

Town of Cary Pump Station Inspection Sheet



**Facility Name:** White Oak PS

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

**ID Number:** 004

**Drawdown Date:** 2/26/2002

**Pump**

Type: Submersible

Condition: Good

Discharge Diameter: 6"

Pump One: 1,135 gpm

Control: Float / FVNR Starter

Pump Two: 1,231 gpm

Motor Horsepower: 100

Firm Capacity: 1,135 gpm

Pump RPM: 1780

Design Point (flow): 1,000 gpm

Manufacturer: Fairbanks Morse

Design Point (pressure): 204 feet of water

Model: 5436M&W 913-371-5000

Rep: HD Supply 828-324-9705

Wetwell: 9'-11" by 19'-9" 11'-5" Deep

Vol: 16,700 gal

**Generator:**

Generator: 3208

Condition: Good

Caterpillar 188 KW

150 kWA

**Grinder:**

Manufacturer: JWC Environmental

Model Channel Monster

Condition: Good

S/N

**Sound:**

At the Fence: 56 dB Gen off

Five Foot from Gen: 103 db Gen on

At the Fence: 90 dB Gen on

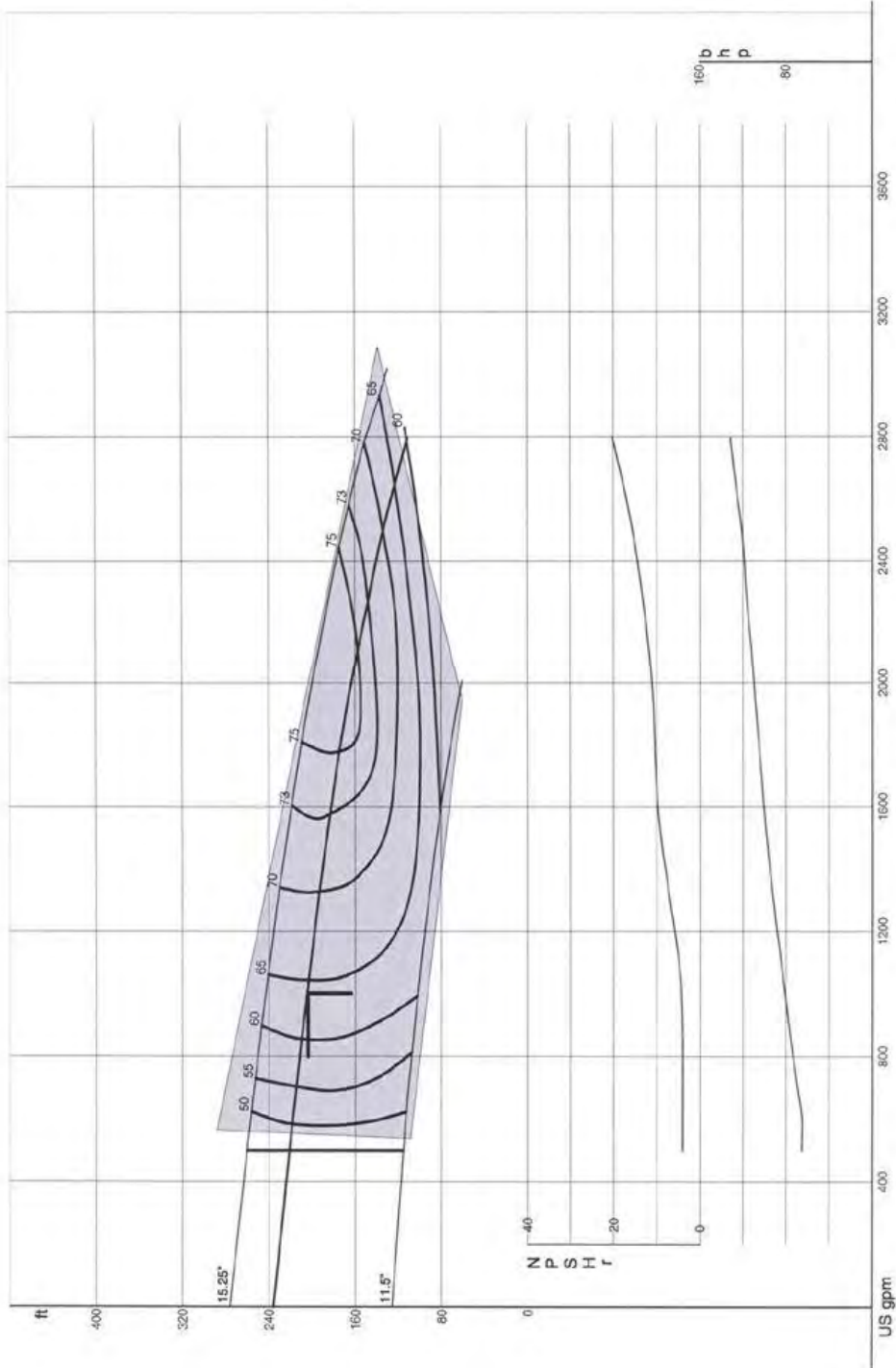
**Comments:**

- channel grinder (Channel Monster) manhole; uncoated
- appears to have some groundwater infiltration (not significant)
- concrete is in good shape
- manhole steps and aluminum hatch appear to be in good condition
- 9'-11"x 11'-8" coated wet well and pump station
- coating and concrete in wet well appear to be in good condition
- pump guide rails are corroding (monitor or replace)
- guide rail support brackets and pipes and aluminum ladder in wet well are corroded
- piping and valves in valve vault are corroded
- 11'x9' valve vault has some moisture along the walls and floor

# Town of Cary Pump Station Inspection Sheet



## White Oak PS Pump Curve



Town of Cary Pump Station Inspection Sheet



White Oak Pump Station



Generator & Chemical Building



Generator



Grinder



Grinder



Grinder Hydraulic Unit



# Town of Cary Pump Station Inspection Sheet



Chemical Building



Chemical Building



Wetwell



Valve Vault



Control Panel



Electrical Building

