

## **Product Test Report**

Date:            Aug 2011

Vender:        Gemini Packaging

:                Dave Stranks  
                  Bill Obrien, Elliott Bay Marina

Re:             Noflex Holding Tank Additive Test Results

Dave,

I did a test with the Noflex Digestor on a large holding tank that was placed on a portable barge at the Elliott Bay Marina in Seattle, WA

The test started at 12:30 PM, the outside temperature was 51 F and the inside tank temperature was 54 F, tank size is 36"X40"X40".

There were 300 liters of sewage and sludge in the bottom of the tank measured by the index markings on the outside of the tank.

The operator of the barge said the sludge was liquid; my observation was that there was some solidification to the sludge but I did not test the viscosity.

### **Test Procedure**

- I added one container (16.8oz) and about 2 gallons of clean water to mix it up.

### **Observations**

- The tank started foaming immediately and the foam covered the top of the sludge.
- The smell was greatly reduced as soon as the Noflex was added.
- The foam stayed on top of the tank for the duration of the day and was still foaming at 5:30 pm when I left the site.
- I added another gallon of water at 5:30 pm with no change to the condition, still foaming.



Pump-out barge at Elliott Bay Marina Seattle WA



Exit end of tank on Pump out barge at Elliott Bay Marina in Seattle

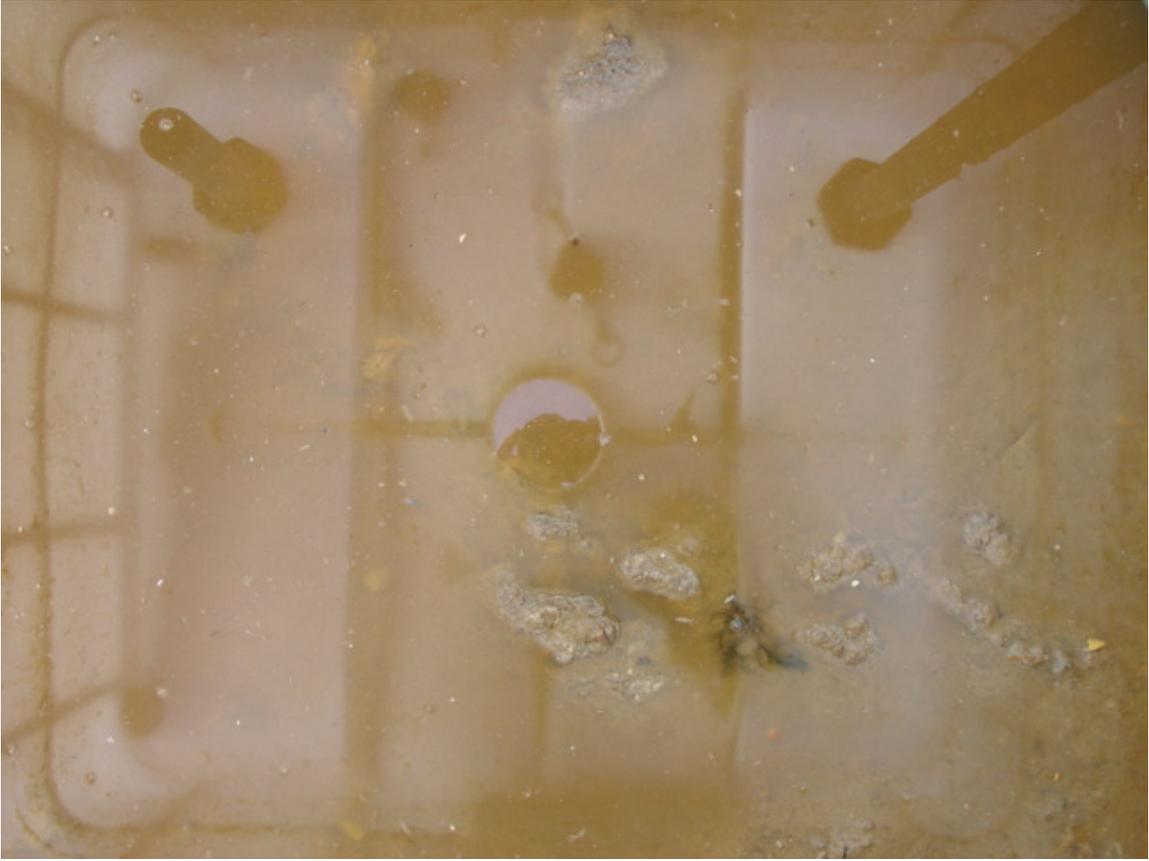


Photo taken from vent cap of inside of tank prior to treatment Note: Reflection is the top of the tank from liquid sitting on the sludge.



