






30 MLD SEWAGE TREATMENT PLANT, PANKHA,KANPUR MONTHLY FLOW & LAB REPORT																			MAY 2024
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)		
	MLD	HRS	°C	PPM		PPM	PPM	PPM	°C	PPM		PPM	PPM	PPM	MPN/100mL	%	(MPN/gTS)	HRS	
01 May 2024	4.80	2.55	31.1	1470	7.53	224.0	87.0	210.0	30.7	1400	7.42	63.0	19.0	48.0	345			22 Hrs : 10 Mins	
02 May 2024	24.21	21.3	30.8	1450	7.50	230.0	93.0	220.0	30.5	1360	7.40	60.0	23.0	45.0	221			3 Hrs : 3 Mins	Dye coloured water received 
03 May 2024	16.37	10.71	31.0	1500	7.54	239.0	99.0	232.0	30.8	1460	7.43	69.0	20.0	51.0	212			15 Hrs : 24 Mins	
04 May 2024	9.26	4.33	31.3	1530	7.58	232.0	102.0	224.0	31.0	1480	7.47	64.0	15.0	50.0	172			20 Hrs : 51 Mins	
05 May 2024	29.07	24	31.5	1570	7.61	244.0	108.0	240.0	31.1	1500	7.53	71.0	22.0	47.0	130			0 Hrs : 52 Mins	
06 May 2024	27.70	24	31.7	1500	7.57	252.0	111.0	248.0	31.3	1450	7.50	73.0	19.0	43.0	240			2 Hrs : 6 Mins	
07 May 2024	26.47	24	31.8	1460	7.58	240.0	102.0	234.0	31.4	1390	7.52	68.0	18.0	40.0	212			0.00	Dye colored water received 
08 May 2024	25.87	24	31.1	1510	7.61	229.0	96.0	220.0	30.8	1490	7.54	63.0	15.0	49.0	175			0.00	Dye colored water received 
09 May 2024	25.53	24	30.8	1560	7.64	218.0	90.0	206.0	30.5	1530	7.50	58.0	17.0	42.0	348			0.00	
10 May 2024	28.57	24	30.5	1590	7.69	208.0	84.0	200.0	30.2	1550	7.57	59.0	20.0	45.0	240			0.00	
11 May 2024	27.27	24	30.3	1560	7.62	218.0	93.0	204.0	30.0	1530	7.50	57.0	22.0	42.0	426			0.00	
12 May 2024	28.71	24	30.1	1550	7.64	224.0	99.0	216.0	29.9	1480	7.47	60.0	19.0	48.0	130			0.00	
13 May 2024	25.45	24	30.5	1590	7.60	232.0	105.0	226.0	30.2	1460	7.45	61.0	20.0	40.0	175			0.00	
14 May 2024	24.90	24	30.1	1610	7.57	230.0	102.0	232.0	29.7	1500	7.42	65.0	23.0	43.0	221			0.00	Dye colored water received 
15 May 2024	28.66	24	30.4	1650	7.61	238.0	96.0	240.0	29.9	1550	7.46	59.0	18.0	49.0	172			0.00	
16 May 2024	21.34	24	30.5	1590	7.57	232.0	93.0	246.0	30.1	1510	7.49	62.0	16.0	52.0	130			5 Hrs : 46 Mins	
17 May 2024	27.91	24	30.7	1570	7.70	226.0	87.0	234.0	30.4	1500	7.54	57.0	14.0	46.0	212			Hrs : 13 Mins	
18 May 2024	30.01	24	30.8	1600	7.66	218.0	90.0	226.0	30.5	1530	7.57	60.0	20.0	50.0	345			0.00	
19 May 2024	27.44	24	30.9	1540	7.68	210.0	84.0	220.0	30.7	1480	7.55	55.0	17.0	42.0	240			1 Hrs : 41 Mins	
20 May 2024	29.45	24	30.6	1510	7.64	198.0	78.0	202.0	30.4	1450	7.54	52.0	19.0	39.0	253			1 Hrs : 11 Mins	
21 May 2024	28.41	24	30.5	1530	7.60	206.0	87.0	210.0	30.2	1490	7.50	59.0	21.0	41.0	240			2 Hrs : 49 Mins	
22 May 2024	28.82	24	30.4	1490	7.58	220.0	93.0	218.0	30.1	1430	7.47	62.0	20.0	38.0	426			Hrs : 5 Mins	
23 May 2024	29.36	24	30.7	1450	7.63	248.0	99.0	240.0	30.4	1400	7.52	67.0	22.0	50.0	172			0.00	
24 May 2024	28.32	24	30.5	1530	7.66	256.0	105.0	246.0	30.2	1460	7.60	70.0	21.0	45.0	221			0.00	
25 May 2024	22.00	24	30.8	1580	7.68	250.0	102.0	258.0	30.4	1520	7.62	68.0	23.0	49.0	130			Hrs : 57 Mins	Dye colored water received 
26 May 2024	9.00	5	30.9	1490	7.62	232.0	96.0	242.0	30.7	1450	7.57	62.0	19.0	42.0	175			0.00	
27 May 2024	14.90	8	30.7	1560	7.58	226.0	90.0	254.0	30.4	1510	7.54	67.0	17.0	53.0	212			0.00	
28 May 2024	8.12	5	31.0	1580	7.61	220.0	87.0	250.0	30.7	1540	7.57	61.0	15.0	47.0	240			0.00	
29 May 2024	19.16	16	30.8	1600	7.69	236.0	93.0	254.0	30.5	1560	7.61	64.0	19.0	50.0	221			0.00	
30 May 2024	28.95	24	31.1	1560	7.72	254.0	102.0	262.0	30.8	1500	7.64	71.0	22.0	54.0	426				
31 May 2024	30.54	24	31.3	1530	7.67	248.0	99.0	258.0	31.0	1480	7.60	67.0	20.0	48.0	172				
TOTAL	736.57																		
AVG	23.76	#DIV/0!	30.81	1,542.26	7.62	230.26	95.23	231.35	30.50	1,481.94	7.52	63.03	19.19	46.06	233.35			77.13 Hrs	