



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

Digested Sludge: Total Monthly Volume (ML)	67.00
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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	Counts/100mL	
	PRIM	SEC								TBP	FEC					TBPx10 ⁶	FEC
Fri 01	0.00	0.00	214.00	204.10	9.90	7.40		3.4		2.4		0.20		0.94		29	
Sat 02	0.00	0.00	224.00	214.60	9.40	7.40		3.6		2.3		0.18		1.19		1	
Sun 03	0.00	0.00	234.00	224.90	9.10	7.48		4.6		2.4		0.23		1.36		4	
Mon 04	0.00	0.00	239.80	231.60	8.20	7.37		4.2	*	2.6		0.21		1.41		10	
Tue 05	0.00	0.00	238.70	229.60	9.10	7.31		4.0		2.5		0.23		2.19		7	
Wed 06	0.00	0.00	237.60	228.60	9.00	7.31		3.8		2.5		0.21		2.45		3	
Thu 07	0.00	0.00	238.60	228.90	9.70	7.36		3.3		2.3		0.20		2.17		1	
Fri 08	0.00	0.00	239.20	229.20	10.00	7.40		4.3		2.4		0.20		2.43		10	
Sat 09	0.00	0.00	236.10	226.40	9.70	7.40		3.6		2.5		0.20		2.68		4	
Sun 10	0.00	0.00	244.70	235.00	9.70	7.40		3.3		2.7		0.20		2.19		3	
Mon 11	0.00	0.00	256.80	247.30	9.50	7.25		3.2		2.5		0.18		1.46		3	
Tue 12	0.00	0.00	253.50	243.50	10.00	7.25		2.6		2.8		0.19		0.76		4	
Wed 13	0.00	0.00	253.20	242.90	10.30	7.42		3.2		3.2		0.21		0.26		10	
Thu 14	0.00	0.00	247.20	236.40	10.80	7.54		3.4		2.9		0.23		1.40		3	
Fri 15	0.00	0.00	245.80	235.00	10.80	7.35		4.3		2.9		0.23		1.41		8	
Sat 16	0.00	0.00	245.00	234.30	10.70	7.36		2.9		2.8		0.23		1.30		2	
Sun 17	0.00	0.00	244.80	233.60	11.20	7.25		3.8		3.0		0.27		2.01		1	
Mon 18	0.00	0.00	249.70	237.90	11.80	7.31		4.4		2.7		0.28		1.89		4	
Tue 19	0.00	0.00	243.80	232.40	11.40	7.33		4.0		3.3		0.37		0.80		14	
Wed 20	0.00	0.00	244.60	234.10	10.50	7.37		5.2		4.3		0.34		1.62		3	
Thu 21	0.00	0.00	246.70	235.40	11.30	7.83		6.0		3.0		0.36		2.65		12	
Fri 22	0.00	0.00	240.50	230.90	9.60	7.39		4.7		2.9		0.32		2.17		15	
Sat 23	0.00	0.00	242.90	234.40	8.50	7.51		4.8		3.5		0.28		2.39		5	
Sun 24	0.00	0.00	243.00	234.50	8.50	7.33		6.5		3.3		0.37		3.71		1	
Mon 25	0.00	0.00	249.40	241.30	8.10	7.36		5.5		3.0		0.38		2.28		7	
Tue 26	0.00	0.00	245.10	236.50	8.60	7.40		4.2		4.2		0.33		1.64		1	
Wed 27	0.00	0.00	246.30	237.40	8.90	7.38		4.3		3.5		0.27		2.43		4	
Thu 28	0.00	0.00	244.50	235.10	9.40	7.28		3.6		3.1		0.28		3.01		4	
Fri 29	0.00	0.00	244.50	236.10	8.40	7.76		3.8		3.5		0.28		3.15		12	
Sat 30	0.00	0.00	241.20	233.10	8.10	7.46		4.9		2.9		0.28		5.21		9	
Sun 31	0.00	0.00	239.70	230.90	8.80	7.40		5.9		3.0		0.40		8.25		15	
AVG			242.42	232.77	9.65	7.40		4.2		2.9		0.26		2.22			
GeoMean																5	
TOTAL	0.00	0.00	7,514.90	7,215.90	299.00												

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

PRIM = Primary

SEC = Secondary

ML = Megalitres (1,000,000 Litres)

RAW = Plant Influent (Untreated Wastewater)

FEC = Final Effluents Combined

TBP = Total Bypass (PRIM Bypass + SEC Bypass)

MPW = Membrane Product Water (Effluent re-use water)

MPN = Most Probable Number ns = No Sample

E= Estimated Value

ws = Wrong Sample

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