



## Project: WWTP Digester Lids Repair

### The Problem

The digester lids at this WWTP were cracked and leaking methane gas. The preferred solution was to fix the lids while the digesters were operational.

This posed a problem since methane gas is notorious for interfering with the ability of cementitious products and most epoxies to cure.

**RPT HAS THE SOLUTION!**



### The Solution

RPT came in and pressure washed the lid surfaces to remove all oils, grease and organic contamination.

The large cracks were filled with the **Thortex Flexi-Tech** system which can cure while fully immersed in liquids. The metal lid penetrations had two (2) coats of **Thortex Corro-Tech GP** applied to abate future corrosion.. The entire lid surface was then coated with two (2) coats of **Thortex Poly-Nox**. **Poly-Nox** was chosen because of its ability to bridge and fill cracks up to 125 mils (1/8 inch) and for its elastomeric properties.

**RPT / RPT New York**

12 Iron Bridge Drive • Collegeville, PA 19426  
800.578.2772 • [www.repairandprotection.com](http://www.repairandprotection.com)