ca.

Authorized EUB customers require a login ID and password to access the DDS system. For assistance in obtaining a login ID, please contact your company’s EUB DDS administrator. If you are unable to contact your company’s EUB DDS administrator, contact EUB.DDSAdministrator@gov.ab.ca.

4 Annual Oilfield Waste Disposition Reporting Instructions and Computer Data Format Changes

4.1 Instructions to Complete the Oilfield Waste Disposition Report

Overview

All licensees/approval holders (oilfield waste generators) are required to implement and maintain a waste tracking system that is capable of providing the information required for the Annual Oilfield Waste Disposition Report. The oilfield wastes are required to be tracked from the initial point of generation through to the final disposition location (cradle to grave). This report provides the EUB with annual summaries regarding the types and quantities of oilfield wastes generated, the source of the oilfield waste, and the specific disposal or treatment methods used. Licensees/approval holders that are selected to submit their annual oilfield waste disposition report are required to prepare this report in accordance with Directive 058: Oilfield Waste Management Requirements for the Upstream Petroleum Industry (formerly Guide 58).

The following detailed information describes the changes to the table “computer data format.”

Header Record Layout General Information

This section of the report is to identify the header record for the file. The following information must be entered:

- **Record Type Code:** Identifies the record type (submission by file or form) for the report header.
- **BA Code:** The code assigned by the EUB 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 must be 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:** EUB-assigned waste code for each specific type of oilfield waste reported.
- **Waste Volume:** Total quantity (up to 3 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 3 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 must 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 3 decimal places) of oilfield waste disposed or treated for the reported management method.

4.2 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)	EUB-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).

(continued)

Field	Start	Length	Format	Definition/Format/Usage
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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)	EUB-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)	EUB-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.

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).