

Town of Cary Pump Station Inspection Sheet



Facility Name: Somers (Aventon)

Inspection Date: 10/21/2011

ID Number: 050

Pump

Type: Submersible

Discharge Diameter: 6"

Control: Float / FVNR Starter

Manufacturer: ABS Pumps

ABS AFP1047.1 ME185/4

230-228-2700

Wetwell: 6' Diameter

Condition: New

Design Flow: 307

Design Head: 95

Rep: Pete Duty & Associates

919-220-4156

6' Deep Vol: 1,300 gal

Generator:

CUMMINS

Condition: New

KW: 125

Grinder:

Grinder: Muffin Monster

Condition: New

Sound:

At the Fence: 64 dB Gen off Five foot from Generator 97 db Generator on

At the Fence: 83 dB Gen on Seven meters from Gene 82 db Generator on

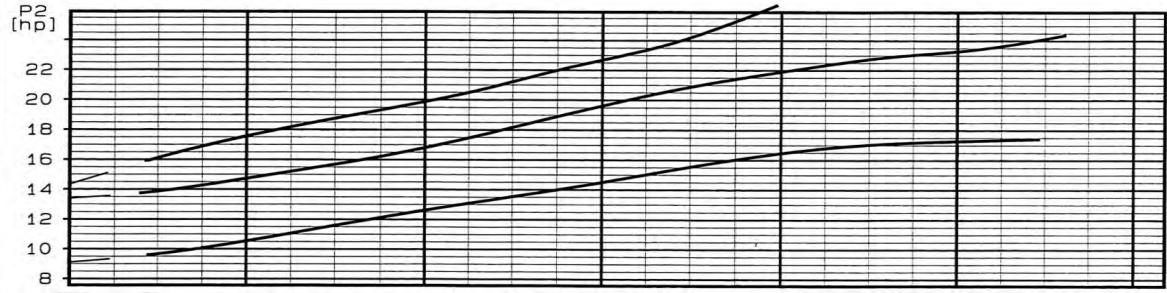
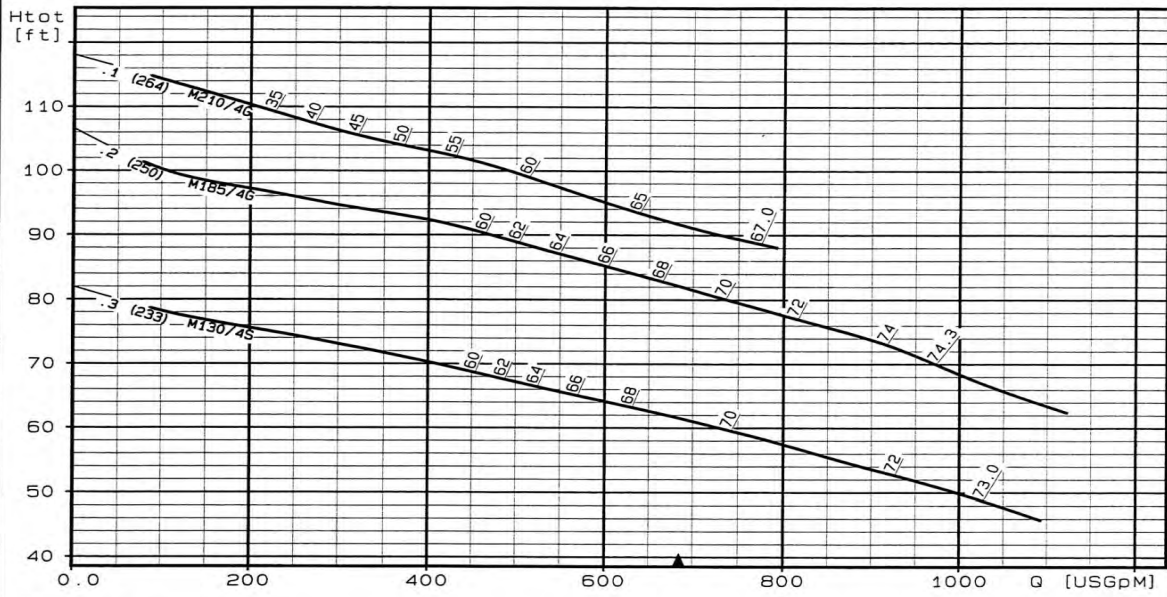
Comments:

- new
- currently only serves a couple houses, new houses are being built
- generator does not meet specification for noise attenuation
- generator noise attenuation is being upgraded
- 8 foot coated manhole
- has a grinder, generator, bioxide facility, bypass & charcoal canister
- Bioxide odor control facility with a carbon canister



| | | |
|-----|-------------------|----------|
| ABS | Performance Field | 60 Hz |
|-----|-------------------|----------|

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 | IEM |

S016/SNG

Town of Cary Pump Station Inspection Sheet



Somers Pump Station



Control Panel



Chemical Building



Chemical Building



Town of Cary Pump Station Inspection Sheet



Charcoal Canister



Generator



Wetwell



Grinder

