

Town of Cary Pump Station Inspection Sheet



**Facility Name:** Lake Crabtree

**Inspection Date:** 2/12/2010

**ID Number:** 047

**Pump**

Condition: Poor

Type: Above Ground Centripetal

Pump One: 137 gpm

Discharge Diameter: 4"

Pump Two: 139 gpm

Control: Float / FVNR Starter

Firm Capacity 137 gpm

Manufacturer: Smith & Loveless 4B2D

Rated 98 gpm @ 75 ft TDH

800-922-9048

Rep: PDA 919-245-5070

Wetwell: 6' Diameter

8'-9" Deep

Vol: 1,800 gal

**Odor:**

At the Fence: 0.000 ppm

Wetwell: 0.007 ppm

Odor Control: None

Condition: NA

**Generator:**

Generator: Olympian Power Systems (From Caterpillar)

Condition: Good

Model LL2014D Natural Gas

KVA: 35

KW: 35

**Grinder:**

Aluminum Trash Rack with Crane

Condition: Good

**Sound:**

At the Fence: 74 dB Gen off

Wetwell: 76

db Pump off

Wetwell: 85

db Pump on

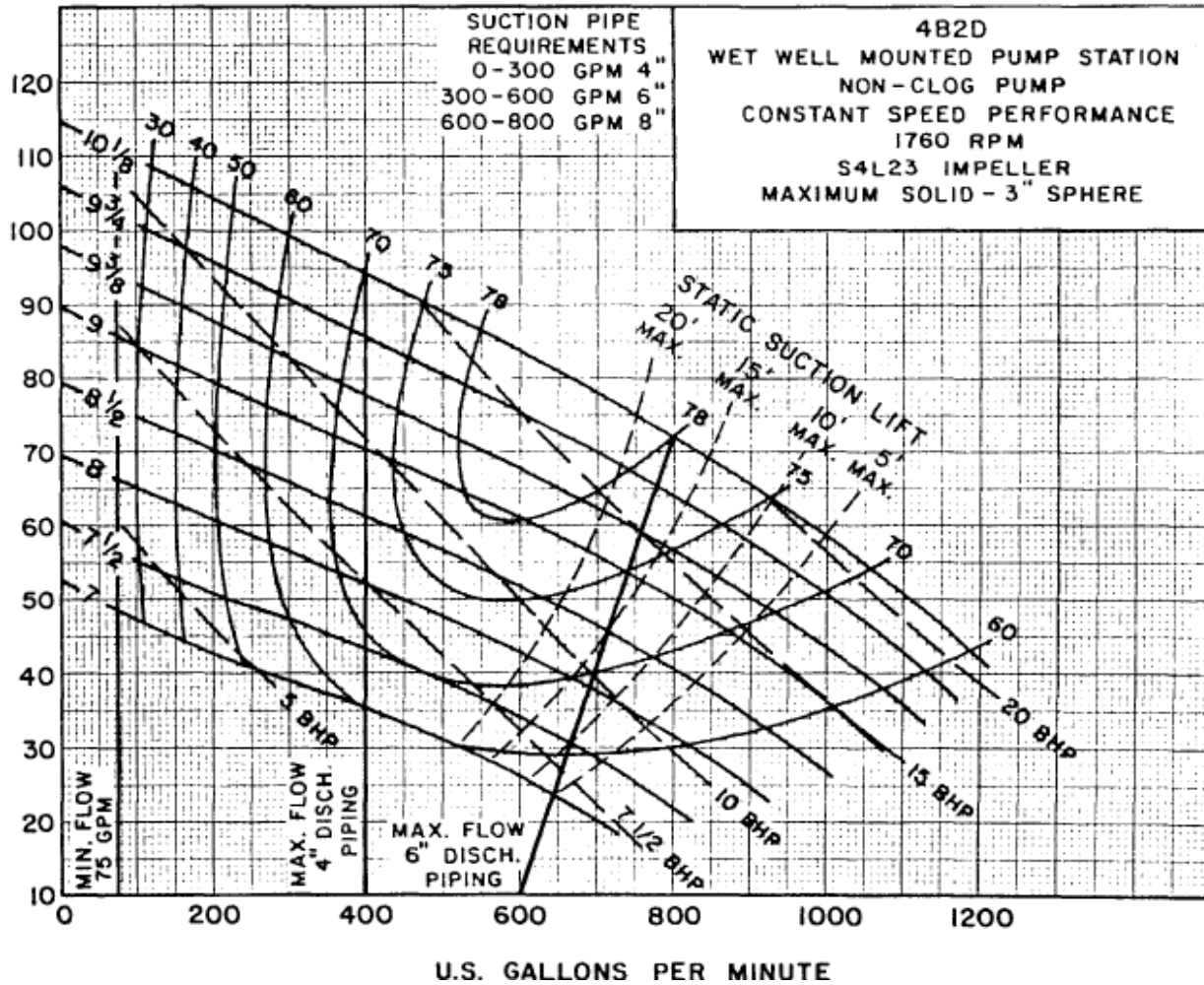
**Comments:**

- this pump configuration tends to require more maintenance
- surface rust on pump and piping
- road noise is often greater than pump station
- pump control panels are rusty and old
- no grinder

# Town of Cary Pump Station Inspection Sheet



## Lake Crabtree PS Pump Curve:



# Town of Cary Pump Station Inspection Sheet



Lake Crabtree Pump Station



Control Panel



Basket Vault & Crane



Basket Vault



Generator Gas Line



Generator



# Town of Cary Pump Station Inspection Sheet



Pump Enclosure



Pump



Pump



Pump



Wetwell



Meter Vault

