

# Promoting Community "Right to Know" for Pollution Reduction



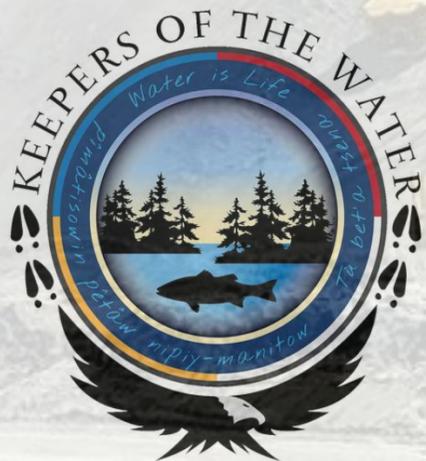
Canadian  
Environmental Law  
Association  
EQUITY. JUSTICE. HEALTH.

## Exploring Canada's National Pollutant Release Inventory

Date: Feb 7, 2024

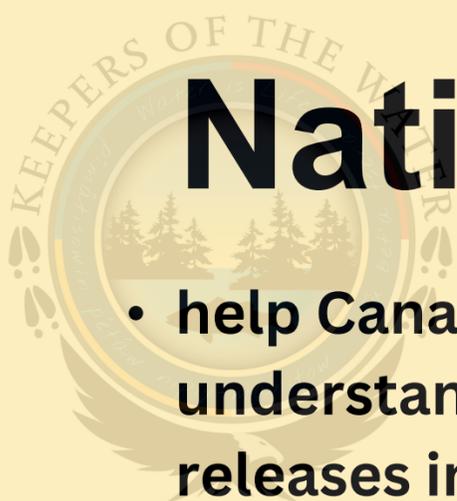
Presented by: de Leon - CELA

Crystal Stamp-Cardinal - KOW



# National Pollutant Release Inventory

- **Canadian Environmental Protection Act (CEPA)**
  - **Mandatory requirements under the authority of the CEPA for owners or operators of facilities to report to the NPRI (section 48)**
  - **Companies that meet reporting requirements but that fail to report, do not report on time, or knowingly submit false or misleading information, face penalties.**
- **Only federal government inventory of pollution release and transfer data mandated under CEPA**
- **Establish in 1992, first year reporting 1993**
- **Mandatory reporting – Releases to Air, Water, Land; on-site disposal; off-site transfers to recycling, treatment and disposal**

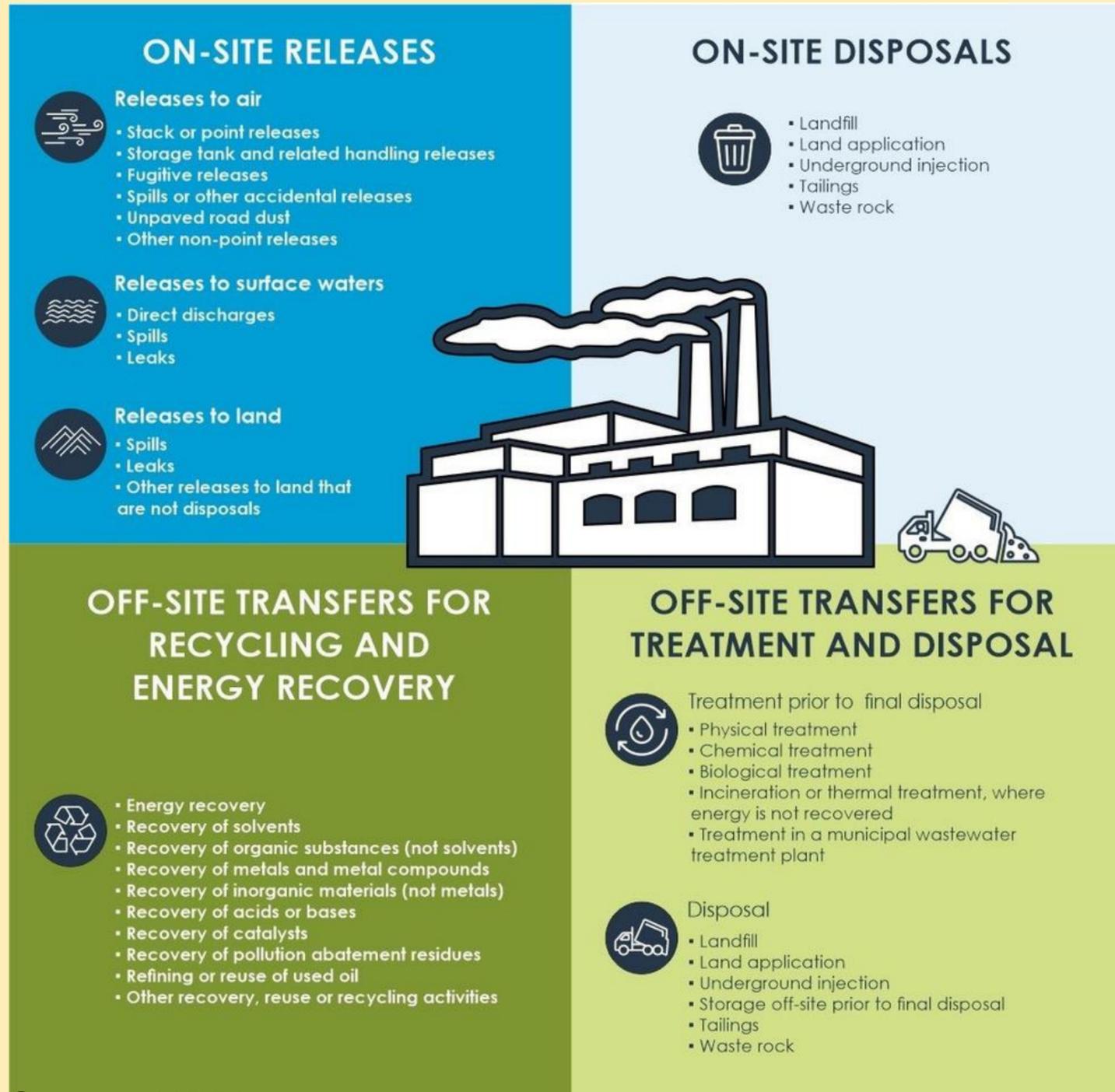


# National Pollutant Release Inventory



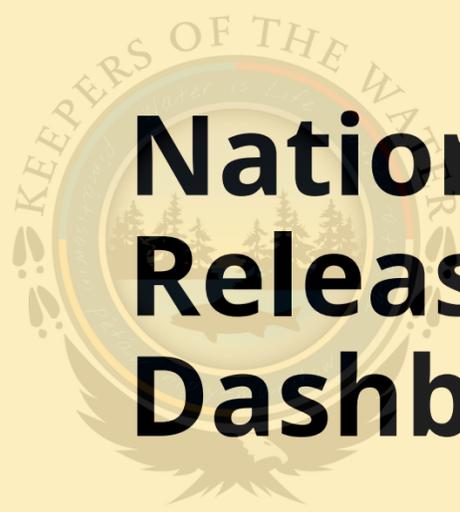
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- help Canadians understand pollutant releases in their communities
- inform decision making to protect the environment
- encourage actions to reduce pollution
- help track progress on reducing pollutant releases to the air, water and land



- help identify pollution prevention priorities
- support the assessment and management of risks from chemicals
- complement monitoring data from other programs (e.g., water and air quality monitoring)

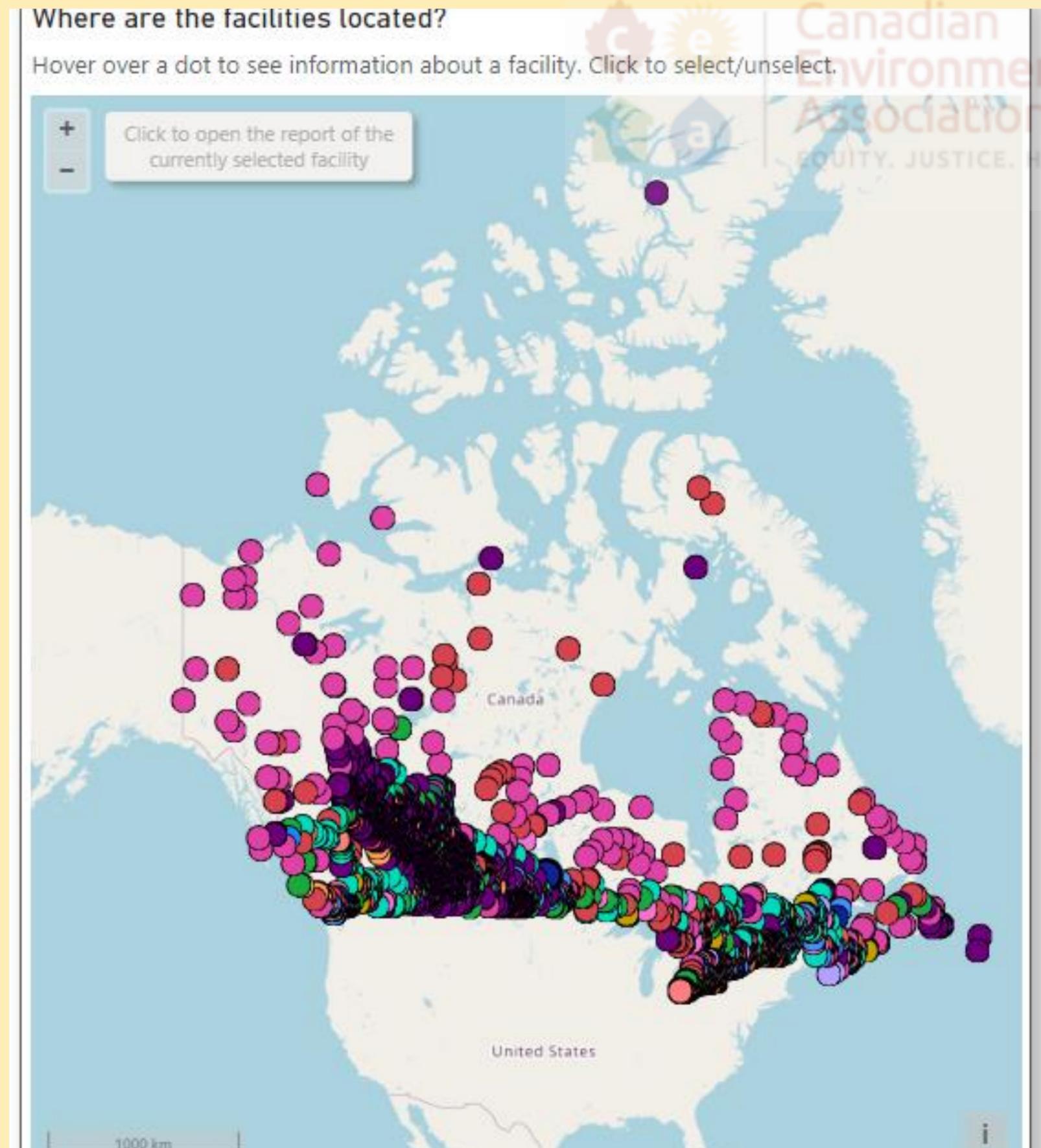
Source: NPRI



# National Pollutant Release Inventory Dashboard

This map shows the NPRI reporting facilities for 2022

5,147,699.17 tonnes reported by 7320 facilities





# NPRI - Across the Country and Your Community

- **Number of pollutants** – over 320 pollutants
- **Number of reporting facilities/industries**
  - (2022) – 7,320 facilities
- **Pollutants** – carcinogens, reproductive and developmental substances, endocrine disrupting substances, Criteria air contaminants, CEPA toxic substances
- **Types of facilities** – Examples: factories that manufacture a variety of goods, mines, oil and gas operations, power plants and sewage treatment plants.
- **Collects and publishes information** about selected substances that may pose a risk to the environment and health



