



Federal Contaminated Sites Action Plan (FCSAP)

Results for Phase III (2016-2017 to 2019-2020)

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Environment and Climate Change Canada
Public Inquiries Centre
12th Floor, Fontaine Building
200 Sacré-Coeur Boulevard
Gatineau QC K1A 0H3
Telephone: 819-938-3860
Toll Free: 1-800-668-6767 (in Canada only)
Email: enviroinfo@ec.gc.ca

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About the Federal Contaminated Sites Action Plan

There are thousands of contaminated sites in Canada, many of them located on lands owned or leased by the federal government or where the federal government has accepted responsibility for the contamination. These are known as “federal contaminated sites”. Often, the contamination comes from historical activities that occurred when environmental consequences were not well understood and when policies and laws to reduce the risk of creating new contamination did not exist.

Federal contaminated sites contain substances in quantities that may be dangerous to human health and the environment. Recognizing the importance of cleaning up these sites and protecting the human health and natural environment of Canadians, the Government of Canada established the Federal Contaminated Sites Action Plan (FCSAP) in 2005.

FCSAP is a federal program that provides funding to government departments, agencies and consolidated Crown corporations (known as custodians) to assess, remediate and risk manage the contaminated sites for which they are responsible. Through FCSAP, more than 8,200 sites have been assessed to understand the source and magnitude of contamination and over 1,600 sites have been remediated/risk managed to remove or block exposure to contamination.

FCSAP is delivered in Phases. This report summarizes results for Phase III (2016-2017 to 2019-2020).

Examples of FCSAP-funded contaminated sites:

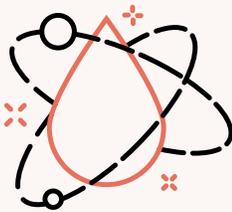
- Harbours (former industrial uses)
- Protected heritage areas, such as national parks, national historic sites and national marine protected areas (former waste disposal sites, fuel storage sites and pre-park activities)
- Lighthouse stations (contaminated by lead paint and mercury)
- Military bases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

Benefits of FCSAP



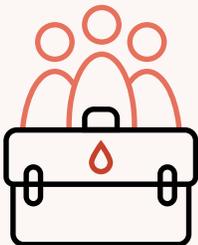
Human and Environmental Health

Addresses federal contaminated sites to safeguard the health of ecosystems and of Canadians.



Innovation

Promotes the development of new technologies by sharing innovative remediation solutions and scientific knowledge with the federal community and private sector.

