



Case Study 1

$$\underline{\$3.7M} + \underline{\$1.6M} = \underline{\$5.3M \text{ CAD}}$$

Estimated value of incremental oil recovered Direct cleaning cost savings (2 tanks) Total savings

Alberta, CAN



Tanks	2
Initial budget	\$3.0M USD
Diameter	195 ft
Storage	Crude oil/Synthetic crude
Estimated sludge volume	≥10 ft/tank
Actual sludge level	≤12 in/tank
Incremental oil recovered	≈48,000 BBLs
Revised cleaning plan	✓



Case Study 2

$$\begin{array}{ccc}
 \underline{\$3.8M} & + & \underline{\$2.6M} & = & \underline{\$6.4M \text{ USD}} \\
 \text{Estimated value of} & & \text{Direct cleaning cost} & & \text{Total savings} \\
 \text{incremental oil recovered} & & \text{savings (1 tank)} & &
 \end{array}$$

Midwest, USA



Tanks	1
Initial budget	\$6.0M USD
Diameter	280 ft
Storage	Crude/Slop crude
Estimated sludge volume	≥6 ft/tank
Actual sludge level	≤12 in/tank
Incremental oil recovered	≈55,000 BBLs
Revised cleaning plan	✓



Case Study 3

\$0.6M USD

Direct cleaning cost savings
(1 tank)

Midwest, USA



Tanks	1
Initial budget	\$1.2M USD
Diameter	220 ft
Storage	Waste water/slop
Estimated sludge volume	≥3 ft/tank
Actual sludge level	≤12 in/tank
Incremental oil recovered	N/A
Revised cleaning plan	✓