

Jenner Atlee- Buffalo Injection Well

CANCEN

The Facility



About

Cancen is operating a facility in Jenner-Atlee, AB. This facility serves the Oil & Gas industry as a disposal site for produced water and other well fluids. Fluid is received at the Jenner facility via transportation services including Hawk Well Service 2009 Inc., a wholly owned subsidiary of Cancen Oil Canada Corp.

Cancen operations

Cancen presently separates solids from all produced water and fluids received at the facility through the use of retention tanks which settle out all solids. The water then passes through a screen filter before it is introduced to the injection well for disposal. Cancen will be introducing Hydrocarbon Extraction Technology (HCXT) and H₂O Maxx technology for separating and disposal of Produced Water, Swabbing fluids and Well Work Over fluids. Fluids transfer is available for 30m³ Water loads. VAC trucks provide 20m³ loads for Swabbing mud and fluids with high solids.

Oil/water separation

The Cancen H₂O Maxx separation process includes a technology that focuses on providing oil and gas producers solutions for their "produced water" disposal. The H₂O Maxx process uses patented technology employing microscopic aeration. The cleaner water provides more options for injection disposal or off shore discharge. At 10ppm additional oil is recovered, and reduces operating cost. H₂O Maxx is a commercially proven, safe, effective, and economical patented technology. In watered out wells producing as high as 90-95 percent water and 5-10 percent oil, H₂O Maxx can separate the oil and water right at the wellhead, reducing fluids and trucking costs up to 90 percent.

Solids Remediation - Cancen will be introducing Hydrocarbon Extraction Technology (HCXT).

HCXT makes use of bio-degradable chemicals that separate and clean drilling cutting transforming them from solids that would be waste product to solids that are approved by environmental agencies for commercial use as gravel or fill, even in residential areas. This technology greatly reduces ongoing liability for the maintenance and transportation of contaminated materials that could accompany the conventional disposal of drilling solids. The HCXT solids remediation unit is a commercially proven, safe, effective and economical process for the extraction and cleaning of hydrocarbon-laden sediments and solids. The technology uses biodegradable chemicals to separate heavy oil from solids, including drilling cuttings and fine sands and clays from oil sand production.

JENNER FACILITY - At ATLEE:

The Jenner location has been completely renovated to Cancen Oil Operational standards. The installation of new 750 bbl. storage tanks and 50 HP Tri- Plex Pump upgrade this facility to handle 500 cubic meters/day of produced water disposal (500m³/day) volume capacity.

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