

# **RECLAIM 7.0 Estimate**

## **KBL – Inuvik Soil Treatment Facility Application**

Notes: This reclaim estimate has been prepared for the project as proposed. The estimate has been prepared using the most recent Oil and Gas RECLAIM Model (v.7.0).

### Assumptions:

- KBL defaults on the licence and the GNWT would hire a 3<sup>rd</sup> party to run and close the facility.
- The facility would be run for 1 year.
- The facility would be at capacity for contaminated soil (6,361 m<sup>3</sup>).
- Any remaining soil that did not meet treatment standards would be removed to an approved contaminated soil disposal facility in AB or BC (1 time allocation).
- Water treatment would be required annually for the 1 years of operation.

### *Buildings and Equipment*

- No buildings or sheds on site.
- All storage tanks would be clean, mobilized and moved from the site.

### *Chemicals and Contaminated Soils Management*

- One (1) contaminated soil cell full at abandonment 6,361 m<sup>3</sup>
- Contaminated soil removal to AB or BC– 1 time allocation (\$5,000)
- Contaminated soil investigation/audit – assumed 3 events @ \$1,000 (\$3,000)

### *Surface and Groundwater Management*

- Doze/contour berms, liner area of pad and water collection pond – 6,371 m<sup>3</sup>
- Restore natural drainage (remove liner) – 2 people 12 hr shift - 24 manhrs
- Assumed no pipes or pipelines

### *Water Treatment Costs*

- WTP Operations for 1 year for two ASTs stored water – 126 m<sup>3</sup> (total)
- Sample analysis of SNP and groundwater 1/year at \$7,000 for 2 years - \$14,000
- Reporting annually for 2 years (Annual Report, O&M, Waste Management) @ \$10,000/year - \$20,000.

Engineering- 5 % standard

Project Management- 5 % standard

Contingency- 20% standard