

PROJECT REFERENCE

NORTH WEST REDWATER PARTNERSHIP - TANKS FARM | DESIGN, BUILD & INSTALL

Location: Redwater, AB

Owner: North West Redwater Partnership (NWR)

STT Enviro Corp was awarded the design, build, install and commission of eight bolted liquid storage tanks and their foundations. The size of the tanks range from 10 to 40 meters (33 to 130 feet) in diameter with capacities up to 18,000 m³ (4.76 million gallons). The tanks were designed for a number of storage and treatment services including demineralized water, neutralization and membrane bioreactor feed and effluent.

The project is one of the largest projects in Alberta; North West Upgrading Inc. and Canadian Natural Resources are 50% stakeholders. The project, located in the oil sands of Alberta, is of great significance to the province and the country, as the local petroleum production will get refined and upgraded to allow Canada to become a major player in the global clean diesel market.

STT was awarded the Utilities & Off-Site storage tank scope of the project. STT was able to deliver the project within the required timeline and under the estimated budget, as compared to welded storage tanks.

STT Enviro Corp is considered a medium sized contractor on site, designing, supplying, installing and commissioning eight bolted liquid storage tanks, along with their foundations.



PROJECT HIGHLIGHTS

- One of the largest active projects in Alberta where the provincial government is also involved.
- STT worked closely with EPCM and owner to finalize design of each tank along with all the accessories and attachments to meet unique design requirements.
- STT provided design modifications to the existing plan to decrease construction costs and improve safety and functionality of foundations.
- STT's on site presence included Construction Management, Safety Personnel, Construction Crews and Site Engineering. STT Enviro Corp saved the client approximately 25% in total installed cost from their budgeted cost of storage tanks.