



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-0000075291

Submitted Date

01-10-2024

PART A

Company Information

Company Name

M/s. Gigaplex Estate Pvt. Ltd.

Application UAN number

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Address

Gigaplex IT Park, Plot No. IT-5, MIDC
Knowledge Park, Airoli, Navi Mumbai

Plot no

Plot No. IT-5

Taluka

Thane

Village

Airoli

Capital Investment (In lakhs)

1. Building no. 1, 5 & 6 - Rs. 446.72 Crs
2. Building no. 2, 3 & 4 - Rs. 981 Crs
Building no.9 - Rs 409.96 Crs

Scale

LSI

City

Navi Mumbai

Pincode

400708

Person Name

Mr. Mayur Gajaria

Designation

Vice President - Engineering

Telephone Number

02226564000

Fax Number

02226564306

Email

mgajaria@kraheja.com

Region

SRO-Navi Mumbai II

Industry Category

Red

Industry Type

other

Last Environmental statement submitted online

yes

Consent Number

1. Format 1.0/CAC-CELL/UAN No.
0000108242/CR-2110000908 Dated 20.10.2021
(Bldg. No. 1,5,6) 2. Format1.0/CAC-CELL/UAN No.
0000115891/CR-2110000878 dated 20.10.2021
(Bldg. No. 2,3,4) 3. Format1.0/CAC-CE

Consent Issue Date

20.10.2021 & 20.10.2021 &
06.02.2023

Consent Valid Upto

28/02/2026 & 31.07.2026 & 31.04.2024

Establishment Year

2011

Date of last environment statement submitted

Oct 1 2023 12:00:00:000AM

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

Product Information

Product Name

Not Applicable - IT Park Project

Consent Quantity

0.00

Actual Quantity

0.00

UOM

MT/A

By-product Information

By Product Name

Not Applicable - IT Park 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	211.50	0.00
Domestic	1699.50	1236.97
All others	0.00	20.68
Total	1911.00	1257.65

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily quantity of trade effluent from the factory	0.00	0.00	CMD
Daily Quantity of sewage from the factory	1679.6	1098.29	CMD
Daily Quantity of Treated Sewage	0.00	933.55	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 - IT Park 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 - IT Park Project	0.00	0.00	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD for D.G. Sets (1010 KVA * 8 Nos.) & (1500 KVA * 3 Nos.) - For Building No. 1, 5 & 6	21720.96	12.01	KL/A
HSD for DG Sets (1700 KVA * 4 Nos.) & (2000 KVA * 4 Nos.) & (2250 KVA* 4 Nos.) - For Building No. 2, 3 & 4	24675.84	26.25	KL/A
HSD for DG Sets (2000 KVA * 6 Nos.) & (2000 KVA * 4 Nos.) & (2250 KVA* 4 Nos.) - For Building No. 9	19008	8.37	KL/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	0	7.08	21.30	5.5-9	Not applicable
SS	5.00	4.56	77.22	20 mg/l	Not applicable
Biological Oxygen Demand	4.91	4.47	55.33	10 mg/l	Not applicable
Chemical Oxygen Demand	13.70	12.48	75.04	50 mg/l	Not applicable

Residual Chlorine	0.62	0.56	--	--	Not applicable
Residual Chlorine	0.62	0.56	--	--	Not applicable

