Gold Bar Wastewater Treatment Plant Plant Performance Report

PROFESSION HOME SPORT  Final Performance Report  January 2023																																															
	-																		,	anuary 202	3																			Digested Skudge: Total Monthly Volume (ML)					66.9		
		W	Volume of Flow	v (ML)		Liquid Stream Coality																																									
	ž																																														
	É		Effluent			4																																									
	Non UV Disinfected UV			UV Disinfected	1	pH825°C				TS	(mg/L)			B00ykB00 <sub>1</sub> (m			g(L)				TP (mg/L)	TP (mgL)					G-N (mg/L)	(mg/L)		un-lonized NH3-N			TiON (mgL)			NO <sub>2</sub> +NO <sub>3</sub> (mg		mg/L)	4	Chloride (mg/L)						coli (Counta/100 mL)	
				OUTFALL 10				Q T				8			8 8		100	9					Q T					a T							Q T			/ /	Q T			8		8	8	9.7	
		8	8	OULTAND IN		8	8	¥	8	8		Š			¥   ¥	25	8			8	8		ž,		8	8		7 5		8	8	9 7	8	8 1	Š		8	8 7	N E		8 8	7 5	- ₹	7 5	7 5	W-65	
	eak low	MITM	M. M.	\$ mc m	1	WITH THE	W	8	MILE	MT2	8	ì		RAW	0 0		FEC	FE.		OTFA.	M. CILL	6	ů		M. Market	M. M.	8	F i		5.5	25.5	4.15	34.6	мш	8		M.	M	•		MAIN CHEM	- 8	- 2			- 8	
	LD) NFx R	46 00	0.0 13	14 00 242.2 242.2	7.6	۰	0 ,	7.6 R	425 O	۰		PEC 2.5	2.5	337 B	OD <sub>L</sub> BOD	D <sub>L</sub> BOD <sub>L</sub>	c800 <sub>1</sub>	c800 <sub>k</sub>	7.02	۰	۰		0.20 F	0.20 BAW	y 0	۰		FEC 2.94	FE 2.94	۰	0	O R	56.1	۰	FEC 4.2	RAW	۰	O FE	9.21 RA	99.2	0 0	FEC 13	X10^6	X10*6	X10*6	FEC 2	
	12.2 0.0 21 17.3 0.0 21	3.4 0.0		13 0.0 251.1 251.1 13 0.0 257.6 257.6					403 400			2.7	2.7	363 376			3	3	6.61						13.2 11.0			2.36 2.31	2.36				56.1 57.0		3.7 3.6					104		11				5	
Wed-04 3	16.6 0.0 26	7.6 0.0	0.0 12	1.4 0.0 255.2 255.2	7.6			7.5	397			2.6	2.6	331			2	2	7.03				0.25	0.25 2	28.9			1.58	1.58				55.3		2.9	< 0.01			8.99	111		12	12			3	
	12.3 0.0 21 16.1 0.0 21	66 G0 68 G0		16 0.0 254.0 254.0 10 0.0 254.8 254.8					443 425			3.3	3.3	406 384			3 2	3 2	7.71						16.5 10.6			1.39	1.39				64.0		2.6					105		11				2 2	
	158 00 2 170 00 2	35 00		1.5 0.0 252.0 252.0 1.8 0.0 255.3 255.3				7.5	420			2.1	2.1	380			3	3	7.74 8.20				0.25	0.25 4	0.6			1.07	1.07				58.5 61.2		2.7					111		12				1	
Mon-09 2	0.5 0.0 Z	1.9 0.0	0.0 10	1.8 0.0 261.1 261.1	7.6			7.5	432 427			3.6	36	316			2	2	7.40				0.23	0.23 2	95.8 27.7			1.21	1.21				56.6		2.7				10.5	120		10	08			1	
		3.4 0.0 7.9 0.0		1.4 0.0 253.0 253.0 1.7 0.0 256.2 256.2					424 452			20	20	338			3 < 2	3 < 2	8.24 8.02						25.4 34.9			0.53 0.73	0.53				61.6		2.1	< 0.01				122		12				3	
		60 00		1.1 0.0 253.9 253.9	7.6			7.5	472			4.6	4.6	351			2	2	8.17				0.28	0.28 3	15.2			0.67	0.67				61.9		2.4	- 0.01			2.69	122		13	10			2	
	77.5 0.0 2 18.2 0.0 2			18 0.0 256.7 256.7 14 0.0 257.7 257.7	7.6 7.6				397 480			4.0	4.0	313 293			2 2	2 2	9.18 8.74						94.0 28.6			0.84	0.84				63.4		2.4 2.5					107		11				3	
		59 G0 79 G0		1.7 0.0 254.2 254.2 1.7 0.0 256.2 256.2					420			2.7	2.7	312			2	2 2	8.47						0.10			1.10	1.10				66.2		16 28					101		10				7	
Tue-17 2	10.7 0.0 25	3.4 0.0	0.0 11	1.3 0.0 252.1 252.1	7.6			7.6	412 400			2.1	2.1	312			2 2	2	7.59 7.57				0.23	0.23 3	13.3 16.3			1.21 0.57	0.57				61.0 58.7		2.4				8.71	111		11	1.6			6	
	17.2 0.0 2 16.9 0.0 2	63 00 46 00		16 0.0 255.7 255.7 14 0.0 253.2 253.2					420 363			1.0	1.0	328 384			2 2	2 2	8.20 8.47						13.0 11.6			1.35	1.35				61.5 67.8		2.4	< 0.01				110		11				3 6	
Pri-20 3	12.3 0.0 26	61 00	0.0 11	8 00 2543 2543	7.5			7.6	324			2.4	2.4	346			2	2	7.93				0.26	0.26 4	12.9			1.75	1.75				64.2		3.5				8.70	110		11	16			3	
