

Town of Cary Pump Station Inspection Sheet



Facility Name: Medfield

Inspection Date: 1/13/2010

ID Number: 012

Pump

Condition: Good

Type: Submersible

Pump One: 766 gpm

Discharge Diameter: 6"

Pump Two: 762 gpm

Control: Float / FVNR Starter

Firm Capacity 762 gpm

Manufacturer: F. E. Myers 6VC
(419) 289-1144

Rep: PREFERRED SOURCES INC
704-504-3111

Wetwell: 8' Diameter 5.1' Deep Vol: 1,900 gal

Odor:

At the Fence: 0.002 ppm

Wetwell: 0.270 ppm

Odor Control: None

Condition: N/A

Generator:

Generator: Gregory Poole – Olympia
Model D125O1-1-2003

Condition: Not operational on day of test
KVA: 156.3 KW: 125

Grinder:

Grinder:

Condition: Good

Model Parks HPV7355A

Sound:

At the Fence: 61 dB Gen off

Wetwell: 63 db Pump off

At the Fence: NA dB Gen on

Wetwell: 65 db Pump on

Comments:

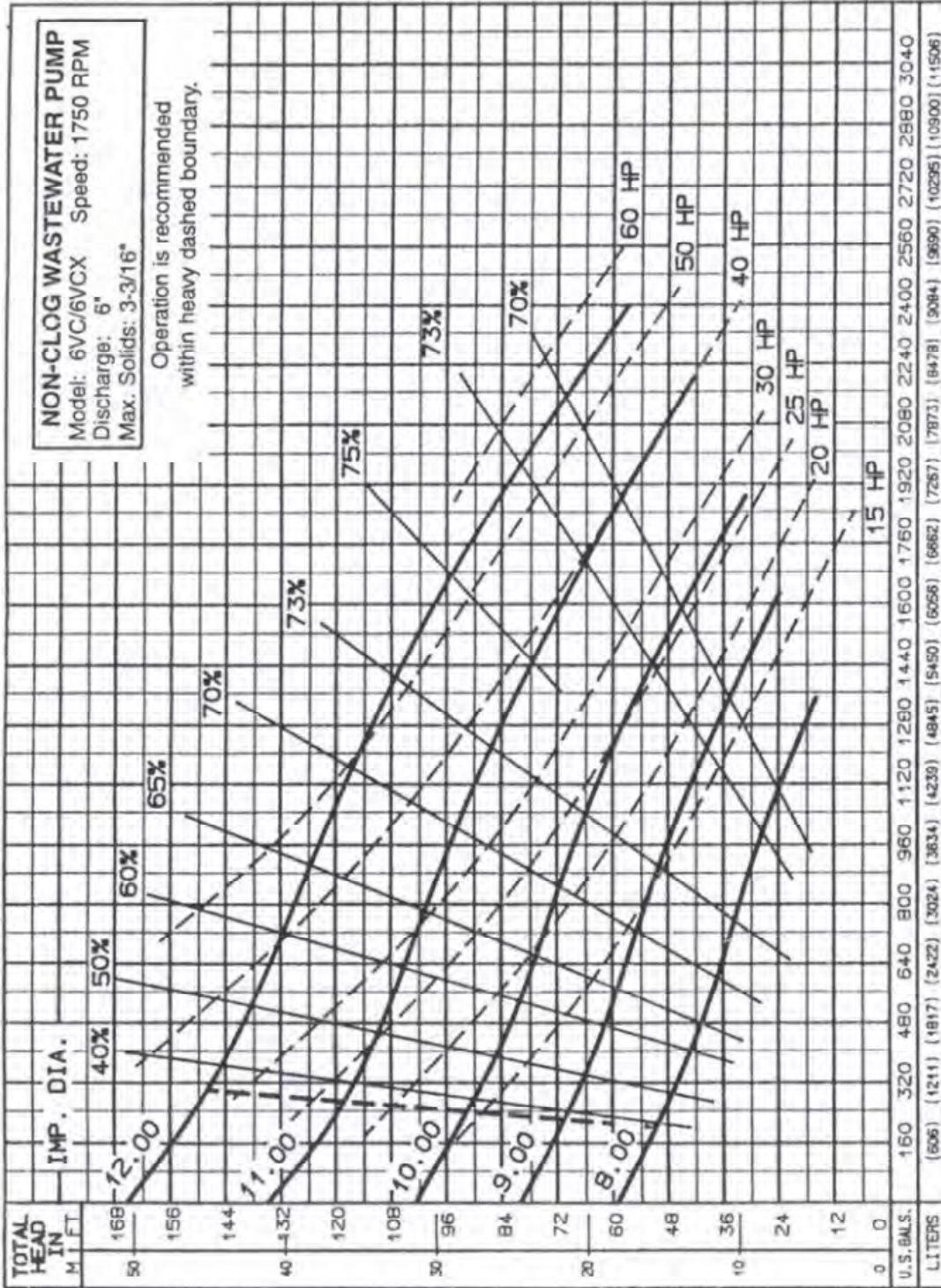
- 8' wetwell coated: coating is failing
- pump station appears to be in a area subject to flooding
- pump guides in good condition. Steel guide supports have surface rust
- valve vault is in fair condition: wet, muddy, and rusty
- generator was out of service and portable generator was in place.
- wetwell have a small amount of freeboard
- Control Panel components are showing their age.

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Medfield PS Pump Curve



Pump Performance



Pump performance is based on clear water (1.0 specific gravity @ 68°F) and pump fluid end (hydraulic) efficiency. Motor data based on 40°C ambient temperature.

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Medfield Pump Station



Control Panel



Valve Vault



Generator



Manhole



Wetwell

