



# GOLD BAR WASTEWATER TREATMENT PLANT PLANT PERFORMANCE REPORT November 2014

Dewatered Sludge Total Monthly Volume (ML) 83.54

DATE	Peak Flow (ML/D)	Volume of Flow (ML)								Liquid Stream Quality																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		Influent				Effluent				pH (at 20°C)		TSS (mg/L)			BOD (mg/L)					TP (mg/L)					SRB (mg/L)					TSS (mg/L)					Sulfide (mg/L)					Sulfate (mg/L)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		RAW	BYPASS		Total	RAW	BYPASS		Total	RAW	OUTFAL 10	OUTFAL 15	OUTFAL 10	RAW	OUTFAL 10	OUTFAL 15	OUTFAL 10	RAW	OUTFAL 10	OUTFAL 15	OUTFAL 10	RAW	OUTFAL 10	OUTFAL 15	OUTFAL 10	RAW	OUTFAL 10	OUTFAL 15	OUTFAL 10	RAW	OUTFAL 10	OUTFAL 15	OUTFAL 10	RAW	OUTFAL 10	OUTFAL 15	OUTFAL 10	RAW	OUTFAL 10	OUTFAL 15	OUTFAL 10	RAW	OUTFAL 10	OUTFAL 15	OUTFAL 10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			OUTFAL 10	OUTFAL 20			OUTFAL 10	OUTFAL 20																																						OUTFAL 10	OUTFAL 20	OUTFAL 10	OUTFAL 20	OUTFAL 10	OUTFAL 20	OUTFAL 10	OUTFAL 20	OUTFAL 10	OUTFAL 20	OUTFAL 10	OUTFAL 20	OUTFAL 10	OUTFAL 20	OUTFAL 10	OUTFAL 20	OUTFAL 10	OUTFAL 20	OUTFAL 10	OUTFAL 20	OUTFAL 10	OUTFAL 20	OUTFAL 10	OUTFAL 20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Nov 01	385.77	292.00	0.00	0.00	0.00	0.00	0.00	32.31	7.4	358	158	5.4	313	3	8.56	0.39	35.5	4.33	0.042	50.2	5.35	64	5.5	64	82	120	2.5	3.4	1.0	0.35	3.0	2.5	0.4	0.11	0.151	0.02	0.015	0.022	0.027	0.037	0.044	0.057	0.067	0.072	0.077	0.081	0.085	0.089	0.093	0.097	0.101	0.105	0.109	0.113	0.117	0.121	0.125	0.129	0.133	0.137	0.141	0.145	0.149	0.153	0.157	0.161	0.165	0.169	0.173	0.177	0.181	0.185	0.189	0.193	0.197	0.201	0.205	0.209	0.213	0.217	0.221	0.225	0.229	0.233	0.237	0.241	0.245	0.249	0.253	0.257	0.261	0.265	0.269	0.273	0.277	0.281	0.285	0.289	0.293	0.297	0.301	0.305	0.309	0.313	0.317	0.321	0.325	0.329	0.333	0.337	0.341	0.345	0.349	0.353	0.357	0.361	0.365	0.369	0.373	0.377	0.381	0.385	0.389	0.393	0.397	0.401	0.405	0.409	0.413	0.417	0.421	0.425	0.429	0.433	0.437	0.441	0.445	0.449	0.453	0.457	0.461	0.465	0.469	0.473	0.477	0.481	0.485	0.489	0.493	0.497	0.501	0.505	0.509	0.513	0.517	0.521	0.525	0.529	0.533	0.537	0.541	0.545	0.549	0.553	0.557	0.561	0.565	0.569	0.573	0.577	0.581	0.585	0.589	0.593	0.597	0.601	0.605	0.609	0.613	0.617	0.621	0.625	0.629	0.633	0.637	0.641	0.645	0.649	0.653	0.657	0.661	0.665	0.669	0.673	0.677	0.681	0.685	0.689	0.693	0.697	0.701	0.705	0.709	0.713	0.717	0.721	0.725	0.729	0.733	0.737	0.741	0.745	0.749	0.753	0.757	0.761	0.765	0.769	0.773	0.777	0.781	0.785	0.789	0.793	0.797	0.801	0.805	0.809	0.813	0.817	0.821	0.825	0.829	0.833	0.837	0.841	0.845	0.849	