



CONTAMINATED SOIL REMEDIATION

Active Upstream Oil & Gas Location

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Client

- Oil & Gas Producer

Problems

- Hydrocarbons
- C₆-C₁₀ ± 650 ppm
(Criteria = 130 ppm)
- Benzene ± 4.4 ppm
(Criteria = 0.048 ppm)
- Toluene ± 21 ppm
(Criteria = 0.16 ppm)
- Ethyl-Benzene ± 1.8 ppm
(Criteria = 0.36 ppm)



Project Summary

The impacted soil was contaminated with petroleum hydrocarbons resulting from an abandoned pipeline. The targeted remediation goals were the Alberta unconditional Tier 1 guidelines for hydrocarbons in a coarse-grained soil and an agricultural land use. On-site, there was a total of approximately 2,000 m³ to be treated. The scope of work was to process material by means of our dual-drive Allu bucket attachment.

Results and Advantages

- Achieved successful remediation for Benzene, Toluene, Ethyl-Benzene and F1 (C₆- C₁₀) petroleum hydrocarbons.

Duration and Cost

- Project completed in 2 weeks.
- Project Cost:
± \$27,500.00
(On Budget)



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