BOND WATER TECHNOLOGIES, INC.

WASTEWATER TREATMENT SERVICE REPORT

Date: 8/9/2018

Customer: Customer X
Address: 100 Hollywood Lane
City/State: Richmond, VA
Attention: Skip Johnson

Bond Representative: John T. Dunford
Phone: XXX-XXX-XXXX
Copy: John Riggins
Copy: Operators
Copy:

Operational DATA

	Flow gpm				pH	Control	
DAF Flow	108			**Influent**	7.47	**(5.5 - 8.0)**	
				Effluent	7.21	**(5.0 - 11.0)**	
Recycle PSI		88	**(90 - 95)**	**DAF Rotameter (SCFH)**		70	
Days		30		**Influent TSS**		2100	**Record**
				Effluent TSS		23	**<100**
Effluent Turbidity		23.3	**NTUs**	**TSS Removal Percent**		**98.9**	**>90%**

Product Usage & Inventory

Product		ppm	Inventory	Usage	Daily Cost	Daily Usage
400S	Coag	94	276	217		7.2
2431-90B	Floc	10	28	37		1.2
3211-50B	Floc	4	14	14		0.5

Notes:

1. Influent and Effluent pH probes calibrated weekly.
2. DAF is cleaned every two weeks.
3. TSS is measured via DR900 test Photometric Method* (Also called Nonfilterable Residue) - NOT REPORTABLE
4. Influent TSS is diluted 5:1 (multiplied by 5) to read

Service Visit Summary

Effluent water quality was excellent. Slightly adjusted recirc water line valve entering the main supply into the DAF to maintain 90 - 95 psi (was at 86) and minimize pump cavitation. Floc formation was excellent in first and second reaction tanks. Jar testing showed feed rates optimized. Sludge blanket on DAF looked very good. Bob replaced the pH probe rods for the influent and effluent recently. Appears to have made a big difference with maintaining control range and minimizing acid and caustic overfeeds. Keep up the great work.

Thank you for your business!

John T. Dunford, CWT

Effluent Water

Second Reaction/Floc Tank - excellent solids separation!

Sludge Blanket uniform on top