0.853	0.857	0.861	0.865	0.869	0.873	0.877	0.881	0.885	0.889	0.893	0.897	0.901	0.905	0.909	0.913	0.917	0.921	0.925	0.929	0.933	0.937	0.941	0.945	0.949	0.953	0.957	0.961	0.965	0.969	0.973	0.977	0.981	0.985	0.989	0.993	0.997	1.001	1.005	1.009	1.013	1.017	1.021	1.025	1.029	1.033	1.037	1.041	1.045	1.049	1.053	1.057	1.061	1.065	1.069	1.073	1.077	1.081	1.085	1.089	1.093	1.097	1.101	1.105	1.109	1.113	1.117	1.121	1.125	1.129	1.133	1.137	1.141	1.145	1.149	1.153	1.157	1.161	1.165	1.169	1.173	1.177	1.181	1.185	1.189	1.193	1.197	1.201	1.205	1.209	1.213	1.217	1.221	1.225	1.229	1.233	1.237	1.241	1.245	1.249	1.253	1.257	1.261	1.265	1.269	1.273	1.277	1.281	1.285	1.289	1.293	1.297	1.301	1.305	1.309	1.313	1.317	1.321	1.325	1.329	1.333	1.337	1.341	1.345	1.349	1.353	1.357	1.361	1.365	1.369	1.373	1.377	1.381	1.385	1.389	1.393	1.397	1.401	1.405	1.409	1.413	1.417	1.421	1.425	1.429	1.433	1.437	1.441	1.445	1.449	1.453	1.457	1.461	1.465	1.469	1.473	1.477	1.481	1.485	1.489	1.493	1.497	1.501	1.505	1.509	1.513	1.517	1.521	1.525	1.529	1.533	1.537	1.541	1.545	1.549	1.553	1.557	1.561	1.565	1.569	1.573	1.577	1.581	1.585	1.589	1.593	1.597	1.601	1.605	1.609	1.613	1.617	1.621	1.625	1.629	1.633	1.637	1.641	1.645	1.649	1.653	1.657	1.661	1.665	1.669	1.673	1.677	1.681	1.685	1.689	1.693	1.697	1.701	1.705	1.709	1.713	1.717	1.721	1.725	1.729	1.733	1.737	1.741	1.745	1.749	1.753	1.757	1.761	1.765	1.769	1.773	1.777	1.781	1.785	1.789	1.793	1.797	1.801	1.805	1.809	1.813	1.817	1.821	1.825	1.829	1.833	1.837	1.841	1.845	1.849	1.853	1.857	1.861	1.865	1.869	1.873	1.877	1.881	1.885	1.889	1.893	1.897	1.901	1.905	1.909	1.913	1.917	1.921	1.925	1.929	1.933	1.937	1.941	1.945	1.949	1.953	1.957	1.961	1.965	1.969	1.973	1.977	1.981	1.985	1.989	1.993	1.997	2.001	2.005	2.009	2.013	2.017	2.021	2.025	2.029	2.033	2.037	2.041	2.045	2.049	2.053	2.057	2.061	2.065	2.069	2.073	2.077	2.081	2.085	2.089	2.093	2.097	2.101	2.105	2.109	2.113	2.117	2.121	2.125	2.129	2.133	2.137	2.141	2.145	2.149	2.153	2.157	2.161	2.165	2.169	2.173	2.177	2.181	2.185	2.189	2.193	2.197	2.201	2.205	2.209	2.213	2.217	2.221	2.225	2.229	2.233	2.237	2.241	2.245	2.249	2.253	2.257	2.261	2.265	2.269	2.273	2.277	2.281	2.285	2.289	2.293	2.297	2.301	2.305	2.309	2.313	2.317	2.321	2.325	2.329	2.333	2.337	2.341	2.345	2.349	2.353	2.357	2.361	2.365	2.369	2.373	2.377	2.381	2.385	2.389	2.393	2.397	2.401	2.405	2.409	2.413	2.417	2.421	2.425	2.429	2.433	2.437	2.441	2.445	2.449	2.453	2.457	2.461	2.465	2.469	2.473	2.477	2.481	2.485	2.489	2.493	2.497	2.501	2.505	2.509	2.513	2.517	2.521	2.525	2.529	2.533	2.537	2.541	2.545	2.549	2.553	2.557	2.561	2.565	2.569	2.573	2.577	2.581	2.585	2.589	2.593	2.597	