

**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)
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		
<b>TOTAL</b>	<b>791.23</b>																			
<b>AVG</b>	<b>26.37</b>	<b>#DIV/0!</b>	<b>30.19</b>	<b>1,299.63</b>	<b>7.77</b>	<b>208.07</b>	<b>80.10</b>	<b>237.85</b>	<b>30.02</b>	<b>1,283.33</b>	<b>7.74</b>	<b>56.19</b>	<b>14.96</b>	<b>36.70</b>	<b>228.78</b>			<b>22.93 Hrs</b>		