



**GSEE**  
ENVIRONMENTAL  
CONSULTANTS

February 21, 2013

Carla V. Ott  
Otterbine, Inc.  
3840 Main Rd. East  
Emmaus, PA. 18049

**RE: 1/2HP Fractional Series ASCE Clean Water O<sub>2</sub> Testing and Pumpage Report**

Dear Carla:

Please find attached three (3) copies of the report covering the testing completed on the reference project. The results of the testing indicate the following:

1. The observed oxygen transfer and pumping results are similar to other small (<5 HP) floating aerators.
2. Generally, the higher the discharge extends above the aerator, the lower the oxygen transfer and pumping. The Gemini appears to be an exception to this rule in that it performed slightly better than the High Volume aerator.

The specific results for the Gemini and High Volume Fractional Aerators are tabulated below:

<b>Fractional Series: 1/2HP Gemini</b>	
SOTR (Lb. O <sub>2</sub> /Hr.)	Pumping (GPM)
1.13	506

<b>Fractional Series: 1/2HP High Volume</b>	
SOTR (Lb. O <sub>2</sub> /Hr.)	Pumping (GPM)
0.96	435

Please review the attached reports. If you have any question, feel free to contact us.

Best Regards,



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