

Remote Northern Projects:

A Discussion on More Than a Decade of Environmental Work in the North



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RemTech 2017

IEG Consultants Ltd.

- Joint venture company between the Inuvialuit Development Corporation and Kloth Crippen Berger since 2006
- Conducts environmental projects in the north

Remote Northern Projects



STAKEHOLDER

- Community Expectations
 - Community Members
 - Hunter and Trapper Committees
- Engagement
- Cultural Norms



STAKEHOLDER



STAKEHOLDER

- Several Regulators involved in each project
 - Department of Lands
 - Environmental Impact Screening Committee
 - Inuvialuit Water Board
 - Inuvialuit Land Administration
 - Department of Fisheries and Oceans
 - Canadian Wildlife Services
- Regulator expectations and requirements

STAKEHOLDER



LOGISTICS

- Modes of transportation for personnel and supplies
 - Barge, boat, helicopter, charter flight, snowmobile, ice road, etc.
 - Summer vs. winter
- Scheduling and Coordination
- Safety
 - Communication, wildlife monitor

LOGISTICS



LOGISTICS



TECHNICAL

- Appropriate technical approach
- Environmental conditions
 - Permafrost, delta environment
- Influencing factors
 - Weather, weather, weather
 - Costs

TECHNICAL



TECHNICAL



TECHNICAL



TECHNICAL



STRATEGIES

Communication

- Consultation with Stakeholders prior to project initiation
- Open dialogue throughout the project
- Cooperation with all stakeholders including on-site project team

STRATEGIES

Preparation and Planning

- Ample time for prep and planning
- Appropriate method of logistics
- Supplies for any circumstance

STRATEGIES

Appropriate Technical Approach

- Involve stakeholders
- Involve specialists
- Summer vs. winter
- On-site treatment of impacted soil
- Risk Assessment if possible

Working in the North presents unique challenges, but can be managed successfully with the appropriate strategies



A photograph of a shoreline with a body of water on the left, a sandy beach with driftwood in the center, and dense green vegetation on the right. The word "QUESTIONS?" is overlaid in the center.

QUESTIONS?