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**
- **Type:** Submersible
- **Discharge Diameter:** 4"
- **Control:** Float / FVNR Starter
- **Motor Horsepower:** 15
- **Pump RPM:** 1770
- **Manufacturer:** Fairbanks Morse
  - **Model:** 4" D5433MV
  - **Rep:** HD Supply
  - **Phone:** 913-371-5000

**Pump One:**
- **Capacity:** 141 gpm

**Pump Two:**
- **Firm Capacity:** 138 gpm

**Design Point (flow):** 160 gpm

**Design Point (pressure):** 100 feet of water

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

**Generator:**
- **Condition:** Good
  - **Generator:** Olypian
    - **Capacity:** 156.3 KWA
    - **Rating:** 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