[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		
	Quantity	Concentration	%variation	Standard	Reason
Bldg No. 1DG Set No. 1 (1500 KVA) PM	3.98	45.80	69.47	150 mg/m3	Not Applicable
Bldg No. 1DG Set No. 1 (1500 KVA) SO2	3.56	40.95	--	--	Not Applicable
Bldg No. 1DG Set No. 1 (1500 KVA) NOx	7.66	88.10	--	--	Not Applicable
Bldg No. 1DG Set No. 2 (1500 KVA) PM	3.62	43.10	71.27	150 mg/m3	Not Applicable
Bldg No. 1DG Set No. 2 (1500 KVA) SO2	3.10	36.89	--	--	Not Applicable
Bldg No. 1DG Set No. 2 (1500 KVA) NOx	6.23	74.10	--	--	Not Applicable
Bldg No. 1DG Set No. 3 (1500 KVA) PM	3.96	47.00	68.67	150 mg/m3	Not Applicable
Bldg No. 1DG Set No. 3 (1500 KVA) SO2 - Building No. 1	3.11	36.90	--	--	Not Applicable
Bldg No. 1DG Set No. 3 (1500 KVA) NOx	6.25	74.20	--	--	Not Applicable
Bldg No. 2DG Set No. 1 (2250 KVA) PM	3.32	45.20	69.87	150 mg/m3	Not Applicable
Bldg No. 2DG Set No. 1 (2250 KVA) SO2	2.41	32.84	--	--	Not Applicable
Bldg No. 2DG Set No. 1 (2250 KVA) NOx	5.00	68.10	--	--	Not Applicable
Bldg No. 2DG Set No. 2 (1700 KVA) PM	3.74	47.10	68.60	150 mg/m3	Not Applicable
Bldg No. 2DG Set No. 2 (1700 KVA) SO2	2.60	32.71	--	--	Not Applicable
Bldg No. 2DG Set No. 2 (1700 KVA) NOx	6.21	78.10	--	--	Not Applicable
Bldg No. 2DG Set No. 3 (2250 KVA) PM	3.45	44.20	70.53	150 mg/m3	Not Applicable
Bldg No. 2DG Set No. 3 (2250KVA) SO2	2.24	28.67	--	--	Not Applicable
Bldg No. 2DG Set No. 3 (2250 KVA) NOx	5.94	76.10	--	--	Not Applicable
Bldg No. 2DG Set No. 4 (1700 KVA) PM	3.03	40.20	73.20	150 mg/m3	Not Applicable
Bldg No. 2DG Set No. 4 (1700 KVA) SO2	2.16	28.63	--	--	Not Applicable
Bldg No. 2DG Set No. 4 (1700 KVA) NOX	5.30	70.20	--	--	Not Applicable
Bldg No. 3DG Set No. 1 (2250 KVA) PM	4.29	50.10	66.60	150 mg/m3	Not Applicable
Bldg No. 3DG Set No. 1 (2250 KVA) SO2	2.80	32.69	--	--	Not Applicable
Bldg No. 3DG Set No. 1 (2250 KVA) NOx	5.32	62.10	--	--	Not Applicable
Bldg No. 3DG Set No. 2 (1700 KVA) PM	5.20	58.30	61.13	150 mg/m3	Not Applicable

