



City of Monroeville

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To Whom It May Concern,

April 21, 2014

Follow up to the DO₂E Aerators installed on January 10th, 2010, over 4 years ago at the Monroeville Wastewater Plant in Monroeville Alabama.

We are working on our 5th year since we installed the (2) - DO₂E High Volume Floating Aerators and the (2)- DO₂E Floating mixers. I wanted to let you know the results and what we think of the DO₂E equipment provided to us.

Maintenance Cost:

Total maintenance cost over the past 4 years for all aerators and mixers will not exceed \$1,000. The only maintenance we have had to perform was to simply change out the air filters on the blowers. We love it, no bearings to grease or replace. No belts to break or tighten. No moving parts really make this a dream to operate.

Our Annual maintenance savings was \$6,500 per year.

Our Cumulative Maintenance Savings over the 4-year period is \$26,000.

Dissolved Oxygen Levels:

According to our records over the past 4 years and our certified plant operator, Mr. Ernest Rowell, the Dissolved Oxygen levels hold steady at 8.5 ppm and have ranged as high as 12 ppm.

Sludge Digestion:

The treated section of the lagoon where the units are installed has been free and clear of all sludge since the units were installed. At the beginning, the sludge levels were in excess of 6 ft. deep through out the lagoon. These units do an excellent job of digesting the sludge and preventing it from building up.

Energy Savings:

This is what really impressed us!

Before installation of the DO₂E Aerators and Mixers, our power billed averaged \$12,500 per month.

We are now averaging \$1,800 per month.

Our monthly energy savings is \$10,700.

Our Annual Energy Savings is \$128,400.

Our Cumulative Energy Savings over the 4-year period is \$513,600.

Darlene Johnson, Wastewater Superintendent

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