



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2020

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000026947

### Submitted Date

22-09-2020

### Company Information

#### Company Name

Utopian Sugars Ltd.

#### Application UAN number

MPCB-CONSENT-0000093202

#### Address

Pantnagar,Kacharewadi

#### Plot no

Gat No.381,384,386,387,389,96

#### Taluka

Mangalwedha

#### Village

Kacharewadi

#### Capital Investment (In lakhs)

19071

#### Scale

LS.I.

#### City

Mangalwedha

#### Pincode

413305

#### Person Name

Shri D.B. Desai

#### Designation

Chief Chemist

#### Telephone Number

9922004266

#### Fax Number

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#### Email

utopiansugars@gmail.com

#### Region

SRO-Solapur

#### Industry Category

Red

#### Industry Type

R12 Sugar ( excluding Khandsari)

#### Last Environmental statement submitted online

yes

#### Consent Number

Format 1.0/CAC/UAN No. MPCB-  
CONSENT-0000093202/CR-2009000285

#### Consent Issue Date

07-09-2020

#### Consent Valid Upto

31-07-2021

### Product Information

#### Product Name

Sugar

#### Consent Quantity

58176

#### Actual Quantity

39950

#### UOM

MT/A

### By-product Information

#### By Product Name

Bagasse

#### Consent Quantity

145440

#### Actual Quantity

108751.730

#### UOM

MT/A

Press Mud

18180

14717.970

MT/A

Molasses

19392

16605

MT/A

Electricity

355.2

337.68

Mwh

### 1) Water Consumption in m3/day

#### Water Consumption for Process

#### Consent Quantity in m3/day

400

#### Actual Quantity in m3/day

400

Cooling

450

450

Domestic

40

40

<b>All others</b>	0	0
<b>Total</b>	890	890

### 1) Effluent Generation in CMD / MLD

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade Effluent	400	400	CMD
Domestic Effluent	10	30	CMD

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

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Sugar	Nil	1.011	Ton/Ton

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

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Sugar Cane- (Product sugar)	9.85	10.09	Ton/Ton
Lime- (Product sugar)	0.0133	0.013	Ton/Ton
Sulphur- (Product sugar)	0.0376	0.0000043	Ton/Ton
Caustic soda- (Product sugar)	0.000423	0.000566	Ton/Ton
Steam (Product sugar)	4.36	4.70	Ton/Ton
Bagasse (Product Electricity)	2.467 Ton/Mwh	2.76 Ton/Mwh	Mwh

### 4) Fuel Consumption

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Bagasse	145440	87443.348	MT/A

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

#### [A] Water

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</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>		
BOD	15.6	39	0	100	Within Limit
COD	44.4	111	0	250	Within Limit
Sulphates	14	35	0	1000	Within Limit
Chlorides	28.8	72	0	600	Within Limit
TDS	149.6	374	0	2100	Within Limit
Suspended solids	22	55	0	100	Within Limit
pH	NA	7.52	0	5.5-8.5	Within Limit

#### [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>		
P.M.	1060	102	0	<150	Within Limit
SO2	322	31	0	<80	Within Limit

**HAZARDOUS WASTES**

**1) From Process**

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	Nil	Nil	MT/A

**2) From Pollution Control Facilities**

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0.115	0.340	MT/A

**SOLID WASTES**

**1) From Process**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Pressmud	13215	14717.97	MT/A

**2) From Pollution Control Facilities**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Fly Ash	2023	1280	MT/A
Bottom ash	506	256	MT/A
ETP Sludge	38	25	MT/A

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

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

**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**

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0.340	MT/A	NA

**2) Solid Waste**

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
ETP Sludge	25	MT/A	NA
Total Ash	1536	MT/A	NA
NA	NA	MT/A	NA

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

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Evaporator Condensate	1000	NA	NA	NA	NA	Nil

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

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

**Detail of measures for Environmental Protection****Environmental Protection Measures****Capital Investment (Lacks)**

Upgradation of ETP and CPU

zero water requirement

100

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**[B] Investment Proposed for next Year****Detail of measures for Environmental Protection****Environmental Protection Measures****Capital Investment (Lacks)**

Up-gradation of CPU

Recycling of water

25

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**Any other particulars in respect of environmental protection and abatement of pollution.****Particulars**

Tree plantation.

**Name & Designation**

Shri. D. B. Desai (Chief Chemist)