Facility Name: Nelson Road PS
ID Number: 005
Inspection Date: 9/7/2011
Drawdown Date: 2/26/2002

Pump
- Type: Submersible
- Discharge Diameter: 6"
- Control: Float
- Motor Horsepower: 100
- Pump RPM: 1780
- Manufacturer: Fairbanks Morse
- Model: 5436M&W (913)371-5000
- Wetwell: 8' Diameter 12'-11" Deep

Condition: Good
- Pump One: 1,110 gpm
- Pump Two: 1,016 gpm
- Firm Capacity: 1,016 gpm
- Design Point (flow): 1,000 gpm
- Design Point (pressure): 200 feet of water
- Rep: HD Supply (828)324-9705

Generator:
- Generator: 3208
- Caterpillar 188 KW 150 kWA Manual Switchgear

Condition: Poor

Sound:
- At the Fence: 59 dB Gen off
- At the Fence: 86 dB Gen on
- Five Foot from Gen: 104 dB Gen on

Comments:
- 8' diameter wetwell, coated; coating is in poor condition
- pump guide rails have surface corrosion
- guide rail support brackets are severely corroded
- concrete slab on grade is in good condition; no sealant in joint
- 12'x9' precast valve vault shows signs of ground water
- aluminum hatch on valve vault is in good condition; latch is corroding
- generator from 1972 is near end of life
- fuel tank paint peeling and rusting
- grinder out of service, bar screen by-pass in use
- bar screen/channel moster open vault concrete is in fair condition, no ground water leaks
- welded aluminum handrail is oxidized but in good condition
- mostly cosmedic damage to electrical building (mold and rust on outside)
Nelson Road PS Pump Curve