

30 MLD STP, PANKHA KANPUR																			
MONTHLY LAB ANALYSIS REPORT																			
																Jul-24			
Date	INLET FLOW in MLD	Plant Run in Hrs	Raw Sewage						Final Outlet							POWER SHUTDOWN			REMARK
			Temp	TDS	pH (7-8)	BOD (250mg/l)	COD (600mg/l)	TSS (600mg/l)	Temp	TDS	pH (6.5-8.5)	BOD ( $<30$ mg/l)	COD ( $<100$ mg/l)	TSS ( $<100$ mg/l)	F. COLIFORM ( $<1000$ MPN)	HRS	Hour	Min	
			Deg	ppm	ppm	ppm	ppm	ppm	Deg	ppm	ppm	ppm	ppm	ppm	MPN/100ml				
1-Jul-24	29.67	24	30.5	1570	7.82	93.0	220.0	238.0	30.3	1490	7.75	19.0	63.0	52.0	212				
2-Jul-24	22.41	24	30.3	1520	7.77	90.0	212.0	230.0	30.0	1450	7.69	21.0	60.0	49.0	172		1 Hr		
3-Jul-24	21.60	24	30.1	1610	7.74	84.0	206.0	248.0	29.8	1530	7.64	18.0	58.0	53.0	221				
4-Jul-24	30.16	24	29.9	1650	7.70	81.0	201.0	254.0	29.6	1570	7.61	16.0	61.0	49.0	426		1 Hr	23 mins	
5-Jul-24	18.46	24	29.7	1680	7.50	90.0	212.0	242.0	29.4	1610	7.68	15.0	65.0	52.0	253				
6-Jul-24	14.90	24	29.5	1640	7.79	87.0	207.0	250.0	29.2	1570	7.71	18.0	69.0	50.0	177				
7-Jul-24	23.87	24	29.3	1600	7.83	93.0	213.0	238.0	29.0	1530	7.74	20.0	63.0	45.0	221		1 Hr	28 mins	
8-Jul-24	33.04	24	29.4	1560	7.85	84.0	202.0	224.0	29.1	1500	7.76	17.0	61.0	49.0	348				
9-Jul-24	34.69	24	29.3	1490	7.80	81.0	196.0	240.0	28.9	1390	7.71	16.0	59.0	43.0	253				Dye Coloured water received in influent
10-Jul-24	34.46	24	29.6	1520	7.76	87.0	204.0	230.0	29.2	1440	7.67	19.0	62.0	41.0	240				
11-Jul-24	15.59	24	29.8	1480	7.82	93.0	209.0	218.0	29.5	1400	7.70	21.0	67.0	49.0	212		1.5 Hr	19 mins	
12-Jul-24	31.45	24	30.0	1430	7.85	90.0	216.0	212.0	29.8	1360	7.78	20.0	64.0	54.0	253				
13-Jul-24	30.74	24	30.2	1400	7.79	96.0	224.0	208.0	30.0	1320	7.71	23.0	72.0	50.0	177		3 Hr	24 mins	
14-Jul-24	35.35	24	30.5	1480	7.77	87.0	208.0	224.0	30.2	1390	7.69	18.0	60.0	47.0	130				
15-Jul-24	30.91	24	30.7	1530	7.73	93.0	220.0	238.0	30.4	1440	7.66	20.0	68.0	45.0	240			29 mins	
16-Jul-24	33.42	24	30.4	1570	7.80	99.0	202.0	230.0	30.1	1480	7.71	22.0	76.0	42.0	253				
17-Jul-24	33.51	24	30.8	1610	7.82	90.0	206.0	242.0	30.6	1550	7.75	17.0	72.0	40.0	221				
18-Jul-24	31.30	24	30.9	1640	7.87	96.0	214.0	232.0	30.8	1600	7.79	21.0	65.0	47.0	212				
19-Jul-24	32.66	24	30.7	1590	7.80	102.0	234.0	248.0	30.4	1520	7.74	18.0	56.0	42.0	348				Dye Coloured water received in influent
20-Jul-24	34.22	24	30.5	1620	7.76	93.0	210.0	254.0	30.2	1550	7.71	15.0	52.0	40.0	177				
21-Jul-24	32.82	24	30.4	1650	7.82	90.0	202.0	260.0	30.0	1590	7.74	17.0	65.0	48.0	426				
22-Jul-24	31.98	24	30.1	1690	7.84	81.0	196.0	248.0	29.8	1640	7.79	19.0	60.0	50.0	240				
23-Jul-24	32.20	24	30.3	1730	7.75	87.0	212.0	256.0	30.1	1690	7.68	16.0	68.0	53.0	253				
24-Jul-24	30.88	24	30.0	1670	7.70	84.0	200.0	224.0	29.9	1600	7.64	15.0	64.0	43.0	130			42 mins	
25-Jul-24	32.22	24	30.2	1590	7.73	78.0	188.0	212.0	30.0	1530	7.66	18.0	56.0	41.0	212			29 mins	
26-Jul-24	31.21	24	29.9	1630	7.69	81.0	196.0	228.0	29.7	1590	7.60	21.0	72.0	46.0	221				
27-Jul-24	34.12	24	30.3	1690	7.70		204.0	240.0	29.9	1630	7.64		68.0	44.0	348				
28-Jul-24	34.07	24	30.0	1640	7.73		216.0	220.0	29.8	1570	7.68		60.0	40.0	177				
29-Jul-24	34.37	24	29.8	1700	7.78		230.0	234.0	29.6	1650	7.71		64.0	37.0	240				
30-Jul-24	29.79	24	30.2	1670	7.83		210.0	240.0	30.0	1610	7.78		56.0	43.0					
31-Jul-24	30.16	24	30.0	1630	7.80		202.0	220.0	29.8	1580	7.74		52.0	39.0					
Total	926.23																		
Average	29.88				7.77	88.85	208.77	234.90			7.71	18.46	63.16	45.90	241.14		22Hr	14Mins	