The Suncor tar sands processing plant near the Athabasca River at their mining operations near Fort McMurray, Alberta (source: Alamy)



# Why use pollution data from NPRI

- To stimulate community engagement
- To promote community right to know on which pollutants are released and transferred in your neighbourhood
- To speak with reporting facilities in their community about reductions and eliminations of pollution that are needed to be made by the facility to protect the community
- To use data to advance the need for regulatory and legislative changes on pollution
- To demonstrate trends over time for pollution releases and transfer



# Community Right-to-Know

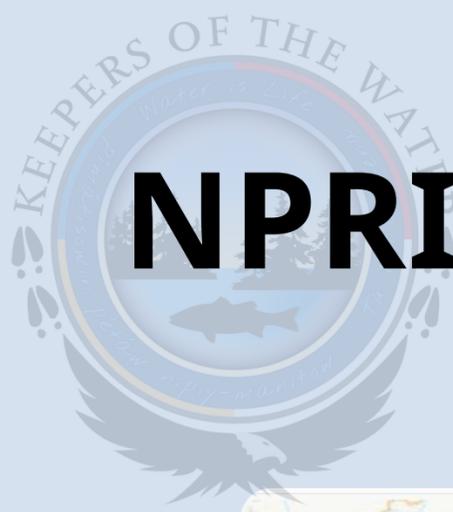


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## Citizens' groups and individuals use NPRI data to:

- Know about possible threats to their health and environment
- Look up data on a particular facility in their community
- Look up data for all facilities within their postal code
- Look up data on a particular pollutant





# NPRI Sector Overview: Oil Sands Extraction



## Oil Sands Deposits

Three are three large oil sands deposits in Canada:

- The Athabasca
- Peace River
- Cold Lake



Covering 142,000 square kilometres with an estimated 166.3 billion barrels.

**The sector produces 2.95 million barrels of oil per day.**

Source:NPRI

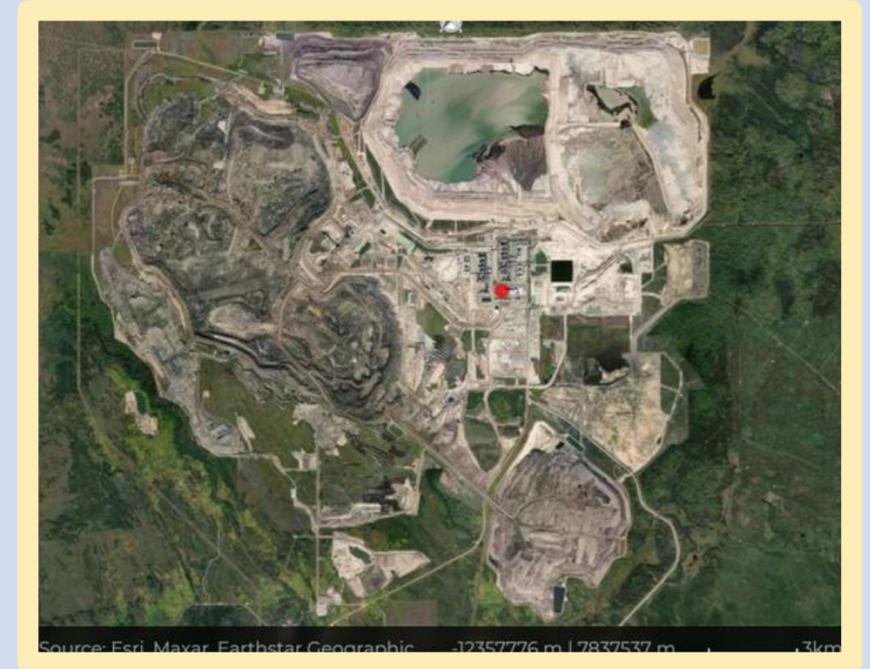


# Oil Sands Extraction : Surface Mines

- Fort Hills Oil Sands Mine
- Canadian Natural Resources Muskeg River and Jackpine Mines
- Canadian Natural Resources Horizon Processing Plant
- Syncrude Canada Aurora North Mine
- Suncor Energy Inc. Oil Sands
- Syncrude Canada Mildred Lake



**Imperial Oil Kearl Processing Plant and Mine**



**Satellite Image of the 7 Surface Mines in the Athabasca Region reporting to the NPRI (Source:NPRI)**



# Oil Sands Extraction: Tailings



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**1.4 TRILLION Litres and counting**

**49 substances disposed of in tailings are reported to the NPRI.**

**LEAD**, which can permanently impair children's brain and nervous system development

**MERCURY**, which can have damaging impacts on the nervous, immune, and digestive systems and harm children's development

**ARSENIC AND BENZENE** well-established sources of cancer in humans.

**NAPHTHENIC ACIDS** studies have found repeated exposure leads to adverse impacts to health in fish. Toxic and persistent, the long-term impacts on human health has been severely understudied.



Source: The Narwhal/Alex MacLean

**Tailings ponds cover over 2.6 times  
the size of the City of Vancouver**

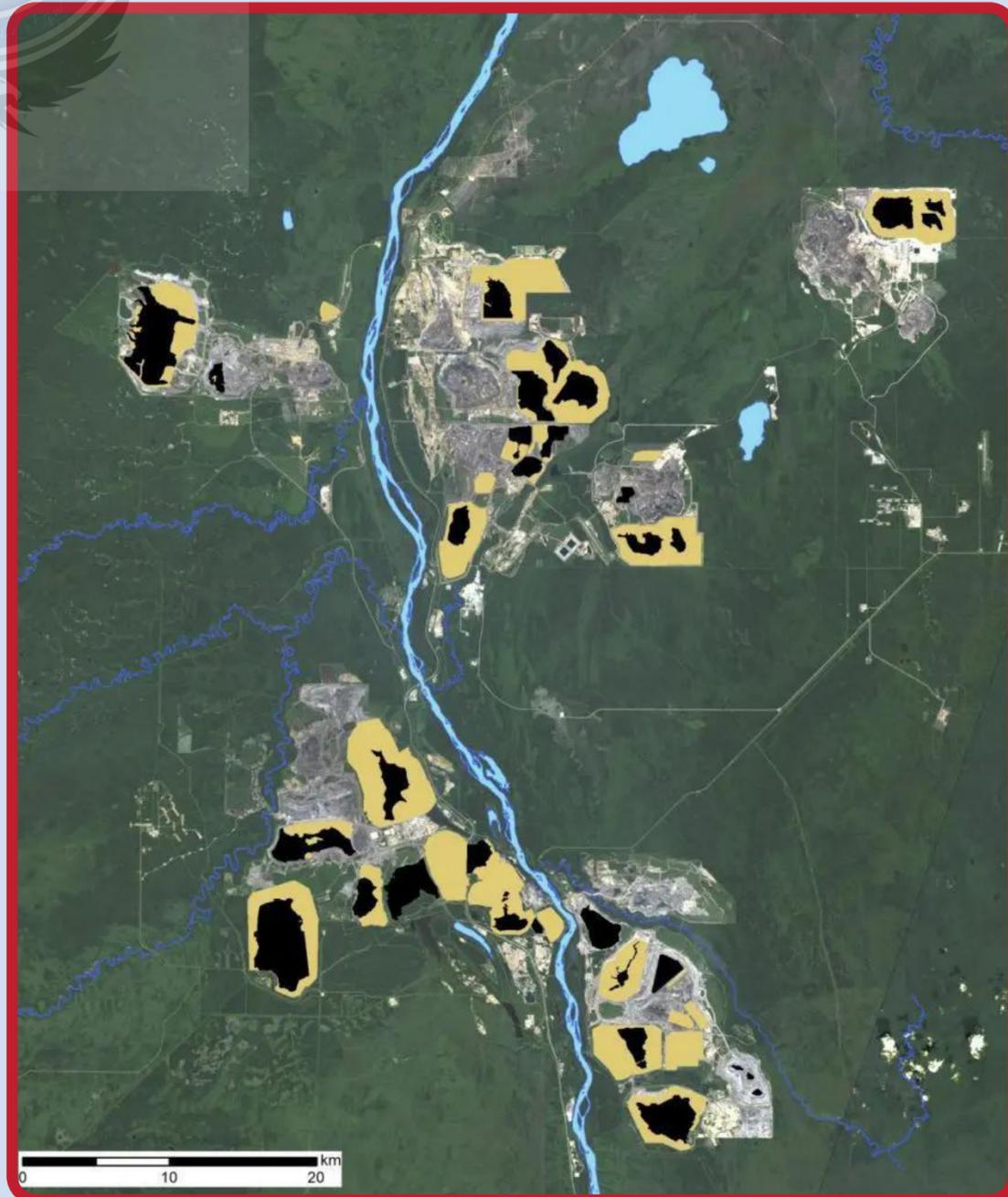


# Oil Sands Tailings Ponds



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**1.4 TRILLION Litres and  
counting**



Source: Environmental Defence Canada



# NPRI DASHBOARD - Landing Page



## Dashboard on National Pollutant Release Inventory (NPRI)

### NPRI Data Dashboard

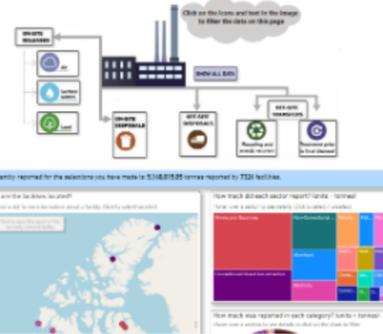
Data as of:  
2023-10-03

Select one of the approaches below to start looking at the NPRI data that has been reported between 2013 and 2022.

