FACT SHEET

Appendix B

Hahira Water Pollution Control Plant NPDES Permit No. GA0037974

7Q10:

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Effluent Limitations Calculations:

Part I.B.1:

	Monthly Average Limits			Weekly Average Limits			
Permitted Flow (MGD):	0.275 MGD			0.34	MGD		
	Concentration	Concentration Mass Loading			Concentration Mass Loading		s Loading
Five-day Biochemical Oxygen Demand	20.0 mg/L	46	lb/day	30.0	mg/L	57	lb/day
Total Suspended Solids	30 mg/L	69	lb/day	45	mg/L	86	lb/day
Ammonia, as N	10.0 mg/L	23	lb/day	15.0	mg/L	29	lb/day
	Daily max	ximum Li	mits				
Total Residual Chlorine	0.01 mg/L						
Part I.B.2	2:						
	Monthly Average Limits		Weekly Average Limits				
Permitted Flow (MGD):	0.275 MGD			0.34	MGD		
Permitted Flow (MGD):	0.275 MGD Concentration	Ma	ss Loading		MGD centration	Mas	s Loading
Permitted Flow (MGD): Five-day Biochemical Oxygen Demand		Ma 46	ss Loading lb/day			Mas 57	s Loading lb/day
	Concentration		6	Con	centration		e
Five-day Biochemical Oxygen Demand	Concentration 20.0 mg/L	46	lb/day	Con 30.0	centration mg/L	57	lb/day
Five-day Biochemical Oxygen Demand Total Suspended Solids	Concentration 20.0 mg/L 30 mg/L	46 69	lb/day lb/day	Con 30.0 45	centration mg/L mg/L	57 86	lb/day lb/day
Five-day Biochemical Oxygen Demand Total Suspended Solids Ammonia, as N	Concentration 20.0 mg/L 30 mg/L 1.0 mg/L	46 69 2.3	lb/day lb/day lb/day	Con 30.0 45 1.5	centration mg/L mg/L mg/L	57 86 2.9	lb/day lb/day lb/day
Five-day Biochemical Oxygen Demand Total Suspended Solids Ammonia, as N Total Phosphorus, as P	Concentration20.0mg/L30mg/L1.0mg/L3.6mg/L	46 69 2.3 8.3 46	lb/day lb/day lb/day lb/day lb/day	Con 30.0 45 1.5 5.4	centration mg/L mg/L mg/L mg/L	57 86 2.9 10.3	lb/day lb/day lb/day lb/day

Refer to Section 4 of the Fact Sheet for conversion factors and equations used