

Gold Bar Wastewater Treatment Plant
Plant Performance Report
August 2022

Digested Sludge: Total Monthly Volume (ML) 68.9

DATE	Peak Flow (ML/D)	Volume of Flow (ML)										Liquid Stream Quality																															
		Influent		Effluent				pH@25°C				TSS (mg/L)				BOD ₅ /COD _{Mn} (mg/L)				TP (mg/L)				NH ₃ -N (mg/L)				TKN (mg/L)				NO _x -NO _y (mg/L)				Chloride (mg/L)				E. coli (Counts/100 mL)			
		RAW	OUTFALL 10	Non UV Disinfected		UV Disinfected		RAW	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10	OUTFALL 10						
				RAW	OUTFALL 10	RAW	OUTFALL 10																															RAW	OUTFALL 10	RAW	OUTFALL 10	RAW	OUTFALL 10
Mon-01	352.2	0.0	288.5	0.0	0.0	11.9	0.0	276.6	276.6	7.6	7.6	340	2.9	2.9	291	< 2	2	6.20	0.14	0.14	31.6	0.22	0.22	57.4	1.7	1.7	8.2	88.6	79.9	4	4	88.6	79.9	4	4								
Tue-02	347.6	0.0	279.8	0.0	0.0	11.9	0.0	263.9	263.9	7.5	7.6	317	2.4	2.4	254	< 2	2	6.24	0.13	0.13	32.7	0.22	0.22	49.2	1.8	1.8	9.1	90.9	80.5	3	3	90.9	80.5	3	3								
Wed-03	321.4	0.0	271.0	0.0	0.0	11.0	0.0	260.6	260.6	7.6	7.7	371	11.3	11.3	318	< 2	3	6.22	0.20	0.20	30.3	0.22	0.22	52.3	1.7	1.7	10.1	93.0	93.1	10	10	93.0	93.1	10	10								
Thu-04	1,349.9	0.0	481.2	139.3	0.0	10.6	0.0	331.3	331.3	7.3	7.3	48	3.0	3.0	157	< 2	2	4.23	0.17	0.17	9.8	0.12	0.12	28.7	1.4	1.4	7.7	37.5	53.5	86.2	86.2	1.3	1.3	37.5	53.5	86.2	86.2						
Mon-05	483.7	0.0	392.1	144.0	0.0	12.0	0.0	325.7	325.7	7.5	7.7	238	2.9	2.9	201	< 2	2	4.53	0.16	0.16	16.0	0.12	0.12	36.1	27.4	1.2	1.2	7.6	76.6	67.3	71.8	71.8	0.9	0.9	76.6	67.3	71.8	71.8					
Sat-06	333.1	0.0	276.8	0.0	0.0	11.1	0.0	265.7	265.7	7.6	7.6	280	1.9	1.9	204	< 2	2	5.37	0.10	0.10	31.2	0.31	0.31	42.1	1.0	1.0	8.68	83.4	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1					
Sun-07	337.4	0.0	265.8	0.0	0.0	10.4	0.0	255.4	255.4	7.5	7.6	303	1.8	1.8	247	< 2	2	5.86	0.15	0.15	30.0	0.38	0.38	48.9	1.9	1.9	9.87	79.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9					
Mon-08	321.4	0.0	276.9	0.0	0.0	11.5	0.0	267.4	267.4	7.6	7.6	304	2.8	2.8	289	< 2	2	6.54	0.16	0.16	31.5	0.26	0.26	55.2	1.7	1.7	9.28	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3				
Tue-09	319.8	0.0	274.6	0.0	0.0	11.6	0.0	260.0	260.0	7.5	7.7	320	2.3	2.3	270	< 2	2	6.37	0.16	0.16	31.1	0.27	0.27	52.5	1.7	1.7	8.70	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3				
Wed-10	322.8	0.0	271.6	0.0	0.0	11.5	0.0	260.1	260.1	7.6	7.7	304	2.4	2.4	305	< 2	2	6.40	0.19	0.19	31.9	0.15	0.15	49.1	1.6	1.6	9.86	104	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5				
Thu-11	347.8	0.0	271.0	0.0	0.0	11.9	0.0	259.1	259.1	7.6	7.6	308	3.4	3.4	294	< 2	2	6.66	0.19	0.19	33.2	0.16	0.16	49.6	1.7	1.7	10.8	80.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0				
Fri-12	324.7	0.0	276.5	0.0	0.0	10.3	0.0	266.2	266.2	7.7	7.7	348	2.9	2.9	343	< 2	2	6.45	0.20	0.20	21.8	0.23	0.23	47.6	1.8	1.8	11.1	79.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2				
Sat-13	340.8	0.0	269.9	0.0	0.0	10.4	0.0	259.5	259.5	7.6	7.7	256	2.5	2.5	309	< 2	2	5.87	0.18	0.18	29.3	0.25	0.25	46.2	1.7	1.7	9.76	78.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4				
