

Demulsifier Resolves Water Quality Issues While Reducing Costs

Area
Kindersley

Formation
Manville

PureChem Products
DM-326

Cost Savings over 5 Month Trial

Demulifier Costs	8,500
Eliminate Antifoamer	3,000
Vac Truck Services	25,000
Total Savings	<u>\$36,500</u>

Challenge

The customer wanted to review/optimize his current chemical program for a Manville oil battery.

Prior to PureChem Services treating the facility, water injected into the disposal well contained upwards of 2000 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 Services recommended switching to DM-326.

The oil carry over was reduced from 2000 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/day, down to 2 litres/day, thus reducing costs.
- The need for an antifoamer was eliminated.
- Vac truck service to skim the oil from the water tank was required far less often.