



# 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-0000066000

### Submitted Date

14-06-2024

## PART A

### Company Information

#### Company Name

M/s. Bharat Infrastructure and Engineering Pvt. Ltd.

#### Application UAN number

-

#### Address

"Eco Vistas" Survey No. 67/2A, 67/3A, 67/3B, Village-Shil, Tal & Dist- Thane.

#### Plot no

Survey No. 67/2A, 67/3A, 67/3B

#### Taluka

Thane

#### Village

Shil

#### Capital Investment (In lakhs)

32031

#### Scale

L.S.I

#### City

Thane

#### Pincode

400612

#### Person Name

Mr. Atul Barot

#### Designation

Director

#### Telephone Number

9324142312

#### Fax Number

0

#### Email

liaison@bharatrealty.in

#### Region

SRO-Thane I

#### Industry Category

Red

#### Industry Type

O21 Building and construction project more than 20,000 sq. m built up area

#### Last Environmental statement submitted online

no

#### Consent Number

Format1.0/CC/UAN  
No.0000174321/CO/2312000212 dtd. 02.12.2023  
& Format1.0/CC/UAN  
No.0000172038/CE/2308001697 dtd. 24.08.2023

#### Consent Issue Date

2023-12-02

#### Consent Valid Upto

2025-09-30

#### Establishment Year

2012

#### 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

Not Applicable- Residential & Commercial Project

#### Consent Quantity

0.00

#### Actual Quantity

0.00

#### UOM

MT/A

### By-product Information

#### By Product Name

Not Applicable- Residential & Commercial Project

#### Consent Quantity

0.00

#### Actual Quantity

0.00

#### UOM

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	0.00	0.00
Domestic	444.00	82.54
All others	0.00	0.00
<b>Total</b>	<b>444.00</b>	<b>82.54</b>

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily quantity of trade effluent	0.00	0.00	CMD
Daily quantity of domestic effluent	355.00	63.32	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
Not Applicable- Residential & Commercial Project	0.00	0.00	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
Not Applicable- Residential & Commercial Project	0.00	0.00	Ton/Ton

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	375	122.52	Ltr/Hr

## 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 Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
pH (STP 1: 60 KLD)	0.00	7.31	0.00	6.5 to 9	NA
TSS (STP 1: 60 KLD)	0.00	12.00	0.00	< 20 mg/l	NA
COD (STP 1: 60 KLD)	0.00	30.30	0.00	< 50 mg/l	NA
BOD (STP 1: 60 KLD)	0.00	9.84	0.00	< 10 mg/l	NA
pH (STP 2: 270 KLD)	0.00	7.43	0.00	6.5 to 9	NA
TSS (STP 2: 270 KLD)	0.00	12.00	0.00	< 20 mg/l	NA
COD (STP 2: 270 KLD)	0.00	30.30	0.00	< 50 mg/l	NA
BOD (STP 2: 270 KLD)	0.00	9.84	0.00	< 10 mg/l	NA
pH (STP 3: 25 KLD)	0.00	7.32	0.00	6.5 to 9	NA
TSS (STP 3: 25 KLD)	0.00	10.00	0.00	< 20 mg/l	NA

COD (STP 3: 25 KLD)	0.00	20.20	0.00	< 50 mg/l	NA
BOD (STP 3: 25 KLD)	0.00	6.67	0.00	< 10 mg/l	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 (DG Set 1: 500 KVA)	0.00	10.89	0.00	--	NA
SO2 (DG Set 1: 500 KVA)	3.05	0.00	0.00	--	NA
NOx (DG Set 1: 500 KVA)	0.00	10.08	0.00	--	NA
PM (DG Set 2: 500 KVA)	0.00	9.91	0.00	--	NA
SO2 (DG Set 2: 500 KVA)	3.56	0.00	0.00	--	NA
NOx (DG Set 2: 500 KVA)	0.00	8.62	0.00	--	NA
PM (DG Set 3: 500 KVA)	0.00	10.56	0.00	--	NA
SO2 (DG Set 3: 500 KVA)	3.35	0.00	0.00	--	NA
NOx (DG Set 3: 500 KVA)	0.00	9.19	0.00	--	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	0.00	0.00	Ltr/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>
Biodegradable Waste	0.00	118.78	MT/A
Non- Biodegradable Waste	0.00	97.41	MT/A

#### 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>
STP Sludge	0.00	2.96	MT/A

#### 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>
0	0.00	0.00	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
5.1 Used or spent oil	0.00	Ltr/A	Oily (Disposal: Will be sold to MPCB authorized vendor for recycling)

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Biodegradable Waste	118.78	MT/A	Semi Solid (Disposal: Treated in organic waste converter. Manure used for gardening)
Non- Biodegradable Waste	97.41	MT/A	Solid (Disposal: Segregate & handed over to Local body)
STP Sludge	2.96	MT/A	Semi Solid (Disposal: Used as manure)

## 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)
STP's of capacity of 355 CMD is provided to treat sewage generated. Treated water is used for flushing & gardening. OWC, Solar System is provided.	0	0	0	0	0	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)
AMC for STP	--	42.70
Landscaping	--	139.05
Solar System	--	4.13

### [B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
AMC for STP, landscaping & Energy Conservation System	--	8.75

## Part-I

Any other particulars for improving the quality of the environment.

### Particulars

The company maintains green belt around the site. The company maintains a safe & healthy environment within the premises. Recycled water from STP is used for Flushing & Gardening purpose. Regular monitoring of ambient air quality, stack emissions & effluent quality is done to evaluate the efficiency of the pollution control systems.

**Name & Designation**

Mr. Atul Barot (Director)

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000066000

**Submitted On:**

14-06-2024