Sun-14	327.1	0.0	261.0	0.0	0.0	11.3	0.0	249.7	249.7	7.7	7.7	364	2.5	2.5	248	< 2	2	6.88	0.19	0.19	31.8	0.21	0.21	53.0	1.7	1.7	10.4	74.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8				
Mon-15	322.5	0.0	271.8	0.0	0.0	11.3	0.0	260.5	260.5	7.6	7.7	323	2.9	2.9	232	< 2	2	6.70	0.18	0.18	30.9	0.24	0.24	52.3	1.8	1.8	10.8	84.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4				
Tue-16	317.6	0.0	270.9	0.0	0.0	11.3	0.0	259.6	259.6	7.6	7.7	317	2.7	2.7	297	< 2	3	6.28	0.20	0.20	29.1	0.41	0.41	48.7	1.8	1.8	9.74	86.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2				
Wed-17	312.1	0.0	271.5	0.0	0.0	11.4	0.0	260.1	260.1	7.6	7.7	291	4.7	4.7	325	< 2	2	6.87	0.23	0.23	31.7	1.10	1.10	45.9	2.6	2.6	11.7	86.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3					
Thu-18	352.0	0.0	270.7	0.0	0.0	10.6	0.0	261.7	261.7	7.6	7.7	440	2.9	2.9	348	< 2	2	7.10	0.20	0.20	35.7	0.44	0.44	55.7	1.6	1.6	8.59	87.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4				
Fri-19	321.8	0.0	272.3	0.0	0.0	10.6	0.0	261.7	261.7	7.6	7.7	326	3.0	3.0	290	< 2	2	6.51	0.22	0.22	27.0	0.35	0.35	50.5	2.1	2.1	7.70	89.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0				
Sat-20	327.2	0.0	263.5	0.0	0.0	11.6	0.0	251.9	251.9	7.7	7.6	324	3.2	3.2	245	< 2	3	6.91	0.21	0.21	32.3	0.39	0.39	52.1	1.8	1.8	9.83	92.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6				
Sun-21	330.3	0.0	261.7	0.0	0.0	11.4	0.0	250.3	250.3	7.6	7.7	351	3.4	3.4	287	< 2	3	6.90	0.22	0.22	34.4	0.45	0.45	52.6	1.8	1.8	9.72	83.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0				
Mon-22	312.9	0.0	270.4	0.0	0.0	10.8	0.0	259.8	259.8	7.6	7.6	320	5.6	5.6	313	< 2	2	7.04	0.24	0.24	33.8	0.33	0.33	51.5	1.9	1.9	10.2	89.5	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3				
Tue-23	324.1	0.0	270.4	0.0	0.0	11.2	0.0	259.2	259.2	7.7	7.7	372	3.6	3.6	287	< 2	2	6.95	0.26	0.26	26.0	0.47	0.47	51.6	2.1	2.1	9.30	79.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4				
Wed-24	320.7	0.0	268.1	0.0	0.0	11.0	0.0	257.1	257.1	7.5	7.6	352	4.2	4.2	289	< 2	2	6.95	0.27	0.27	29.0	0.52	0.52	50.0	1.8	1.8	8.55	82.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5				
Thu-25	321.2	0.0	267.6	0.0	0.0	11.2	0.0	256.4	256.4	7.8	7.6	284	4.6	4.6	340	< 2	2	6.64	0.31	0.31	28.7	0.57	0.57	46.9	2.0	2.0	9.15	81.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6					
Fri-26	323.5	0.0	272.9	0.0	0.0	11.3	0.0	261.6	261.6	7.6	7.7	296	3.7	3.7	341	< 2	3	7.22	0.31	0.31	29.3	0.59	0.59	47.5	2.0	2.0	8.49	88.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8					
Sat-27	453.0	0.0	281.5	7.1	0.0	11.0	0.0	263.4	263.4	7.5	7.6	376	3.5	3.5	308	< 2	3	6.92	0.29	0.29	27.4	0.57	0.57	46.2	2.2	2.2	8.64	81.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9					
Mon-29	330.3	0.0	269.3	0.0	0.0	11.3	0.0	258.0	258.0	7.7	7.6	317	4.5	4.5	312	< 2	3	6.85	0.31	0.31	31.7	1.58	1.58	48.1	3.1	3.1	8.51	76.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4					
Tue-30	322.9	0.0	270.3	0.0	0.0	11.1	0.0	259.2	259.2	7.5	7.5	384	4.8	4.8	319	< 2	3	7.58	0.31	0.31	30.0	1.94	1.94	54.2	4.0	4.0	11.0	84.2	84														