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Current Water Quality

Revised: 2/17/2008

Discharge Permit/Limits and Effluent Quality – January 2008			
<u>30-day Parameters</u>	Maximum Limits	<u>Performance</u>	<u>Variances</u>
Carbonaceous Biochemical Oxygen Demand (CBOD ₅) - mg/L	17	8	0
Suspended Solids (SS) - mg/L	30	18	0
<u>E. coli</u> - Number per 100 mL	126	41	0
Ammonia (NH ₃) - mg/L	159.5	0	
<u>Daily Parameter</u>			
Nitrate plus Nitrite - mg/L	11.4	6.2	0
<u>Instantaneous Parameter</u>			
Total Residual Chlorine (TRC) - mg/L	0.019	0	0
503 Regulations/Anaerobic Digester Limits			
<u>30-day Parameters</u>	Minimum Limits	<u>Performance</u>	<u>Variances</u>
Temperature – Monthly Average (°F)	95 ¹	97	0
Sludge Retention - Number of Days	15	16	
Volatile Solids Percent Reduction - Monthly Average	38	53	
¹ A maximum limit also applies; the maximum allowable regulatory monthly average temperature is 131°F			

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