

Town of Cary Pump Station Inspection Sheet



**Facility Name:** Fieldstone PS

**Inspection Date:** 9/7/2011

**ID Number:** 008

**Inspection Date:** 2/26/2002

**Pump**

Condition: Good

Type: Submersible

Pump One: 552 gpm

Discharge Diameter: 4"

Pump Two: 566 gpm

Control: Float / FVNR Starter

Firm Capacity: 552 gpm

Motor Horsepower: 75

Design Point (flow): 600 gpm

Pump RPM: 1780

Design Point (pressure): 181 feet of water

Manufacturer: ABS

Rep: Pete Duty & Associates, Inc.

Model: AFP-1001 203-238-2700

919-245-5070

Wetwell: 11'-6 by 10'

11.5' Deep

Vol: 9,800 gal

**Generator:**

Generator: 94A03540-S

Condition: Failed to start

Olympian 1994

200 kW 343.75 KWA

**Grinder:**

Manufacturer: JWC Environmental

Condition: Poor

Model Channel Monster

**Sound:**

At the Fence: 60 dB Gen off

**Comments:**

- 11'6"x10'-0" coated wetwell and pump station concrete and coating in good condition
- pump guide rails have surface corrosion
- guide rail support brackets and vertical pipe section showing some corrosion
- piping elbows and wall penetration slightly corroded
- 7'x9' precast valve vault has some moisture on floor
- pipes and valves have some peeling paint and corrosion
- manhole steps and aluminum hatch appear to be in good condition
- grinder is in poor condition (duct taped electrical)
- chemical metering room door has bullet holes in the door (no leaks)



Fieldstone PS Pump Curve

60  
Hz

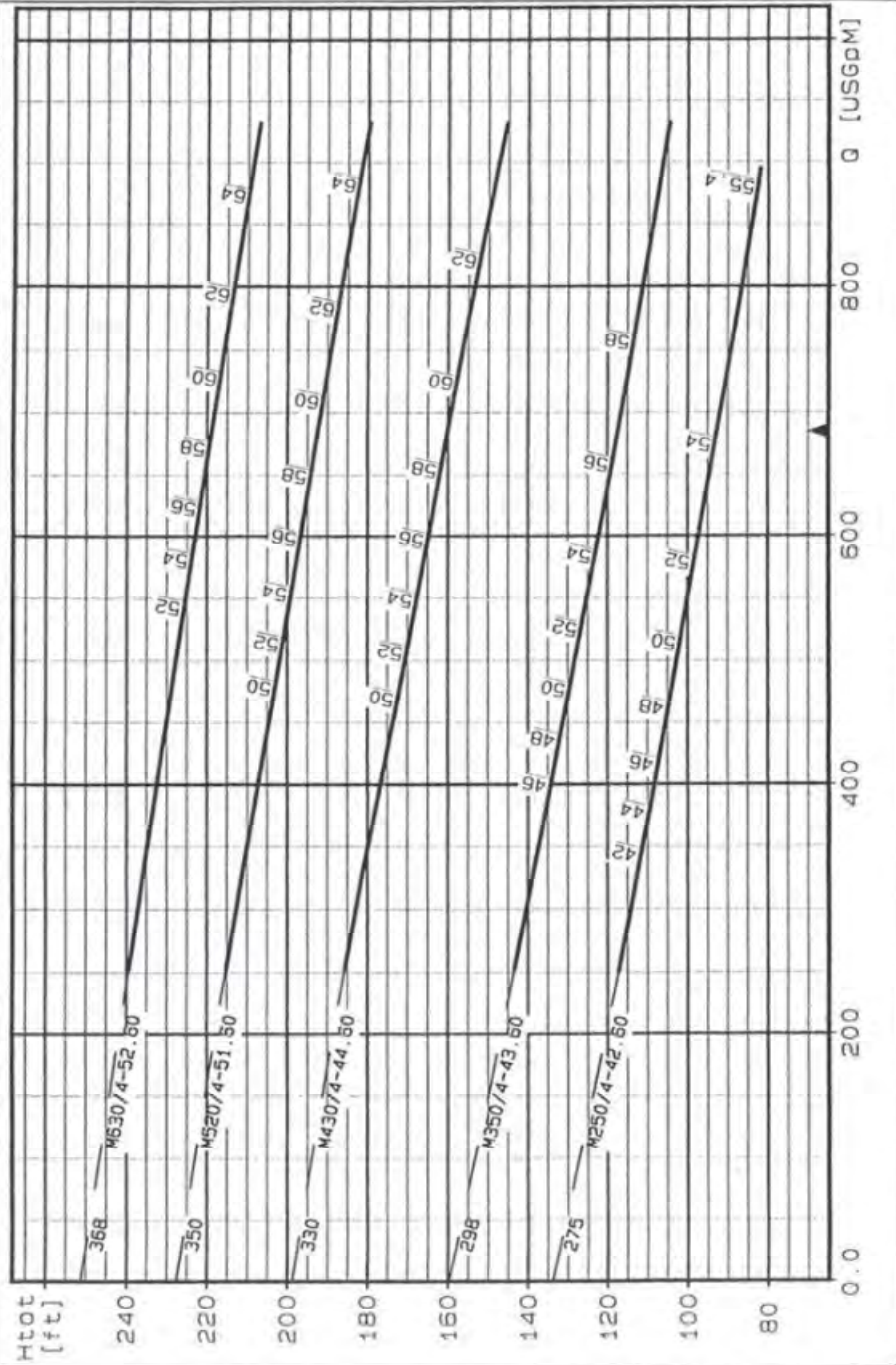
Performance Field

ABS

MODEL: AFP 1001 4 POLE

PAGE 2.0

TAB: 4" CLOSED



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Fieldstone Pump Station



Fieldstone Pump Station



Valve Vault



Valve Vault



Grinder



Flow Meter



# Town of Cary Pump Station Inspection Sheet



Wetwell



Wetwell



Generator



Generator



Electrical Room



Electrical Room