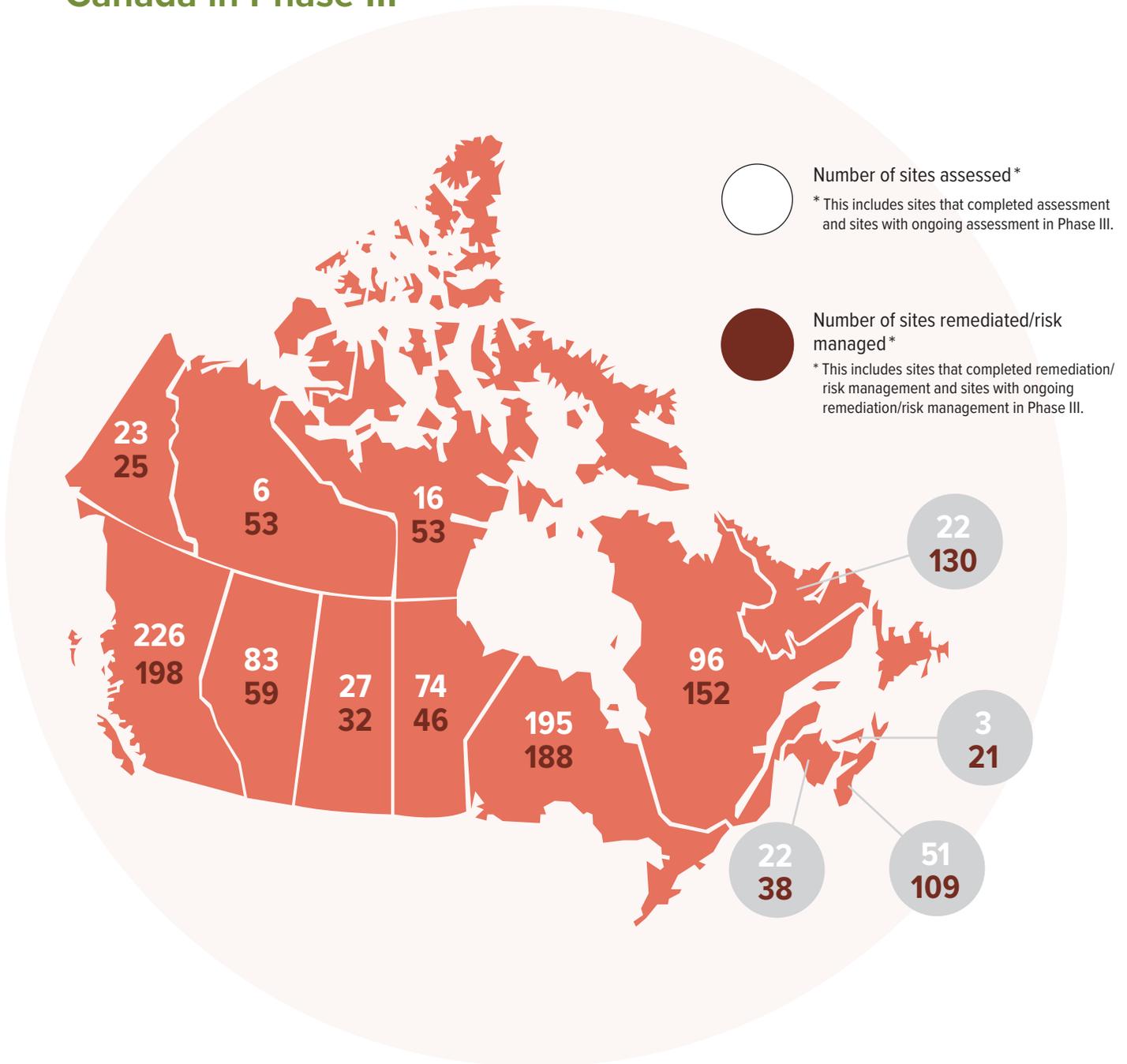


Social and Economic

Creates jobs and supports skills development, including in Indigenous communities and in northern and rural areas.

In Phase III, it is estimated that 8,600 jobs were created or maintained in the waste management and remediation industry through FCSAP.

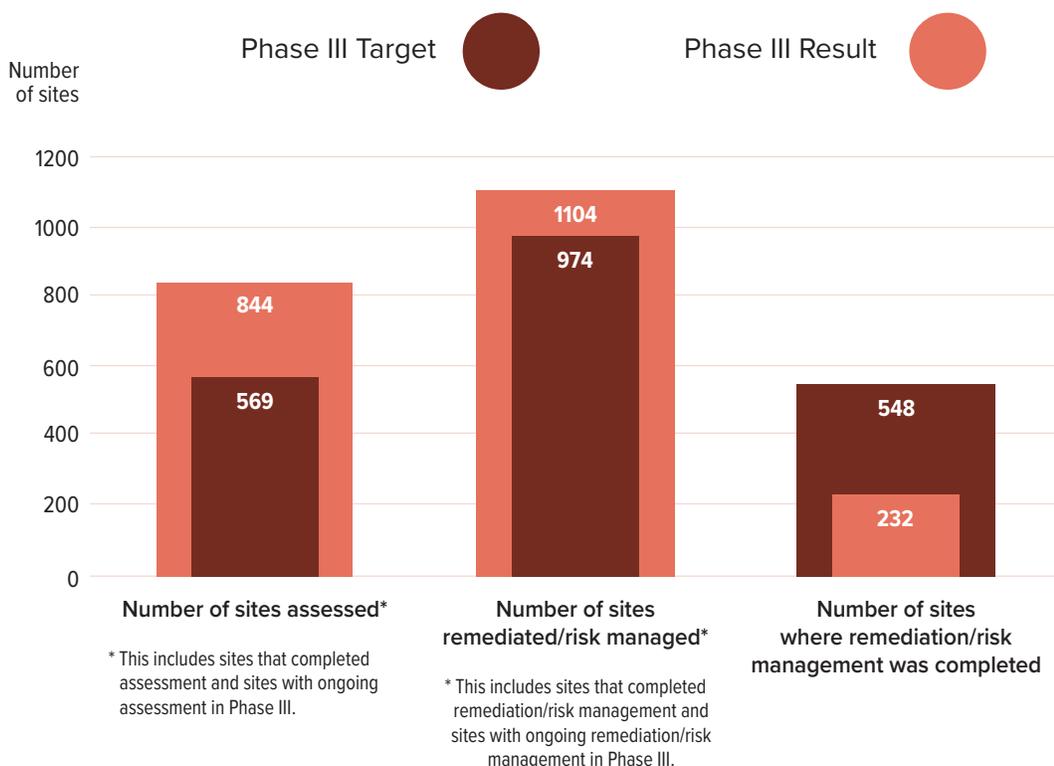
Overview of FCSAP's Assessment and Remediation/Risk Management Work across Canada in Phase III



In Phase III, \$48.1 million of FCSAP funding was spent on assessment at 844 sites and \$1.485 billion of FCSAP funding was spent on remediation/risk management at 1,104 sites.

Assessment and Remediation/Risk Management Results

Targets are based on the forecast from custodians of the number, duration and cost of their projects. If surplus funds become available, custodians can work at more sites than planned.



Targets for completing remediation/risk management were not met because weather, contracting and other delays prevented some sites from completing work in Phase III as expected.

Liability Reduction

Remediation/risk management expenditures in Phase III reduced federal liability by \$1.4 billion.

Examples of Remediation/Risk Management Projects Completed in Phase III:

Custodian	Department of National Defence
Location	Headingly Transmitter Site, Headingly, Manitoba
Reason for contamination	Fuel from historical use of the transmitter site. Two ultrasonic transmitters containing heating oil were located on the property.
Type of contamination	Polycyclic aromatic hydrocarbons and petroleum hydrocarbons
Contaminated media	Soil
Date of remediation	November 2017 to February 2018
Total expenditures at the site	\$682,358
FCSAP expenditures at the site	\$539,960
Liability reduction	\$531,134

During remediation work



After remediation work



Custodian	Environment and Climate Change Canada
Location	Thames River Hydrometric Station, Thamesville, Ontario
Reason for contamination	Mercury contamination resulting from operational use of the site.
Type of contamination	Elemental mercury
Contaminated media	Soil
Date of remediation	June and July 2017
Total expenditures at the site	\$64,866
FCSAP expenditures at the site	\$64,866
Liability reduction	\$64,866

For more information about FCSAP and for examples of completed projects, visit www.canada.ca/contaminated-sites or email us: FCSAP.PASCF@ec.gc.ca