

**Ilse Dome Field
Moffat County, Colorado
POC-I LLC
Cement Pit Remediation Plan – Ilse Dome Tank Battery – Facility ID #480890**

Decommissioning and Removal of the Large Cement Pit in the Tank Battery

Executive Summary

The Ilse Dome Field Cement Pit Remediation Plan outlines a strategic approach to decommissioning and removing a large cement sump/pit within the tank battery area. POC-I LLC is committed to executing this project with the utmost care for environmental protection, regulatory compliance, and operational efficiency. This plan details the project's objectives, methodologies, benefits, and timeline, ensuring that all stakeholders know its scope and significance well.

Project Overview – Ilse Dome Tank Battery – Facility ID #480890

The large cement sump/pit, which has been integral to the field's operations for years, may present a potential environmental hazard. The decision to decommission and remove this structure is motivated by the need to eliminate possible sources of contamination, adhere to environmental regulations, and optimize the field's design and functionality layout for future operational improvements.

Objectives

1. **Comprehensive Environmental Safeguarding:** Beyond eliminating potential contamination sources, the project aims to enhance the site's overall environmental integrity through cleanup and restoration.
2. **Regulatory Compliance:** Ensure all activities strictly comply with applicable local, state, and federal environmental regulations.
3. **Operational Excellence and Site Improvement:** Prepare the ground for updated operational improvements that enhance efficiency and safety without necessitating expansion, thereby preserving natural resources and minimizing adverse environmental impact.

Approach and Methodology

1. **Assessment and Planning:** Conduct a comprehensive assessment with POC-I LLC retained contractors to understand the pit's structure, contents, and surrounding environment. Develop a detailed plan that minimizes adverse environmental impact.
2. **Liquid Removal:** Utilize vac trucks to extract and dispose of all liquids from the pit safely.
3. **Cover Removal:** Dismantle the pit cover to facilitate access for cleaning and eventual removal of the cement structure.
4. **Cement Cleaning:** Employ high-pressure washing techniques to cleanse the cement structure. Vac trucks will again be used to remove the resultant wastewater and debris.
5. **Structural Decommissioning:** Systematically break down the cement structure for removal, ensuring no hazardous materials are left behind.
6. **Material Disposal:** Responsibly transport and dispose of all materials to a licensed facility, ensuring compliance with all relevant waste management regulations.
7. **Soil Sampling:** Conduct thorough soil sampling around the pit area to confirm the removal of all contaminated soil and the effectiveness of the remediation efforts.
8. **Site Restoration:** Refill the site with clean material, compacting it to prevent future settling. The area will then be landscaped to blend with the surrounding environment or prepped for new installations.
9. **Environmental Monitoring:** Initiate an ongoing onsite monitoring program to detect any potential release of contaminants post-removal, including regular soil and water assessments.

Benefits to the Environment and the Field

- **Elimination of Contamination Risks:** By decommissioning and removing the cement pit, potential sources of environmental contamination are eliminated, protecting groundwater and soil quality.
- **Compliance with Regulations:** This process ensures compliance with environmental regulations, thereby meeting the requirements of the Oil and Gas Conservation Act to protect public health, safety, welfare, and environment and wildlife resources and reduce the potential liability of POC-I LLC.
- **Preparation for Site Improvements:** Removing the cement pit will prepare the tank battery for improvements and the installation of new vessels without expanding the footprint of the tank battery.

Benefits to the Environment and Field Operations

- Reduced Contamination Risks: The project protects groundwater and soil from potential pollutants.
- Regulatory Assurance: Align field operations with the requirements of the Oil and Gas Conservation Act to protect public health, safety, welfare and environment and wildlife resources and ECMC regulations, and also reducing the potential liability of POC-I LLC.
- Operational Readiness: Prepares the site for technological upgrades and new installations, optimizing efficiency with less need for expansion.

Project Timing

- Proposed Starting Date: June 1, 2024
- Anticipated Project Duration: Detailed project timelines and milestones will be developed following the initial assessment phase, ensuring the project is completed efficiently without compromising safety or environmental protection measures.
- Project Prioritization: The cement pit removal will be prioritized behind existing remediation projects currently active in the Ilse Dome Field. The safety of personnel and limiting environmental risk will be the priorities in scheduling this project around the other two existing ECMC remediation projects.

Anticipated Timeline and Milestones

1. Pre-Project Phase (1-2 Months Before Start): Engage with POC-I-retained contractor to outline the plan for the project, including site visits and safety evaluations.
2. Project Initiation (June 1, 2024): Commence with onsite preparations, including equipment setup and safety briefings.
3. Execution Phase (2 – 3 Months): Implement the detailed decommissioning and remediation processes, adjusting timelines based on real-time findings.
4. Post-Project Phase (1 – 2 Months After Completion): Conduct comprehensive environmental sampling and final cleanups to finalize site restoration.