

## PROJECT PROFILE



Resource Industrial Group Inc. brought in a 53 ft long transport trailer to provide the piping, HVAC and millwrighting installation services to this state of the art Mobile Wastewater Treatment Facility. The trailer allows for recycling and disposal of waste water generated by local drilling operations, offshore oil production, bilge waters, and can respond to priority spill events. Key objectives of this project were to install all the owner supplied equipment, including pumps, compressors, filtration units, oil/water separators and generator to name just a few of the components and provide the process piping to and from the units. It included installation of a 4000L stainless steel spill pan and two 1000L undercarriage tanks. One was for collection of waste oil, the other for fuel for the generator. RIG had to first structurally modify the trailer such that all doors, vents,

fans etc were reinforced before installation could begin. In order to reduce weight in the trailer we used sch. 40 PVC pipe, valves and fittings. The design had to allow for low point drains for removal of all liquids and to ensure the design could withstand freezing while not in use. Non-slip safety grating was installed throughout the flooring system and a collapsible access platform and staircase with rails was fabricated in our shop and designed to store under the trailer. All supports and anchorages to the base and truck frame had to be designed to withstand any highway and road degradation and long distance travel. RIG was proud to be part of the design and construction of this unit and once again, met the high standards that we impose on ourselves in order to meet our aims of furthering a cleaner and safer environment.

### INDUSTRY TYPE

Waste and Water Recycling

### PROJECT

Mobile Wastewater Treatment Trailer

### LOCATION

Mobile



Resource Industrial Group.

