

TRUE SUCCESSES

DEMULSIFIER RESOLVES WATER QUALITY ISSUES WHILE REDUCING COSTS

Challenge

A customer wanted to review and optimize their current chemical program for a Mannville oil battery. Prior to PureChem Services treating the facility, water injected into the disposal well contained upwards of 2,000 ppm of oil.

The existing program was expensive and not getting the desired results.

Solution

PureChem Services performed a facility review and proceeded with bottle testing to determine the fit-for-purpose solution to overcome this challenge.

Benefit

PureChem recommended switching the demulsifier to our DM-326.

The oil carry-over was reduced from 2,000 ppm to less than 50 ppm and the customer was able to begin selling this oil instead of injecting it into the disposal well.

Demulsifier consumption went from 13 litres per day down to two litres per day resulting in a reduction in costs and the need for an antifoamer was eliminated from the program. Vac truck services to skim the oil from the water tank was required far less often once the new program was implemented.

Area
Kindersley

Formation
Mannville

PureChem Product
DM-326

Cost Savings Over Five Month Trial

Demulsifier Costs	8,500
Eliminated Antifoamer	3,000
Vac Truck Services	25,000
TOTAL SAVINGS	\$36,500