Learning Aid:
Saskatchewan Public Data – Facility Operator History Download

Dated: March 2022

Change Log

Date	Section	Changes
March, 2022	Throughout Document	Cleanup and re-format of document
February, 2022		Initial Release

Table of Contents

The goal of this document is to provide the information on the Saskatchewan facility operator history downloads via the Petrinex Saskatchewan Public Data page.

Introduction

Saskatchewan facility operator history information referenced in this document can be accessed by the public through the Saskatchewan Public Data Access link on the Petrinex web site.

The downloadable file will contain all the Saskatchewan facility operator history in Petrinex as of the file creation date.

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

Note: If users require an Alberta facility operator history output file, they are required to access the [Alberta Public Data Access](#) link on the Petrinex web site.

Scheduling and Timing

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

Downloads

This data download is available from the Saskatchewan Public Data Access web page in Comma-Separated Value (CSV) and Extensible Markup Language (XML) formats. Select the desired report, choose a file format and click the "Download" button to obtain the download.

Petrinex functionality allows users to request this report using a separate API address rather than the "download" process. Your report request should follow the following criteria:

https://www.petrinex.gov.ab.ca/publicdata/API/Files/{Jurisdiction}/Infra/{FileName}/{FileFormat}

Examples:
https://www.petrinex.gov.ab.ca/publicdata/API/Files/SK/Infra/Facility%20Operator%20History/CSV

https://www.petrinex.gov.ab.ca/publicdata/API/Files/SK/Infra/Facility%20Operator%20History/XML

Note: The report results will be the same no matter which of the request processes you use.

Users downloading reports for <u>personal use</u> 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 the data to upload into <u>other systems</u> should request the XML format. This format shares both the format and the data using standard ASCII text. An XML format is similar to HTML.
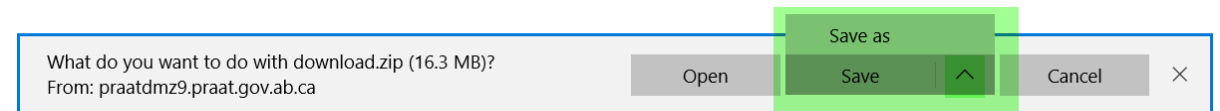
Data Fields

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 classifying the facility according to its physical equipment or principle service performed.	
Facility Identifier	String	20	Numeric component of the unique identifier for the Facility	
Facility Name	String	60	Name of the facility	
Facility Sub Type	String	3	Sub-Type Code indicating purpose of facility	
Facility Sub Type Desc	String	60	Description of the facility sub type.	
Operator BA ID	String	20	A code which uniquely identifies the business associate that is identified as the operator for this facility.	
Operator Name	String	150	The name of the business associate that is identified as the operator for this facility.	
Start Date	gYearMonth	7	Production period (YYYY-MM) the operator change takes effect	
End Date	gYearMonth	7	Production period (YYYY-MM) the operator change expires. If the End Date is end of time, the value will be 9999-12.	

Open and Save Document as Excel Spreadsheet

If you have selected the Facility Operator History Report and your download format is CSV, you should save your report to an appropriate folder. Click the "arrow" beside the "Save As" option to save this report to the selected folder.

		Save as			
What do you want to do with download.zip (16.3 MB)? From: praatdmz9.praat.gov.ab.ca	Open	Save	⌃	Cancel	✕

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 a folder you have access to.

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 01234 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.