

## CASE STUDY

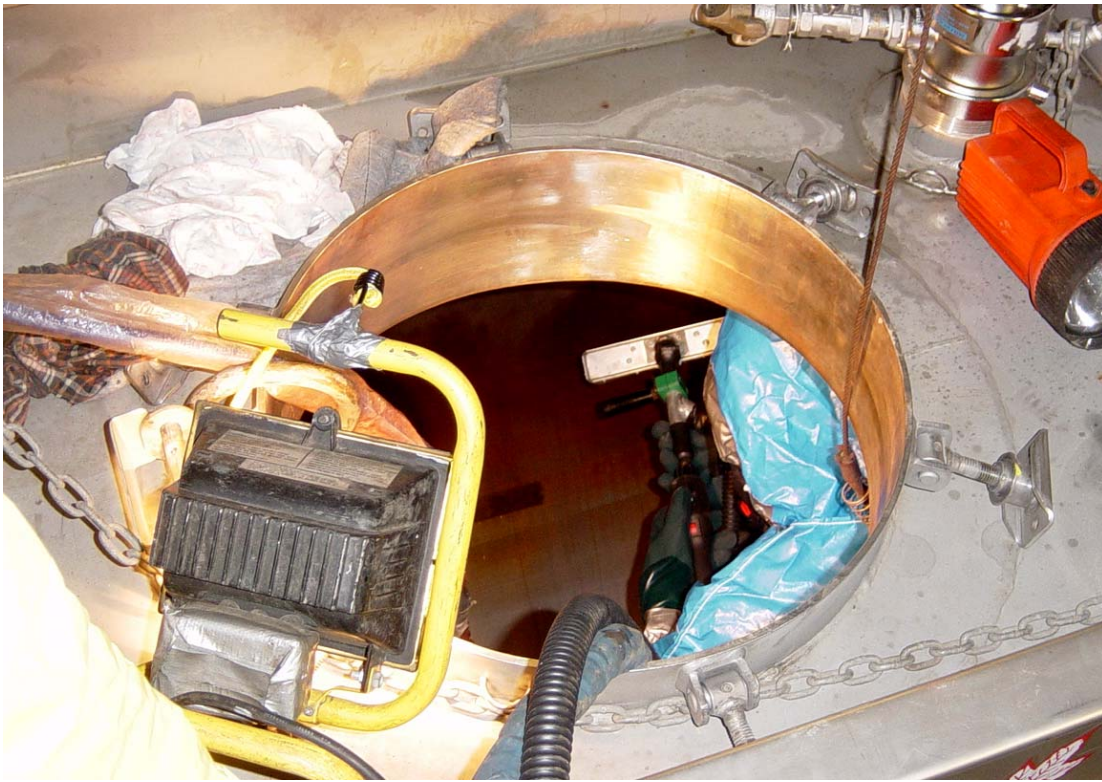
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These tankers were used to contain the water emptied from the boilers at the Pickering nuclear facility. The water was contaminated with a variety of chemicals including ammonia and was mildly radioactive. It took about a year to find a way to dispose of the water but the tankers were left covered on the inside with a contaminated sludge. Fielding Chemicals was retained to clean the interiors. Success was determined by swabs taken on the interior showing no chemical traces remaining after vapour cleaning.



After initial cleaning to remove sludge and heavy build up using rags the Rea UltraVapor unit (9 KW Super with vacuum) and the wall suction tool were used to remove all remaining chemicals and film from the interior of the tanker. The picture to the left shows how effective the equipment is in removing soils and film in a single pass





Technician using the suction brush to remove all residue from the inside of the tanker. The small agitation strip on the tool is also helping remove some of the staining on the metal but this was not a requirement of the contract. Swab results taken after cleaning showed no chemical residuals.

The time required to completely clean and sanitize the interior was 6 to 8 hours

