Facility Name: Glenridge PS  
ID Number: 010  

Inspection Date: 1/12/2010

Pump
Type: Submersible  
Discharge Diameter: 6”  
Control: Float / FVNR Starter  
Manufacturer: ABS Pumps  
Model: AFP-30  
Wetwell: 7' Diameter 8'-7" Deep

Condition: Good

Pump One: 324 gpm  
Pump Two: 378 gpm  
Firm Capacity: 324 gpm

Model: AFP-30  
S/N 230-228-2700  
Rep: Pete Duty & Associates  
919-220-4156

Manufacturer: ABS Pumps  
Model: AFP-30  
S/N 230-228-2700  
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Wetwell: 7' Diameter 8'-7" Deep
Vol: 2,500 gal

Odor:

At the Fence: 0.002 ppm  
Wetwell: 0.490 ppm  
Odor Control: Bioxide / Charcoal  
Condition: Good

Generator:

Generator: Gregory Poole – Olympia  
Model D100P1 - 1 - 2003  
Condition: Good

Condition: Good

Gregory Poole – Olympia 125 KVA  
Model D100P1 - 1 - 2003  
100 KW

Grinder:

Model HPV 7355A  
S/N E16R90  
Condition: Good

Sound:

At the Fence: 64 dB Gen off  
At the Fence: 80 dB Gen on  
Wetwell: 62 db Pump off  
Wetwell: 67 db Pump on

Comments:
- Pump number two replaced in early 2010. Old Pump was tested and had a 252 gpm capacity.
- Seven foot diameter coated wetwell with some evidence of infiltration near the top.
- Pump guides in good condition. Steel guide supports are in fair condition.
- Valve vault is in fair condition. Valves need paint to prevent further rust.
- Carbon canister has significant surface rust on top. It looks as if Bioxide was spilled on top.
- Bioxide tank equipped with a new plastic containment area.
- Control Panel components are showing their age.
Glenridge PS Pump Curve

Town of Cary Pump Station Inspection Sheet
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Glenridge Pump Station

Control Panel

Valves

Hydraulic Unit

Odor Control

Wetwell