	12.1 0.0 Z 15.5 0.0 Z	58 00 56 00		1.2 0.0 264.6 264.6 1.8 0.0 273.8 273.8					332 328			2.2	2.2	307 302			2 2	2 2	7.82 7.59						64.6 61.1			2.35 2.94	2.36				64.6		4.2 4.8					143		12				2 8	
	18.7 0.0 2 12.5 0.0 2	97 00		1.0 0.0 257.7 257.7 1.0 0.0 254.8 254.8					332 356			2.8	2.0	333			3 2	3 2	7.42 7.35						12.9			2.30 1.73	1.73				60.2 57.9		3.6					105		15				4	
Wed-25 3	H.7 0.0 2	89 00	0.0 11	1.7 0.0 257.2 257.2	7.5			7.5	328			2.4	2.2	373			2 2	2	6.86				0.23	0.23 4	19.4 10.5			1.68	1.68				57.6		36 33	0.01			0.53	121		11	xs			3	
	10.3 0.0 3 01.8 0.0 2	8.1 55.9 9.8 3.0		1.6 0.0 300.6 300.6 1.2 0.0 275.6 275.6		7.3			408 9 304 9			2.8	2.8	321 324	144		2 2	2 2	5.97 7.16	4.10					N.4 21 17.5 21			1.17	1.17				44.0 44. 57.8 21.		3.0 2.4		0.31			409 193	561 376	22		1.1	.	4	
	H2 00 2	66 GO 77 GO	0.0 11	1.7 0.0 254.9 254.9 7 0.0 258.0 258.0	7.6			7.5	328			2.5	2.5	319			2	2	7.17				0.20	0.20 4	14.7			2.10	2.10				61.2		3.9				7.30	105		11				2	
Mon-30 2	10.5 G0 Z			14 0.0 261.0 261.0	7.5				354			2.1	2.1	293 361			2 3	2 3	7.97 7.74						95.7 90.9			2.40 2.37	2.40				GES GES		4.4 4.2					84.4 97.1		12	22			5	
Tue-31 3 Average 3	3.1 00 2 3.0 00 2	59 00 14 19	0.0 11	LO 0.0 254.9 254.9 LS 0.0 258.1 258.1	7.7	7.5	_	7.6 7.5	420 394 1	37		2.5	2.8	355 342	143		2.3	2 23	7.80 7.67	2.95			0.19	0.19 3	13.3 16.0 21	19		1.26	1.25		_		61.0 33	2 -	31	< 0.01	0.21		9.10	118	400 -	1	15			2	
Minimum 3	17.3 00 2 10.3 00 30	4.6 0.0 8.1 55.0	0.0 9	7 0.0 242.2 242.2	7.3	7.3	-	7.4	304 9	os	-	1.0	1.0	293 405	141 -		< 2	< 2	5.97	1.00	-	_	0.19		N.4 21	8.5 9.7	_	0.53	0.53	-		-	44.0 21. 68.6 44	-	21	< 0.01	0.11	-	6.48	84.4	376 -	10	1.6	0.7		1 0	
GeoMean		194 59	0 1	55 0 8000 8.000		===	_	-		-				-					-			_				_	_		=	-		_		-	-	-	-		=	=	-	_	2.0	0.8	-	3.1	
* Contact Laborato	y for information about the	e quality assurance	e associated with t	the results								RAW Units	wated Influent in	to the plant					FEC		Combined post-UV	dainfection (FE-	+EPEPS)																								
								990 Unward friender in de le galer (FE Conteste park M ordender FE CONTEL 1)  PP Unward friender in translation sprine (CONTEL 1)  PP Unward friender in translation sprine (CONTEL 1)  PP Unward friender in translation sprine (CONTEL 1)																																							
Ennanced Primary Treatment (EPT) Usage  Total Byoass (hr)   EPT Usage (hr)   % Usage   Total Byoass YTD (hr)   EPT Usage YTD (hr)   % Usage YTD						PE Primary Ethant from conventional primaries. OUTFA								LL 30	Centrolog Spans (PM v 1Pe - 1PD)																																
12	(III) LI I G	2	100%	12	Li i Gas	12	19	00%		EPT Enhanced Primary Treatment									M. Megellar (1000.000 Linear March M																												
Report Comm											DTC Convent Presey Tilbard Special Spe																																				
Report Comm	·······											rs Final	il Diffuent from a relection.	econdary treatm	process (with I	gcs nurient	randos, ete-Utra	erodi.	INS		Insufficient Sample																										
											AD About Colormed & Prick																																				
								Morning graph Chancel																																							
								Afredo Suinez M. Sc. ( P.Eng. Julf Charrols PHD																																							
AEP Ref #	AEP Ref #										Senior Manager, Operations Senior Manager, Analytical Operations & Process Development Teams																																				