

## Waste Water Clarifier

July 2007, Shenandoah, Virginia USA.

Since there wasn't any eco-system involved, we decided to "upsized" the LG Sonic<sup>®</sup> unit due to the turbidity in the clarifier to produce as strong a signal as possible across the unit.

The installation involved placing a rigid conduit on the inside sidewall of the clarifier and the LG Sonic<sup>®</sup> mounted to the rear of the skimmer trough underneath the path of the rotating arm. The rotating skimmer easily passes over the conduit due to a rubber scraper at the end of the skimmer arm.

Our customer typically cleaned his 3 clarifiers each week which took 4-5 hours total. He now cleans all three clarifiers once a month. A visual notation was made that noted the improved clarity of the water inside the clarifier. The city also noticed a slight reduction in their chlorine demand before the discharge to the creek.

### No Ultrasound - Cleaned Yesterday



### With Ultrasound - Still Clean 30 days Later

