

## **Project: WWTP Expansion Joint Repair**



### **The Problem**

This waste water treatment plant had some expansion joints in their primary clarifier concrete basins that were in critical need of repair. They were leaking sewage into the ground.

The client wanted a solution that would provide a flexible membrane that allowed for the movement of the concrete slabs over time.

### **The Solution**

The concrete surface was washed and abraded to create a coarse anchor profile. The crew then applied **USI Elastomer Primer**. Once the surface was dry, a backer rod was inserted in the expansion joint as reinforcement.

**USI Elastomer EG** was then applied in the vertical joints and in the horizontal joints. **USI Elastomer EG** is an 80-durometer high performance, paste-grade elastomeric product with outstanding mechanical strength.

**USI Elastomer EG** formula is excellent for use on impellers, chutes, hoppers, valves, rollers, gaskets, etc.

