Learning Aid:
Public Data – Facility Infrastructure Report

Dated: May, 2018

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The goal of this document is to provide the details for the facility information downloads accessed from the Petrinex public data page.

Introduction

Facility infrastructure information defined in this document can be accessed by the public through the Public Data link on the Petrinex web site.

The current status of all the facilities in Petrinex as of the file creation date will be included in the downloadable files.

Waste locations are handled differently in Petrinex and will not be included in this report.

Note: Currently the scope of the output file is only Alberta data.

Scheduling and Timing

The facility information files are created nightly and available for public downloading the next morning.

Downloads

This report will be available to download in Comma-Separated Value (CSV) and Extensible Markup Language (XML) formats.

Users downloading reports for personal use should request the CSV format, This format can be imported to and exported from programs that store data in tables, such as Microsoft Excel. For further information on creating an excel spreadsheet from CSV see the section below titled "Open and Save CSV Document as Excel Spreadsheet".

Users downloading report to upload into other systems should request the XML format. This format shares both the format and the data using standard ASCII text. A XML format is similar to HTML.

Data Fields

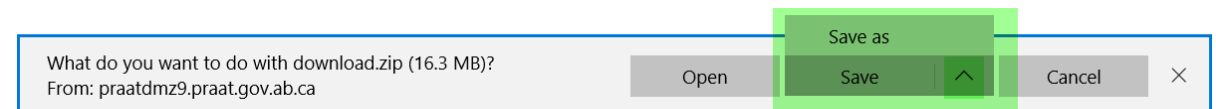| Data Element Name	Data Type	Length	Description	Data Protection
Facility ID	String	20	Unique identifier for the facility	
Facility Province/State	String	2	Province/State for the Facility	
Facility Type	String	2	Type for the Facility Type classifying the facility according to its physical equipment or principle service performed.	
Facility Identifier	String	20	Unique identifier for the Facility	
Facility Name	String	60	Name of the facility	
Facility SubType	String	3	Sub-Type Code indicating purpose of facility	
Facility SubType Desc	String	60	Description of the facility sub type.	
Experimental Confidential	String	1	Facility experimental Confidential Indicator as of date when file was generated (Y/N)	
Facility Start Date	Date	10	Production Period (YYYY-MM-DD) in which the facility change becomes effective.	
Facility Location	String	30	Facility Surface Location is made up of: legal subdivision-section-township-range -meridian.	
Facility Legal Subdivision	String	2	The DLS Legal Subdivision designation for the surface location of a facility.	
Facility Section	String	2	The DLS Section designation for the surface location of a facility.	
Facility Township	String	3	The DLS Township designation for the surface location of a facility.	
Facility Range	String	2	The DLS Range designation for the surface location of a well.	
Facility Meridian	String	2	The DLS Meridian designation for the surface location of a facility.	
Facility Licence Status	String	12	Status of the Licence, applicable only to licenced facilities	
Facility Operational Status	String	20	The operational status fo the facility.	
Facility Operational Status Date	Date	10	Date (YYYY-MM-DD) corresponding to the current facility operational status	
Licence Type	String	20	Type of Licence. "FACILITY" or "WELL".	
Licence Number	String	9	Licence number (if applicable). Start with licence type abbreviation	

Data Element Name	Data Type	Length	Description	Data Protection
Energy Development Category Type	String	60	Licence Energy Development Category Type description, if applicable	
Licence Issue Date	Date	10	Facility Licence Issue date (YYYY-MM-DD), if applicable	
Licensee BA ID	String	20	Business Associate id to which the licence has been issued, if applicable	
Licensee Name	String	150	Business Associate name to which the licence has been issued, if applicable	
Operator BA ID	String	20	Current facility Operator ID	
Operator Name	String	150	Current facility Operator name	
Operator Start Date	Date	10	Current facility Operator start date	
Terminal - Pipeline Link	String	20	Facility Identifier of the pipeline facility linked to the terminal, if applicable	
TP Facility Province/State	String	2	Province/State for the Terminal - Pipeline Link, if applicable	
TP Facility Type	String	2	Type for the Terminal - Pipeline Link, if applicable	
TP Facility Identifier	String	20	Unique identifier for the Terminal - Pipeline Link, if applicable	
Meter Station - Pipeline Link	String	20	Facility Identifier of the pipeline facility linked to the meter station, if applicable	
MP Facility Province/State	String	2	Province/State for the Meter Station - Pipeline Link, if applicable	
MP Facility Type	String	2	Type for the Meter Station - Pipeline Link, if applicable	
MP Facility Identifier	String	20	Unique identifier for the Meter Station - Pipeline Link	

Open and Save Document as Excel Spreadsheet

You have selected the Facility Infrastructure Report and your download format (CSV or XML). When you receive the download you should save your report in your directory by clicking the "arrow" beside save to open the Save As option to save this report in your personal directory.

Note: The file that you save will be a zipped file (.zip). When you click on the file name it will open the zip file and present the requested report(s) which you will need to save to your personal directory.

When you open your csv report, you will notice that all of the preceding zero's in any of the data has been lost. Example BA Code 0123 would show as 123, Facility Identifier 0000123 would show as 123. You need to create a worksheet in text in order to sort and filter your report as necessary.

      a. Open a new Excel worksheet, and click on **Data** to import your saved report into this new worksheet.
      b. Click **From Text** to open the Import Text file window
      c. Highlight the document that you previously saved and click **Import.**
      d. This opens the Text Import Wizard:
          1. Click the radio button – **Delimited** and click **Next**
          2. Change the radio button under Delimiters from Tab to **Comma** and click **Next**.
          3. You will want to change all of the columns to be Text rather than General. To do this – Hold down the Shift Key and using the scroll bar on the bottom bring it as far to the right as you can. This will highlight all of the columns.
          4. Click the radio button **Text**
          5. Click **Finish**
          6. You are now asked where you want to put the data? Click the radio button – **Existing Worksheet** and click **OK**.
          7. Save the new worksheet as a .XLSX or .XLS file.

Glossary Terms

PUBLIC DATA: Also known as "non-operator data" refers to Petrinex data available to non-operators in Petrinex.