#### \*NEW\* Explore the NPRI data

Explore the NPRI in an interactive visual format, one year at a time. Graphs and maps allow you to filter the data and drilldown to find what you're interested in.

##### Explore NPRI Data (currently displaying data for 2022)



#### Drill into data by location, sector, substance

View a summary the NPRI data reported by all facilities and drill into it by selecting substances, locations and/or sectors of interest.

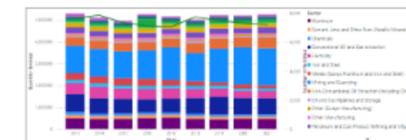
Use this section to answer questions such as:

- "which sectors report the most particulate matter?" or
- "how many facilities in Manitoba reported disposals of lead?"

Choose how to display the data:

By Substance By Sector By Facility By Province By Release Type

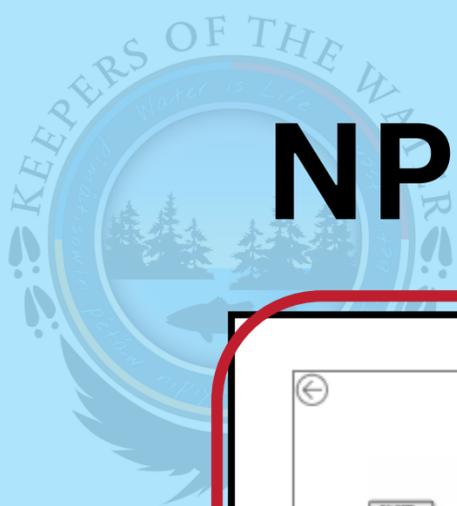
Releases, disposals and transfers (by sector):



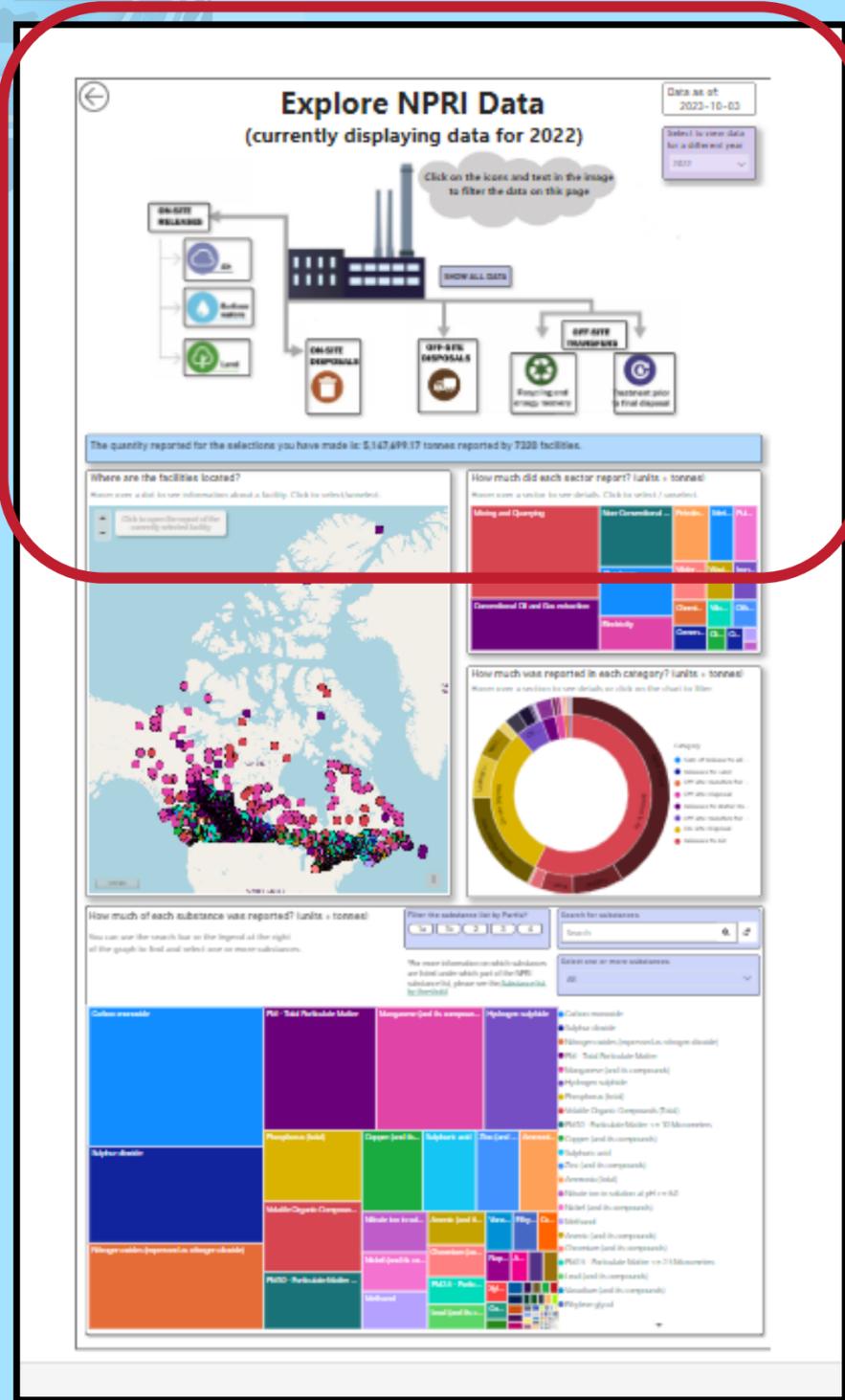
Province	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Alberta	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456
British Columbia	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456
Manitoba	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456
Ontario	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456
Quebec	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456
Saskatchewan	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456
Atlantic	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456	1,123,456

<https://www.canada.ca/en/environment-climate-change/services/national-pollutant-release-inventory/tools-resources-data/all-year-dashboard.html>

