Facility Name: Ronaldsby Drive PS Inspection Date: 9/7/2011 **ID Number:** 018

Drawdown Date: 6/2/2010

Pump Condition: Fair

Type: Submersible Pump One: 173 gpm
Discharge Diameter: 4" Pump Two: 171 gpm
Control: Float / FVNR Starter Design Point (flow): 175 gpm

Motor Horsepower: 7.5 Design Point (pressure): 65 feet of water

Pump RPM: 1800 Firm Capacity: 171 gpm

Manufacturer: Fairbanks Morse Rep: HD Supply Model: 4" D5432MV 828-324-9705

913-371-5000

Wetwell: 7.8' Diameter 6.25' Deep Vol: 2,300 gal

Grinder: None

Generator: Condition: Good

Generac 97A06838S 100KW

Propane

Sound:

At the Fence: 68 dB Gen off Five Foot from Gen: 99 db Gen on

At the Fence: 94 dB Gen on

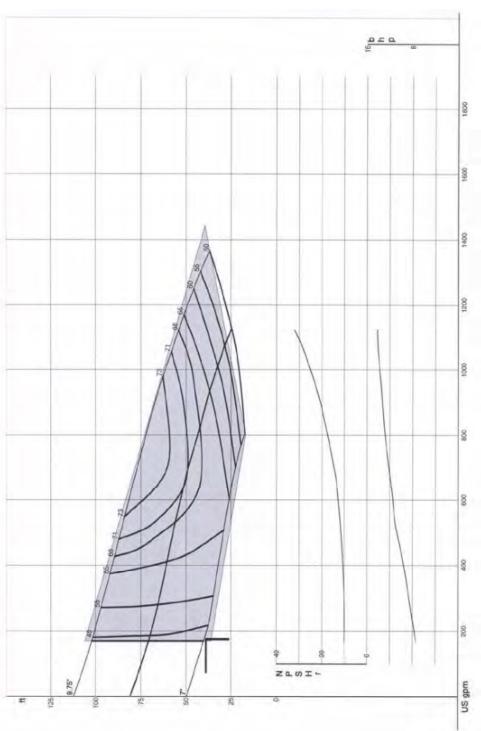
Comments:

- -a motor is used to induce 3 phase power
- -no grinder or trash rack
- -wooden fence is in poor condition, missing bits and roting
- -7.8' diameter pump station wetwell; coating in poor condition
- -pump guide steel support corroding
- -concrete slab around pump station showing signs of slight settlement and cracking
- -hatch showing some signs of corrosion, but not significant
- -slab around pump station and valve vault is showing some slight settlement and cracking
- -valve vault has signifigant water infiltration
- -piping and valves in valve vault rusted



Ronaldsby Drive PS Pump Curve







Ronaldsby Drive Pump Station



Control Panel



Control Panel



Wetwell and Control Panel



Phase Converter



Phase Converter







Propane Tank



Fire Extinguisher



Valves



Valves



Wetwell



Wetwell

