



Learning Aid: SK Public Data – Facility Infrastructure Download



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Change Log

Date	Section	Changes
October 2023	Data Field Table	New Alberta Environment & Protected Areas (AEPA) Technology Innovation & Emissions Reduction (TIER) data - Blank in SK
September, 2022	Data Field Table	New Orphan Well Flag – Blank in SK
March, 2022	Throughout Document	Cleanup and re-format of document
February, 2022		Initial Release



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

Introduction

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

The current status of all the Saskatchewan 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: If users require an Alberta facility infrastructure output file, they are required to access the [Alberta Public Data Access](#) link on the Petrinex web site.

Scheduling and Timing

The Saskatchewan facility infrastructure 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%20Infrastructure/CSV>

<https://www.petrinex.gov.ab.ca/publicdata/API/Files/SK/Infra/Facility%20Infrastructure/XML>

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



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 the data to upload into other systems 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 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	In SK this will be blank	
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 of 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	
Energy Development Category Type	String	60	In SK this is Facility Licence Type.	
Energy Development Category ID	String	3	In SK this is Facility Licence Type Code.	

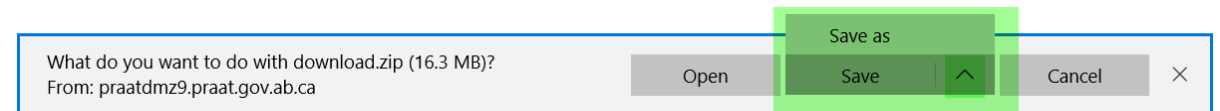


Data Element Name	Data Type	Length	Description	Data Protection
Licence Issue Date	Date	10	Facility Licence Issue date (YYYY-MM-DD), if applicable	
Licensee BA ID	String	20	Business Associate id to which the licence has been issued, if applicable	
Licensee Name	String	150	Business Associate name to which 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	
Orphan Well Flag	String	1	In SK this will be blank	
TIER Aggregate ID	String	4	In SK this will be blank	
TIER Aggregate PR	String	50	In SK this will be blank	



Open and Save Document as Excel Spreadsheet

If you have selected the Facility Infrastructure 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.



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.