



Terra Water engineers, builds and installs custom 10,000-gallon wastewater tank

BACKGROUND

In fall 2021, Dexterra Group – a premier provider of facilities management and workforce accommodation services – approached Terra Water for a wastewater storage solution for a remote camp in Manitoba. Design requirements included meeting CSA B-66 standards, as well as Dexterra’s specifications.

SPECIFICATIONS

- 10,000-gallon volume
- above grade design
- mounted on a portable skid
- insulated and heated
- high alarm indication
- match other on-site buildings
- be field-serviceable

SOLUTION

After meeting with various vendors and discussing options, Terra recommended that a custom design would best suit the needs of the client and meet all regulatory requirements.

The design included a 10,000-gallon FRP tank, which was spray foamed and mounted on a roll-on, roll-off custom skid for easy relocation. The design was cladded using 1.5” insulated building panels to ‘hide’ the tank and ensure it blended in with other buildings at the camp.





SOLUTION CON'T

The custom-building panels were installed at the Terra shop and service hatches were installed on all areas of the tanks to allow the customer to quickly service the tank without having to remove insulation – a key feature considering the cold of winters in Manitoba.

Additional inlets and outlets were installed for more flexibility of use in the field. Terra's in-house fabrication team built the skids, mounted the tanks and built the building to surround the tank.

ABOUT TERRA WATER

From engineering and fabricating water and wastewater systems, to maintenance and troubleshooting - Terra offers complete end-to-end water solutions for large remote camps and small municipal systems.

Whatever the application, you get the best technology available to elevate your company to the next level in sustainability and efficiency.