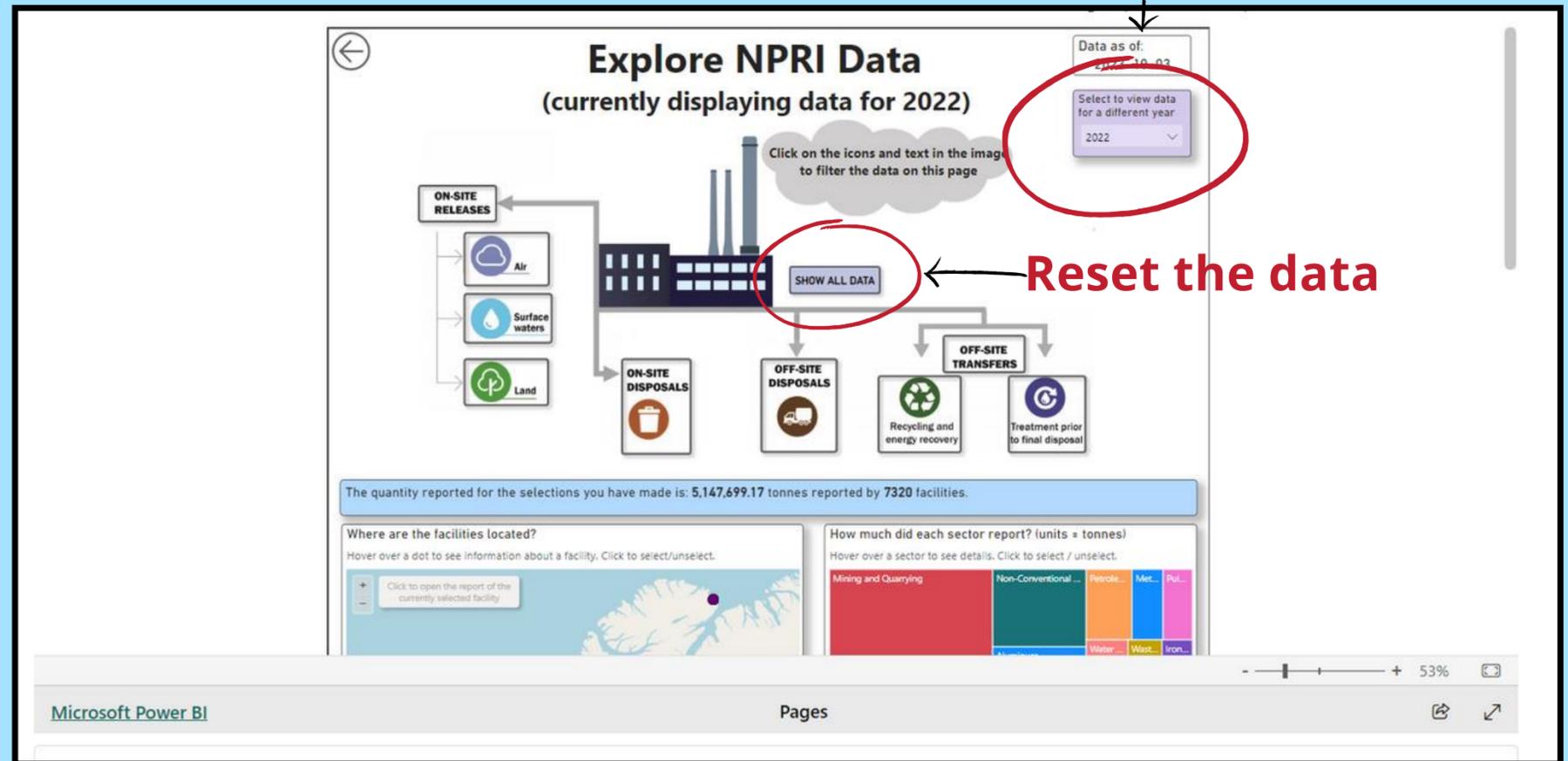


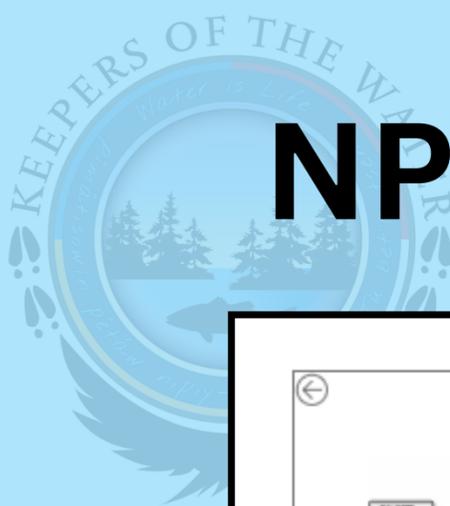


# NPRI DASHBOARD - Search by Facility

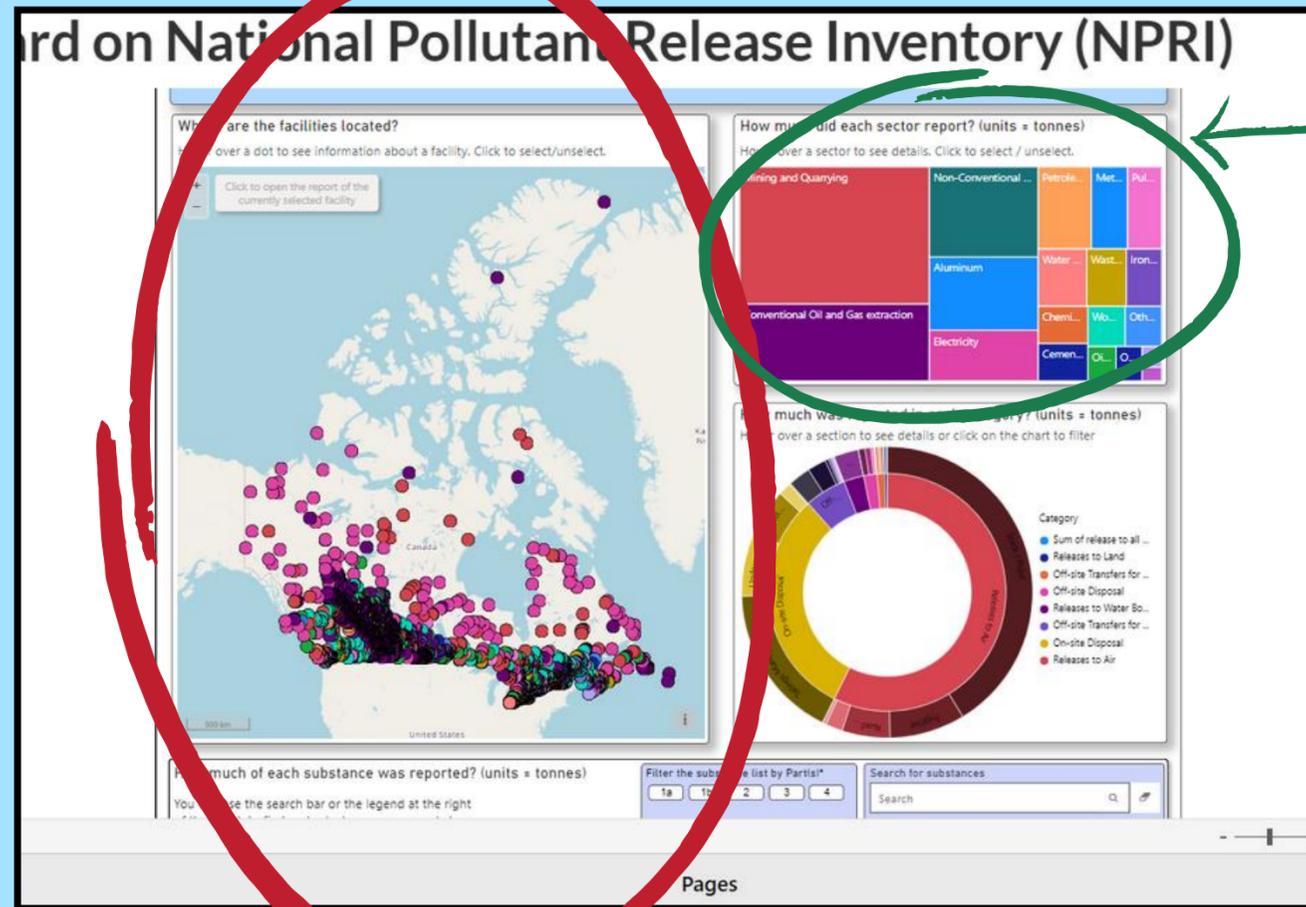
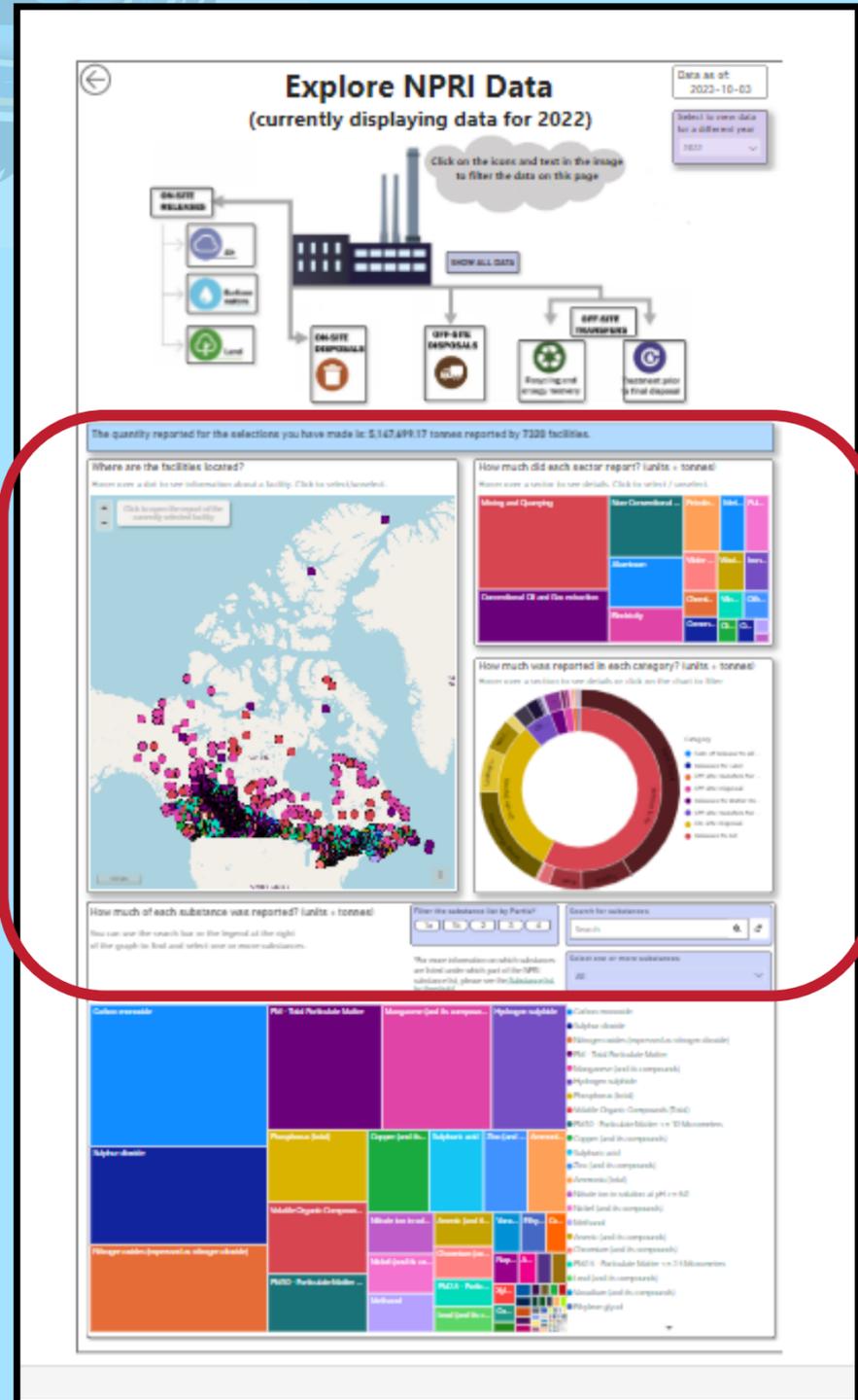


