





30 MLD SEWAGE TREATMENT PLANT, PANKHA,KANPUR MONTHLY FLOW & LAB REPORT																			JANUARY 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 Jan 2024	27.13	24.00	21.9	1690	7.61	153.0	51.0	138.0	21.7	1610	7.59	57.0	8.0	38.0	148			0.00		
02 Jan 2024	27.68	24.00	20.8	1730	7.58	149.0	48.0	144.0	20.6	1630	7.55	61.0	10.0	42.0	109			0.00		
03 Jan 2024	35.38	24.00	20.7	1710	7.57	157.0	54.0	152.0	20.4	1640	7.53	54.0	7.0	40.0	172			1 Hrs : 9 Mins		
04 Jan 2024	31.41	24.00	21.1	1760	7.60	160.0	57.0	158.0	20.7	1710	7.57	64.0	9.0	42.0	120			0.00		
05 Jan 2024	29.90	24.00	20.3	1660	7.57	153.0	51.0	146.0	20.3	1540	7.52	51.0	10.0	42.0	141			0.00		
06 Jan 2024	30.27	24.00	20.5	1690	7.61	145.0	57.0	148.0	20.2	1630	7.57	57.0	12.0	48.0	120			0.00		
07 Jan 2024	25.31	24.00	20.3	1730	7.57	141.0	60.0	144.0	20.0	1650	7.53	51.0	14.0	44.0	148			0.00		
08 Jan 2024	28.91	24.00	20.1	1790	7.54	149.0	63.0	152.0	20.0	1710	7.50	66.0	16.0	37.0	141			0.00		
09 Jan 2024	20.04	24.00	20.7	1780	7.53	157.0	66.0	148.0	20.5	1690	7.49	59.0	17.0	39.0	120			0.00		
10 Jan 2024	24.44	24.00	20.5	1810	7.57	153.0	72.0	142.0	20.2	1730	7.53	57.0	19.0	41.0	172			0.00		
11 Jan 2024	23.78	24.00	19.8	1840	7.59	164.0	72.0	154.0	19.5	1800	7.57	61.0	21.0	45.0	155			3 Hrs : 38 Mins		
12 Jan 2024	23.53	24.00	19.6	1860	7.63	172.0	69.0	162.0	19.2	1790	7.61	64.0	22.0	48.0	195			0.00		
13 Jan 2024	20.68	24.00	19.5	1890	7.61	184.0	75.0	168.0	19.1	1830	7.59	57.0	20.0	53.0	135			0.00		
14 Jan 2024	21.66	24.00	19.6	1850	7.62	198.0	72.0	176.0	18.7	1800	7.60	64.0	21.0	57.0	177			0.00		
15 Jan 2024	18.94	24.00	18.8	1890	7.60	208.0	84.0	192.0	18.5	1810	7.57	72.0	23.0	52.0	120			0.00		
16 Jan 2024	22.75	24.00	18.5	1910	7.64	224.0	90.0	208.0	18.1	1830	7.61	68.0	24.0	58.0	195			0.00		
17 Jan 2024	18.90	24.00	18.1	1860	7.61	238.0	87.0	216.0	17.7	1780	7.58	64.0	21.0	50.0	141			5 Hrs : 25 Mins		
18 Jan 2024	27.07	24.00	17.5	1910	7.59	250.0	81.0	230.0	17.2	1850	7.54	56.0	19.0	53.0	148			0.00		
19 Jan 2024	26.67	24.00	17.1	1950	7.64	272.0	78.0	244.0	16.8	1890	7.61	72.0	18.0	50.0	172			0.00		
20 Jan 2024	26.39	24.00	16.8	1990	7.59	250.0	75.0	224.0	16.5	1950	7.57	68.0	20.0	48.0	221			0.00		
21 Jan 2024	25.09	24.00	16.5	1930	7.57	224.0	72.0	208.0	16.3	1860	7.54	64.0	19.0	45.0	278			0.00		
22 Jan 2024	29.07	24.00	16.8	1980	7.54	230.0	84.0	216.0	16.5	1890	7.51	68.0	21.0	42.0	177			0.00		
23 Jan 2024	21.43	24.00	16.3	2040	7.59	242.0	93.0	204.0	16.1	1950	7.57	72.0	25.0	38.0	120			0.00		
24 Jan 2024	16.83	24.00	16.7	2080	7.57	263.0	90.0	208.0	16.4	2010	7.54	62.0	22.0	36.0	221			6 Hrs : 41 Mins		
25 Jan 2024	24.63	24.00	16.9	2130	7.54	257.0	81.0	202.0	16.5	2040	7.50	56.0	20.0	39.0	177			0.00	Red coloured water coming 	
26 Jan 2024	24.45	24.00	17.1	2170	7.53	245.0	93.0	192.0	16.8	2080	7.49	68.0	23.0	41.0	141			0.00		
27 Jan 2024	27.10	24.00	17.4	2230	7.55	249.0	90.0	184.0	17.2	2110	7.52	64.0	21.0	38.0	109			0.00	Green colour water coming 	
28 Jan 2024	29.07	24.00	17.6	2280	7.57	253.0	96.0	198.0	17.4	2170	7.53	60.0	24.0	40.0	278			0.00		
29 Jan 2024	29.06	24.00	17.9	2350	7.59	238.0	93.0	180.0	17.7	2280	7.54	57.0	23.0	42.0	221			0.00	Blue colour water coming 	
30 Jan 2024	27.65	24.00	18.3	2420	7.61	216.0	87.0	164.0	18.1	2330	7.57	64.0	20.0	40.0	195					
31 Jan 2024	29.37	24.00	18.5	2480	7.57	204.0	81.0	158.0	18.3	2390	7.53	58.0	19.0	37.0	135				Red colour water coming 	
TOTAL	794.59																			
AVG	25.63	24.00	18.78	1,948.06	7.58	203.16	74.90	179.35	18.49	1,870.32	7.55	61.81	18.32	44.03	164.58			18.53 Hrs		

Note :Their is ingress of Industrial Waste water [coloured] at STP from Sanigawan area, which was experienced