

Town of Cary Pump Station Inspection Sheet



**Facility Name:** West Cary

**Inspection Date:** 3/12/2010

**ID Number:** 035

**Pump**

Type: Submersible

Discharge Diameter: 6"

Control: VFD

Manufacturer: ABS Pumps

ABS AFP1501 ME630/4

230-228-2700

Wetwell will be apoximatly 75,000 gal

Condition: Fair

Pump One: 1,126 gpm

Pump Two: 1,154 gpm

Pump Three: 1,124 gpm

Firm Capacity 1,592 gpm

Rep: Pete Duty & Associates

919-220-4156

**Odor:**

At the Fence: 0.000 ppm

Wetwell: 4.567 ppm

Odor Control: Ferrous Sulfate

Condition: Good

**Generator:**

Generator: Cummins Power Gen.

Condition: Good

Model DFEG-5775275

KVA: 437.5 KW: 350

**Grinder:**

Grinder: Muffin Monster

Condition: Poor

**Sound:**

At the Fence: 54 dB Gen off

Wetwell: 77 db Pump off

At the Fence: 58 dB Gen on

Wetwell: 89 db Pump on

**Comments:**

- new pump room's walls are leaking water, a series of sump pump are used
- new pump room's walls have bug holes, cosmetic defects
- sidewalk settled away from building, sealant impaired
- surface rust on piping, mostly cosmetic
- grinder overheated during inspection
- white crystalline corrosion on top of generator tank

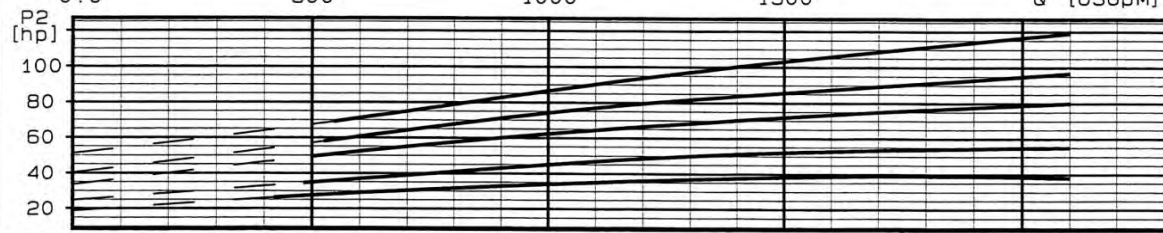
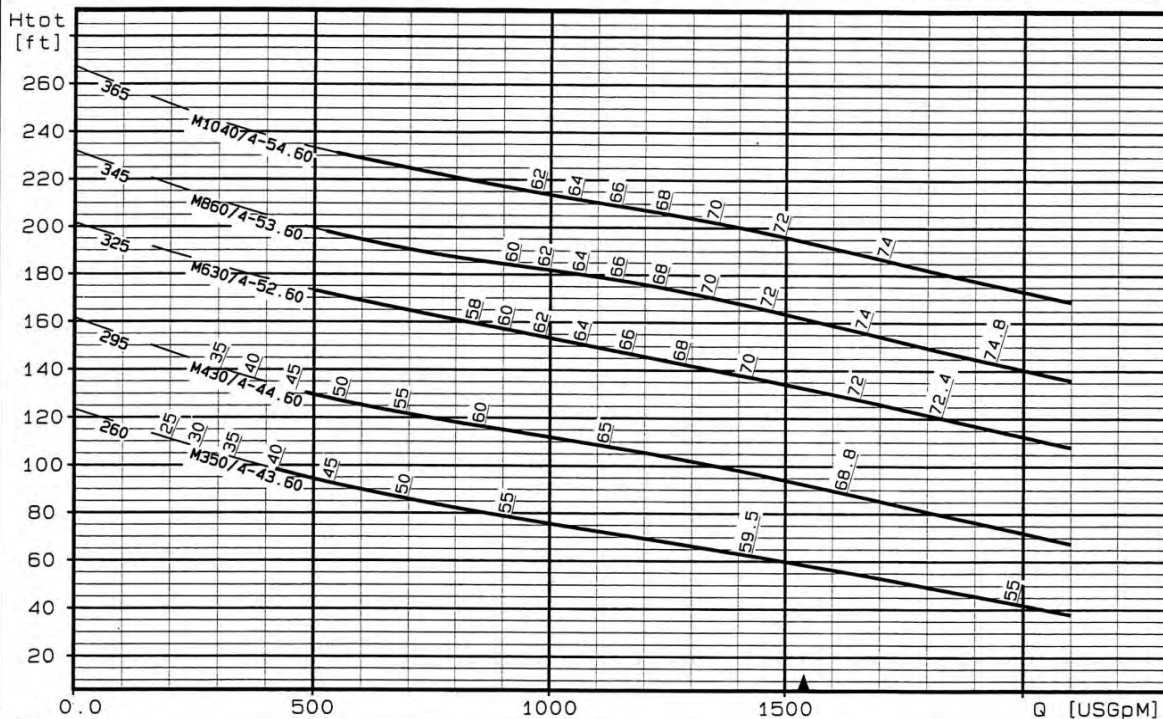
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West Cary Pump Curve:

ABS	Performance Field	60 Hz
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MODEL: AFP 1501 4 POLE  
TAB: 6" CLOSED PAGE 1.0



Solid size : 80 x 100 mm	No. of vane : 2	6"
Performance diagram based on motor speed (n not const.)		
Speed Motor: 1780 RPM		
Speed hydr.: 1780 RPM		
Tolerance according to hydraulic institute		
Issue : 04. Apr 1996	V2/2-T4.1	DEM

3016/SNO

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Control Panel



Wetwell



Ferrous Sulfate



Generator



Generator



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West Cary Pump Station



Pump Room



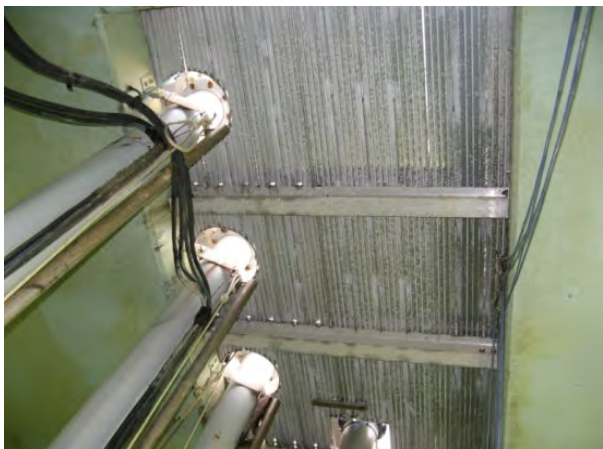
New Building



New Building



Wetwell



Wetwell

