

Town of Cary Pump Station Inspection Sheet



Facility Name: Glenridge PS

Inspection Date: 1/12/2010

ID Number: 010

Pump

Type: Submersible
Discharge Diameter: 6"
Control: Float / FVNR Starter
Manufacturer: ABS Pumps
Model: AFP-30 230-228-2700
Wetwell: 7' Diameter 8'-7" Deep

Condition: Good
Pump One: 324 gpm
Pump Two: 378 gpm
Firm Capacity 324 gpm
Rep: Pete Duty & Associates
919-220-4156
Vol: 2,500 gal

Odor:

At the Fence: 0.002 ppm
Odor Control: Bioxide / Charcoal

Wetwell: 0.490 ppm
Condition: Good

Generator:

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

Condition: Good
125 KVA
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

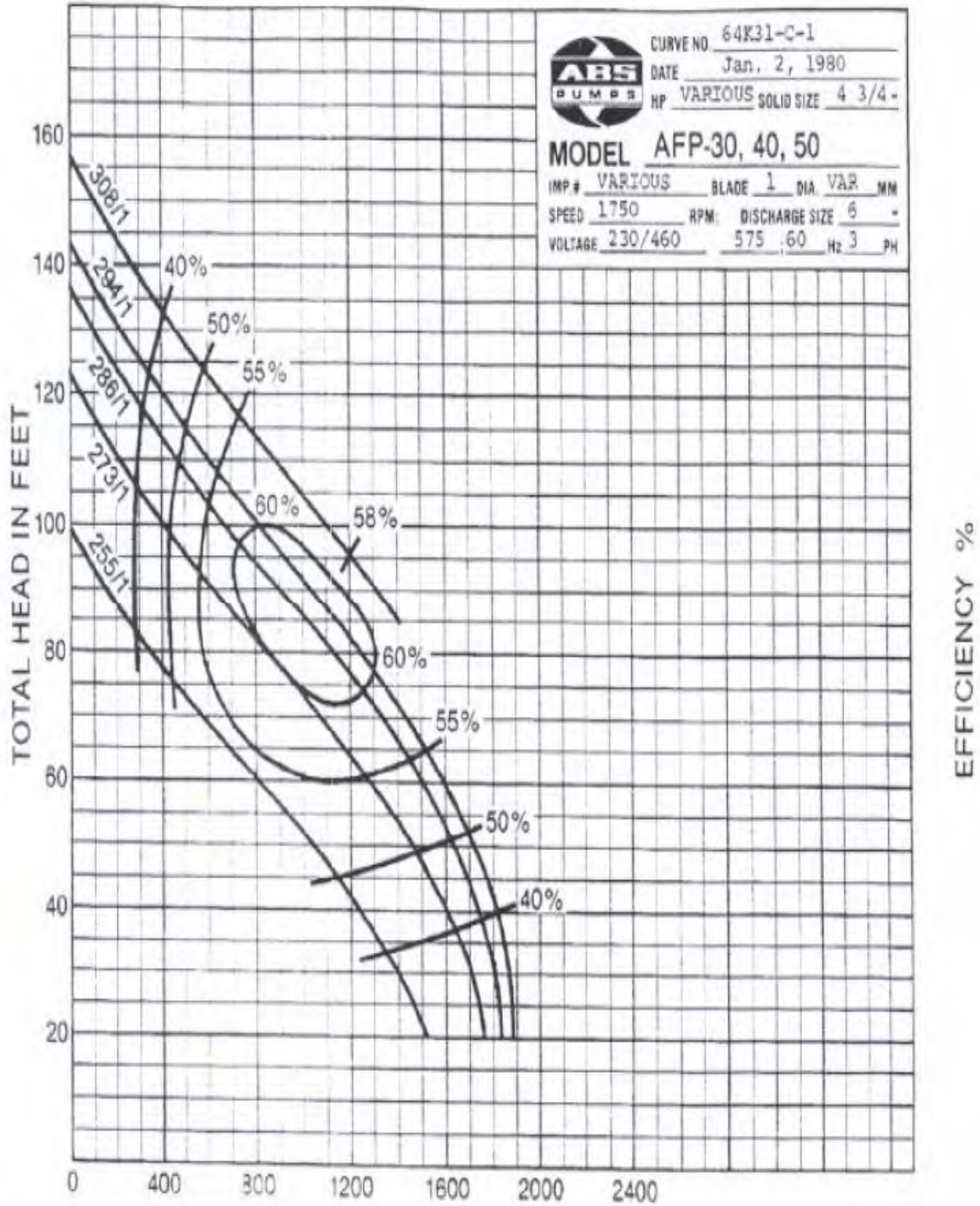
Comments:

- 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.

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Glenridge PS Pump Curve



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Glenridge Pump Station



Control Panel



Valves



Hydraulic Unit



Odor Control



Wetwell

