

SOLUTION DEVELOPED

QE first formed a team comprised of environmental technicians and a tank-cleaning subcontractor. QE mobilized to the site in the early summer of 2022.

To be able to inspect a tank, the air must be constantly monitored, the tank must be ventilated, emptied and cleaned. The tanks are ventilated by creating a venturi effect. To do so, all access holes at the bottom and one at the top are opened. Ventilators are then installed at the bottom to push air inside the tank, and a chimney is installed on the top, connected to a compressor, to exhaust the fumes through the chimney.

To empty the tank, a vacuum trailer system was used to remove the liquid and sludge and anti-sparking tools were used to remove the ice. The PHC-impacted liquids and solids were packaged into drums and labelled according to IMDG regulations in preparation for shipment and disposal at an accredited southern disposal facility.

For the cleaning, a heated pressure washer was used on the walls and the base of the tank, to remove the accumulated dirt and residue. Again, the vacuum trailer system was used to vacuum all the liquid and sludge.

The inspector was very impressed at the quality of QE's work and was able to complete his inspections. The quality and implementation of the health and safety program ensured that the work was completed without incident.

QE successfully cleaned:

- **Two 20-million L** capacity tanks of P50 diesel;
- **Two 1.5-million L** capacity tanks of gasoline;
- **Two 1.5-million L** capacity tanks of Jet-A fuel.

QE successfully disposed of:

- **Over 51,000 litres** (250 drums) of waste liquid petroleum product and sludge.

CONTACT

JENNIFER GODIN

Director, Northern Projects
SANEXEN

jgodin@sanexen.com
514-207-0667



SANEXEN