

Town of Cary Pump Station Inspection Sheet



**Facility Name:** Blanche Drive PS

**Inspection Date:** 1/13/2010

**ID Number:** 013

**Pump**

Condition: Good

Type: Submersible

Pump One: 215 gpm

Discharge Diameter: 4"

Pump Two: 186 gpm

Control: Float / FVNR Starter

Firm Capacity: 186 gpm

Motor Horsepower: 25

Design Point (flow): 340 gpm

Pump RPM: 1750

Design Point (pressure): 128 feet of water

Manufacturer: Hydromatic

Rep: HD Supply

Model: S4L

828-324-9705

419-289-3042

Wetwell: 6' Diameter

5.5' Deep

Vol: 1,200 gal

**Odor:**

At the Fence: 0.002 ppm

Wetwell: 0.370 ppm

Odor Control: Bioxide

Condition: Fair

**Generator:**

Generator: Olympian D50P3

Condition: good

**Grinder:**

Manufacturer: JWC Environmental

Model Channel Monster

Condition: good

S/N

**Sound:**

At the Fence: 68 dB Gen off

Wetwell: 66 db Pump off

At the Fence: 93 dB Gen on

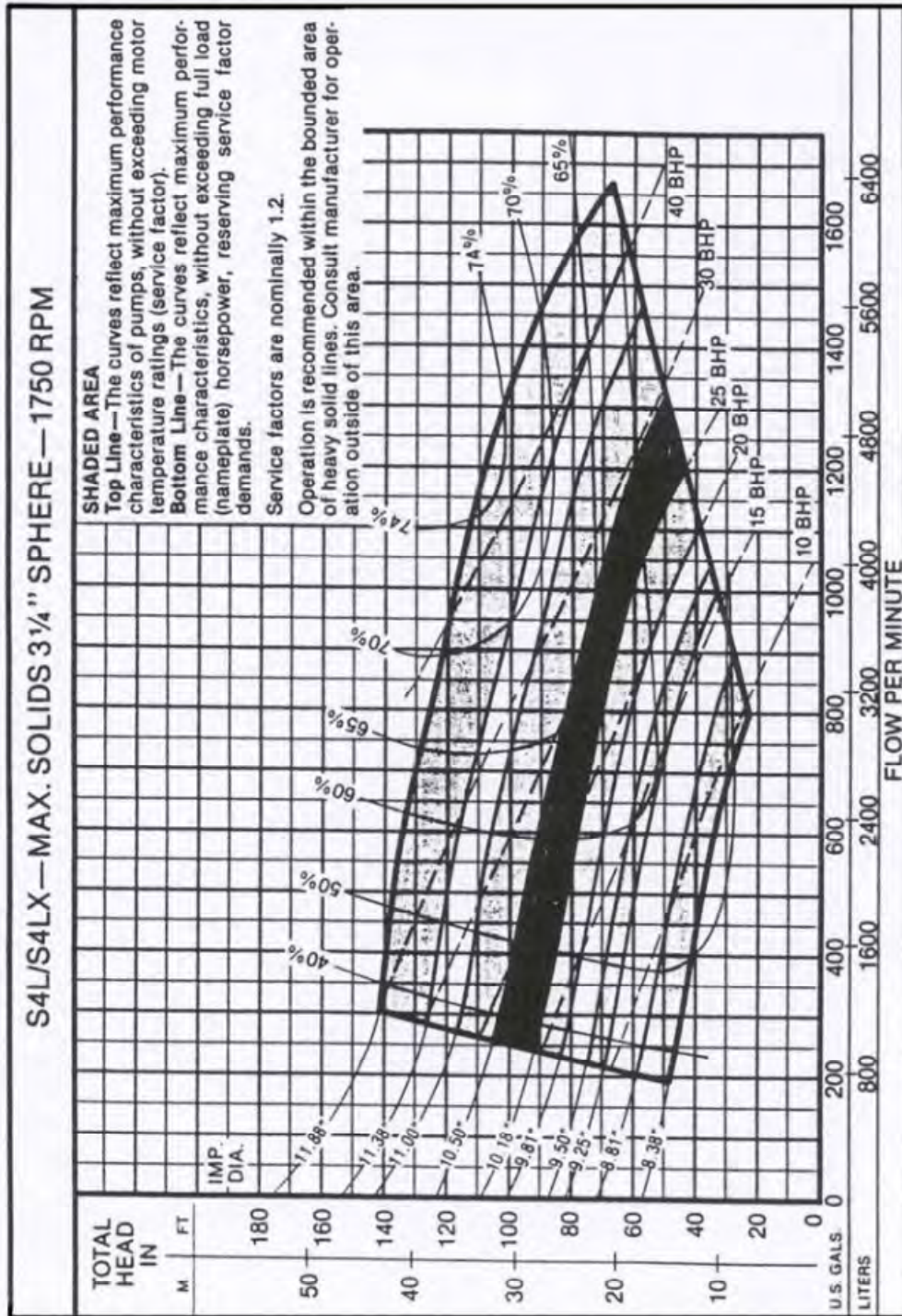
Wetwell: 74 db Pump on

**Comments:**

- 6' diameter wetwell, coating almost gone
- rusty chemical pumps
- guide support brackets and angle beam have surface corrosion
- very shallow wetwell
- aluminum hatch is in poor condition
- evidence of flooding or surcharging
- CMU valve vault has some dampness, rusty valves
- hinges on wet well hatches appear significantly corroded
- center of wetwell frame cut for pump removal
- Chemical Building stained inside/outside.



Blanche Drive PS Pump Curve



# Town of Cary Pump Station Inspection Sheet



Glenridge Pump Station



Control Panel



Valves



Grinder



Odor Control



Wetwell