Change the Reporting YEAR

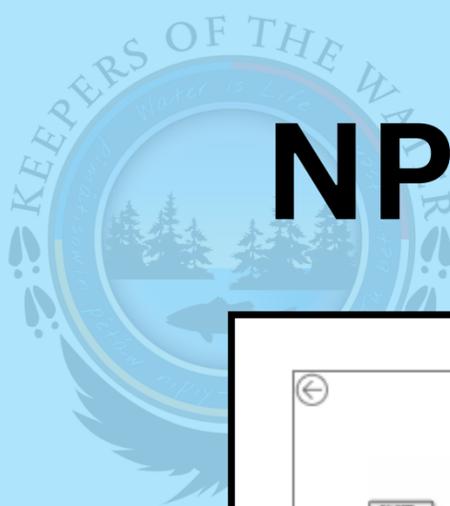




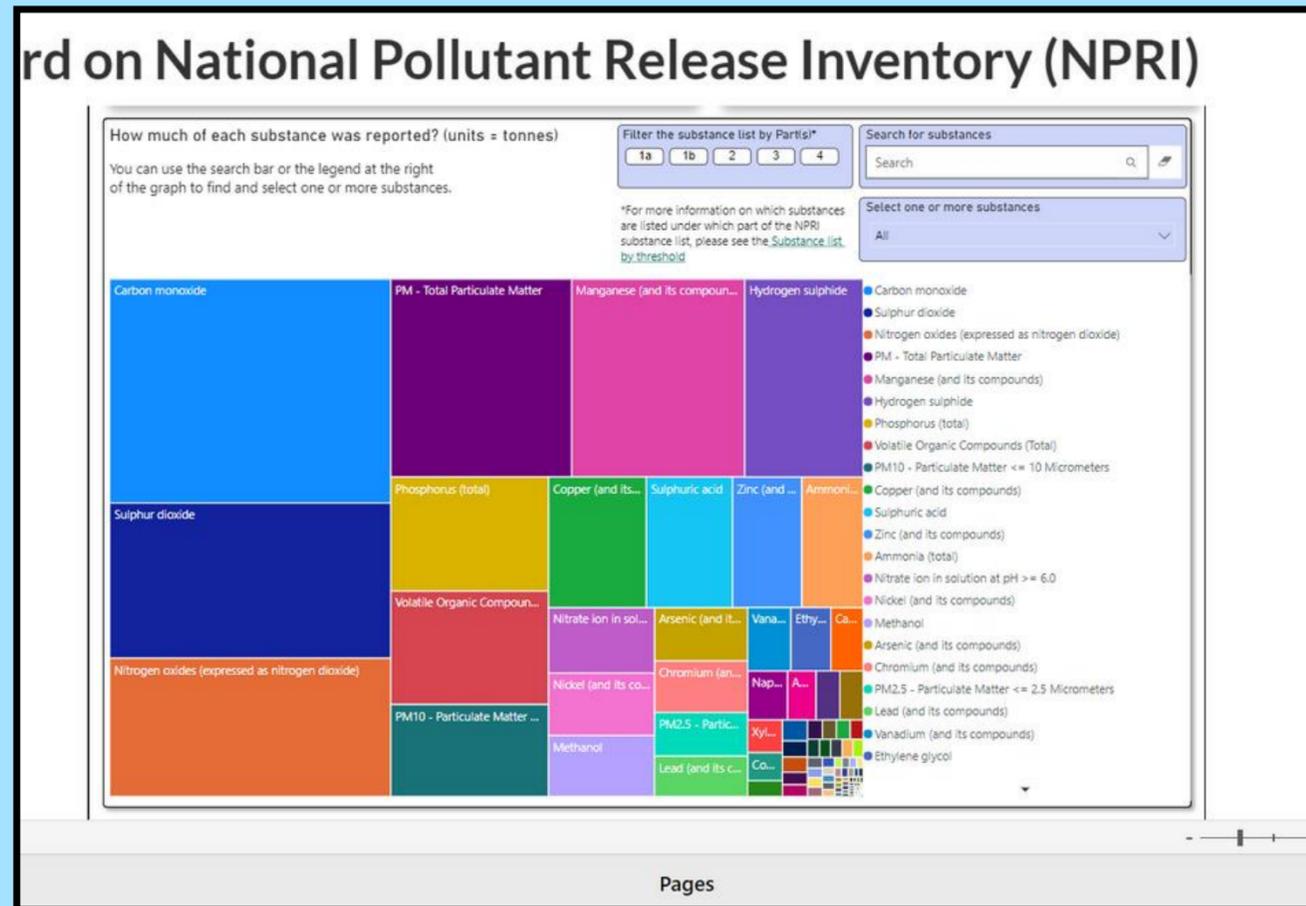
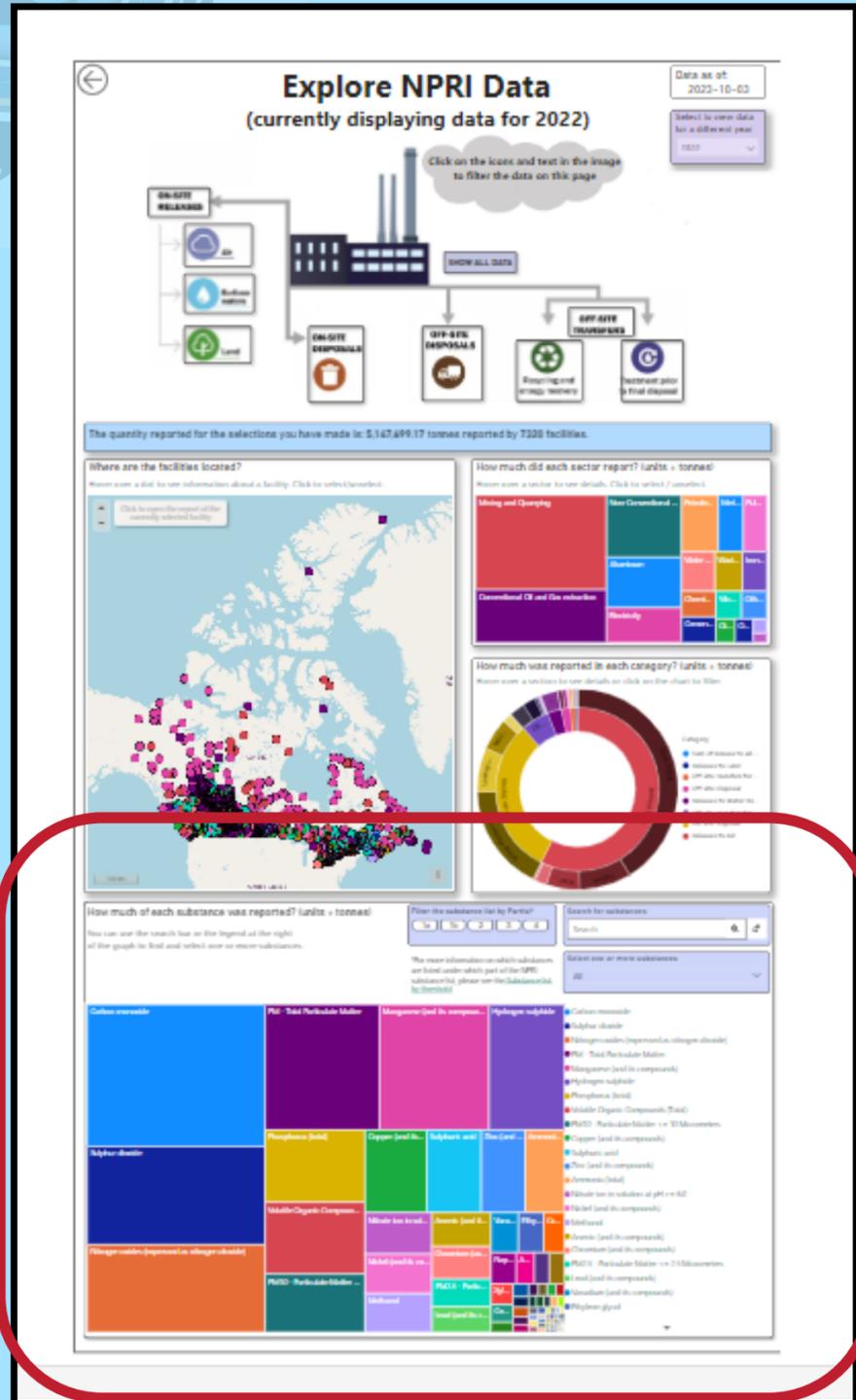
# NPRI DASHBOARD - Search by Facility



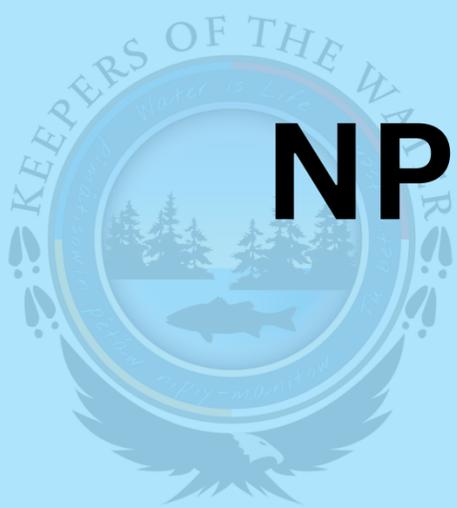
**Interactive Map - Click on the facility to learn more**



# NPRI DASHBOARD - Search by Facility



When you hover your cursor over the bar chart it will display the amounts of each substance reported for the year selected



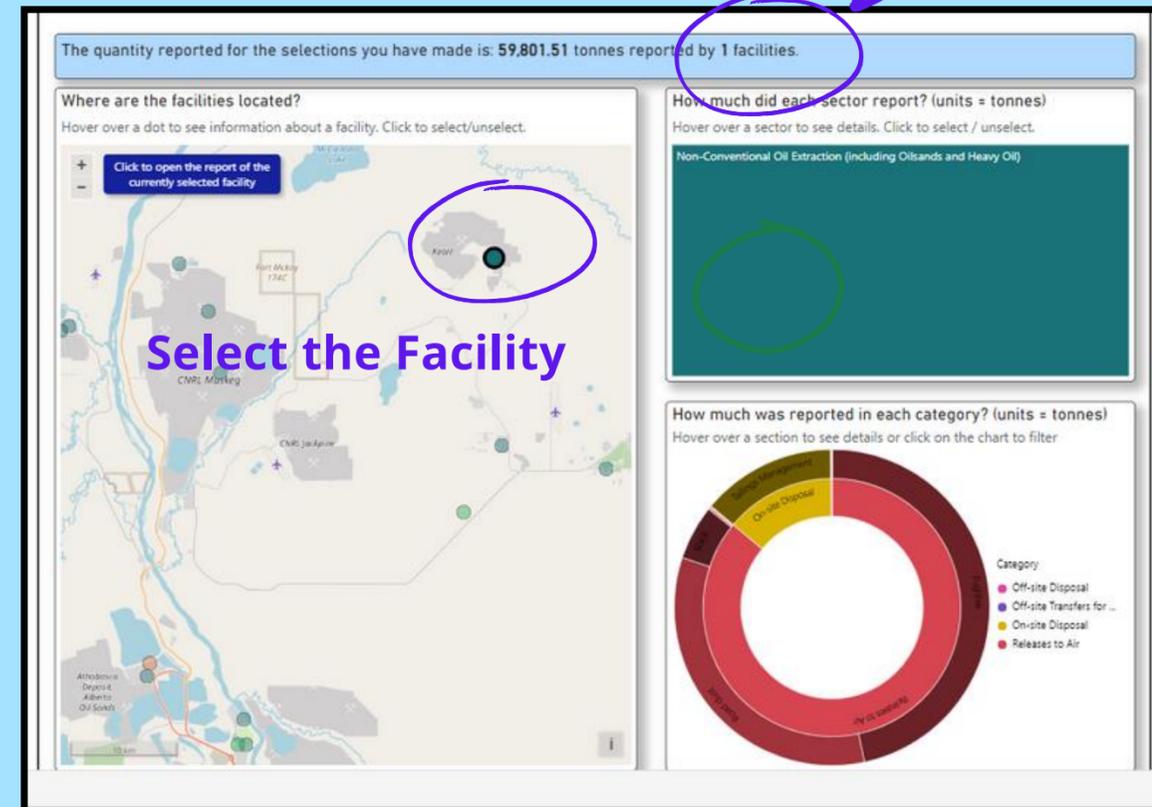
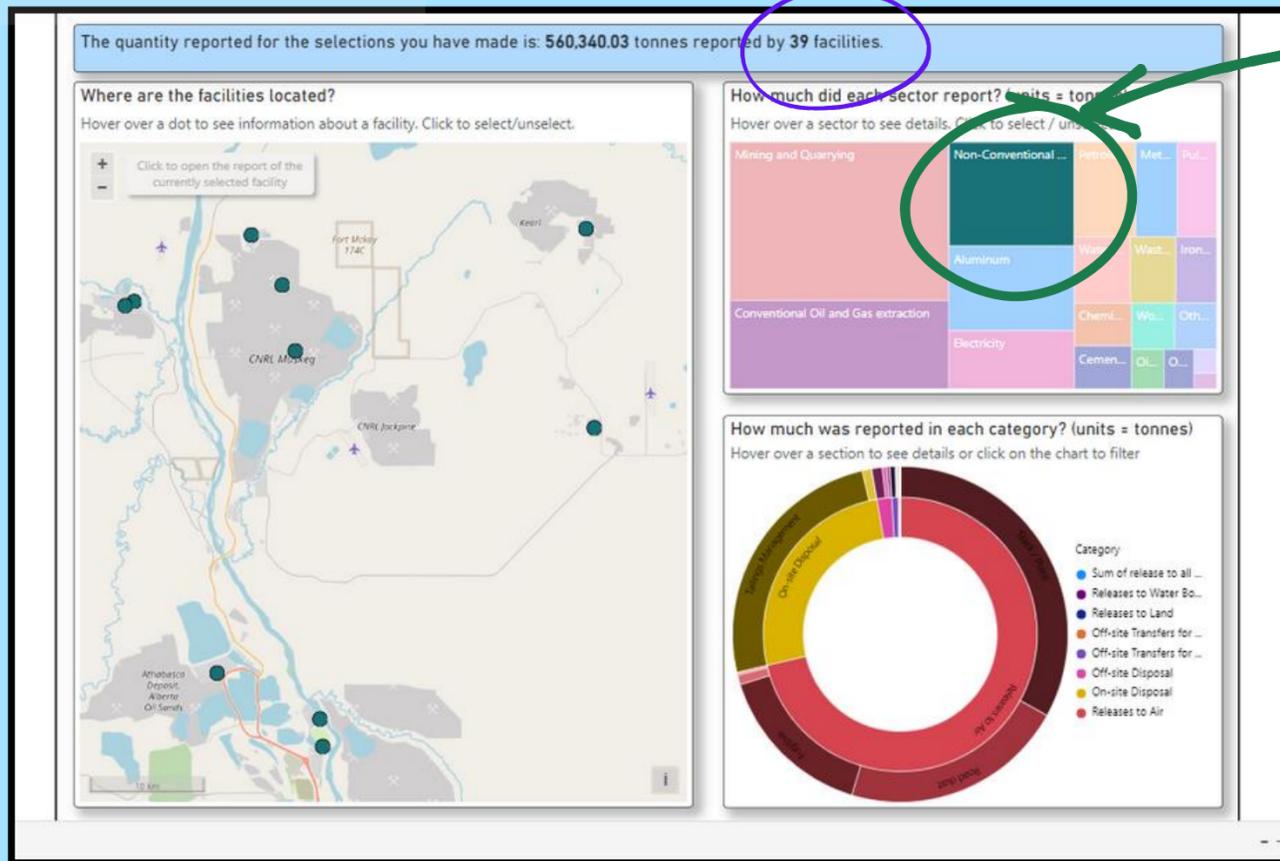
# NPRI DASHBOARD - Search by Facility

