


**Format for uploading the CETP monitoring data on SPCBs website**

Sl. No.	Name and Address of the CETP	Capacity (MLD)	Design Inlet quality	Final effluent quality standards or ZLD condition	Date of monitoring	Waste water treated in CETP (MLD)	Wastewater bypassed untreated in the area. If any (MLD)	Observed Inlet quality	Observed Final effluent quality	Status of online CEQMS	Status of hazardous waste storage/disposal
1	2	3	4	5	6	7	8	9	10	11	12
1	CET Plant Malur Private Limited Plot No. 64 & 65, KIADB Industrial Area, Malur, Kolar District.	Easily Biodegradable effluent – 0.06 High TDS effluent – 0.08	Easily Biodegradable effluent – 0.06 MLD High TDS effluent – 0.08 MLD	Final effluent quality standards	27.12.2016	0.035 to 0.040 Daily average	NIL	---	Annexure enclosed	Installed	ETP Sludge 8.7 Tons disposed on 03.10.2016, & Stored about 11.89 Tons & Used Oil of about 350 Ltrs stored in drums as on 27.12.2016.

  
**ENVIRONMENTAL OFFICER,  
REGIONAL OFFICE, KOLAR.**



**KARNATAKA STATE POLLUTION CONTROL BOARD  
CENTRAL ENVIRONMENTAL LABORATORY**

**AN ISO/IEC 17025:2005 (NABL) ACCREDITED LABORATORY  
AN ISO 9001:2008 CERTIFIED LABORATORY**

ಕರ್ನಾಟಕ ಸರ್ಕಾರ, ಬೆಂಗಳೂರು  
ಕೆ.ಸಿ.ಪಿ.ಸಿ.ಬಿ. ರಸ್ತೆ, ತಿಮ್ಮಾiah ರೋಡ್,  
ಶಿವನಗರ,  
ಬೆಂಗಳೂರು-560079  
K.S.P.C.B., "Nisarga Bhavan"  
7<sup>th</sup> D Cross, Thimmaiah Road,  
Shivanagar,  
Bangalore - 560079

**ANALYSIS REPORT**

**Date: 13-01-2017**

NAME OF THE INDUSTRY :	M/s. CET Plant Malur Private Limited, Malur Industrial Area, Malur Taluk, Kolar District.	Page 1 of 1
SAMPLE COLLECTED BY :	Kolar	DATE OF COMMENCEMENT OF TEST:24-12-2016
DATE OF COLLECTION :	22-12-2016	DATE OF COMPLETION OF TEST: 06-01-2017
DATE OF RECEIPT :	24-12-2016	SAMPLE REPORT NO: R-II-2309
PARTICULARS :	Sample collected from ETP	SAMPLE NO : R-II-2309

SI No.	Parameters	Unit	Standard	Result	Range of testing/Limit of Detection	Test Method
1.	pH @ 25°C	pH Unit	6.0-9.0	8	1 to 14	IS:3025 (Part 11):1983
2.	Total Suspended solids	mg/L	100	6	1 to 500 mg/L	IS:3025 (Part 17)-1984
3.	Ammoniacal Nitrogen as N*	mg/L	50	0.12	-	IS:3025 (Part 34):1988
4.	Total Dissolved Solids	mg/L	2100	434	10 to 5000 mg/L	IS:3025 (Part 14)-2013
5.	Chloride as Cl	mg/L	600	65	1 to 5000 mg/L	IS:3025 (Part 32)-1988
6.	Sulphate as SO <sub>4</sub>	mg/L	1000	22	1 to 1000 mg/L	IS:3025 (Part 24):1986
7.	Hexavalent chromium as Cr <sup>+6</sup>	mg/L	0.1	BDL	0.05 to 100 mg/L	APHA 22 <sup>nd</sup> edition 3500-Cr B : 2012
8.	Oil & grease	mg/L	10	BDL	1 to 100 mg/L	APHA 22 <sup>nd</sup> edition. 2012;5520B;
9.	Cyanide*as CN	mg/L	0.2	BDL	-	IS:3025 (Part 27)1986
10.	Copper *	mg/L	3.0	0.03	0.5 to 100 mg/L	IS:3025 (Part 42):1992
11.	Lead	mg/L	0.1	BDL	0.2 to 100 mg/L	IS:3025 (Part 47):1994
12.	Zinc	mg/L	5.0	0.14	0.1 to 100 mg/L	IS:3025 (Part 49):1994
13.	Nickel	mg/L	3.0	BDL	0.1 to 100 mg/L	IS:3025 (Part 54):2003
14.	Total Chromium *	mg/L	2.0	0.1	0.2 to 100 mg/L	IS:3025 (Part 52):2003
15.	Cadmium	mg/L	2.0	BDL	0.1 to 100 mg/L	IS 3025 (Part 41):1992

<b>INFERENCE</b>	<b>Conforms to prescribed standards as per consent order.</b>
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- Note: 1. The above results pertain only to the sample tested.  
2. The report shall not be reproduced without the written approval of the laboratory.  
3. \*- Tests are not under the scope of NABL Accreditation.  
4. BDL: Below Detection Level.  
5. Samples will be stored for a period of 15 days from the date of issue of report.


