

MAHARASHTRA POLLUTION CONTROL BOARD

Performa For Inspection Report: (To Be Submitted By Regional Officer, MPCB)

A) Details of CBMWTSDF

1	Name and Address	M/s – Watergrace Products, Surve No.122, Gevraitanda, Patodashiva, Paithan Road, Aurangabad
	Contact Person:	Mr. Chetan P.Bora
	Telephone No:	_____
	Mobile No.	9890172072
	Fax No.	0253-2501816
	Email:	watergrace@rediffmail.com
	Web Site	-----
2	Date of Visit	30.09.2013
3	Month of Commissioning	1.11.2003
4	Authorization No. And Validity	31.10.2013
5	Consent No. And Validity	Applied & is under process
6	Jurisdiction: (Details)	Aurangabad

B) Segregation and Storage

1	No. of Bags Collected Per Month	15000
i	Yellow	7500
ii	Red	3500
iii	Blue	4000
iv	Black	---
2	Total nos. of HCEs Cater Service	1086
a	Bedded Hospitals:	573
b	Non Bedded Hospitals	511
i	Dispensaries	216
ii	Blood Bank	05
iii	Path Lab	84
iv	Institutes	01
v	Veterinary	04

3 Annual Reports Submitted in Form – II

(Enclosed Last Three Years Copies Duly Certified By Facility Operator)

C) Water Consumption and Waste Water Generation

1	Quantity and Source of Water (m3/day)	7.0 Bore well/Tanker	
i	Domestic	2.0	
ii	Process/ Scrubber	3.5	
iii	Cooling	--	
iv	Boiler	--	
v	Laundry	--	
vi	Any other (Washing, Lab, Housekeeping)	1.5	
2	Source of Water Supply – Details With Quantity (CMD)	Bore	
3	Waste Water Generation	5.6	
a	Septic tank & soak pit	1.6	
b	ETP	4.0	
4	Effluent Treatment Plant Units And Capacity Along With Flow	ETP Capacity – 3 m3	

	Diagram:	-Attached -
5	Location of Discharge Of Treated Effluent/ Sewage	Within premises for plantation
D)	Emission Details	
i	Details of Incinerator & Make Model And Year Of Establishment:	Aireep Detox Establish – Nov. 2003
ii	Capacity (Kg/hr):	300 kg/hr
iii	Type of Fuel Used & Quantity (KLD):	LDO – 150 Kg/Day
iv	Air Pollution Control Facility (Unit and Capacity):	Scrubber, Chimney of height – 30 meters.
v	Temperature of Primary Chamber (oc):	Primary Chamber 850+/-50 0c, Sec. Chamber Temp 1050 +/- 50 0c
vi	Temperature of Secondary Chamber OC:	1050' 0c
vii	Automatic Feeding System: (Yes/ No)	Not Provided
viii	Stack Details: (Height and Diameter)	Height 30 mtr, Top Diameter 1300 mm
ix	Emergency Vent: (Yes/No)	No
x	Sampling Port Details: (Yes/No)	Yes
xi	Online Temperature Monitoring / Recording	No
xii	Whether Incinerator Is As Per CPCB Guidelines:	---
	DG Set Capacity: KVA	Not Provided

iii	Stack Heightss	No
iv	Acoustic Enclosure Provided:	No
E	Detail of Shredder	
i	Make And Model	Kirti Engg./Sterilised Waste Shredder
ii	Capacity (Kg/hr)	200 Kg/Hr.
F	Detail of Autoclave	
i	Make And Model	Horizontal, Medifirm
ii	Pre-Vaccum Horizontal Feeding:	Yes
iii	Capacity Kg/hr or Lits/hr	400 Ltr./hr
iv	Records of Spore Test Result Maintained – (Yes/No)	No
v	Thermal/ Routine Test Conducted For Each Batch(Yes/ No)	Yes (Trip test)
G	Storage Room of BMW	
H	Incineration Ash & ETP Sludge Send to CHWTSDF	
i	CHWTSDF Membership Details	M.E.P.L.Ranjangaon
ii	HW Rules Form – V Maintained Annual Returns	No
I	Recordkeeping	
	Maintenance of Log Sheet	Partly Maintained
J	Disposal of Disinfected Plastic Recycle Waste	
i	Name of Authorized Plastic Recycler	World Plastic Care, Nashik
ii	Quantity Disposed (Kg)	600 kg/m (Record not available)
K	Nos. of Vehicles Provided For Transportation of BMW	
i	Enclosed List With Photographs Of Vehicles	Instructed to submit the same to facility holder.

ii	Make, Model and Capacity	Minidoor, Ape (Piaggio make)
L	Fire Fighting System	No
M	First Aid Arrangement	Provided
N	Whether Training Provided Top Staff / Waste Handlers	Yes
O	Latest Monitoring Report	
i	Stack	Yes
	Date	13.08.2013
	Report	Dust Conc. 240 mg/Nm ³ So ₂ – BDL Total Particulates – 173 mg/m ³
ii	Effluent	Yes
	Date	29.06.2013
	Report	pH – 1.0 BOD – 1900 mg/lit COD – 4080 mg/lit Oil & Grease – 10 mg/lit SS – 328 mg/lit Chlorides – 23492.7 mg/lit Sulphate – 1232.8 mg/lit TDS – 29340 mg/lit
P	Overall Observation	
i	The operation of CBMWTSDf needs improvement.	
ii	Need improvement in O & M of ETP & APCS. At Scrubbing system many leakages observed.	
iii	No separate storage room provided for BMW.	
iv	H.W. is stored in unscientific manner & not disposed off in time.	
v	Greenbelt shall be increased.	
vi	Capacity of ETP is inadequate.	
vii	At visit time the incinerator feeding door found open, whereby flue gases found escaping at floor level.	
viii	Gases leakages observed in ducting portioned after ID.	
	Q. Recommendations	
i	B.G. shall be obtained towards O & M of pollution control system as per legal matrix.	
Place	Aurangabad	Name : P. M. Joshi
Date	30.09.2013	Designation : Regional Officer, Aurangabad