



**GOLD BAR WASTEWATER TREATMENT PLANT
PLANT PERFORMANCE REPORT
Mar 2010**

Digested Sludge: Total Monthly Volume (ML) 76.59

DATE	Volume of Flow (ML)					pH	TSS (mg/L)			BOD (mg/L)		TP (mg/L)		NH3-N (mg/L)		E. Coli			
	BYPASS		RAW	FEC	MPW		FEC	TBP	FEC	BOD5	CBOD5	TBP	FEC	TBP	FEC	TBP	FEC	Counts/100mL	
	PRIM	SEC								TBP	FEC							TBP	FEC
Mon 01	0.00	17.90	278.27	249.67	10.70	7.35	ns	4.1	ns	2.6	ns	0.37	ns	3.08	3.3	4			
Tue 02	0.00	11.10	283.80	261.90	10.80	7.36	262	4.3	233	3.6	10.2	0.40	39.0	3.54	3.3	3			
Wed 03	0.00	0.00	276.80	266.20	10.60	7.34		5.1		4.5		0.37		5.30		4			
Thu 04	0.00	23.00	290.90	257.80	10.10	7.24	300	3.7	246	3.8	9.0	0.37	26.4	2.64	3.0	4			
Fri 05	0.00	21.90	292.00	258.30	11.80	7.30	222	4.2	236	3.5	9.4	0.34	32.5	2.24	3.7	5			
Sat 06	0.00	18.20	276.80	247.90	10.70	7.32	222	4.3	233	3.1	9.8	0.38	37.0	2.71	4.5	20			
Sun 07	0.00	12.20	268.14	245.50	10.44	7.19	169	4.7	224	3.8	E 10.4	0.55	38.4	3.07	4.5	5			
Mon 08	0.00	0.00	267.03	256.60	10.43	7.08		5.0		3.4		0.53		2.96		4			
Tue 09	0.00	0.00	246.50	235.20	11.30	7.39		4.4		3.2		0.40		1.85		8			
Wed 10	0.00	0.00	250.30	238.60	11.70	7.23		4.3	*	3.7		0.42		2.55		3			
Thu 11	0.00	0.00	251.30	240.10	11.20	7.40		4.6		2.8		0.41		2.43		2			
Fri 12	0.00	0.00	267.70	257.00	10.70	7.90		4.6		3.7		0.42		3.01		2			
Sat 13	0.00	0.00	249.96	239.41	10.55	7.39		3.8	*	2.9		0.38		2.59		2			
Sun 14	0.00	0.00	243.00	233.00	10.00	7.43		4.6		2.9		0.43		3.23		1			
Mon 15	0.00	0.00	265.80	255.60	10.20	7.24		4.1		2.0		0.37		2.66		4			
Tue 16	0.00	0.00	266.96	257.19	9.77	7.42		3.4	*	2.8		0.31		1.83		5			
Wed 17	0.00	0.00	270.50	259.80	10.70	7.50		4.2		5.4		0.32		2.73		2			
Thu 18	0.00	0.00	261.20	249.70	11.50	7.25		4.1		3.4		0.32		2.66		4			
Fri 19	0.00	0.00	242.20	230.00	12.20	7.53		3.9		3.2		0.26		1.95		14			
Sat 20	0.00	0.00	242.10	230.50	11.60	7.35		5.6		5.4		0.41		1.72		3			
Sun 21	0.00	0.00	251.20	240.40	10.80	7.39		4.2		3.9		0.42		2.82		3			
Mon 22	0.00	0.00	279.70	269.80	9.90	7.25		3.5		4.0		0.30		3.03		3			
Tue 23	0.00	0.00	256.65	246.55	10.10	7.18		4.1		3.3		0.32		2.09		8			
Wed 24	0.00	0.00	246.80	235.60	11.20	7.24		4.3		3.2		0.32		2.89		9			
Thu 25	0.00	0.00	249.20	237.20	12.00	7.38		4.1		2.9		0.34		3.00		4			
Fri 26	0.00	0.00	255.40	244.70	10.70	7.42		4.7		3.4		0.40		2.98		5			
Sat 27	0.00	0.00	249.60	238.90	10.70	7.23		4.4		2.7		0.42		3.12		8			
Sun 28	0.00	0.00	247.30	236.10	11.20	7.35		3.7		2.8		0.49		3.18		1			
Mon 29	0.00	0.00	251.60	240.60	11.00	7.33		3.4		2.6		0.54		3.37		9			
Tue 30	0.00	0.00	242.30	232.10	10.20	7.22		4.7		4.1		0.40		2.48		2			
Wed 31	0.00	0.00	244.50	234.00	10.50	7.43		3.5		3.7		0.36		2.12		3			
AVG			260.18	246.00	10.82	7.34	235	4.2	234	3.4	9.8	0.39	34.7	2.77					
GeoMean															3.7		4		
TOTAL	0.00	104.30	8,065.51	7,625.92	335.29														

*=contact Laboratory for information about the quality assurance associated with the result

PRIM = Primary RAW = Plant Influent (Untreated Wastewater) MPW = Membrane Product Water (Effluent re-use water)
 SEC = Secondary FEC = Final Effluents Combined MPN = Most Probable Number ns = No Sample ws = Wrong Sample
 ML = Megalitres (1,000,000 Litres) TBP = Total Bypass (PRIM Bypass + SEC Bypass) E = Estimated Value nr = No Result

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