

**Gentlemen!
Start Your engines!**





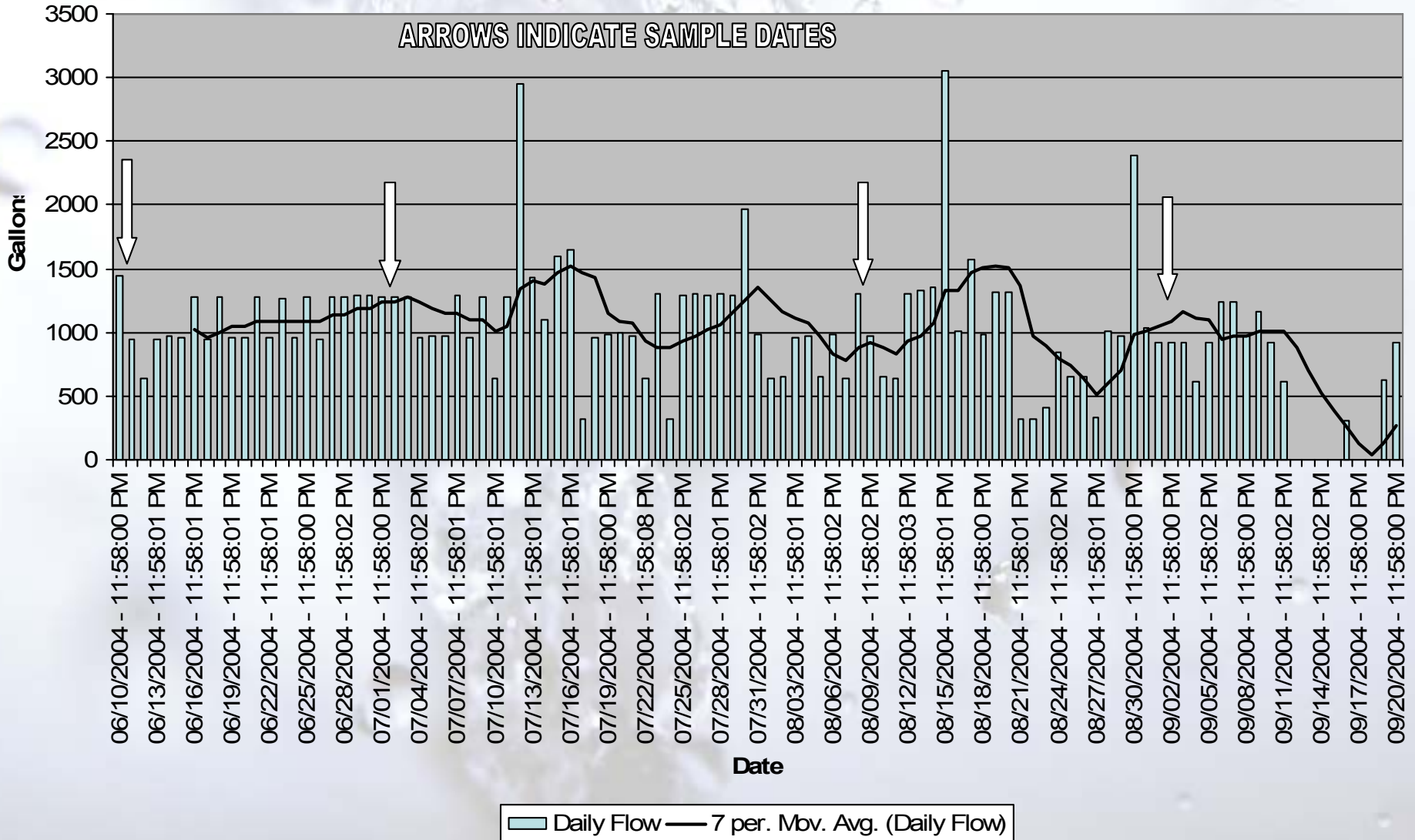




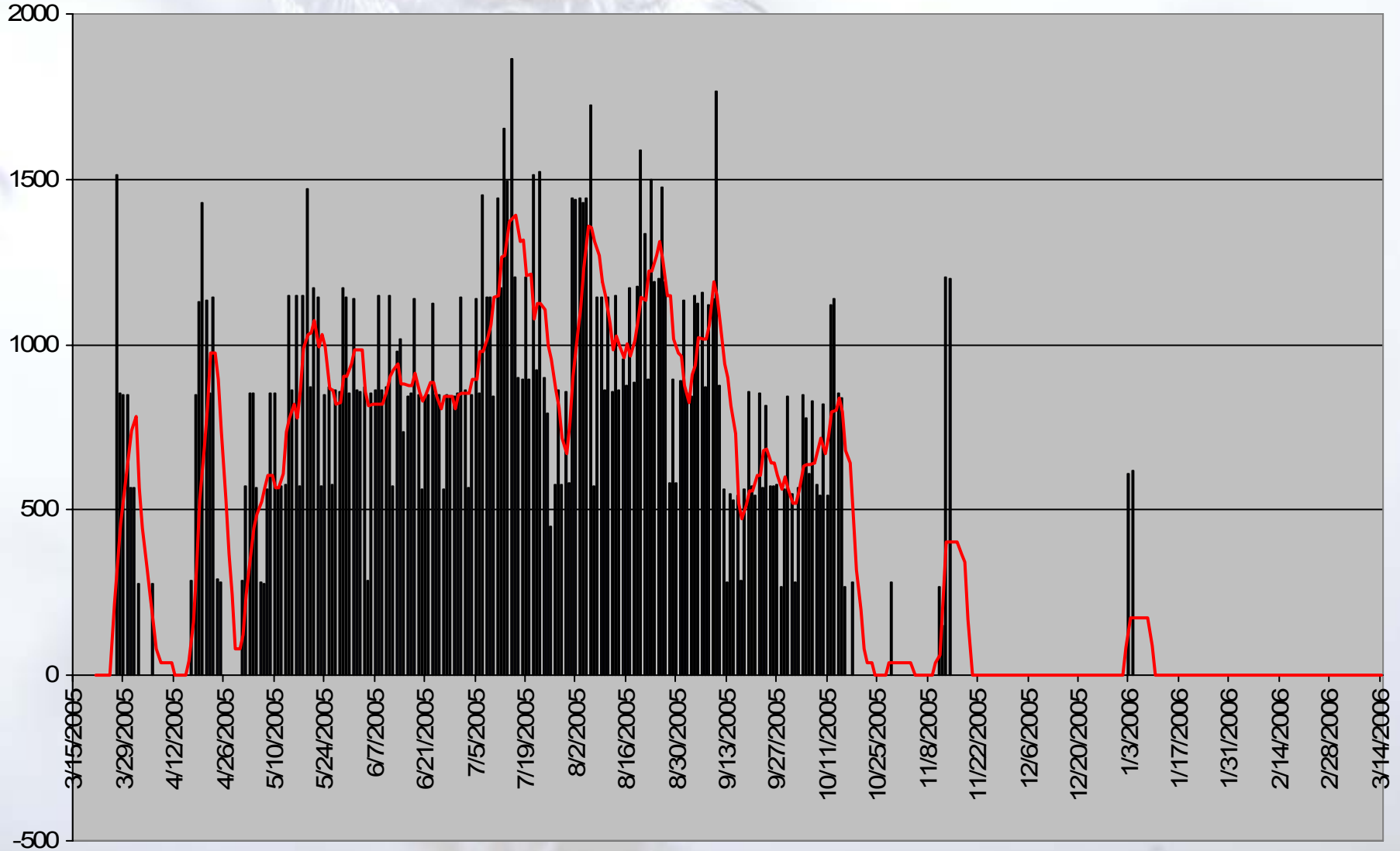


Flow Data

12 BR Oceanfront Home
Weekly Rental - 1440 GPD Design
AdvanTex Treatment System



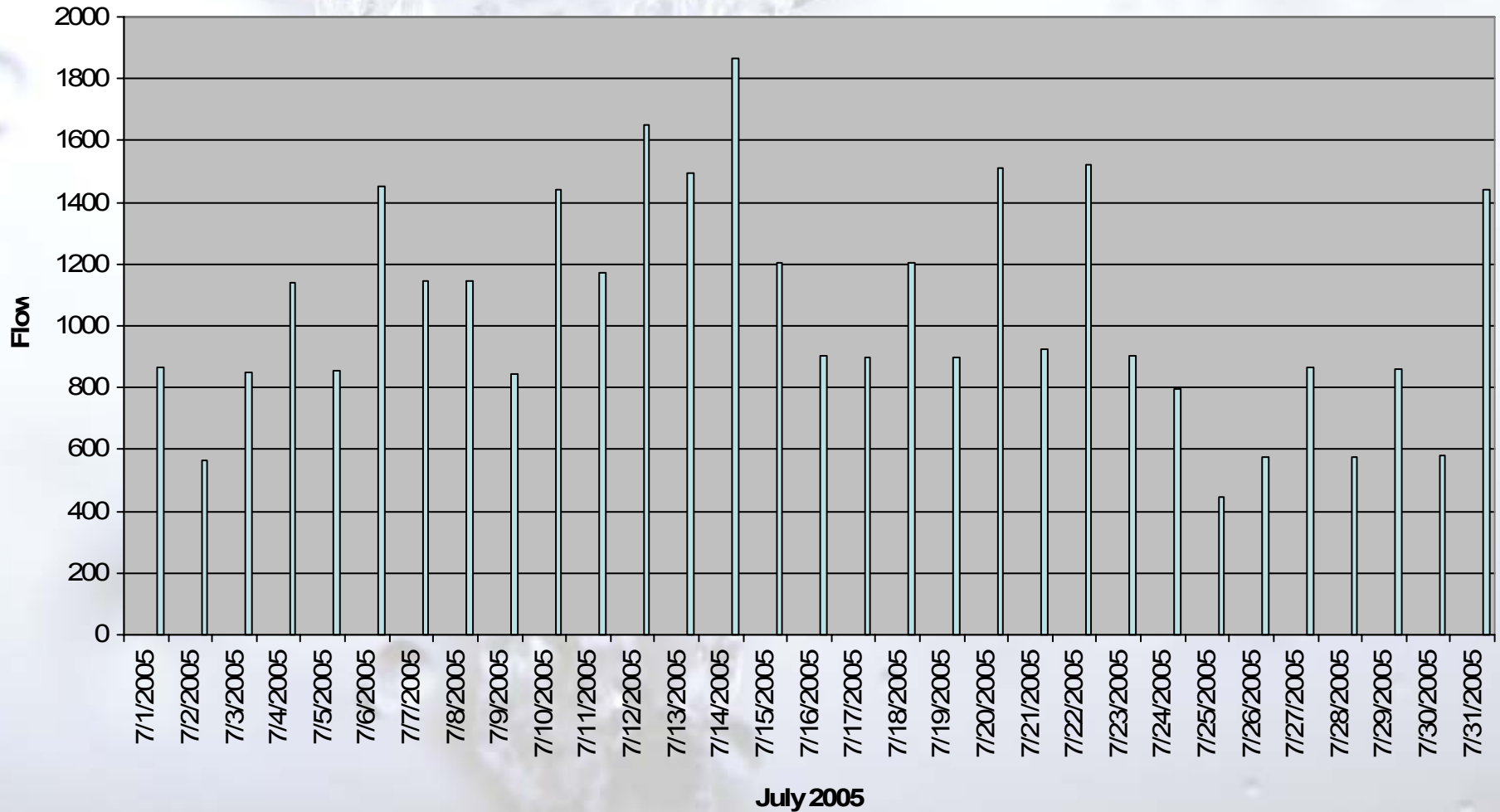
Flow Data



Flow Data



Ocean Front 12 BR



Influent Data



Mean Influent BOD – 285

High - 380

Low - 220

Mean Influent TSS – 67

High - 131

Low - 12

Mean Influent TN – 85

High – 125

Low - 54

All figures in mg/l

n = 18 grab samples

System Design



- 4000 Gallon H-20 Septic Tank
