

Case Study – Enbridge Gas Distribution: GTA Project



Challenge

Horizontal Directional drilling of 24 Large bores (36" and 42") were planned to produce 70,000m³ of regulated liquid industrial waste. Five drill sites running concurrently and the high cost of liquid waste transportation meant the cost of waste management was going to be extremely high. The scope of work required that no liquid waste was to leave the site.

Solution

MetaFLO licensee – Allstream Waste Solutions – utilized their compact site set-ups to efficiently process the liquid industrial waste streams as produced from the five sites. Once solidified, the waste met criteria for clean fill and was used for beneficial re-use rehabilitation of an aggregate site, diverting 70,000m³ from landfill and drastically reducing transportation and disposal costs.

Result

Enbridge achieved greater than 30% cost savings, and the reduction of approximately 67% of Greenhouse Gas Emissions (GHG) from transportation. The compact design of the patented MetaFLO equipment and efficient site operations provided large volume capacity that allowed the project to meet its objectives within the scope of work. No in ground sumps were required and there was no liquid transported to transfer stations.

Date

January 2015

Key Stakeholders

MetaFLO Licensee: Allstream Waste Solutions Inc. (AWS)

Owner: Enbridge

GC: Michels

Contact MetaFLO

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