

Town of Cary Pump Station Inspection Sheet



**Facility Name:** Grey Hawk

**Inspection Date:** 1/13/2010

**ID Number:** 030

**Pump**

Condition: Good

Type: Submersible

Pump One: 185 gpm

Discharge Diameter: 8"

Pump Two: 182 gpm

Control: Float / FVNR Starter

Firm Capacity 182 gpm

Manufacturer: ABS

Rep: Pete Duty & Associates, Inc.

Model: AFP 1047.1 ME185/4D

919-245-5070

203-238-2700

Wetwell: 8' Diameter                      8' Deep                      Vol: 3,000 gal

**Odor:**

At the Fence: 0.002 ppm

Wetwell: 0.800 ppm

Odor Control: Bioxide

Condition: Like New

**Generator:**

Generator: Cummins Power Generation Condition: Like New

Model DGCG-5761804

One Phase - KVA: 54                      KW: 54

Three Phase - KVA: 100                      KW: 80

**Sound:**

At the Fence: 58                      dB Gen off                      Wetwell: 70                      db Pump off

At the Fence: 83                      dB Gen on                      Wetwell: 74                      db Pump on

**Comments:**

- pump station is like new.
- pumps cycle very slow (it currently services very few houses)
- wetwell and grinder manhole coatings look great.
- valve vault is in great condition.
- piping has a bypass
- exhaust fan 72 dB

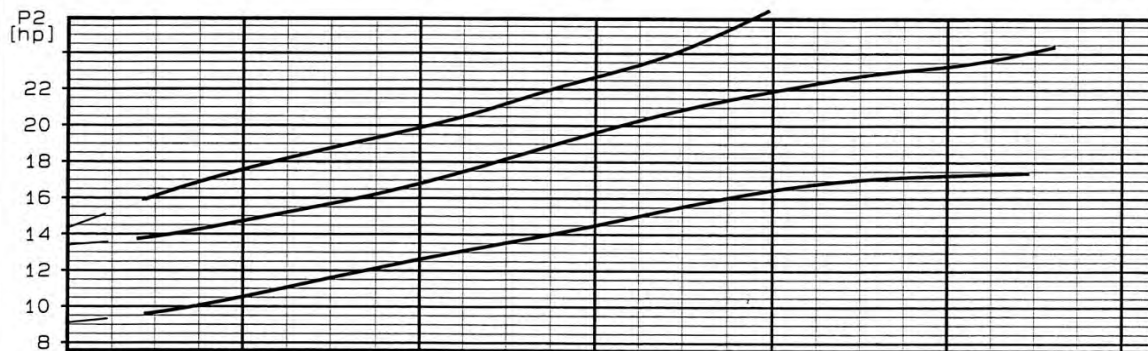
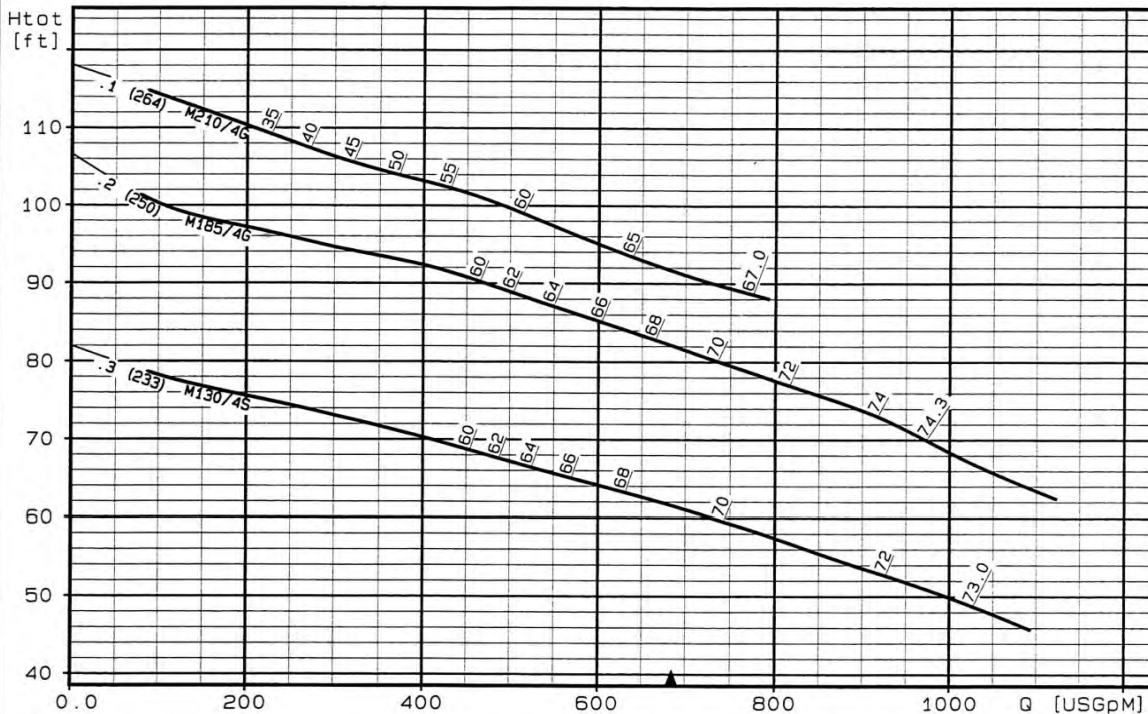
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Grey Hawk PS Pump Curves:

ABS	Performance Field	60 Hz
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MODEL: AFP 1047 4 POLE  
 TAB: 4" OPEN CB PAGE 6.0



Solid size : 75 mm	No. of vane : 2
Performance diagram based on motor speed (n not const.)	
Speed Motor: 1780 RPM	4"
Speed hydr.: 1780 RPM	
Tolerance according to hydraulic institute	
Issue : 27.Nov 1997	T4.1 IEM

S0.16/SNO



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Grey Hawk Pump Station



Control Panel



Valve Vault



Generator



Grinder Manhole



Wetwell





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Grey Hawk Pump Station



Sump



Chemical Metering Pumps



Exhaust Fan



Eyewash



Chemical Building