- 1500 Gallon Recirculation Tank
 - Top Seam 5000 PSI Concrete
- 2000 Gallon Pump Tank
- 3 AdvanTex AX20 System
- Single Bulb Gravity UV Unit
- Myers ME50 Dosing Pump
- VeriComm Web Based Telemetry Panel
- Three 80' LPP Lines 5' OC
- Permit from State DENR





Paradise IV

1617

Exclusive Properties
441-0811
FOR SALE

Paradise V

1615

Call for
Coping
Plugs

AdvanTex



- Recirculating Textile Media
 - Hanging Curtain Design
- Cannot Bypass
- Large Surface Area
- Passive Aeration
- Smart Control Panel



Effluent Data



Mean Effluent BOD – 4.9

High - 14

Low - <2

Mean Effluent TSS – 6.4

High - 20

Low - 1.2

Mean Effluent TN – 23.4 (72.5% Reduction)

High - 42.7

Low - 9.4

All figures in mg/l

GeoMean Fecal Coliform – 4.6

High - 660 (not chilled properly)

Low - Below Detect

n = 20 grab samples

Lessons Learned



- Big Turbines Produce Torque
- UV Headaches
- Septic Filters in Winter
- Little Red Plugs
- Good Maintenance = Time

Smart Moves



- 3Q Tanks
- Telemetry Panels
- A good DEfence
- Hurricane Valve
- Maintenance Schedule
- Textile

Questions?

