



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-0000026905

Submitted Date

22-09-2020

Company Information

Company Name

Utopian Sugars Ltd. (Distillery Unit)

Application UAN number

MPCB-CONSENT-0000094630

Address

Pantnagar, Kacharewadi

Plot no

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

Taluka

Mangalwedha

Village

Kacharewadi

Capital Investment (In lakhs)

5981

Scale

LS.I.

City

Mangalwedha

Pincode

413305

Person Name

Shri Onkar Kulkarni

Designation

Environment Officer

Telephone Number

9922004266

Fax Number

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Email

utopiansugars@gmail.com

Region

SRO-Solapur

Industry Category

Red

Industry Type

R60 Distillery (molasses / grain /yeast based)

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/CAC/UAN No. MPCB-CONSENT-0000094630/CR-2009000213

Consent Issue Date

04-09-2020

Consent Valid Upto

31-08-2021

Product Information

| Product Name | Consent Quantity | Actual Quantity | UOM |
|------------------|------------------|-----------------|------|
| Rectified Spirit | 8100 | 5961.323 | KL/A |
| Ethanol | 8100 | 1693.378 | KL/A |

By-product Information

| By Product Name | Consent Quantity | Actual Quantity | UOM |
|-----------------|------------------|-----------------|------|
| Fusel oil | 15.8 | NA | KL/A |

1) Water Consumption in m3/day

| Water Consumption for Process | Consent Quantity in m3/day | Actual Quantity in m3/day |
|-------------------------------|----------------------------|---------------------------|
| Cooling | 100 | 00 |
| Domestic | -- | 00 |
| All others | 5 | 00 |
| Total | 0 | 0 |
| | 105 | 00 |

1) Effluent Generation in CMD / MLD

| Particulars | Consent Quantity | Actual Quantity | UOM |
|-------------------|------------------|-----------------|-----|
| Trade Effluent | 120 | 120 | CMD |
| Domestic Effluent | 4 | 4 | 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 |
|-------------------------------|------------------------------------|-----------------------------------|---------|
| Rectified Spirit | Nil | Nil | 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 |
|-----------------------|------------------------------------|-----------------------------------|---------|
| Molassess | Nil | 4.757 | Ton/Ton |
| Urea | Nil | 0.0033 | Ton/Ton |
| Caustic soda | Nil | 0.000665 | Ton/Ton |
| D.A.P. | Nil | 0.00166 | Ton/Ton |
| Steam | Nil | 2.773 | Ton/Ton |

4) Fuel Consumption

| Fuel Name | Consent quantity | Actual Quantity | UOM |
|------------------------|------------------|-----------------|------|
| Bagasse+conc spentwash | NA | 11285 | MT/A |

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

[A] Water

| Pollutants Detail | Quantity of Pollutants discharged (kL/day) Quantity | Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration | Percentage of variation from prescribed standards with reasons %variation | Standard | Reason |
|-------------------|---|--|---|----------|--------|
| NA | NA | NA | 0 | NA | NA |

[B] Air (Stack)

| Pollutants Detail | Quantity of Pollutants discharged (kL/day) Quantity | Concentration of Pollutants discharged(Mg/NM3) Concentration | Percentage of variation from prescribed standards with reasons %variation | Standard | Reason |
|-------------------|---|--|---|----------|--------------|
| P.M. | 1185 | 114 | 0 | <150 | Within Limit |
| SO2 | 364 | 35 | 0 | <80 | Within Limit |
| NOx | 644 | 62 | 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 | Nil | Nil | MT/A |

SOLID WASTES

1) From Process

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|--------------------------|--------------------------------------|-------------------------------------|------|
| Yeast sludge | Nil | 1580 | MT/A |

2) From Pollution Control Facilities

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|--------------------------|--------------------------------------|-------------------------------------|------|
| Fly Ash | Nil | 1049 | MT/A |
| Bottom ash | Nil | 262 | 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 | Nil | MT/A | NA |

2) Solid Waste

| Type of Solid Waste Generated | Qty of Solid Waste | UOM | Concentration of Solid Waste |
|-------------------------------|--------------------|------|------------------------------|
| Yeast Sludge | 1580 | MT/A | NA |
| Total Ash | 1311 | 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) |
|---|-----------------------------------|----------------------------|
| Incineration boiler | Zero liquid discharge | 1500 |

[B] Investment Proposed for next Year

| Detail of measures for Environmental Protection | Environmental Protection Measures | Capital Investment (Lacks) |
|---|-----------------------------------|----------------------------|
| CPU | Recycling of water | 200 |

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

Particulars

Tree plantation.

Name & Designation

Shri Onkar Kulkarni (Environment Officer)