**Facility Name:** Ronaldsby Drive PS  
**ID Number:** 018  
**Inspection Date:** 9/7/2011  
**Drawdown Date:** 6/2/2010

<table>
<thead>
<tr>
<th><strong>Pump</strong></th>
<th><strong>Condition:</strong> Fair</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type:</strong> Submersible</td>
<td><strong>Pump One:</strong> 173 gpm</td>
</tr>
<tr>
<td><strong>Discharge Diameter:</strong> 4&quot;</td>
<td><strong>Pump Two:</strong> 171 gpm</td>
</tr>
<tr>
<td><strong>Control:</strong> Float / FVNR Starter</td>
<td><strong>Design Point (flow):</strong> 175 gpm</td>
</tr>
<tr>
<td><strong>Motor Horsepower:</strong> 7.5</td>
<td><strong>Design Point (pressure):</strong> 65 feet of water</td>
</tr>
<tr>
<td><strong>Pump RPM:</strong> 1800</td>
<td><strong>Firm Capacity:</strong> 171 gpm</td>
</tr>
<tr>
<td><strong>Manufacturer:</strong> Fairbanks Morse</td>
<td><strong>Model:</strong> 4&quot; D5432MV</td>
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<tr>
<td></td>
<td><strong>Rep:</strong> HD Supply</td>
</tr>
<tr>
<td></td>
<td><strong>913-371-5000</strong></td>
</tr>
<tr>
<td><strong>Wetwell:</strong> 7.8’ Diameter 6.25’ Deep</td>
<td><strong>Vol:</strong> 2,300 gal</td>
</tr>
</tbody>
</table>

**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 rotting  
- 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 significant water infiltration  
- Piping and valves in valve vault rusted
Ronaldsby Drive PS Pump Curve
Town of Cary Pump Station Inspection Sheet

Ronaldsby Drive Pump Station

Control Panel

Control Panel

Wetwell and Control Panel

Phase Converter

Phase Converter
Town of Cary Pump Station Inspection Sheet

Propane Tank

Fire Extinguisher

Valves

Valves

Wetwell

Wetwell