

ANALYSIS REPORT FOR TREATED INDUSTRIAL WASTE WATER (October 20 TO March 21)

Sr. No	Parameters	Unit	GPCB PERMISSIBLE LIMIT	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21
1	pH		5 to 9	7.39	7.28	7.1	6.9	6.74	7.35
2	Temp 'C	'C	45	26	26	27	27	27	27
3	TSS	mg/L	600	70	65	80	70	90	50
4	Oil & Grease	mg/L	20	BDL	BDL	BDL	BDL	BDL	BDL
5	Flourides	mg/L	2	BDL	BDL	0.8	0.5	BDL	BDL
6	Sulphides	mg/L	2	BDL	BDL	1.4	1.8	1.5	BDL
7	Colour	pt/Co.	-	30	30	30	30	30	30
8	Ammonical Nitrogen	mg/L	50	BDL	BDL	BDL	BDL	BDL	BDL
9	Free Ammonia	mg/L	5	BDL	BDL	BDL	BDL	BDL	BDL
10	Copper	mg/L	2	BDL	BDL	BDL	BDL	BDL	BDL
11	Zinc	mg/L	5	BDL	BDL	BDL	BDL	BDL	BDL
12	BOD (05-Days)	mg/L	500	212	35	180	105	115	70
13	COD	mg/L	2000	868	123	621	388	475	264
14	Arsenic (as As)	mg/L	0.2	BDL	BDL	BDL	BDL	BDL	BDL
15	Mercury (as Hg)	mg/L	0.001	BDL	BDL	BDL	BDL	BDL	BDL
16	Lead (as Pb)	mg/L	0.2	BDL	BDL	BDL	BDL	BDL	BDL
17	Cadmium (as Cd)	mg/L	2	BDL	BDL	BDL	BDL	BDL	BDL
18	Hexavalent Chromium	mg/L	1	BDL	BDL	BDL	BDL	BDL	BDL
19	Total Chromium (as Cr)	mg/L	2	BDL	BDL	BDL	BDL	BDL	BDL
20	Nickel	mg/L	5	BDL	BDL	BDL	BDL	BDL	BDL
21	Cyanide as CN	mg/L	0.2	BDL	BDL	BDL	BDL	BDL	BDL
22	Phenolic Compound	mg/L	5	BDL	0.2	0.3	0.9	1.2	BDL

Note: Treated industrial wastewater has been discharged at CETP for further treatment and ultimate disposal at Mahi estuary

BDL : Below detection limit

Monitoring by Siddhi Green Excellence Pvt Ltd.(NABL Approved lab)

Monitoring Frequency : Once in a Month

ANALYSIS REPORT FOR TREATED DOMESTIC WASTE WATER (OCTOBER 20 TO MARCH 21)

Month	Parameters		
	BOD in mg/l	SS in mg/l	Residual Chlorine as Cl ₂ in mg/l
GPCB PERMISSIBLE LIMIT	Less than 20.0	Less than 30.0	Minimum 0.50
Oct-20	15	29	0.7
Nov-20	17	25	0.6
Dec-20	18	28	0.8
Jan-21	15	24	0.7
Feb-21	18	20	0.9
Mar-21	15	23	0.6

Note: Treated domestic wastewater is recycled and reused for gardening purpose inside plant premises.

BDL : Below detection limit

Monitoring by Siddhi Green Excellence Pvt Ltd.(NABL Approved lab)

Monitoring Frequency : Once in a Month