

Federal Contaminated Sites Action Plan

Results for
2021 - 2022



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Public Information Centre
Place Vincent Massey building
351 St-Joseph boulevard
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Toll free: 1-800-668-6767
Email: enviroinfo@ec.gc.ca

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About the Federal Contaminated Sites Action Plan (FCSAP)

There are thousands of contaminated sites in Canada. Many of them are located either:

- on lands owned or leased by the federal government; or
- where the federal government has accepted responsibility for the contamination.

These sites are called “federal contaminated sites.” Often, the contamination comes from activities that occurred in the past, when:

- environmental consequences were not well understood; and
- when policies and laws to reduce the risk of creating contamination did not exist.

Federal contaminated sites contain substances in quantities that may be dangerous to human health and the environment. In 2005, the Government of Canada created the Federal Contaminated Sites Action Plan (FCSAP) to:

- clean up these sites; and
- protect the health of people in Canada and Canada’s natural environment.

FCSAP is a federal program that provides funding to:

- government departments;
- agencies; and
- consolidated Crown corporations.

The organizations being funded are called “custodians”. Custodians use this funding to assess, remediate and risk manage the contaminated sites that they are responsible for. Through FCSAP, custodians have assessed more than 8,400 sites to understand the source and magnitude of contamination. Custodians have also remediated and risk managed 1,800 sites to remove—or block exposure to—contamination.

FCSAP is divided into phases. This report summarizes results for fiscal year 2021-2022, the second year of Phase IV. For additional information [consult the full report](#).

Examples of FCSAP-funded contaminated sites:

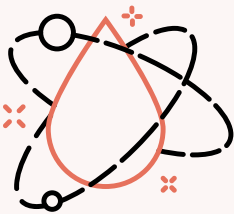
- Harbours (former industrial uses)
- Protected heritage areas, such as national parks, national historic sites, and national marine protected areas (former waste disposal sites, fuel storage sites and pre-park activities)
- Lighthouse stations (contaminated by lead paint and mercury)
- Military bases (firing ranges and training facilities)
- First Nations reserves (former sawmills and fuel storage areas)

Benefits of FCSAP



Human and Environmental Health

Addresses federal contaminated sites to safeguard the health of ecosystems and people in Canada.

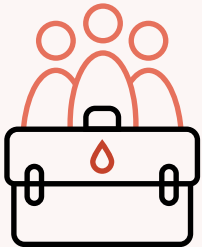


Innovation

Promotes the development of new technologies by sharing:

- innovative remediation solutions; and
- scientific knowledge

with the federal community and the private sector.



Social and Economic

Creates jobs and supports skills development, including in:

- Indigenous communities; and
- northern and rural areas.

FCSAP created or maintained 1,030 jobs in the waste management and remediation industry in 2021-2022. This number is based on an equation from ECO Canada.

