



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000038990

Submitted Date

30-09-2021

PART A

Company Information

Company Name

Swaraj India Agro Ltd.

Application UAN number

0000093461

Address

Gat No 332, At/-p- Upalave, Tal- Phaltan,
Dist-Satara

Plot no

332

Taluka

phaltan

Village

Upalave

Capital Investment (In lakhs)

13731

Scale

LSI

City

phaltan

Pincode

415523

Person Name

Vinay Thakur

Designation

Director

Telephone Number

0

Fax Number

0

Email

vinay@swarajindia.co.in

Region

SRO-Satara

Industry Category

Red

Industry Type

R12 Sugar (excluding Khandsari)

Last Environmental statement submitted online

yes

Consent Number

1.0/BO/CAC-CELL/UAN NO.
00000053141/R/CAC-1901002349

Consent Issue Date

03/03/2020

Consent Valid Upto

31/07/2020

Establishment Year

2018

Date of last environment statement submitted

Sep 30 2020 12:00:00:000AM

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

Product Information

Product Name

Sugar

Consent Quantity

138000

Actual Quantity

55315.86

UOM

MT/A

By-product Information

By Product Name

Bagasse

Consent Quantity

414000

Actual Quantity

179105.76

UOM

MT/A

Molasses

52440

28330.98

MT/A

Pressmud

55200

22498.56

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	490.00	327.00
Domestic	80.00	72.00
All others	0.00	0.00
Total	1700.00	1299.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	500	39	CMD
Domestic Effluent	50	45	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
NA	0	0	CMD

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	510952.986	652480	MT/A
Lime	856.19	341.40	MT/A
Sulphur	264.13	169.64	MT/A
Phosphoric acid	11.550	4.24	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasess	150075	150545	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 %variation	Standard	Reason
pH	7.6	7.52	0	5.5-9.0	NA
SS	18.6	14.80	0	100	NA
TDS	842.8	726	0	2100	NA
BOD	22.4	26.8	0	100	NA
COD	84.8	62.50	0	250	NA
Sulphate	34.2	36.4	0	1000	NA
Chlorides	70.8	22.0	0	600	NA

Oil & Grease	2.6	1.27	0	10	NA
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[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
DG Set 1000 KVA-PM	72	68	0	150	NA
DG Set 1000 KVA-SO2	132	129	0	96	NA
Boiler (140 TPH)- PM	76.8	72.1	0	150	NA
Boiler (140 TPH)- SO2	28.2	26.1	0	4704	NA

Part-D

HAZARDOUS WASTES

1) From Process

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

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	9.8	7.9	MT/A

Part-E

SOLID WASTES

1) From Process

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

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	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

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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
35.3 Chemical sludge from waste water treatment	9.8	MT/A	CHWTDF

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	MT/A	NA

Part-G

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)
CPU	1200	0	0	0	55.00	0
ACC	250	0	0	0	1162.9931	0

Part-H

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)
Tree Plantation	In Company area plantation work attended. 3500 nos. of tree planted.	4.5

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Tree plantation	4000 nos. of plant is proposed to plant in next year.	5.0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

1 Treated water used for crop irrigation/plantation thus saving the natural resources.2) Factory has done excessive plantation in and around the factory premises.Beside this different of plant had been planted & successfully grown.

Name & Designation

Vinay Thakur

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000038990

Submitted On:

30-09-2021