

Town of Cary Pump Station Inspection Sheet



Facility Name: Forest Oaks

Inspection Date: 2/18/2010

ID Number: 033

Pump

Condition: Good

Type: Submersible

Pump One: 558 gpm

Discharge Diameter: 6"

Pump Two: 546 gpm

Control: Float / FVNR Starter

Firm Capacity 546 gpm

Manufacturer: Fairbanks Morse

828-324-9 HD Supply

Model: DJ5434MV

913-371-5000

Wetwell: 8' Diameter

13.25' Deep

Vol: 5,000 gal

Odor:

At the Fence: 0.000 ppm

Wetwell: 0.230 ppm

Odor Control: Bioxide/Carbon Absorber Condition: Good

Generator:

Generator: Generac

Condition: Good

Model 622S340100

KVA: 230

KW: 288

Grinder:

Grinder: Muffin Monster

Condition: Good

Sound:

At the Fence: 58 dB Gen off

Wetwell: 58

db Pump off

At the Fence: 83 dB Gen on

Wetwell: 67

db Pump on

Comments:

- manhole coating is in good condition
- carbon canister lowered the H2S from 0.23 to 0.00 ppm

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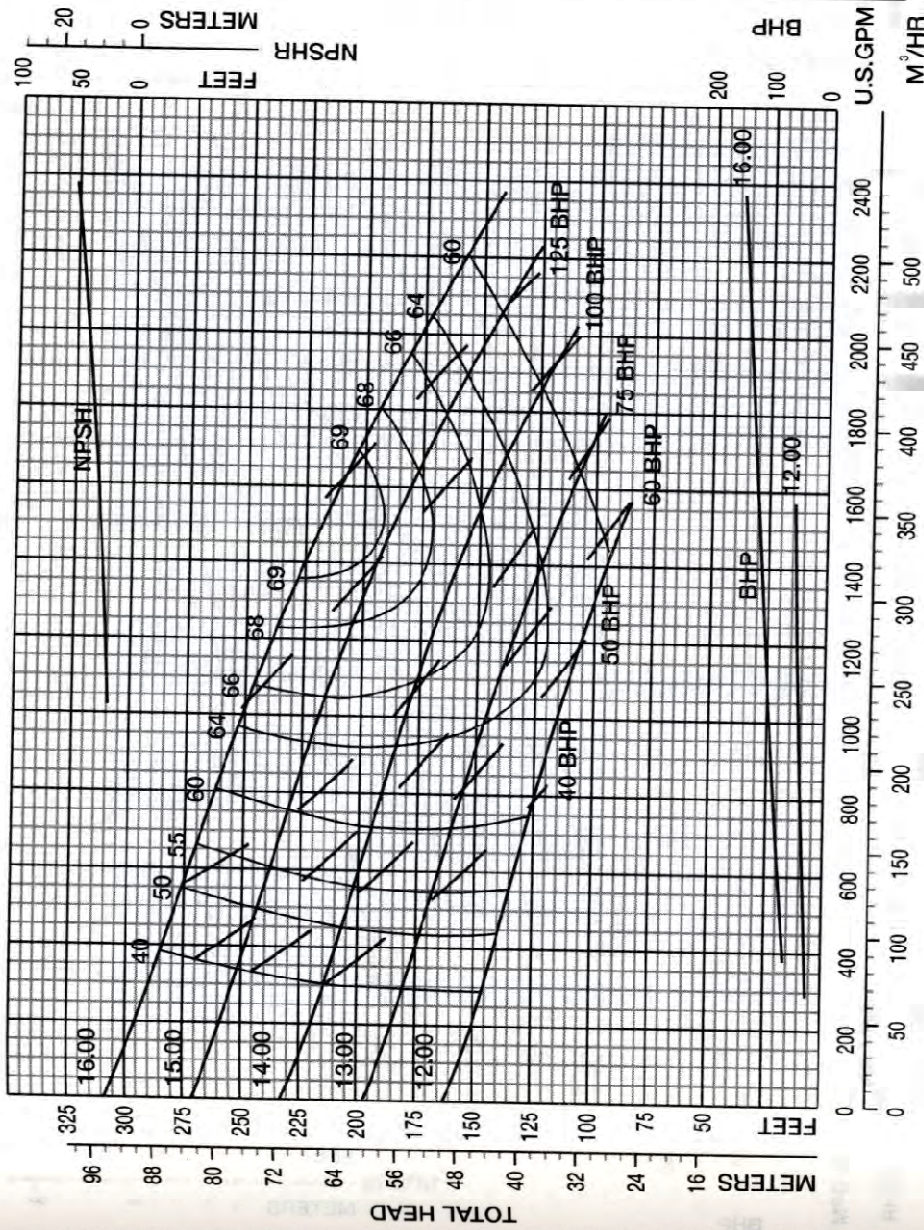


Forest Oaks PS Pump Curve

49

4" 5434
MV
 SUBMERSIBLE
1780 RPM
 NO. OF VANES
 2
 SUCTION SIZE
 4"
 IMPELLER
 T4D1B
 INLET AREA
 47.01 SQ.IN.
 MAX. SPHERE
 3"

5430 M&W Submersible Solids-Handling Pumps Performance



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Forest Oaks Pump Station



Control Panel



Generator



Generator



Carbon Absorber



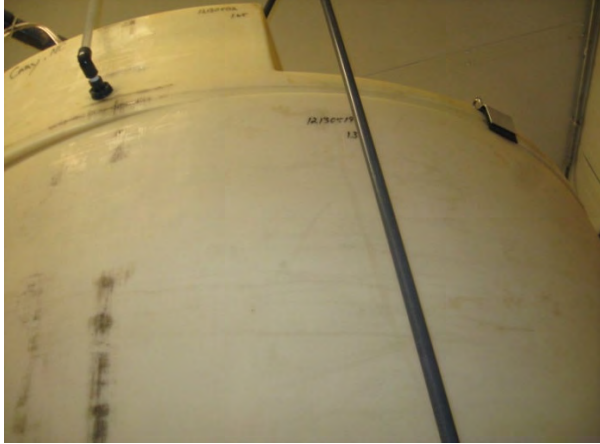
Carbon Absorber



Town of Cary Pump Station Inspection Sheet



Chemical Building



Grinder



Chemical Valve Box



Valve Vault



Wetwell



Wetwell

