Facility Name: Aviation Parkway  
ID Number: 042  

Pump  
Type: Submersible  
Discharge Diameter: 8”  
Control: VFD/Blubber  
Manufacturer: ABS Pumps  
ABS AFP1040 M35/4  
230-228-2700  
Wetwell: 6’-2” Diameter  
7’ Deep  
Vol: 2,700 gal  

Condition: Good  
Pump One: 3,125 gpm  
Pump Two: 3,137 gpm  
Firm Capacity 3,125 gpm  
Rep: Pete Duty & Associates  
919-220-4156  

Odor:  
At the Fence: 0.005 ppm  
Wetwell: 2.600 ppm  
Condition: NA  

Generator:  
Generator Gregory Poole – Olympia  
Model 3406  
KVA: 375  
KW: 300  
Condition: Fair  
Switchgear: Auto  

Grinder:  
Aluminum Trash Screen  
Condition: Fair  

Sound:  
At the Fence: 62 dB Gen off  
Wetwell: 70 db Pump off  
Wetwell: 71 db Pump on  

Comments:  
- no grinder  
- no odor control.  
- generator  
- pump guides in good condition, steel guide supports are in poor condition.  
- generator has several areas of surface rust  
- electrical building is in poor condition. mostly cosmetic  
- electrical building exhaust fan is in poor condition  
- electrical building door was in poor condition, fixed during inspection  
- wetwell vent is rusty  
- wetwell steps are missing in sections
Aviation PS Pump Curve:

MODEL: AFP 2001 4 POLE
TAB: 8" CLOSED

Performance Field

Htot [ft] vs. Q [USGpm]

P2 [hp] vs. Q [USGpm]

NPSH [ft] vs. Q [USGpm]

Solid size: 90 x 125 mm
No. of vane: 2

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

Speed Motor: 1780 RPM
Speed hydr.: 1780 RPM

Tolerance according to hydraulic institute

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