

**210 MLD SEWAGE TREATMENT PLANT, BINGAWAN, KANPUR
MONTHLY FLOW & LAB REPORT**

December-22

Date	INLET FLOW in MLD	Plant Run in HRS	RAW SEWAGE						AFTER UASB REACTOR					FINAL OUTLET					Sludge Concentration %	FECAL COLIFORM (<1000) mpn	POWER SHUTDOWN		REMARK		
			Temp	TDS	PH (7-8)	COD (520mg/l)	BOD (320mg/l)	TSS (600mg/l)	Temp	TDS	PH	COD	BOD	TSS	Temp	TDS	PH (7-8)	COD (<100 mg/l)			BOD (<30mg/l)	TSS (<50mg/l)		HRS	MINS
			°c	ppm	ppm	ppm	ppm	ppm	°c	ppm	ppm	ppm	ppm	ppm	°c	ppm	ppm	ppm			ppm	ppm			
1-Dec-22	138.68	24.0	28	1040	7.1	488	145	410	28	1020	6.9	216	63	180	28	1000	7.3	176	45	80	34.06	65590			
2-Dec-22	129.67	24.0	28	1030	7.1	500	150	417	28	1030	6.9	220	66	183	28	1020	7.3	184	48	62	39.45	152625			
3-Dec-22	132.10	24.0	27	1060	7.1	520	160	430	27	1040	6.9	240	69	190	27	1020	7.3	192	51	50	34.29	111000			
4-Dec-22	132.96	24.0	27	1030	7.2	512	155	423	27	1040	6.9	224	66	177	26	1000	7.3	176	49	48	35.78	111000			
5-Dec-22	130.35	24.0	27	1060	7.2	544	165	436	27	1040	7.0	232	72	187	26	1020	7.4	184	50	52	35.21	83250			
6-Dec-22	118.73	24.0	26	1050	7.2	560	170	450	26	1020	7.0	240	72	200	26	1010	7.4	176	50	46	34.78	77700			
7-Dec-22	122.37	24.0	26	1030	7.1	528	160	405	26	1020	6.9	208	63	147	26	1000	7.4	144	44	56	34.90	65590			
8-Dec-22	126.88	24.0	27	1000	7.1	496	150	383	27	1010	6.9	192	60	160	26	980	7.3	136	42	50	34.39	55500			
9-Dec-22	132.27	24.0	26	1020	7.1	512	165	400	26	1000	6.9	200	63	177	25	990	7.3	128	40	48	34.88	46961			
10-Dec-22	132.62	24.0	26	1030	7.1	536	175	423	26	1020	6.9	216	69	190	25	1010	7.3	160	44	46	34.66	152625			
11-Dec-22	138.51	24.0	25	1010	7.2	520	160	397	25	1000	7.0	208	63	173	25	980	7.3	152	45	42	35.65	65590			
12-Dec-22	98.78	24.0	25	970	7.2	504	155	406	25	980	7.0	200	63	180	25	950	7.4	136	42	40	35.15	55500			Flow was stoped due to attend leakage between FAL 1 & 2
13-Dec-22	129.14	24.0	25	1000	7.1	632	180	388	25	990	6.9	240	72	172	24	980	7.4	184	53	55	37.95	46961			
14-Dec-22	133.48	24.0	25	960	7.1	592	170	413	25	940	6.9	248	72	220	24	930	7.4	200	55	64	34.75	36075			
15-Dec-22	123.41	24.0	26	980	7.1	600	175	440	26	970	6.9	232	69	230	24	950	7.4	192	54	70	35.78	65590	5	15	Power failure from Kesco Side
16-Dec-22	131.05	24.0	26	1000	7.1	624	185	450	26	1020	6.9	256	75	223	25	980	7.3	216	60	72	35.92	83250			
17-Dec-22	132.96	24.0	25	970	7.2	584	170	437	25	950	6.9	240	72	210	25	940	7.3	200	57	64	35.74	77700			
18-Dec-22	134.70	24.0	25	990	7.2	560	165	420	25	960	7.0	216	66	200	25	960	7.3	184	56	56	35.57	111000			
19-Dec-22	123.07	24.0	24	1000	7.2	528	150	400	24	1010	6.9	208	60	193	24	980	7.4	176	51	50	32.73	152625			
20-Dec-22	101.19	24.0	24	970	7.1	528	150	467	24	960	6.9	256	72	220	24	950	7.3	224	58	90	33.15	152625	10	25	Power failure from Kesco Side
21-Dec-22	125.32	24.0	24	960	7.1	408	135	450	24	950	6.9	288	90	210	23	940	7.3	208	55	96	32.55	111000			
22-Dec-22	130.53	24.0	24	950	7.1	512	155	453	24	930	6.9	264	81	216	24	920	7.3	200	55	88	32.16	222000			
23-Dec-22	122.20	24.0	24	980	7.2	544	170	460	24	960	6.9	248	75	220	23	940	7.4	192	52	100	31.36	83250			
24-Dec-22	139.90	24.0	24	1010	7.2	528	160	443	24	990	7.0	232	69	210	23	960	7.4	192	53	90	32.22	152625			
25-Dec-22	115.60	24.0	23	1000	7.2	536	160	450	23	980	7.0	256	75	213	23	960	7.4	216	57	84	32.38	111000			
26-Dec-22	117.86	24.0	24	1020	7.2	504	145	423	24	1000	6.9	224	66	200	23	970	7.4	184	54	78	32.33	111000			
27-Dec-22	135.39	24.0	24	1010	7.1	560	175	447	24	990	6.9	240	75	217	23	970	7.3	200	56	80	32.56	222000			
28-Dec-22	128.97	24.0	23	1000	7.1	528	155	440	23	980	6.9	264	78	220	23	960	7.3	192	55	86	32.76	152625			
29-Dec-22	124.98	24.0	21	950	7.1	536	160	453	21	930	6.9	232	69	227	20	930	7.3	176	52	92	32.33	83250			
30-Dec-22	132.44	24.0	20	953	7.1	530	160	433	20	941	6.9	220	66	216	19	925	7.3	170	50	88	33.90	77700			
31-Dec-22	141.29	24.0	20	958	7.1	540	165	447	20	940	6.9	230	69	223	19	932	7.3	184	53	82	32.57	111000			
TOTAL																							15	40	
AVG	127.66	24.00	24.81	999.71	7.14	535.29	161.13	428.84	24.81	987.45	6.92	231.94	69.68	199.48	24.23	969.58	7.34	181.74	51.16	67.90	34.26	1,03,426.03			