

Town of Cary Pump Station Inspection Sheet



Facility Name: Gateway Center

Inspection Date: 2/12/2010

ID Number: 015

Pump

Condition: Good

Type: Submersible

Pump One: 482 gpm

Discharge Diameter:

Pump Two: 482 gpm

Control: Float / FVNR Starter

Firm Capacity 482 gpm

Manufacturer: Myers 4VH

Rep: Hughes Supply

419-289-1144

919-460-0051

Wetwell: 10' Diameter

8'-9" Deep

Vol: 5,700 gal

Odor:

At the Fence: 0.000 ppm

Wetwell: 1.200 ppm

Odor Control: None

Condition: NA

Generator:

Generator: Caterpillar with 600gal tank Condition: Good

Model 3208

KVA: 219

KW: 175

Grinder:

Aluminum Trash Rack with Crane

Sound:

At the Fence: 71 dB Gen off

Wetwell: 69

db Pump off

Wetwell: 67

db Pump on

Comments:

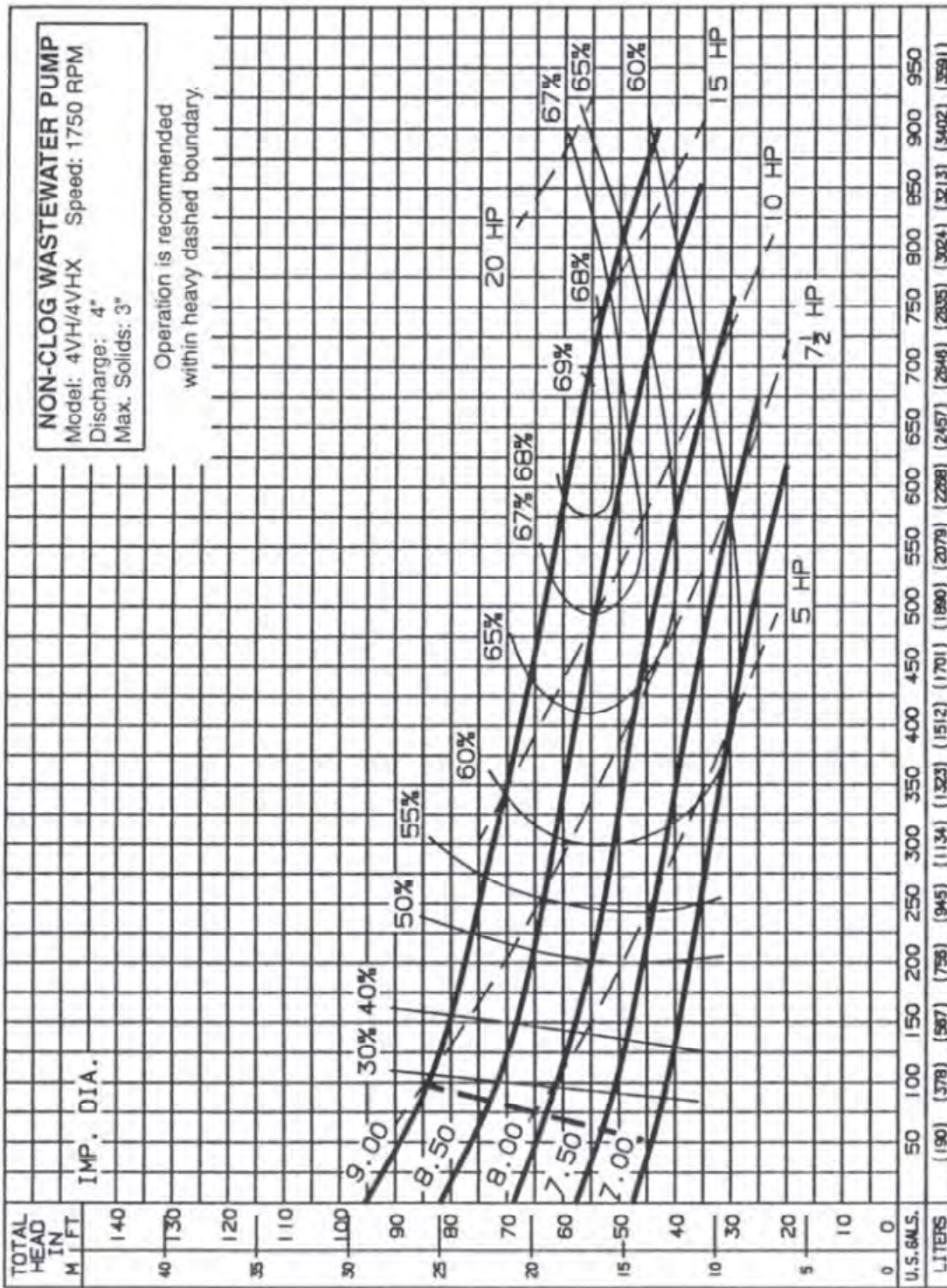
- wetwell coating is spalling
- no visible concrete deterioration on wet well
- potable water line frozen at backflow preventer
- trash rack and guides have some surface corrosion
- pump rail guides have surface corrosion T29
- guide rail supports have significant corrosion
- vent pipe has peeling paint
- no sealant in either expansion joint
- chain link fence is in good condition
- road noise is greater than pump station

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Gateway Center PS Pump Curve



Pump Performance



Pump performance is based on clear water (1.0 specific gravity @ 58°F) and pump fluid and (hydraulic) efficiency. Motor data based on 40°C ambient temperature.

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Potable Water



Generator



Generator



Generator



Generator Fuel Tank 600gal



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Control Panel



Control Panel



Basket Crane



Valve Vault



Wetwell



Wetwell

