

JetShear™ Processing Plant Pilot

Decommissioning Plan

Submitted to the Alberta Energy Regulator

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1. Current Status

The 01-35-040-01W4 Jet Shear facility is currently shut in and has not been operational since 2023.

Since being shut in, Cenovus has completed preliminary site clean-up which includes:

- emptying all tanks and flow lines of production fluids;
- cleaning auxiliary equipment;
- blinding and sealing of equipment to prevent damage/corrosion;

2. Facility Removal (Dismantling)

During the Dismantling Phase of the facility site several activities will be required to take place to prepare the site for both dismantling and eventual remediation. The Dismantling Phase will require Cenovus to manage all produced waste during the dismantling, maintain and operate all monitoring systems and remove all surface and underground infrastructure unless authorized otherwise.

Dismantling and demolition activities will be undertaken in accordance with the following standards and guidelines:

- Alberta Building Code 2006, Volume 2, Division B, Part 8;
- CSA Standard S350-M “Code of Practice for Safety in Demolition of Structures”;
- Alberta Fire Code 2006, Division B, Section 5.6, Construction and Demolition Sites; and
- Alberta Occupational Health and Safety Code, 2009, Part 30 Demolition and relevant sections especially Part 4 Chemical Hazards, Biological Hazards and Harmful Substances, Part 6 Cranes, Hoists and Lifting Devices, Part 9 Fall Protection, Part 23 Scaffolds and Temporary Work Platforms, Part 32 Excavation and Tunneling.

As mentioned above, Cenovus has completed preliminary site clean-up at time of shut-in which included the emptying of tanks and flow lines, cleaning auxiliary equipment, blinding off and sealing off equipment.

Buildings, process equipment, tanks and associated piping have been drained and cleaned to allow for safe dismantling and demolition. Prior to dismantling electrical and natural gas, isolation will occur to the remaining infrastructure.

High value equipment, or items that have been identified for re-utilization will be re-located to Cenovus storage yards or other Cenovus facilities for re-purposing. Remaining items and materials will be demolished and processed / segregated into scrap salvage, recycling and landfill waste streams.

Decommissioning will include the removal of all piping, instrumentation, valves, building skids, racking, poles, pilings, and other materials or infrastructure. All piles will be removed or cut off below grade with a targeted cut and cap depth of approximately 2 m. Underground pipelines and electrical cables will be abandoned (i.e. cut below grade to lease edge). A list of buildings and equipment to be removed is provided below.

Items that can be reused will be reused at other Cenovus sites or sold.

- Surface Lease HDR Facility 01-35-040-01W4
 - Production storage AST (2 x 2000 bbl, 1 x 1000 bbl, 1 x 100 bbl)
 - Flare Stack
 - Thermal Incinerators (2)
 - Coolers (2)
 - Separator Vessels (20)
 - Buildings (8)
 - MCC's (3), Pump Building, Truck Out, Office Trailer, C-Cans (2)
 - Electric Motors (4)

3. Waste Management

Several different types of waste have been identified that will be generated during the dismantling activities. This waste could include:

- woody debris from site infrastructure;
- insulation from site infrastructure;
- steel from site infrastructure;
- aggregate used as surface base material;
- crushed concrete from site foundations and piles;
- electrical cables from site infrastructure;
- equipment and instrumentation;
- domestic waste generated during dismantling activities;
- hydrocarbon refuse including but not limited to tanks, drums and lubricants;

Options for handling waste material will be evaluated based on technical, environmental and economic factors. There will be a preference for reuse or recycling.

A summary of manifested waste loads and disposal locations will be tracked by the dismantling vendor. Cenovus site management will maintain daily records of the dismantling and demolition activity including any related site monitoring.

4. Infrastructure Proposed to Remain

There are no current plans to leave any facility, infrastructure or other materials on site.