Project Profile: Cheecham Corridor Relocation Abandonment Plan

Client: Enbridge Pipelines Inc. (Enbridge)
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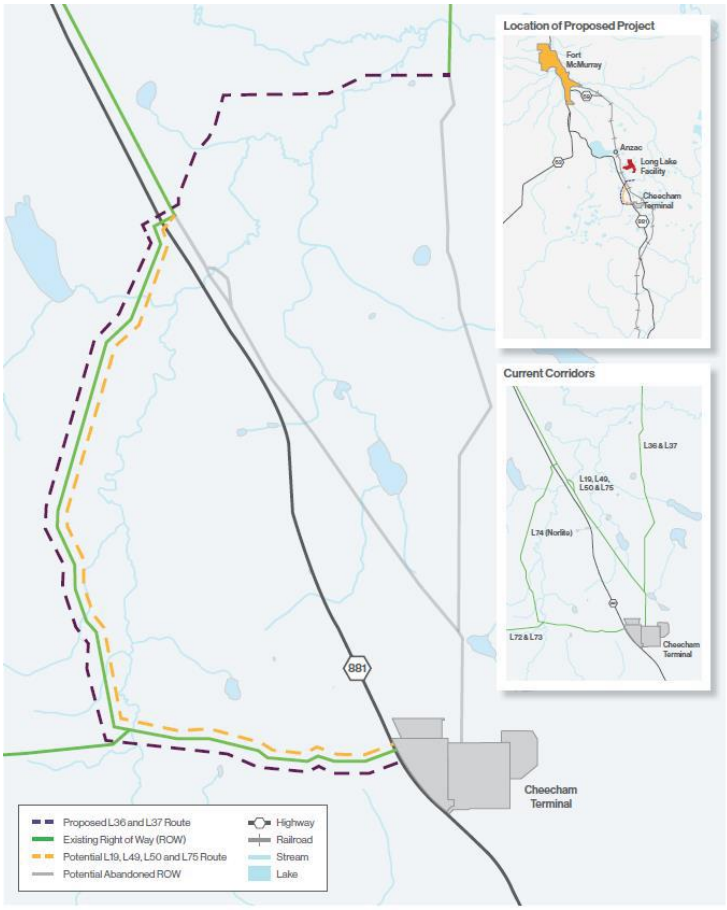
The Cheecham Corridor Relocation Project (CCR) involves the relocation of six pipelines north of Enbridge's Cheecham Terminal in the Ft. McMurray region. As part of the relocation of these pipelines, Enbridge was required to develop an abandonment plan pursuant to CSA Z662-15 Section 10.16.1 for the six pipeline segments to be abandoned.



The founders of Plex utilized their risk-based approach to develop the project abandonment plan by conducting a comprehensive literature review of all relevant regulations, standards, codes, and industry best practices pertaining to pipeline abandonment.

Upon completion of the literature review, a list of mandatory requirements for the scope of work was developed, as well as a list of all risks associated with pipeline abandonment found during the literature review. For each risk, an engineering analysis using project specific inputs was completed to evaluate the risk mechanisms, and the consequences if the risks were to be realized.

The results of these assessments were then used to facilitate a "what-if analysis" utilizing Enbridge's Risk Management Matrix and quantify the likelihood and consequences of each risk. From this analysis, the risks requiring mitigation were identified, and the project scope was defined. The scope of work was documented in the Abandonment Plan.

The utilization of the Plex risk-based approach to pipeline abandonment successfully ensured that the scope for the Cheecham Corridor Relocation Abandonment Plan was optimized to produce the most cost-effective scope, while ensuring the highest level of public safety, environmental stewardship, and regulatory compliance.