Facility Name: Somers (Aventon)  
ID Number: 050  
Inspection Date: 10/21/2011

Pump
- Type: Submersible  
- Discharge Diameter: 6"  
- Control: Float / FVNR Starter  
- Manufacturer: ABS Pumps  
- ABS AFP1047.1 ME185/4  
- 230-228-2700  
- Wetwell: 6' Diameter  
- Condition: New  
- Design Flow: 307  
- Design Head: 95  
- Rep: Pete Duty & Associates  
- 919-220-4156  
- Vol: 1,300 gal

Generator
- Condition: New  
- CUMMINS  
- KW: 125

Grinder
- Grinder: Muffin Monster  
- Condition: New

Sound
- At the Fence: 64 dB Gen off  
- Five foot from Generator: 97 db Generator on  
- At the Fence: 83 dB Gen on  
- Seven meters from Gene: 82 db Generator on

Comments:
- New  
- Currently only serves a couple houses, new houses are being built  
- Generator does not meet specification for noise attenuation  
- Generator noise attenuation is being upgraded  
- 8 foot coated manhole  
- Has a grinder, generator, bioxide facility, bypass & charcoal canister  
- Bioxide odor control facility with a carbon canister
Town of Cary Pump Station Inspection Sheet

Performance Field

MODEL: AFP 1047 4 POLE
TAB: 4" OPEN CB

Performance diagram based on motor speed (n not const.)
Speed Motor: 1780 RPM
Speed hydr.: 1780 RPM
Tolerance according to hydraulic institute

Issue: 27 Nov 1997  T4.1  IEM