## Using - Imperial Oil's Kearl Mine



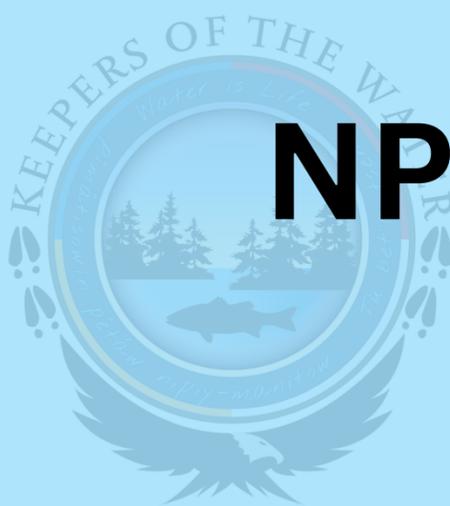
### Non-Conventional Oil Extraction

Notice the number of Facilities changes when you make selections



See the Substances Reported for that year





# NPRI DASHBOARD - Search by Facility

## Using - Imperial Oil's Kearl Mine Non-Conventional Oil Extraction



How much of each substance was reported? (units = tonnes)

You can use the search bar or the legend at the right of the graph to find and select one or more substances.

Filter the substance list by Part(s)\*

1a 1b 2 3 4

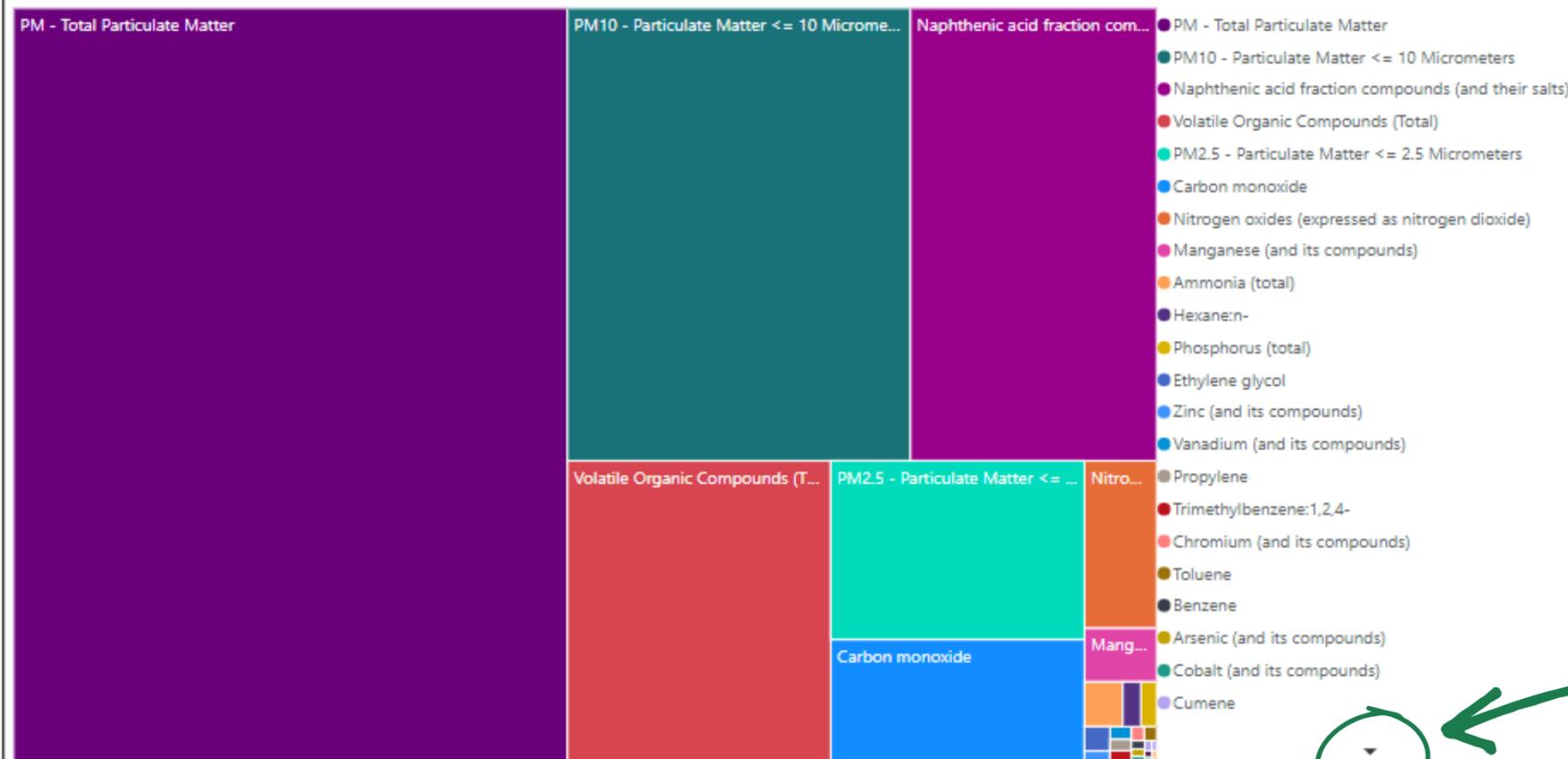
\*For more information on which substances are listed under which part of the NPRI substance list, please see the [Substance list by threshold](#)

Search for substances

Search

Select one or more substances

All



When you hover your cursor over the bar chart it will display the amounts of each substance reported for the year selected

Next we will search by a substance using naphthenic acids

LIVE DEMO

Use arrow to see more substances being reported



# NPRI DASHBOARD - Landing Page

## Dashboard on National Pollutant Release Inventory (NPRI)

### NPRI Data Dashboard

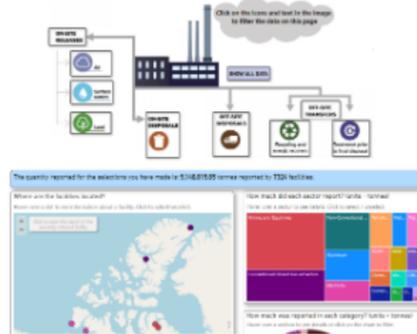
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2023-10-03

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**Explore NPRI Data**  
(currently displaying data for 2022)



**Drill into data by location, sector, substance**

View a summary the NPRI data reported by all facilities and drill into it by selecting substances, locations and/or sectors of interest. Use this section to answer questions such as:

- "which sectors report the most particulate matter?" or
- "how many facilities in Manitoba reported disposals of lead?"

Choose how to display the data:

By Substance | **By Sector** | By Facility | By Province | By Release Type

Releases, disposals and transfers (by sector):





# NPRI DASHBOARD - Drill into data by location, sector and substance



### NPRI data summary

Data as of: 2023-10-03

**Filter the data:**  
Use these controls to choose the data that is displayed on this page:  
(If the tables and graphs below are blank, this indicates that no quantities were reported for the selections you have made. Please make another selection.)

**Select the part(s) of the substance list\***  
1a, 1b, 2, 3, 4

**Search for substances**  
Search

**Select the substance(s) of interest**  
1,1,2,2-Tetrachloroethane  
1,1,2-Trichloroethane  
1,1-Methylenebis(4-isocyanatocyclohexane)  
1,2,4-Trichlorobenzene  
1,2,4-Trimethylbenzene  
1,2-Dichloroethane  
1,2-Dichloropropane  
1,3-Butadiene  
1,4-Benzenediamine, N,N'-mixed phenyl and tolyl de...