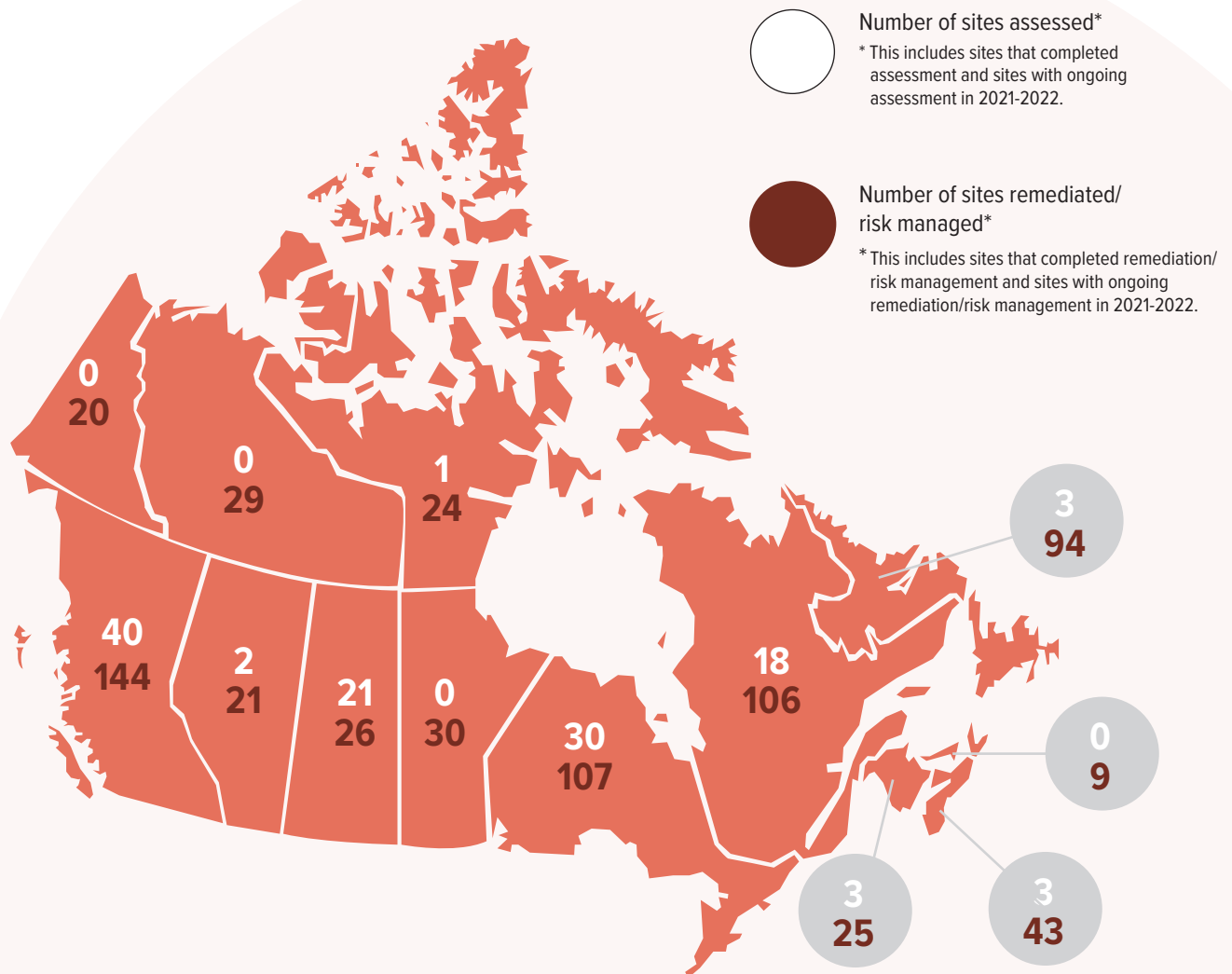
Overview of FCSAP’s Assessment and Remediation/ Risk Management Work across Canada

Assessing, remediating, and risk managing a site is a complex process that can take many years. The duration of remediation activities at a site depends on many factors, including:

