

Town of Cary Pump Station Inspection Sheet



Facility Name: Copperleaf

Inspection Date: 3/8/2010

ID Number: 034

Pump

Type: Submersible
Discharge Diameter: 4"
Control: Float / FVNR Starter
Manufacturer: ABS Pumps
ABS AFP1047.1 ME185/4
230-228-2700

Condition: Like New
Pump One: 286 gpm
Pump Two: 281 gpm
Firm Capacity 281 gpm
Firm Capacity 1,592 gpm
Rep: Pete Duty & Associates
919-220-4156

Wetwell: 6' Diameter 5.2' Deep Vol: 1,100 gal

Odor:

At the Fence: 0.006 ppm
Odor Control: Bioxide

Wetwell: 0.240 ppm
Condition: Like New

Generator:

Generator: Detroit Diesel
Model 60DSEJB

Condition: Like New
KVA: 54 KW: 54

Grinder:

Grinder: Muffin Monster
Aluminum Trash Rack with Crane

Condition: Like New

Sound:

At the Fence: 60 dB Gen off
At the Fence: 79 dB Gen on

Wetwell: 60 db Pump off
Wetwell: 75 db Pump on

Comments:

- station is new
- carbon absorber has been removed
- valve vault had 6" of ground water in it



ABS

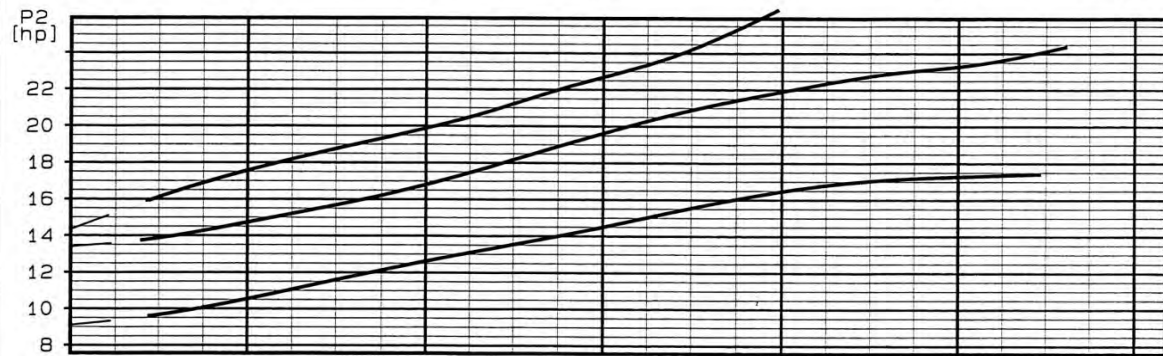
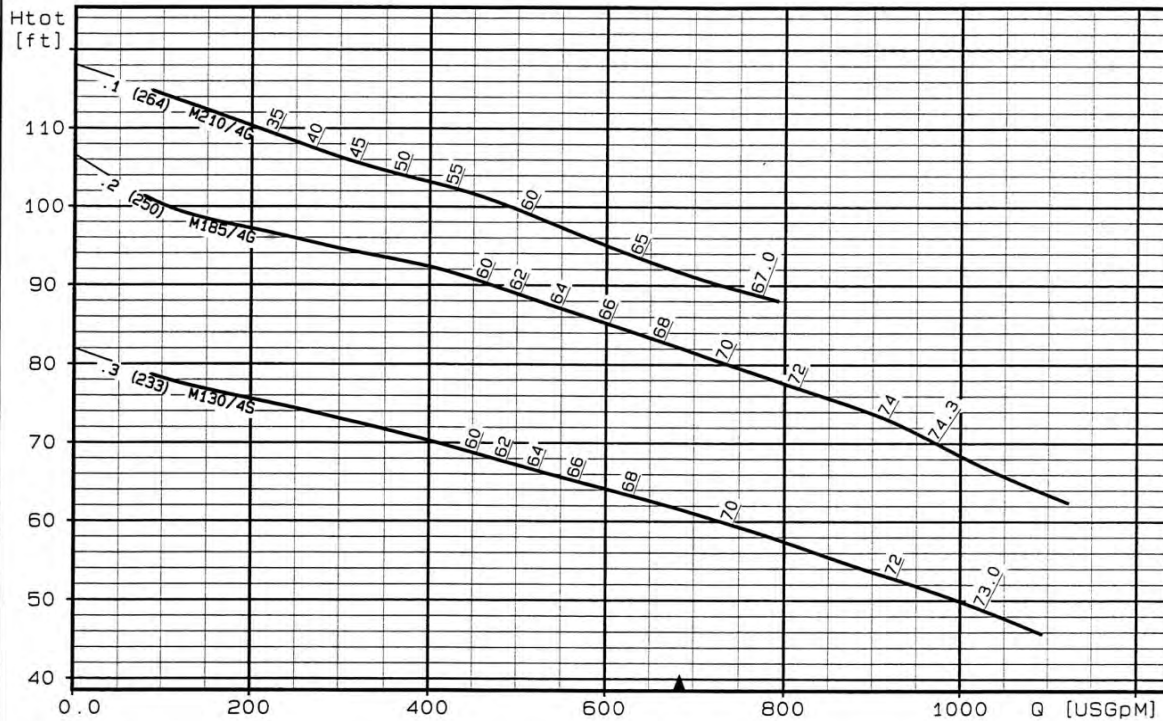
Performance Field

60
Hz

MODEL: AFP 1047 4 POLE

TAB: 4" OPEN CB

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Solid size : 75 mm

No. of vane : 2

Performance diagram based on motor speed (n not const.)

Speed Motor: 1780 RPM

Speed hydr.: 1780 RPM

4"

Tolerance according to hydraulic institute

Issue : 27.Nov 1997

T4.1

IEM

S016/SNO

Town of Cary Pump Station Inspection Sheet



Copperleaf Pump Station



Control Panel



Eyewash Station



Generator



Discharge Piping



Wetwell



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Wetwell



Grinder



Chemical Pumps



Chemical Storage Tank



Carbon Absorber Piping



Wetwell

