

Matrix Fine Sciences Pvt Ltd.

D-8, MIDC- Paithan (M.S.)

Environmental Audit Report for the financial year ending the 31<sup>st</sup> March  
...2019...

PART - A

1. Name of the Company: Matrix Fine Sciences Pvt Ltd.
2. Name of Owner Occupier: Mr. Kunal Ashok Sikchi.
3. Address of the Occupier: 12, Shilp Nagar, Station Road.  
Aurangabad- 431005
4. Registered Office Address: 12, Shilp Nagar, Station Road.  
Aurangabad- 431005
5. Factory Address: D-8 MIDC - Paithan.
6. Production Capacity:

Name of the Product	Quantity As per actual	Unit As per consent.
Phytosterols	222.780	450 Tons/year
Fame/ Bio- diesel.	2804.790	7600 Tons/year
Tocopherol & its derivates	132.980	600 Tons/year
Oil -- Residue	550.510	600 Tons/year
Tocotriols.	--	550 Tons/year

7. Year of Establishment : 2014
8. Date of last Environmental Statement Submitted : Sept, 2018

## PART – B

### Water and Raw Material Consumption

(1) Water consumption ( Cu. M per day )

a) Process.	
b) Boiler.	12.50 8.00
c) Domestic	
d) Cooling	60.00 8.00
e) Gardening	
Total:	----- 88.50

(2) Water Consumption per unit of the product.

Name of the Product Of product manufactured (cum/Mt)	Process of Water Consumption per unit.	
	During the Previous financial Year	During the Current financial Year.

The Process water is used simultaneously for all the products and hence product wise consumption cannot be ascertained.

(3) Raw Material Consumption

Nature of the Raw Material	Name of the product	Raw Material consumption per Unit of the Product Manufactured	
		During the Previous Financial Year	During the Current Financial Year
1. Soya Fatty Acid oil	fame	2017-18 0.81	2018-19 0.85
2. Methnol		0.130	0.120
3. Acetone	Phytosterol	0.04	0.03
4. Heptane		0.14	0.13

PART - C

Pollution Generated  
(Parameters as specified in the consent)

1. Water Pollution.

Sr. No.	Pollutants Parameter	Quantity of pollutants Generated (Kg/day)	Concentrations of pollutants in discharges (mg/Lit)	Percentage of variation from prescribed standards with reasons
1.	pH	--	8.21	With in Limits
2.	Suspended Solids	0.4	66.00	
3.	B.O.D	0.06	26.00	
4.	C.O.D	0.26	108.00	
5.	Oil & Grease	--	BDL	
6.	T.D.S	18.54	1250	
7.	Chlorides	2.3	229	
8.	Sulfates	1.9	205	
9.	Copper	--	--	

2. Air Pollution.

Sr. No.	Pollutants Parameter	Quantity of pollutants discharged (Kg/ day)	Concentrations of pollutants in discharges (mg/ Nm)	Percentage of variation from prescribed standards with reasons
1.	Suspended Particulate Matter	21.6	58.9	Within Limits.
2.	Sulfur Dioxide	7.82	13.7	Within Limits.
3.	Oxides of Nitrogen	5.52	16.2	Within Limits.

PART - I

ANY OTHER PARTICULARS IN RESPECT OF ENVIRONMENTAL  
PROTECTION AND ABATEMENT OF.

For Matrix Fine Sciences Pvt. Ltd.  
Mr. Ashok R. [Signature]

