



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000072192

### Submitted Date

26-09-2024

## PART A

### Company Information

#### Company Name

Manjra Sugar Industries PVT Ltd, Mangrul

#### Application UAN number

MPCB-CONSENT-0000139346

#### Address

Mangarul

#### Plot no

G.No.66,74,79,80,81,83,104,105,114,115 & 155

#### Taluka

Tuljapur

#### Village

Mangarul

#### Capital Investment (In lakhs)

14694.91

#### Scale

L.S.I

#### City

Osmanabad

#### Pincode

413601

#### Person Name

Satish V. Wakde

#### Designation

General Manager

#### Telephone Number

9763468732

#### Fax Number

0

#### Email

gangacanesugar@gmail.com

#### Region

SRO-Latur

#### Industry Category

Red

#### Industry Type

R12 Sugar ( excluding Khandsari)

#### Last Environmental statement submitted online

yes

#### Consent Number

MPCB-CONSENT-0000139346

#### Consent Issue Date

2022-11-11

#### Consent Valid Upto

2023-07-31

#### Establishment Year

2014

#### Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

Sugar

#### Consent Quantity

63000

#### Actual Quantity

44152.7

#### UOM

MT/A

Electricity

15

12

Mwh

### By-product Information

#### By Product Name

Bagasse

#### Consent Quantity

193200

#### Actual Quantity

121048

#### UOM

MT/A

Molasses

25200

20705

MT/A

Press Mud

22050

14811

MT/A

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	425.00	395.00
Domestic	430.00	400.00
All others	45.00	31.00
Total	0.00	0.00
	900.00	826.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TREAD EFFLUENT	350	299	CMD
DOMASTIC EFFLUENT	35	29	CMD

### 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Sugar (excluding Khandsari)	3	3	Ton/Ton
Power Generating plants (excluding D.G Sets)	1.02	1.02	Ton/Ton

### 3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Sugar Cane	10.49	9.27	Ton/Ton
Bagasse	2.54	2.74	Ton/Ton
Lime	0.0150	0.0147	Ton/Ton
Sulphur	0.00566	0.00508	Ton/Ton

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	189000	90376	MT/A

## Part-C

### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

#### [A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
PH	7.5	150	0	5.5 to 9.0	NA
Oil & Gress	2.54	8.5	0	10	NA
BOD	20.93	70	0	100	NA
Sulphate	209.3	700	0	1000	NA
Suspended Solid	23.92	80	0	100	NA
COD	44.85	150	0	600	NA

Total Dissolved Solid 538.2 1800 0 2100 NA

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
PM	150	104	0	150	NA

**Part-D**

**HAZARDOUS WASTES**

**1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	2.0	1.50	MT/A

**2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0.00	0.00	MT/A

**Part-E**

**SOLID WASTES**

**1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Biiler Ash	144	130	MT/M
ETP Sludge	8	7	MT/M

**2) From Pollution Control Facilities**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
NA	0	0	MT/M

**3) Quantity Recycled or Re-utilized within the unit**

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	2	1.5	MT/A

**Part-F**

**Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.**

**1) Hazardous Waste**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
5.1 Used or spent oil	1.5	MT/A	20%

**2) Solid Waste**

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
ETP SLUGE	7	MT/M	55%

**Part-G**

**Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.**

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
Sugar Cane Water Recycle	500	0.00	420	15	15	1.5

## Part-H

### Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

#### [A] Investment made during the period of Environmental Statement

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
ETP Plant	Defuser	2.00
TREE PLANTATION	13000	10

#### [B] Investment Proposed for next Year

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
TREE PLANTATION	5000	5

## Part-I

### Any other particulars for improving the quality of the environment.

#### Particulars

NA

#### Name & Designation

Satish V Wakde

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000072192

#### Submitted On:

26-09-2024