**Select the type(s) of releases, disposals and transfers**  
Releases to Air  
Releases to Water Bodies  
Releases to Land  
Sum of release to all media (<1tonne)  
On-site Disposal  
Off-site Disposal  
Off-site Transfers for Treatment Prior to Fin...  
Off-site Transfers for Recycling

**Select the detailed type(s) of releases, disposals and transfers**  
All Media  
Biological Treatment  
Chemical Treatment  
Direct Discharges  
Energy Recovery  
Fugitive  
Incineration / Thermal  
Land Treatment  
Landfill  
Leaks  
Municipal Sewage Treatment Plant

**Select the province(s) or territories of interest**  
Alberta  
British Columbia  
Manitoba  
New Brunswick  
Newfoundland and Labrador  
Northwest Territories  
Nova Scotia  
Ontario  
Prince Edward Island  
Quebec  
Saskatchewan  
Yukon

**Search for communities**  
Search

**Select the community(ies) of interest (census divisions)**  
(Blank)  
Abitibi  
Abitibi-Ouest  
Acton  
Alberni-Clayoquot  
Albert  
Algoma  
Antigonish  
Antoine-Labelle  
Argenteuil  
Arthabaska

**Select the sector(s) of interest**  
Aluminum  
Cement, Lime and Other Non-Metallic Min...  
Chemicals  
Conventional Oil and Gas extraction  
Electricity  
Iron and Steel  
Metals (Except Aluminum and Iron and Ste...  
Mining and Quarrying  
Non-Conventional Oil Extraction (including ...  
Oil and Gas Pipelines and Storage  
Other (Except Manufacturing)  
Other Manufacturing  
Petroleum and Coal Product Refining and ...  
Plastics and Rubber

**Search for sectors**  
Search

**Select the sub-sector(s) of interest**  
111120 - Oilseed (except soybean) farming  
111419 - Other food crops grown under co...  
112320 - Broiler and other meat-type chick...  
112999 - All other miscellaneous animal pr...  
113311 - Logging (except contract)  
115110 - Support activities for crop product...  
115210 - Support activities for animal prod...  
211110 - Oil and gas extraction (except oil ...  
211113 - Conventional oil and gas extraction  
211114 - Non-conventional oil extraction  
211141 - In-situ oil sands extraction  
211142 - Mixed oil sands extraction

**Choose how to display the data:**  
By Substance | **By Sector** | By Facility | By Province | By Release Type

**Releases, disposals and transfers (by facility)\*:**  
This graph can only display data for a limited number of facilities at one time and should only be used as one of many filters has been applied. Complete data is available in the table below the graph.

Click on an NPRI (in the table or graph) to activate the 'Facility Details' button (to the right) and navigate to see the details of the information reported by a given facility.

NPRI ID	Company	Facility	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	Alberta Pacific Pulp and Paper Inc.	Alberta Pacific Pulp and Paper Inc.	6,807.94	7,000.00	6,933.00	7,714.00	8,515.70	8,659.00	7,507.70	7,036.70	6,762.60	5,167.81
11	Mineco Canada Inc.	Mineco Canada Inc. - Robertson Facility			74.80							
	Mineco Canada Inc.	Mineco Canada Inc. - Robertson Facility							327.40	109.60	582.07	763.91
16	Monsieur Specialty Chemicals Canada Inc.	Monsieur Specialty Chemicals Canada Inc. - Robertson Facility	154.00	70.07		83.94	177.47	177.47				
	Argenteuil Inc.	Argenteuil Inc.				336.30	428.40		847.70	891.40	629.07	688.00
21	Delbecq Inc.	Delbecq Inc. - Regouff Ltd.	379.90	799.74	389.17				470.00			
21	Delbecq Inc.	Delbecq Inc. - Regouff Ltd.	379.90	799.74	389.17				470.00			
28	BOFP Canada Inc.	BOFP Canada Inc. - COBROBLO - STP	1.00	1.00	1.14	16.00	16.00	16.00	16.00	16.00	16.00	16.00
31	BOFP Canada Inc.	BOFP Canada Inc. - Wabouche Mill	388.00	393.40	378.07	377.00	378.00	378.00	378.00	378.00	378.00	378.00
34	BOFP Canada Inc.	BOFP Canada Inc. - Wabouche Mill	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	Monsieur International Corporation	Monsieur International Corporation - Levesque	6.00	6.00	7.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
40	Monsieur International Corporation	Monsieur International Corporation - Levesque	6.00	6.00	7.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
44	Glencore Canada Corporation	Glencore Canada Corporation - Brunswick Mill	16,876.31	17,620.00	18,407.00	17,000.00	17,000.00					

### NPRI data summary

Data as of: 2023-10-03

**Filter the data:**  
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**Select the part(s) of the substance list\***  
1a, 1b, 2, 3, 4

**Search for substances**  
Search

**Select the substance(s) of interest**  
1,1,2,2-Tetrachloroethane  
1,1,2-Trichloroethane  
1,1-Methylenebis(4-isocyanatocyclohexane)  
1,2,4-Trichlorobenzene  
1,2,4-Trimethylbenzene  
1,2-Dichloroethane  
1,2-Dichloropropane  
1,3-Butadiene  
1,4-Benzenediamine, N,N'-mixed phenyl and tolyl de...

**Select the type(s) of releases, disposals and transfers**  
Releases to Air  
Releases to Water Bodies  
Releases to Land  
Sum of release to all media (<1tonne)  
On-site Disposal  
Off-site Disposal  
Off-site Transfers for Treatment Prior to Fin...  
Off-site Transfers for Recycling

**Select the detailed type(s) of releases, disposals and transfers**  
All Media  
Biological Treatment  
Chemical Treatment  
Direct Discharges  
Energy Recovery  
Fugitive  
Incineration / Thermal  
Land Treatment  
Landfill  
Leaks  
Municipal Sewage Treatment Plant

**Select the province(s) or territories of interest**  
Alberta  
British Columbia  
Manitoba  
New Brunswick  
Newfoundland and Labrador  
Northwest Territories  
Nova Scotia  
Ontario  
Prince Edward Island  
Quebec  
Saskatchewan  
Yukon

**Search for communities**  
Search

**Select the community(ies) of interest (census divisions)**  
(Blank)  
Abitibi  
Abitibi-Ouest  
Acton  
Alberni-Clayoquot  
Albert  
Algoma  
Antigonish  
Antoine-Labelle  
Argenteuil  
Arthabaska

**Select the sector(s) of interest**  
Aluminum  
Cement, Lime and Other Non-Metallic Min...  
Chemicals  
Conventional Oil and Gas extraction  
Electricity  
Iron and Steel  
Metals (Except Aluminum and Iron and Ste...  
Mining and Quarrying  
Non-Conventional Oil Extraction (including ...  
Oil and Gas Pipelines and Storage  
Other (Except Manufacturing)  
Other Manufacturing  
Petroleum and Coal Product Refining and ...  
Plastics and Rubber

**Search for sectors**  
Search

**Select the sub-sector(s) of interest**  
111120 - Oilseed (except soybean) farming  
111419 - Other food crops grown under co...  
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**Choose how to display the data:**



# NPRI DASHBOARD - Drill into data by location, sector and substance



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**NPRI data summary** Data as of: 2022-10-23

**Filter the data:**  
Use these controls to choose the data that is displayed on this page.

**Select the period of the substance list:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

**Select the subcategory of interest:** 1.1.2.2 Substances, 1.1.2.3 Substances, 1.1.2.4 Substances, 1.1.2.5 Substances, 1.1.2.6 Substances, 1.1.2.7 Substances, 1.1.2.8 Substances, 1.1.2.9 Substances, 1.1.2.10 Substances, 1.1.2.11 Substances, 1.1.2.12 Substances, 1.1.2.13 Substances, 1.1.2.14 Substances, 1.1.2.15 Substances, 1.1.2.16 Substances, 1.1.2.17 Substances, 1.1.2.18 Substances, 1.1.2.19 Substances, 1.1.2.20 Substances, 1.1.2.21 Substances, 1.1.2.22 Substances, 1.1.2.23 Substances, 1.1.2.24 Substances, 1.1.2.25 Substances, 1.1.2.26 Substances, 1.1.2.27 Substances, 1.1.2.28 Substances, 1.1.2.29 Substances, 1.1.2.30 Substances, 1.1.2.31 Substances, 1.1.2.32 Substances, 1.1.2.33 Substances, 1.1.2.34 Substances, 1.1.2.35 Substances, 1.1.2.36 Substances, 1.1.2.37 Substances, 1.1.2.38 Substances, 1.1.2.39 Substances, 1.1.2.40 Substances, 1.1.2.41 Substances, 1.1.2.42 Substances, 1.1.2.43 Substances, 1.1.2.44 Substances, 1.1.2.45 Substances, 1.1.2.46 Substances, 1.1.2.47 Substances, 1.1.2.48 Substances, 1.1.2.49 Substances, 1.1.2.50 Substances, 1.1.2.51 Substances, 1.1.2.52 Substances, 1.1.2.53 Substances, 1.1.2.54 Substances, 1.1.2.55 Substances, 1.1.2.56 Substances, 1.1.2.57 Substances, 1.1.2.58 Substances, 1.1.2.59 Substances, 1.1.2.60 Substances, 1.1.2.61 Substances, 1.1.2.62 Substances, 1.1.2.63 Substances, 1.1.2.64 Substances, 1.1.2.65 Substances, 1.1.2.66 Substances, 1.1.2.67 Substances, 1.1.2.68 Substances, 1.1.2.69 Substances, 1.1.2.70 Substances, 1.1.2.71 Substances, 1.1.2.72 Substances, 1.1.2.73 Substances, 1.1.2.74 Substances, 1.1.2.75 Substances, 1.1.2.76 Substances, 1.1.2.77 Substances, 1.1.2.78 Substances, 1.1.2.79 Substances, 1.1.2.80 Substances, 1.1.2.81 Substances, 1.1.2.82 Substances, 1.1.2.83 Substances, 1.1.2.84 Substances, 1.1.2.85 Substances, 1.1.2.86 Substances, 1.1.2.87 Substances, 1.1.2.88 Substances, 1.1.2.89 Substances, 1.1.2.90 Substances, 1.1.2.91 Substances, 1.1.2.92 Substances, 1.1.2.93 Substances, 1.1.2.94 Substances, 1.1.2.95 Substances, 1.1.2.96 Substances, 1.1.2.97 Substances, 1.1.2.98 Substances, 1.1.2.99 Substances, 1.1.2.100 Substances

**Select the type of releases, disposals and transfers:** Release to Air, Release to Water Bodies, Release to Land, Run-off to Water Bodies, Other Disposal, Off-site Transfer for Treatment, Off-site Transfer for Recycling, Off-site Transfer for Storage

**Select the detailed type of releases, disposals and transfers:** All Releases, Biological Treatment, Chemical Treatment, Other Discharges, Storage Recovery, Incineration/Thermal, Land Treatment, Landfill, Leach, Material Storage Treatment Plant

**Choose how to display the data:** By Substance, By Sector, By Facility, By Province, By Release Type

**Releases, disposals and transfers (by facility)\*:** This graph can only display data for a limited number of facilities at one time and should only be used once one or more filters have been applied. Complete data is available in the table below the graph.

