

30 MLD SEWAGE TREATMENT PLANT, PANKHA, KANPUR

MONTHLY FLOW & LAB REPORT

SEPTEMBER'24

DATE	INLET FLOW	PLANT RUN	RAW SEWAGE						FINAL OUTLET						FECAL COLIFORM < 500	SLUDGE ANALYSIS		POWER SHUTDOWN	REMARK
			TEMP	TDS	pH (7-8)	COD < 450	BOD < 225	TSS < 600	TEMP	TDS	pH (7-8)	COD < 100	BOD < 30	TSS < 50		CONC. (=20%)	FECAL COLIFORM (<2000000)		
			°C	PPM		PPM	PPM	PPM	°C	PPM		PPM	PPM	PPM	MPN/100mL	%	(MPN/gTS)	HRS	
01 Sep 2024	32.00	24	30.4	1650	7.76	208.0	90.0	248.0	30.2	1610	7.71	52.0	14.0	35.0	148			Hrs : 48 Mins	
02 Sep 2024	29.99	24	30.6	1620	7.81	212.0	96.0	230.0	30.4	1580	7.75	56.0	12.0	41.0	130			0.00	
03 Sep 2024	26.36	24	30.8	1640	7.85	204.0	87.0	218.0	30.7	1590	7.82	60.0	15.0	39.0	253			0.00	
04 Sep 2024	24.47	24	30.9	1610	7.88	225.0	99.0	226.0	30.6	1560	7.85	63.0	13.0	43.0	240			7 Hrs : 45 Mins	
05 Sep 2024	32.12	24	30.5	1560	7.79	206.0	90.0	242.0	30.3	1520	7.75	51.0	16.0	36.0	426			0.00	
06 Sep 2024	32.08	24	30.4	1500	7.73	192.0	81.0	220.0	30.2	1460	7.69	48.0	13.0	32.0	212			0.00	
07 Sep 2024	34.55	24	30.7	1440	7.70	200.0	87.0	214.0	30.5	1410	7.65	56.0	15.0	30.0	177			0.00	
08 Sep 2024	31.85	24	30.5	1390	7.73	212.0	93.0	228.0	30.2	1360	7.70	60.0	17.0	36.0	278			1 Hrs : 51 Mins	
09 Sep 2024	34.11	24	30.3	1340	7.68	210.0	90.0	210.0	30.1	1350	7.63	52.0	18.0	33.0	253			0.00	
10 Sep 2024	34.87	24	30.6	1280	7.74	198.0	81.0	224.0	30.4	1270	7.69	44.0	14.0	39.0	148			0.00	
11 Sep 2024	31.82	24	30.1	1210	7.79	222.0	96.0	240.0	29.9	1190	7.74	48.0	16.0	41.0	426			1 Hrs : 37 Mins	
12 Sep 2024	28.53	24	30.0	1160	7.81	225.0	99.0	254.0	29.7	1110	7.78	55.0	17.0	37.0	221			Hrs : 47 Mins	
13 Sep 2024	31.91	24	29.8	1130	7.76	218.0	90.0	238.0	29.4	1100	7.73	67.0	15.0	32.0	120			Hrs : 12 Mins	
14 Sep 2024	34.52	24	29.9	1100	7.79	220.0	87.0	224.0	29.7	1080	7.75	56.0	14.0	35.0	177			0.00	
15 Sep 2024	27.21	24	29.8	1140	7.82	228.0	96.0	242.0	29.6	1110	7.79	64.0	18.0	40.0	345			4 Hrs : 16 Mins	
16 Sep 2024	33.68	24	30.1	1190	7.76	216.0	90.0	230.0	29.9	1160	7.73	68.0	16.0	34.0	212			0.00	
17 Sep 2024	31.03	24	30.3	1240	7.80	204.0	84.0	248.0	30.0	1200	7.76	60.0	15.0	32.0	253			Hrs : 9 Mins	
18 Sep 2024	30.20	24	30.0	1300	7.84	192.0	78.0	254.0	29.8	1280	7.81	52.0	13.0	38.0	130			3 Hrs : 25 Mins	
19 Sep 2024	32.58	24	29.7	1260	7.79	206.0	87.0	264.0	29.5	1270	7.75	48.0	19.0	35.0	221			0.00	
20 Sep 2024	30.42	24	29.9	1290	7.74	214.0	90.0	238.0	29.8	1300	7.71	52.0	17.0	40.0	148			Hrs : 7 Mins	
21 Sep 2024	28.91	24	30.1	1230	7.68	212.0	84.0	230.0	30.1	1220	7.67	56.0	15.0	42.0	212			1 Hrs : 30 Mins	
22 Sep 2024	28.31	24	30.3	1180	7.73	196.0	93.0	242.0	30.3	1190	7.70	64.0	12.0	39.0	253			0.00	
23 Sep 2024	5.30	4	30.5	1130	7.80	192.0	81.0	230.0	30.4	1120	7.76	52.0	13.0	35.0	240			0.00	
24 Sep 2024	0.00	-	-	-	-	-	0.00	-	-	-	-	-	-	-	-			0.00	Plant shutdown due to labour strike
25 Sep 2024	0.00	-	-	-	-	-	0.00	-	-	-	-	-	-	-	-			0.00	Plant shutdown due to labour strike
26 Sep 2024	0.00	-	-	-	-	-	0.00	-	-	-	-	-	-	-	-			0.00	Plant shutdown due to labour strike
27 Sep 2024	6.41	3	29.7	1100	7.80	204.0	90.0	252.0	29.8	1130	7.73	56.0	15.0	34.0	221			0.00	
28 Sep 2024	32.07	24	29.5	1080	7.71	210.0	96.0	258.0	29.5	1100	7.69	60.0	16.0	32.0	240			0.00	
29 Sep 2024	30.99	24	29.8	1130	7.79	194.0	87.0	268.0	29.8	1150	7.76	48.0	14.0	38.0	345			Hrs : 29 Mins	
30 Sep 2024	34.94	24	29.9	1190	7.83	198.0	81.0	250.0	29.8	1230	7.80	69.0	12.0	43.0	148			0.00	
TOTAL	791.23																		
AVG	26.37	#DIV/0!	30.19	1,299.63	7.77	208.07	80.10	237.85	30.02	1,283.33	7.74	56.19	14.96	36.70	228.78			22.93 Hrs	