*(Signature)*  
Authorized Signatory (Chemical)  
**H.M.Shivakumar**  
Scientific Officer

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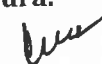
Sl. No.	Name and Address the CETP	Capacity (MLD)	Design Inlet quality	Final Effluent quality standards or ZLD condition	Date of monitoring	Wastewater treated in CETP (MLD)	Waste water bypassed untreated in the area, if any (MLD)	Observed Inlet quality	Observed Final Effluent quality	Status online CEQMS	Status of hazardous waste storage/ disposal
1	2	3	4	5	6	7	8	9	10	11	12
1	M/s. Govind Solvents (P) Ltd, Plot No. 19 (P) 22, KIA DB Industrial Area, Ancheplaya, Kūnigal	50 KLD of biodegradable effluent , 25 KLD of High TDS	50 KLD of biodegradable effluent , 25 KLD of High TDS	pH-5.5 to 9.0 BOD- 100 COD-600 DS-2100, TSS-200,	23.11.2016, 21.12.2016, 06.01.2017	50 KLD of biodegradable effluent , 25 KLD of High TDS	No bypasses or untreated effluent discharged out of industry premises is noticed during the inspection.	Not monitored	23.11.2016- AR pH-7.9, BOD-5, COD- not utilized DS-1702, TSS-28, AR enclosed as Annexure -01. 21.12.2016 and 06.01.2017 Analysis Report awaited.	continuous Online monitoring equipment installed but not connected to CPCB and SPCB servers.	Stored in closed room.

**Format for uploading the CETP monitoring data on SPCBs website: Region office Doddaballapura**

Sl. No	Name and Address the CETP	Capacity (MLD)	Design Inlet quality	Final effluent quality standards or ZLD condition	Date of monitoring	Wastewater treated in CETP (MLD)	Wastewater bypassed untreated in the area, if any (MLD)	Observed Inlet quality	Observed Final effluent quality	Status of online CEQMS	Status of hazardous waste Storage/disposal
1	2	3	4	5	6	7	8	9	10	11	12
1	M/s. Eco Green Solutions Systems Pvt. Ltd.,	0.1 MLD	Furnished the details in annexure - I		14.7.2016	0.07MLD	Nil	Not done	Furnished the details in annexure - I	Installed online monitoring system	Provided closed shed for storage of Hazardous waste. generated from the CETP. They are disposing same to TSDF,
2	KIADB, Apparel Park	5 MLD	Furnished the details in annexure - II		23.3.2016	1 MLD (M/s Scotts Garments effluent)	Nil	Furnished the details in annexure - II		Not Installed online monitoring system	Provided closed the shed for the storage of ETP sludge and deposing to TSDF.

  
**Environmental officer**  
**Regional Office, Doddaballapura.**







**Annexure -I**

Name of Industry:  
Address:

**M/s. Eco Green Solutions Systems Pvt. Ltd.,**  
No.48/A-4, KIADB Indl. Area,  
Doddaballapura, Bangalore Rural Dist.

Sl. No	Parameter	Unit	Design Inlet quality	Final effluent quality standards	Observed Final effluent quality date of monitoring 14.07.2016
1	pH	pH Unit	5.5	5.5-9.0	7.3
2	Total Dissolved Solids	mg/L	-	2100	694
3	Total Suspended Solids	mg/L	-	200	4.0
4	Chloride	mg/L	-	600	194
5	Biochemical Oxygen Demand (3 days @ 27 OC)	mg/L	-	100	3.0
6	Sulphate	mg/L	-	1000	79.0
7	Oil & grease	mg/L	20	10	
8	Percent Sodium*	%	-	60	34.99
9	Cyanide*	mg/L	2.0	0.2	BDL
10	Boron	mg/L	2.0	0.2	0.31
11	Oil & Grease	Mg/L	20	10	Nil

**Annexure -II**

Name of Industry:  
Address:

