

Town of Cary Pump Station Inspection Sheet



Facility Name: MacGregor Park PS

Inspection Date: 9/9/2011

ID Number: 017

Drawdown Date: 2/21/2002

Pump

Condition: Good

Type: Submersible

Pump One: 188 gpm

Discharge Diameter: 4"

Pump Two: 162 gpm

Control: Float / FVNR Starter

Design Point (flow): 162 gpm

Motor Horsepower: 10

Design Point (pressure): 50 feet of water

Pump RPM: 1800

Firm Capacity: 175 gpm

Manufacturer: Fairbanks Morse

Rep: HD Supply

Model: 4" D5432MV

828-324-9705

913-371-5000

Wetwell: 6' Diameter

7.4' Deep

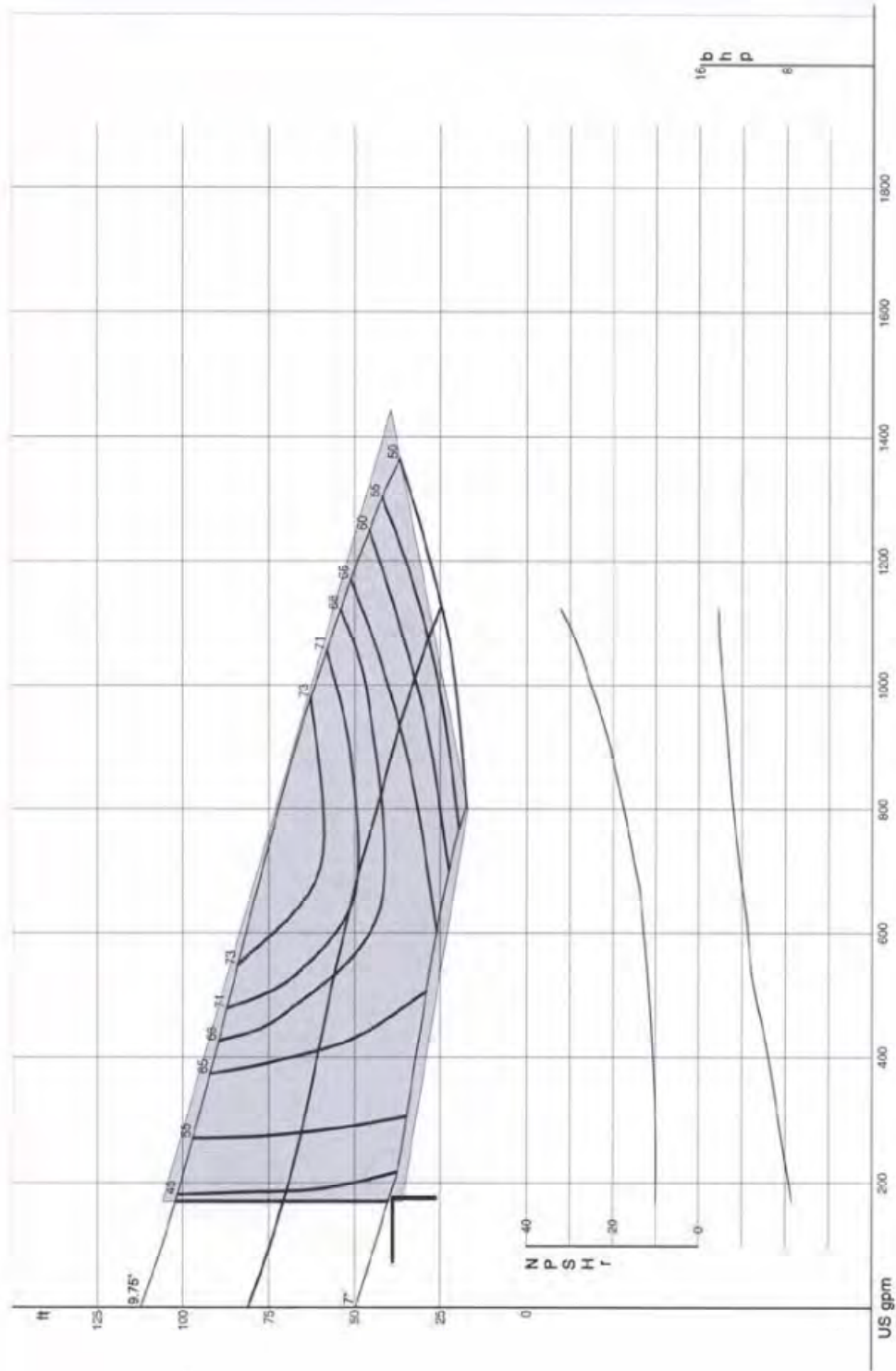
Vol: 1,550 gal

Comments:

- no grinder or generator
- valve vault standing water
- valve in vault rusting
- 6' diameter wetwell was coated at one time, but most of the coating has fallen off
- no signs of significant hydrogen sulfide deterioration
- aluminum trash rack in good condition
- 6' diameter valve vault has groundwater
- concrete in valve vault is in good condition
- manhole steps are in good condition
- pump guides and supports are in fair condition

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MacGregor Park PS Pump Curve



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MacGregor Park Pump Station



Control Panel



Valves



Slab



Wetwell



Wetwell