Photo taken within 5 minutes of adding Noflex Digestor The sludge immediately started foaming after the Noflex was added. Note: This continued to look like this for the next 4 hours while I was at the site.

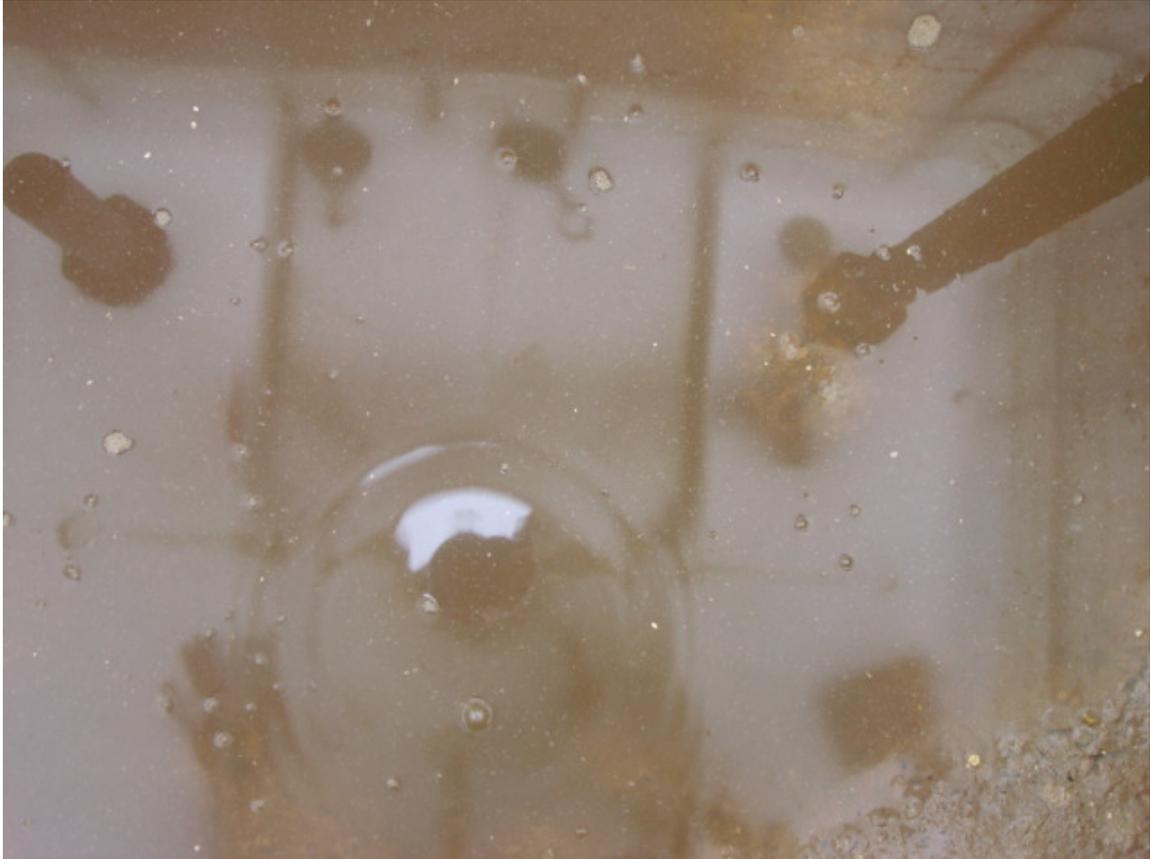


Photo taken 24 hours after adding Noflex. Note: Reflection is from liquid. There is a slight amount of sludge in the lower right hand corner, I “jiggled” the tank and it moved easily in within the liquid.

**Note:**

It is important to consider that this tank receives contents from several boats and there were a multitude of chemicals in the tank, ranging from nitrates, formaldehyde to chlorine. Even with all the other different additives, the product still worked as stated.

**Conclusion**

The Noflex does what it is designed to do; it breaks up the sludge and immediately eliminates the smell, (this was a bit unbelievable but it did). It was simple to use, I just poured the container in, added a bit of water and it went right to work.

From what I gathered from the operator; he was impressed with the performance of the product and is planning on using it, as they have a issue when pumping holding tanks; the smell coming off the barge will evacuate anybody from the immediate area downwind during the pumping process.

Respectfully,

Jack Spriggs  
The Spriggs Group