



TRACETM
A S S O C I A T E S



Management of Large Area-Based Oil and Gas Reclamation Programs – A Consulting Perspective

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Presentation Overview

Types of Management



Why Area-Based Programs?



What Makes Area-Based Programs Work?



Challenges

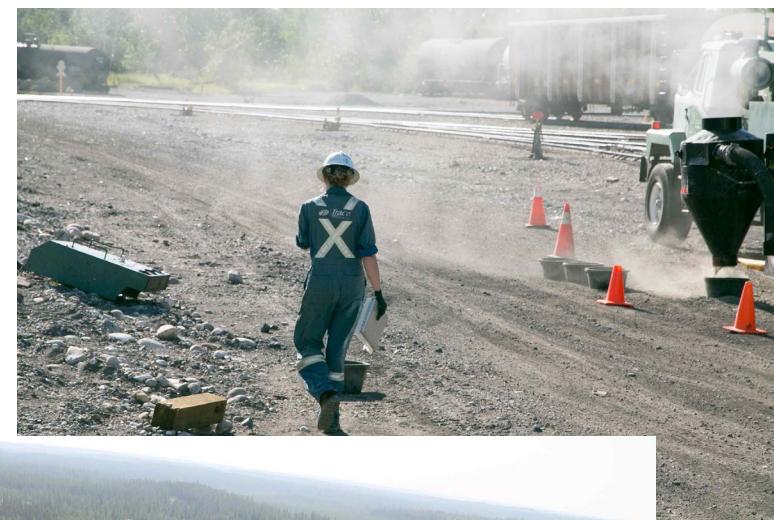


Conclusions



Types of Management:

- What are they?
- When do we see them being executed?



Task-Based Management:

- Smaller number of sites to be worked on
- Multiple consultants working on one site
- Multiple consultants competing for work within a single geographical area
- Low budget year
- Niche work



Area-Based Management:

- **When is it appropriate to use a multiple site closure method versus picking away at sites one at a time?**
 - Large portfolio of sites near one another
 - Specific time frame to capitalize on efficiencies
 - Multi-disciplinary teams
 - Cross-trained staff
 - Dedicated team
 - 1 to 2 project managers
 - Consistent field staff



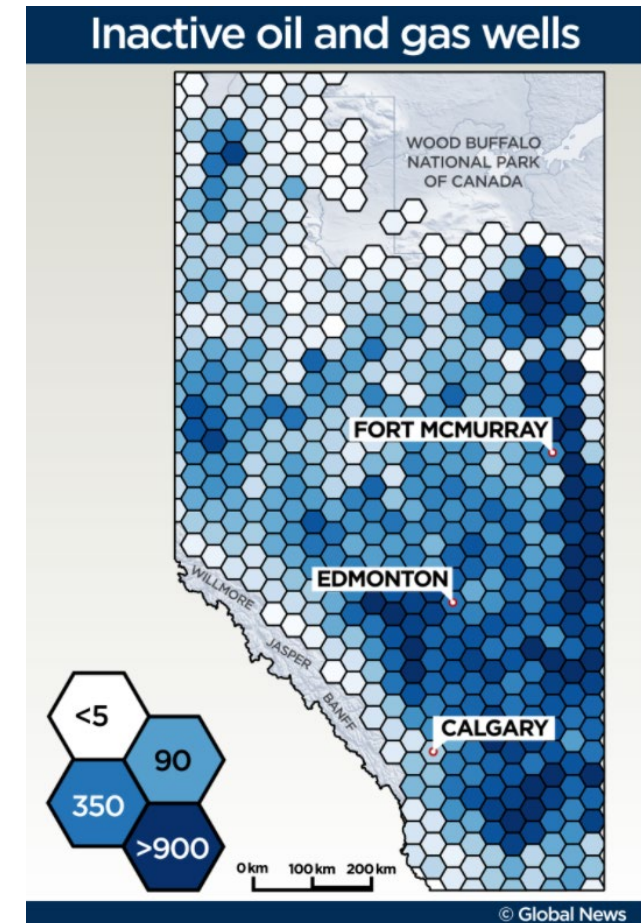
Why Area-Based Programs?

- Accelerated way to reduce liability
- Cost-effective technique
- Smaller number of clients working on a larger geographical clusters of wells
- Increasing number of wells going into the Orphan Well Association



What Are Area-Based Programs?:

- “Cradle-to-grave” program within a defined geographical boundary
- One consultant conducting all stages of work
- Consistently reduce overall costs / site execution
- Programs often include “commodity” work



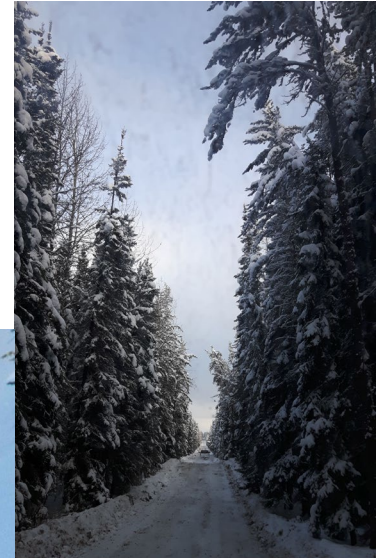
What makes it work?:

- Great program management
- Understanding of all scopes of work
- Cross-trained staff
- Consistent teams
- Over-communication
- Effective collaboration between all parties involved (landowners, operations, regulators, clients, and consultants)
- Be open to new ideas



Challenges:

- Access issues
- Weather
- Wildlife
- Usually a short time frame for a large amount of work
- Meeting expectations (client, regulator, your own)
- Resourcing
- Frustrated landowners
- Mental health



Conclusions:

- Efficiencies in conducting area-based programs over task-based management of projects
- Planning, planning, planning... fail to plan, plan to fail
- Need dedicated and experienced program managers
- Ever changing programs – must be able to adapt on the fly
- Increased cost effectiveness
- Accelerated site closure for multiple sites = reduced liability



Questions? We're here to help.



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