Town of Cary Pump Station Inspection Sheet

**Facility Name:** Crossroads  
**ID Number:** 006  
**Inspection Date:** 1/27/2010

**Pump**  
<table>
<thead>
<tr>
<th>Type</th>
<th>Condition</th>
<th>Pump One: 180 gpm</th>
<th>Firm Capacity: 158 gpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discharge Diameter: 4”</td>
<td></td>
<td>Pump Two: 158 gpm</td>
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<tr>
<td>Control: Float / FVNR Starter</td>
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<tr>
<td>Manufacturer: Fairbanks Morse 5433</td>
<td></td>
<td>Rep: HD SUPPLY WATERWORKS 828-324-9705</td>
<td></td>
</tr>
<tr>
<td>Wetwell: 8' Diameter 8' Deep</td>
<td></td>
<td>Vol: 3,000 gal</td>
<td></td>
</tr>
</tbody>
</table>

**Odor:**  
At the Fence: 0.002 ppm  
Wetwell: 6.200 ppm  
Odor Control: Bioxide  
Condition: Fair

**Generator:**  
Generator Gregory Poole – Olympia Model D75P1  
Condition: Fair  
KVA: 93.8  KW: 75

**Grinder:**  
Grinder: Muffin Monster  
Condition: Poor

**Sound:**  
At the Fence: 70 dB Gen off  
Wetwell: 74 db Pump off  
At the Fence: 79 dB Gen on  
Wetwell: 75 db Pump on

**Comments:**  
- valve vault wet and muddy.  
- pressure gauges in /valve vault broken  
- 8' diameter wet well, coating has fallen mostly off  
- grinder hydraulic unit has no enclosure  
- grinder hydraulic unit look warn  
- air damper solenoid broken  
- control panel and power panels are showing their age.  
- chemical building appears in good shape with mainly cosmetic defects