2.601	2.605	2.609	2.613	2.617	2.621	2.625	2.629	2.633	2.637	2.641	2.645	2.649	2.653	2.657	2.661	2.665	2.669	2.673	2.677	2.681	2.685	2.689	2.693	2.697	2.701	2.705	2.709	2.713	2.717	2.721	2.725	2.729	2.733	2.737	2.741	2.745	2.749	2.753	2.757	2.761	2.765	2.769	2.773	2.777	2.781	2.785	2.789	2.793	2.797	2.801	2.805	2.809	2.813	2.817	2.821	2.825	2.829	2.833	2.837	2.841	2.845	2.849	2.853	2.857	2.861	2.865	2.869	2.873	2.877	2.881	2.885	2.889	2.893	2.897	2.901	2.905	2.909	2.913	2.917	2.921	2.925	2.929	2.933	2.937	2.941	2.945	2.949	2.953	2.957	2.961	2.965	2.969	2.973	2.977	2.981	2.985	2.989	2.993	2.997	3.001	3.005	3.009	3.013	3.017	3.021	3.025	3.029	3.033	3.037	3.041	3.045	3.049	3.053	3.057	3.061	3.065	3.069	3.073	3.077	3.081	3.085	3.089	3.093	3.097	3.101	3.105	3.109	3.113	3.117	3.121	3.125	3.129	3.133	3.137	3.141	3.145	3.149	3.153	3.157	3.161	3.165	3.169	3.173	3.177	3.181	3.185	3.189	3.193	3.197	3.201	3.205	3.209	3.213	3.217	3.221	3.225	3.229	3.233	3.237	3.241	3.245	3.249	3.253	3.257	3.261	3.265	3.269	3.273	3.277	3.281	3.285	3.289	3.293	3.297	3.301	3.305	3.309	3.313	3.317	3.321	3.325	3.329	3.333	3.337	3.341	3.345	3.349	3.353	3.357	3.361	3.365	3.369	3.373	3.377	3.381	3.385	3.389	3.393	3.397	3.401	3.405	3.409	3.413	3.417	3.421	3.425	3.429	3.433	3.437	3.441	3.445	3.449	3.453	3.457	3.461	3.465	3.469	3.473	3.477	3.481	3.485	3.489	3.493	3.497	3.501	3.505	3.509	3.513	3.517	3.521	3.525	3.529	3.533	3.537	3.541	3.545	3.549	3.553	3.557	3.561	3.565	3.569	3.573	3.577	3.581	3.585	3.589	3.593	3.597	3.601	3.605	3.609	3.613	3.617	3.621	3.625	3.629	3.633	3.637	3.641	3.645	3.649	3.653	3.657	3.661	3.665	3.669	3.673	3.677	3.681	3.685	3.689	3.693	3.697	3.701	3.705	3.709	3.713	3.717	3.721	3.725	3.729	3.733	3.737	3.741	3.745	3.749	3.753	3.757	3.761	3.765	3.769	3.773	3.777	3.781	3.785	3.789	3.793	3.797	3.801	3.805	3.809	3.813	3.817	3.821	3.825	3.829	3.833	3.837	3.841	3.845	3.849	3.853	3.857	3.861	3.865	3.869	3.873	3.877	3.881	3.885	3.889	3.893	3.897	3.901	3.905	3.909	3.913	3.917	3.921	3.925	3.929	3.933	3.937	3.941	3.945	3.949	3.953	3.957	3.961	3.965	3.969	3.973	3.977	3.981	3.985	3.989	3.993	3.997	4.001	4.005	4.009	4.013	4.017	4.021	4.025	4.029	4.033	4.037	4.041	4.045	4.049	4.053	4.057	4.061	4.065	4.069	4.073	4.077	4.081	4.085	4.089	4.093	4.097	4.101	4.105	4.109	4.113	4.117	4.121	4.125	4.129	4.133	4.137	4.141	4.145	4.149	4.153	4.157	4.161	4.165	4.169	4.173	4.177	4.181	4.185	4.189	4.193	4.197	4.201	4.205	4.209	4.213	4.217	4.221	4.225	4.229	4.233	4.237	4.241	4.245	4.249	4.253	4.257	4.261	4.265	4.269	4.273	4.277	4.281	4.285	4.289	4.293	4.297	4.301	4.305	4.309	4.313	4.317	4.321	4.325	4.329	4.333	4.337	4.341	4.345