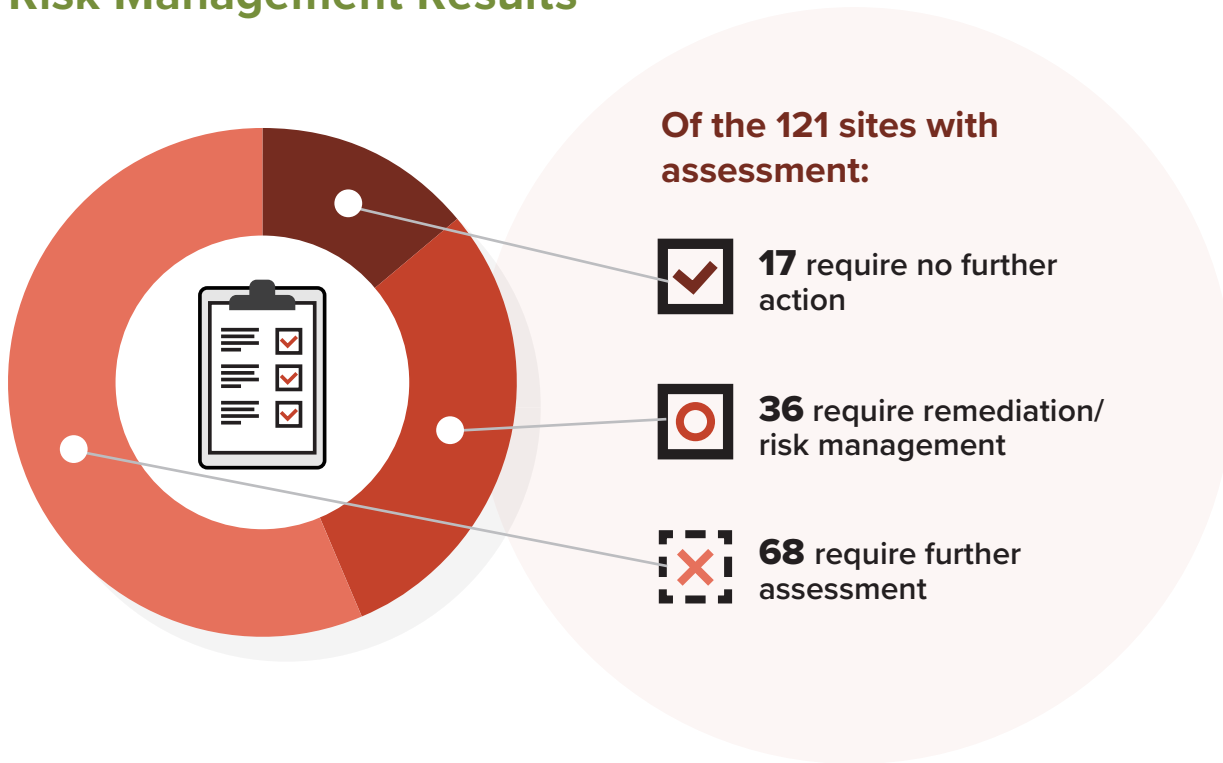
- the nature and extent of the contamination;
- scientific knowledge of the contamination;
- location of the site; and
- time to work with partners and consult affected Indigenous groups and local communities.

In 2021-2022, FCSAP spent \$5.6 million on assessment at 121 sites and \$164.7 million on remediation and risk management at 678 sites.

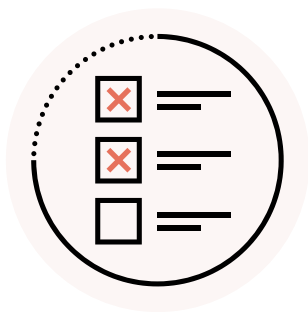
FCSAP’s Work Across the Country



Assessment and Remediation/ Risk Management Results



Of the 678 sites with remediation/risk management:



480 sites
require further
remediation/risk
management



108 sites
in long-term
monitoring



90 sites
were closed

Liability Reduction

Remediation/risk management expenditures at FCSAP funded sites in 2021-2022 reduced financial liability by \$169 million.

Example of Remediation/Risk Management Project

Custodian	Public Services and Procurement Canada
Site Name	Former Sambault Landfill
Location	Saint-Isidore-de-Laprairie, Quebec
Cause of contamination	The site was an illegal landfill between 1965 and 1986.
Contaminants	Metals, petroleum hydrocarbons, chlorinated solvents
Contaminated media	Soil, groundwater, surface water
Total remediation expenditures in 2021-2022	\$0.9 million
FCSAP remediation expenditures in 2021-2022	\$0.7 million
Liability reduction in 2021-2022	\$2.0 million

For more information about FCSAP, visit www.canada.ca/contaminated-sites or email us: pascf-fcsap@ec.gc.ca.