# Town of Cary Pump Station Inspection Sheet

**Facility Name:** Fieldstone PS  
**ID Number:** 008  
**Inspection Date:** 9/7/2011

**Pump**
- **Type:** Submersible  
- **Discharge Diameter:** 4"  
- **Control:** Float / FVNR Starter  
- **Motor Horsepower:** 75  
- **Pump RPM:** 1780  
- **Manufacturer:** ABS  
- **Model:** AFP-1001  
- **Wetwell:** 11'-6 by 10'  
- **Condition:** Good

<table>
<thead>
<tr>
<th>Pump</th>
<th>Condition</th>
<th>Capacity</th>
<th>Design Point (flow)</th>
<th>Design Point (pressure)</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td></td>
<td>552 gpm</td>
<td>600 gpm</td>
<td>181 feet of water</td>
</tr>
<tr>
<td>Two</td>
<td></td>
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**Generator:**
- **Generator:** 94A03540-S  
- **Condition:** Failed to start  
- **Model:** Olympian 1994  
- **Horsepower:** 200 kW  
- **Kilowatts Available:** 343.75 KWA

**Grinder:**
- **Manufacturer:** JWC Environmental  
- **Model:** Channel Monster  
- **Condition:** Poor

**Sound:**
- **At the Fence:** 60 dB Gen off

**Comments:**
- 11’6” x 10’-0” coated wetwell and pump station concrete and coating in good condition
- Pump guide rails have surface corrosion
- Guide rail support brackets and vertical pipe section showing some corrosion
- Piping elbows and wall penetration slightly corroded
- 7’x9’ precast valve vault has some moisture on floor
- Pipes and valves have some peeling paint and corrosion
- Manhole steps and aluminum hatch appear to be in good condition
- Grinder is in poor condition (duct taped electrical)
- Chemical metering room door has bullet holes in the door (no leaks)