**CETP Owned by KIADB**  
Apparel Park, Doddaballapura,  
Bangalore Rural Dist.

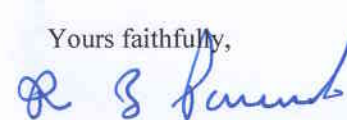
Sl. No	Parameter	Unit	Design Inlet quality	Final effluent quality standards	Observed inlet quality	Observed final effluent Quality (RO Permeate) Date of monitoring 23.03.216
1	pH	pH Unit	7.0	5.5 to 9.0	6.4	6.8
2	Total Suspended Solids	mg/L	16.0	200	78.0	4.0
3	Total Dissolved Solids	mg/L	1668.0	2100	1790	700
4	Chemical Oxygen Demand	mg/L	224.0	250	544.0	19.0
5	Biochemical Oxygen Demand (3 days @ 27 OC)	mg/L	62.0	30	310.0	3.0
6	Nitrate	mg/L	21.3	100	58.5	4.47
7	Sulphate	mg/L	368	1000	368.0	124.8
8	Lead	mg/L	BDL	0.1	0.05	-
9	Copper	mg/L	BDL	3	0.02	-
10	Zinc	mg/L	0.1	5	0.2	-
11	Nickel	mg/L	0.04	3	0.04	-
12	Total Chromium	mg/L	0.05	10	0.05	-

**Environmental Officer**  
**Karnataka State Pollution Control Board**  
Doddaballapura

S l. N o	Name and Address of the CETP	Capa city (ML D)	Design Inlet quality (mg/l)	Final effluent quality standards in mg/L or ZLD conditions	Date of monitoring	Waste water treated in CETP (MLD)	Waste water bypassed untreated in the area, if any (MLD)	Observed inlet quality	Observed final effluent quality	Status of online CEQMS	Status of hazardousw aste storage/dis posal
1	2	3	4	5	6	7	8	9	10	11	12
1	M/s Fishmeal and Oil Manufacturers Association (Regd.) Port No. PIWT-1/L&D- 1/2008 Sea Road, Kotepura, Ullala, Mangaluru	0.6	pH- 5.5-9 SS -400 Oil & grease - 30 COD - 25000 BOD - 15000	pH- 5.5 -9 SS- 100 BOD - 30 COD- 250 Oil & Grease - 10 Sulphides- 2 Lead- 0.1  (Treated effluent is finally discharged into sea)	09.12.2016 21.11.2016 24.10.2016	0.6	Nil	-	Analysis reports enclosed	Not provided	NA

Note: Personal hearing held on 31.12.2016 at Board office and assured to provide CEQMS within 2 months time.

Yours faithfully,



ENVIRONMENTAL OFFICER  
KSPCB, MANGALURU

**Format for uploading the CETP monitoring data RO- SARJAPURA**

Sl. No.	Name and Address of the CETP	Capacity (KLD)	Design Inlet quality	Final effluent quality standards or ZLD conditions		Date of monitoring	Waste water treated in CETP	Waste water by passes untreated in the area, if any (MLD)	Observed inlet quality	Observed final effluent quality	Status of online CEQMS	status of hazardous waste storage/disposal
				Characteristics	Tolerance limits							
1	2	3	4	5		6	7	8	9	10	11	12
1	M/S. VIWA ECO CLUB (CETP), Opp. Shed No B-5 & 6, Veerasandra Industrial Estate, Hosur Road, Anekal Taluk, Bengaluru - 560 100.	20 KLD	16 KLD	pH	6.0-9.0	15.12.2017 (Monthly)	16 to 18 KLD	--	Observed	Clear	Online monitoring system provided	1). HW (ETP Sludge) Stored in designated storage area 2). Disposed to land fill M/s. Mother Earth Enviro Tech Pvt Ltd, Located Kanakapura Road, Harohally. 3). Accumulated Qty as on 23.01.2017 is about 1.5 MT.
				Temperature	Shall not exceed 5 C above the ambient temperature of the receiving body							
				Oil & Grease, mg/lit	10							
				Suspended Solids, mg/lit	100							
				Ammonical Nitrogen, (as Cl), mg/lit	50							
				Total Residual chloride (as Cl), mg/lit	1							
				Cadmium (as Cd), mg/lit	2							
				Nickel (as Ni), mg/lit	3							
				Zinc (as Zn), mg/lit	5							
				Hexavalent Chromium, mg/lit	0.1							
				Total Chromium as (Cr), mg/lit	2							
				Copper (as Cu), mg/lit	3							
				Lead (as Pb), mg/lit	0.1							
Iron (as Fe) mg/lit	3											
Total Metal, mg/lit	10											

(Column 1-5 : Basic Information on CETP; Column 6-12 : Inspection -specific information on observed performance during the inspection)