Click on an NPRI ID in the table or graph to activate the "Facility Details" button (to the right) and navigate to see the details of the information reported by a given facility.

**Total reported quantity (tonnes), by facility**

NPRI ID	Company - Facility	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	Alberta Pacific Forest Industries Inc. - Alberta Pacific Forest Industries Inc.	8,627.66	7,000.95	6,933.05	7,774.88	8,575.19	8,659.33	7,102.79	7,306.76	5,753.44	5,581.61
11	Hexion Canada Inc. - Hexion Canada Inc. - Edmonton Facility			74.86				101.43	139.69	140.77	153.90
	Hexion Canada Inc. - Hexion Canada Inc. - Edmonton Facility										0
	Momentive Specialty Chemicals Canada Inc. - Momentive Specialty Chemicals Canada - Edmonton Facility	114.78	77.07		83.36	177.41	111.61				
15	Baycoat Ltd. - Baycoat Ltd.				336.35	418.40					
	Dofasco Inc., Stelco Inc. - Baycoat							442.29	493.69	449.57	448.89
	Dofasco Inc., Stelco Inc. - Baycoat Ltd.	329.99	295.14	289.72			410.08				
21	Bolton Steel Tube Co. Ltd. - Bolton Plant	138.26	114.31	160.61	130.03	167.44	103.41	123.16	140.14	121.78	92.00
28	BASF Canada Inc. - CORNWALL SITE	1.92	1.36	1.24	15.53	3.29	3.24	1.34	1.23	1.38	1.24
31	BASF Canada Inc. - Windsor Site	369.49	335.63	273.37	237.78	224.18	202.28	181.83	175.35	307.02	187.61
34	BASF Canada Inc. - TORONTO SITE	0.12	0.03	0.05	1.38	2.44	1.67	0.36	0.12	0.05	0.04
40	Masonite International Corporation - Lemieux	8.00	9.10	7.73	6.82	9.08	9.63	9.31			
	Masonite International Corporation - Windsor								8.16	9.73	
54	Glencore Canada Corporation - Brunswick Mine	26,816.3	224.05	184.07	12.04	130.24					

**Releases, disposals and transfers (by facility)\*:** once one or more filters have been applied. Complete data is available in the table below the graph.

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hover your cursor over the chart and table for additional details

LIVE DEMO →



Canadian  
Environmental Law  
Association  
EQUITY. JUSTICE. HEALTH.

# NPRI Data Search - Landing Page

Downloadable reports and .cvs (spreadsheets) can be created

## National Pollutant Release Inventory data search

Welcome to the new National Pollutant Release Inventory (NPRI) data search tool. You can use this tool to search detailed information on pollutant releases (to air, water and land), disposals and transfers for recycling reported by facilities to the NPRI. You can also use this tool to display facility data by location, sector and substance as well as to view pollution prevention information.

The data presented here is current as of October 5, 2023.

Links to other datasets are available for facilities that also report to the Greenhouse Gas Reporting Program (GHGRP) and the Canadian Nuclear Safety Commission (CNSC) on radionuclides.

### Search criteria

Reporting year

from

2022

to

2022

Company or facility name or NPRI ID

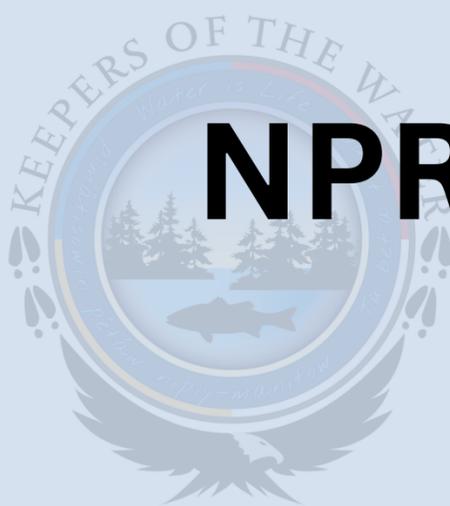
▶ Advanced search

Search

Reset

Open  
Advanced  
Search

Change the years  
you want reported



Canadian  
Environmental Law  
Association  
EQUITY. JUSTICE. HEALTH.

# NPRI Data Search - Search by Substance

## Using - Imperial Oil and Naphthenic Acids

Change the Facility  
NPRI ID Number

Search criteria

Reporting year from  to

Company or facility name or NPRI ID

▼ Advanced search

Substance name

Release/disposal/transfer category

Province

Community

Postal code

Key industrial sector

Select the  
Substance  
you are  
looking for

HIT SEARCH →



# NPRI Data Search - Search Results

## Using - Imperial Oil and Naphthenic Acids



Canadian Environmental Law Association  
EQUITY. JUSTICE. HEALTH.

Results Total number of reports: 3

[Download as CSV](#)

Filter items  Show  reports per page

NPRI ID	GHGRP ID	Year	Company	Facility	City	Province	NAICS	Unit	Releases				Disposal
									Air	Water	Land	Total	On-site
<a href="#">27506</a>	<a href="#">610750</a>	2020	Imperial Oil Resources Limited	Kearl Oil Sands Processing Plant and Mine	FORT MCKAY	Alberta	211142	tonnes	-	-	-	-	7,045.09
<a href="#">27506</a>	-	2021	Imperial Oil Resources Limited	Kearl Oil Sands Processing Plant and Mine	Fort McKay	Alberta	211142	tonnes	-	-	-	-	8,012.40
<a href="#">27506</a>	-	2022	Imperial Oil Resources	Kearl Oil Sands Processing	Fort McKay	Alberta	211142	tonnes	-	-	-	-	7,742.69

Select a Reporting YEAR

View the Facility Report →



# NPRI Data Search - Search by Substance

## Using - Imperial Oil and Naphthenic Acids



Facility Report	
<a href="#">Return to search</a>	<a href="#">Return to Search Results</a>
<b>Information for Kearl Oil Sands Processing Plant and Mine</b>	
Reporting year	2020
Company	Imperial Oil Resources Limited
Company Mailing Address	PoBox 2480 Post Office Box 505 Quarry Park Boulevard Southeast Calgary Alberta T2P 3M9 Canada
Facility	Kearl Oil Sands Processing Plant and Mine
NPRI ID	27506
Facility Physical Address	02-09-097-07-W4 FORT MCKAY Alberta

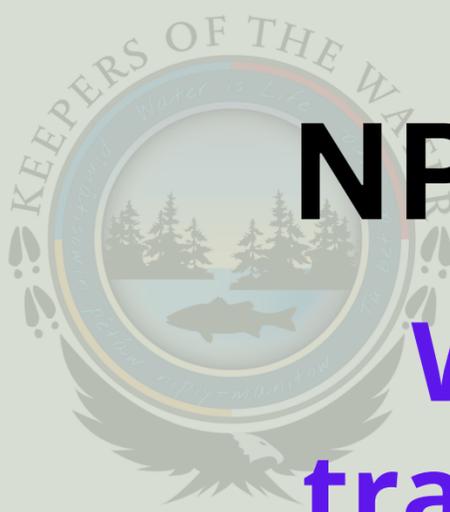
Scroll Down the Facility Report to Find tabs for:

- Substances
- Releases
- Disposals and Transfers

Facility	Substances	Releases	Disposals and Transfers	Electricity Generating Units	All years										
<b>Facility details</b>															
Business number	890235856														
DUNS Number	240164582														
Number of full-time employee equivalents	2000														
Contact information	Moniz Mukto Position: Phone: 587-476-2443 Ext: Email: moniz.mukto@esso.ca														
Parent company	<table border="1"><thead><tr><th>Parent company</th><th>Percentage ownership</th><th>Address</th><th>Business number</th><th>DUNS Number</th></tr></thead><tbody><tr><td>Imperial Oil Limited</td><td>100.00</td><td></td><td>121491815</td><td></td></tr></tbody></table>					Parent company	Percentage ownership	Address	Business number	DUNS Number	Imperial Oil Limited	100.00		121491815	
Parent company	Percentage ownership	Address	Business number	DUNS Number											
Imperial Oil Limited	100.00		121491815												
Typical days of operation	Monday / Tuesday / Wednesday / Thursday / Friday / Saturday / Sunday														

**LIVE DEMO on Data Search**





# NPRI Data Search - Search by Postal Code



What pollutants are released and transferred in near your community?

Search criteria

Reporting year from  to

Company or facility name or NPRI ID

▼ Advanced search

Substance name   
Enter at least two characters to display the options.

Release/disposal/transfer category

Province

Community

Postal code

Key industrial sector

NAICS

Facility has a P2 Plan

Enter the First 3 characters of your postal code for a broad list or enter the whole postal code for a local list



**LIVE DEMO Postal Code Search**





# Limitations of NPRI

- Does not report on all potential harmful pollutants – more than 23,000 substances on Canada's Domestic Substance List
- Does not cover pollutants that have **pesticide applications** only
- Does not include **greenhouse gases**
- Does not include **radionuclides**
- Generally does not include pollutants that fall under the threshold of 10 tonnes manufactured, produced or used
- Generally does not include smaller facilities (e.g. dry cleaners and gas stations)



# Limitations of NPRI – continued...

- Does not include mobile sources such as cars, trucks, and construction equipment
- Does not include natural sources such as forest fires and erosion
- Does not include information about risks of pollutants released or transferred
- Does not include information on exposures to people or the environment
- Does not include information about the amount of pollutants allowed to be released and transferred under permits regulations or agreements



**For more information, contact:**

**Crystal Stamp-Cardinal  
Keepers of the Water  
[projects@keepersofthewater.ca](mailto:projects@keepersofthewater.ca)**

**Fe DeLeon  
Canadian Environmental Law Association  
[deleonf@cela.ca](mailto:deleonf@cela.ca)**

**Thank you/ ay hay/ mahsi cho/ nitsiniiyi'taki/ Miigwech**

**Acknowledgement:**

**This project was undertaken with the financial support of the Government of Canada through the federal Department of Environment and Climate Change.  
Ce projet a été réalisé avec l'appui financier du gouvernement du Canada agissant par l'entremise du ministère fédéral de l'Environnement et du Changement climatique.**