

Case Study

Anaerobic Digester Cleaning

The problem

The mixers in a customer's Anaerobic Digester had stopped working due to the volume of solids that had built up in the tank and also the customer needed to repair several small holes in the tank. To repair the mixers and the holes in the tank the tank needed to be emptied and cleaned.

The solution

The material in the Anaerobic Digester was broken up using a fire hose connected to a wash out onsite and then vacuumed out of the tank using one of our DISAB Centurions.

The wet material was then blown from the Disab into our mobile screening and dewatering plant which processed the material and deposited the dry material into a commercial bin at the rear of our mobile screening and dewatering plant. The customer removed the commercial bin using a forklift and tipped the dry material into their dry waste bays onsite for disposal.

Our mobile screening and dewatering plant pumped the screened wastewater back into the customer's process.

Once the tank had been emptied it was given a final clean using the fire hose connected to a wash out.

Completion of the Works

In a period of ten days we removed, screened and dewatered 900 tons of material from the Anaerobic Digester to enable the customer to repair the AD Plant.



Mobile Screening and Dewatering Plant discharging dry material into the commercial bin at the rear of the plant.



Dry material deposited into the customers dry waste bays onsite.



DISAB and Mobile Screening and Dewatering Plant.