**Note:** Intel & Final effluent quality to be reported in terms of pH, BOD, COD, TSS, TDS and relevant special parameter

**Environmental Officer,  
Regional Office - Sarjapura.**

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1	2	3	4	5	6	7	8	9	10	11	12
1	M/s Pai & Pai Chemicals (I) Pvt Ltd., Plot No.29 A, KIADB Indl Area, Kumbalgodu, Bangalore-74	0.3	-	pH-6.6-7.6 BOD-Not mentioned COD-Not mentioned TSS-71-76 mg/l TDS-1612-1750 mg/l	28.09.2016	0.1	Not bypassed	Only heavy metals parameters have been analysed.	pH- 7.7 BOD-Not analysed COD-Not analysed TSS- 10.0 mg/l TDS-514 mg/l	CEQMS was in operation at the time of inspection but not connected to server	Generated quantity- Used Oil-0.5 KL/A, ETP Sludge-480 MT/A. Accumulated-Used oil-98.5 ltrs CETP Sludge-47,951 kgs , Disposed-Used oil- Nill Sludge-89,660 kgs
2	M/s Pai & Pai Chemicals (I) Pvt Ltd.,No.25D, #25/D, 1st Phase, Kumbalgodu Industrial Area, Bangalore-560074	0.04	pH- BOD- 500-50,000 mg/ltr COD- 1500-1,50,000 mg/ltr TSS- TDS-	pH-6.6-7.73 BOD-34-66 mg/l COD- Not mentioned TSS- 70-83 mg/l TDS-1600-1732 mg/l	28.09.2016	0.04	Not bypassed	Raw effluent sample collected from one of the industry while discharging to Equilization tank, pH-4.9, BOD-18600 mg/l, COD-31776 mg/l, TSS-2560mg/ltr, TDS-11720 mg/l	pH- 7.5 BOD-14 mg/l COD-Not analysed TSS-6.0 TDS-1128 mg/l	CEQMS was in operation at the time of inspection but not connected to server	Generation-Used oil-0.1 KL/A, Oil & Grease skimming residue-0.3 MT/A. Accumulated-Used oil-11 ltrs Skimmed residue-2.5 ltrs Disposed, Used Oil- 5.5 ltrs Skimmed residue-1.5 ltrs



Name and address of the CETP	Capacity (MLD)	Design Inlet quality (mg/l)	Final effluent quality standards of ZLD condition Date of monitoring	Waste water treated in CETP (MLD)	Wastewater bypassed untreated in the area, if any (MLD)	Observed Inlet quality	Observed Final effluent quality						Status of online CEQMS	Status of hazardous waste storage/disposal
							Parameters	Standard and unit mg/l	06.04.2016	30.06.2016	18.07.2016	24.10.2016		
Lidkar Tannery Enviro Control Systems Ltd., Tannery Road, K.G.Halli, Bangalore-560045	1	Designed for treating tannery effluent pH-8, BOD-1600 COD-3400 SS-2250 DS-16,250	Final effluent quality to meet BWSSB sewer discharge standards	0.2	Not by passed	Sample will be collected	pH@25°C	5.5-9.0	8.0	6.8	7.1	7.5	Installed. At present not working as short circuit which has burnt the PCB of display unit.	MOU made with TSDF of Ramky. 10 tonnes stored as on 24.10.2016.
							Total Dissolved Solids	2100	1384	2266	1888.0	1438		
							Total Suspended Solids	600	8.0**	54.0	50.0	10.0		
							BOD (3 days@27°C)	350	22	218	105.0	16.0		
							Copper	3.0	BDL**	0.2	BDL	BDL		
							Zinc	1.5	0.2**	0.6	0.2	BDL		
							Nickel	3.0	BDL**	BDL	BDL	BDL		
							Total Chromium	2.0	BDL**	0.08	BDL	BDL		
							Iron	3.0	0.2**	5.6	3.7	0.3		
							Cadmium	1.0	BDL**	BDL	BDL	BDL		
							Lead	1.0	BDL**	BDL	BDL	BDL		
							Sulphate	1000	148	339	409.0	153		
							Fluoride	1.5	0.290**	0.29	0.21	0.37		
							Hexavalent chromium	2.0	BDL**	BDL	BDL	BDL		
							Cyanide*	0.2	BDL	BDL	BDL	BDL		
							Oil & grease	20	Nil	Nil	Nil	Nil		
							Phenolic compound	5.0	BDL**	BDL	BDL	BDL		
Ammonical Nitrogen*	50	24.5	5.3	6.7	4.9									
			Conforms	Non conforms	Non conforms	Conforms								