

Town of Cary Pump Station Inspection Sheet



Facility Name: Thresher Court PS

Inspection Date: 9/7/2011

ID Number: 021

Drawdown Date: 5/27/2010

Pump

Condition: Good

Type: Submersible

Pump One: 141 gpm

Discharge Diameter: 4"

Pump Two: 138 gpm

Control: Float / FVNR Starter

Firm Capacity: 138 gpm

Motor Horsepower: 15

Design Point (flow): 160 gpm

Pump RPM: 1770

Design Point (pressure): 100 feet of water

Manufacturer: Fairbanks Morse

Rep: HD Supply

Model: 4" D5433MV

828-324-9705

913-371-5000

Wetwell: 6' Diameter 7.3' Deep Vol: 1,500 gal

Generator:

Generator:

Condition: Good

Olympian

156.3 KWA

125 KW

Grinder: None

Condition: Good

Aluminum Trash Basket

Sound:

At the Fence: 63 dB Gen off

Five Foot from Gen: 99 db Gen on

At the Fence: 95 dB Gen on

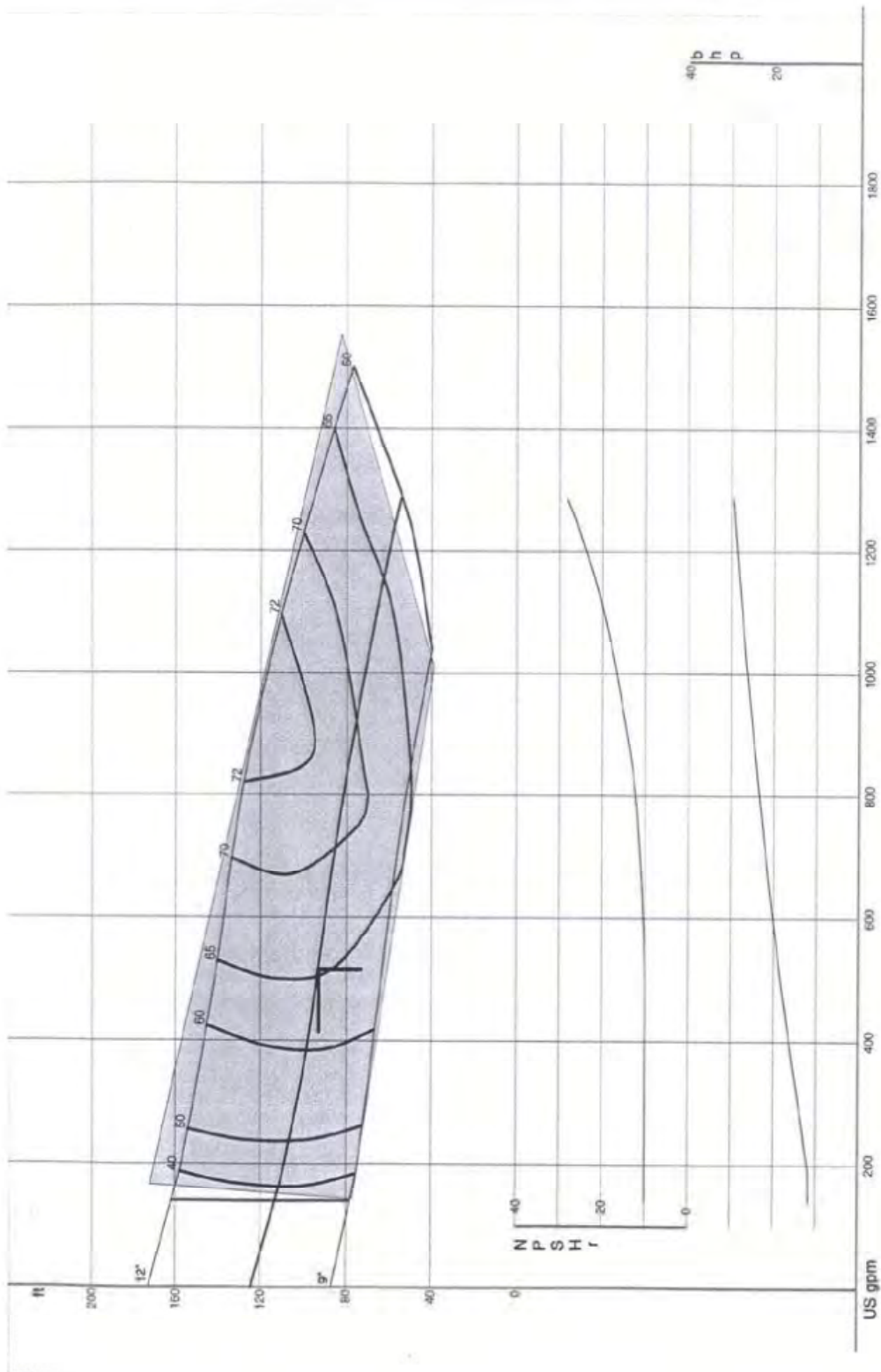
Comments:

- no grinder
- 6' diameter wetwell, coated; some loss of coating but not significant
- manhole steps appear to be in good condition
- aluminum trash rack is in good condition
- rack guide rails and guide rail top supports have significant corrosion
- pump guides and guide top supports have significant corrosion
- aluminum access hatch has considerable corrosion and the hatch hinges are severely corroded
- 8'x6' CMU valve vault is damp on walls and floor is wet
- aluminum hatch on valve vault is in good condition
- concrete slab on grade is in good condition

Town of Cary Pump Station Inspection Sheet



Thresher Court PS Pump Curve



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Thresher Court Pump Station



Control Panel



Valves



Wetwell



Wetwell



Wetwell

