# Pigeon Lake project overview



### **Project objective**

Remediate and reclaim Imperial's sites located on Pigeon Lake Reserve #138A and return these sites to their former land use, for productive use by the Maskwacis Cree Nations.

# **Project strategy**

Remediation and reclamation through the removal of impacted soil for offsite disposal and site revegetation to reflect historical land use. Imperial continues to actively engage with the four Maskwacis Cree Nations throughout project planning and execution to ensure the sites are restored per the approved End Land Use Plans. Remediation and reclamation activities are completed as per the Canadian Council of Ministers of the Environment (CCME) Environmental Quality Guidelines and the Alberta Energy Regulator (AER) Upstream Oil and Gas Reclamation and Remediation Program standards.

Imperial further strives to maximize First Nation employment and contracting opportunities on the project, as defined by the Project Contracting Strategy.

Imperial engages directly with the Maskwacis Cree Nations on a regular basis through the Pigeon Lake Reclamation Committee, which consists of representatives from the four Maskwacis Cree Nations, Imperial, and Indian Oil and Gas Canada (IOGC).

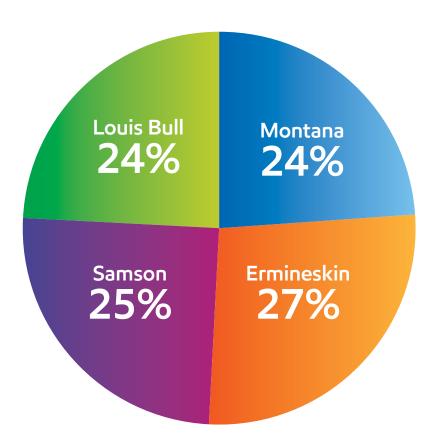


Sample analysis



Groundwater monitoring wells

#### Division of contracting opportunities among **Maskwacis Cree Nations**



# Field history and project background

1951

Texaco began drilling at the Pigeon Lake First Nation Reserve #138A, part of the Bonnie Glen field. The Reserve is inhabited and shared by the Maskwacis Cree Nations.

Imperial merged with Texaco; Bonnie Glen field became an Imperial operation.

1996

Bonnie Glen field entered its final stages of production, and ceased operations in 2008.

2014

2008 - 2013

Field abandonment

assessment began.

was completed;

environmental

A new Reclamation Committee is formed with the Maskwacis Cree Nations, Imperial, and the Regulator (IOGC) to work toward site reclamation Imperial's reclamation of its surface leases.

2015 - 2017

Imperial obtains Band Council Resolutions (BCR) from the four Maskwacis Cree Nations documenting objectives (End Land Use).

Imperial executes remediation and reclamation activities at a number of sites.

2018 - 2019:

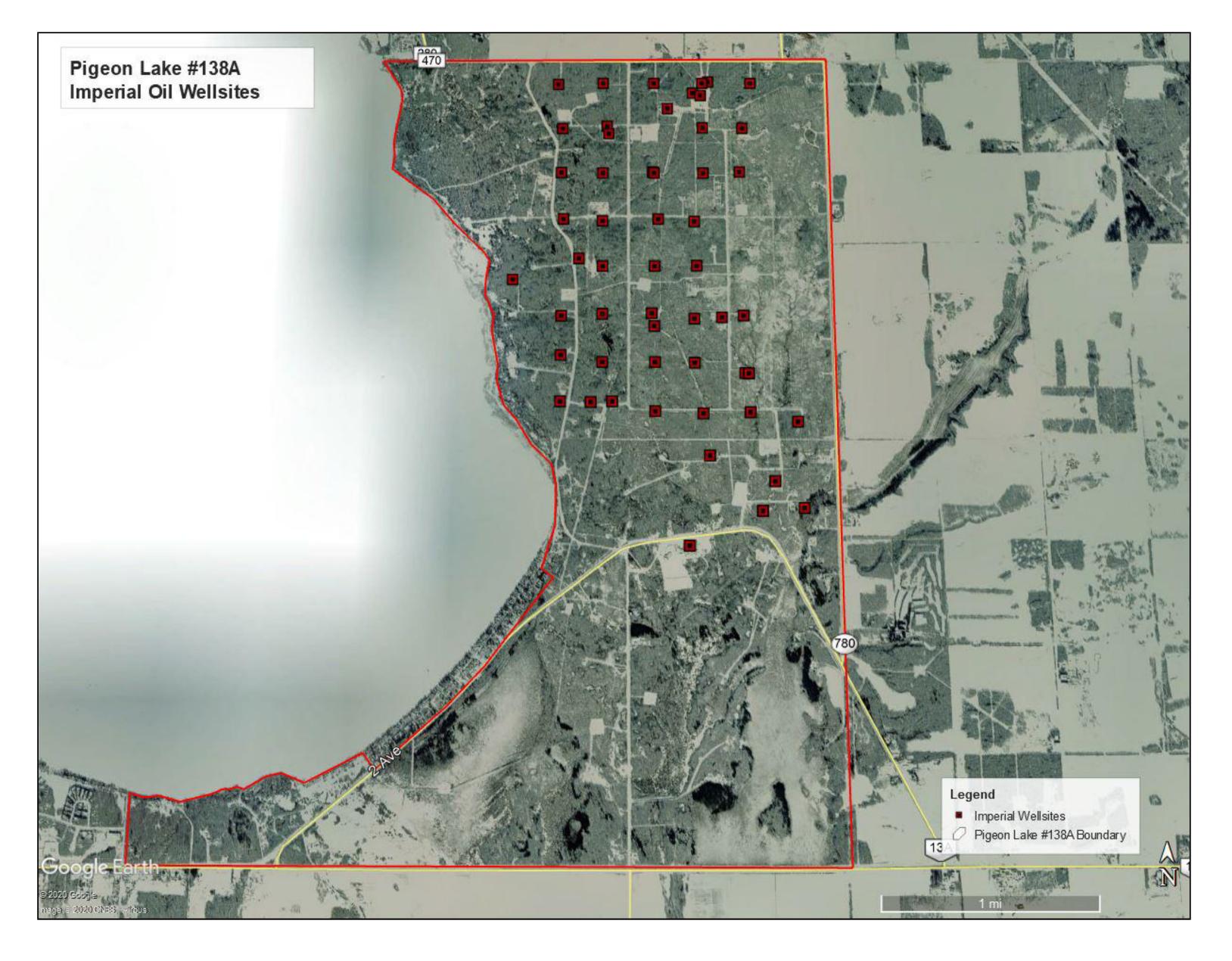
Deferral of field work execution to address oustanding issues outlined by the Nations, one of which was the project contracting strategy.

2019:

Acceptance of project contracting strategy for the Maskwacis Cree Nations

Imperial resumes remediation and reclamation activities at a number of sites.

Bonnie Glen Field: Imperial sites on Pigeon Lake Reserve



# Imperial leases on Pigeon Lake Reserve

- Former operating sites: 48
- Other former leases (access roads/power lines, etc): 8
- Total sites to be reclaimed and surrendered: 56

Of the 48 former operating sites...

- number of sites requiring additional environmental assessment: 6
- number of sites requiring environmental remediation: 42
- number of sites that meet environmental criteria for remediation and are ready for reclamation: 7