Bldg No. 3DG Set No. 2 (1700 KVA) SO2	3.65	40.96	--	--	Not Applicable
Bldg No. 3DG Set No. 2 (1700 KVA) NOx	6.07	68.10	--	--	Not Applicable
Bldg No. 3DG Set No. 3 (2250KVA) PM	4.09	48.30	67.80	150 mg/m3	Not Applicable
Bldg No. 3DG Set No. 3 (2250KVA) SO2	2.50	29.55	--	--	Not Applicable
Bldg No. 3DG Set No. 3 (2250KVA) NOX	4.81	56.80	--	--	Not Applicable
Bldg No. 3DG Set No. 4 (1700 KVA) PM	5.07	55.60	62.93	150 mg/m3	Not Applicable
Bldg No. 3DG Set No. 4 (1700KVA) SO2	4.11	45.04	--	--	Not Applicable
Bldg No. 3DG Set No. 4 (1700KVA) NOX	6.52	71.40	--	--	Not Applicable
Bldg No. 4DG Set No. 1 (2000 KVA) TPM	3.49	41.50	72.33	150 mg/m3	Not Applicable
Bldg No. 4DG Set No. 1 (2000 KVA) SO2	2.07	24.62	--	--	Not Applicable
Bldg No. 4DG Set No. 2 (2000 KVA) PM	3.06	37.06	74.93	150 mg/m3	Not Applicable
Bldg No. 4DG Set No. 2 (2000 KVA) SO2	2.00	24.54	--	--	Not Applicable
Bldg No. 4DG Set No. 2 (2000 KVA) NOX	5.39	66.10	--	--	Not Applicable
Bldg No. 4DG Set No. 3 (2000 KVA) PM	3.76	43.50	71.00	150 mg/m3	Not Applicable
Bldg No. 4DG Set No. 3 (2000 KVA) SO2	3.18	36.79	--	--	Not Applicable
Bldg No. 4DG Set No. 3 (2000 KVA) NOX	6.97	80.60	--	--	Not Applicable
Bldg No. 5DG Set No. 1 (1010KVA) PM	1.15	38.78	74.15	150 mg/m3	Not Applicable
Bldg No. 5DG Set No. 1 (1010KVA) SO2	0.97	32.73	--	--	Not Applicable
Bldg No. 5DG Set No. 1 (1010KVA) NOX	1.45	48.83	--	--	Not Applicable
Bldg No. 5DG Set No. 2 (1010KVA) PM	1.08	35.64	76.24	150 mg/m3	Not Applicable
Bldg No. 5DG Set No. 2 (1010KVA) SO2	0.84	27.76	--	--	Not Applicable
Bldg No. 5DG Set No. 2 (1010KVA) NOX	1.35	44.67	--	--	Not Applicable
Bldg No. 5DG Set No. 3 (1010KVA) PM	1.60	49.42	67.05	150 mg/m3	Not Applicable
Bldg No. 5DG Set No. 3 (1010KVA) SO2	1.00	30.89	--	--	Not Applicable
Bldg No. 5DG Set No. 3 (1010KVA) NOX	1.72	53.22	--	--	Not Applicable
Bldg No. 5DG Set No. 4 (1010KVA) PM	1.57	54.78	63.48	150 mg/m3	Not Applicable
Bldg No. 5DG Set No. 4 (1010KVA) SO2	0.68	23.71	--	--	Not Applicable
Bldg No. 5DG Set No. 4 (1010KVA) NOX	1.13	39.48	--	--	Not Applicable
Bldg No. 6DG Set No. 1 (1010KVA) PM	1.19	41.36	72.43	150 mg/m3	Not Applicable
Bldg No. 6DG Set No. 1 (1010KVA) SO2	1.12	38.79	--	--	Not Applicable
Bldg No. 6DG Set No. 1 (1010KVA) NOX	1.75	60.52	--	--	Not Applicable
Bldg No. 6DG Set No. 2 (1010KVA) PM	0.96	33.06	77.96	150 mg/m3	Not Applicable

Bldg No. 6DG Set No. 2 (1010KVA) SO2	0.65	22.36	--	--	Not Applicable
Bldg No. 6DG Set No. 2 (1010KVA) NOX	1.64	56.31	--	--	Not Applicable
Bldg No. 6DG Set No. 3 (1010KVA) PM	1.34	45.64	69.57	150 mg/m3	Not Applicable
Bldg No. 6DG Set No. 3 (1010KVA) SO2	1.05	35.89	--	--	Not Applicable
Bldg No. 6DG Set No. 3 (1010KVA) NOX	1.95	66.49	--	--	Not Applicable
Bldg No. 6DG Set No. 4 (1010KVA) PM	0.93	31.96	78.69	150 mg/m3	Not Applicable
Bldg No. 6DG Set No. 4 (1010KVA) SO2	0.52	17.88	--	--	Not Applicable
Bldg No. 6DG Set No. 4 (1010KVA) NOX	1.00	34.43	--	--	Not Applicable
Bldg No. 9DG Set No. 1 (2000KVA) TPM	1.11	44.20	70.53	150 mg/m3	Not Applicable
Bldg No. 9DG Set No. 1 (2000KVA) SO2	1.54	61.52	99.84	960 mg/m3	Not Applicable
Bldg No. 9DG Set No. 1 (2000KVA) NOX	2.71	108.20	--	--	Not Applicable
Bldg No. 9DG Set No. 2 (2000KVA) TPM	1.25	42.40	71.73	150 mg/m3	Not Applicable
Bldg No. 9DG Set No. 2 (2000KVA) SO2	2.04	69.22	99.79	960 mg/m3	Not Applicable
Bldg No. 9DG Set No. 2 (2000KVA) NOX	3.42	116.10	--	--	Not Applicable
Bldg No. 9DG Set No. 3 (2000KVA) PM	1.30	48.70	67.53	150 mg/m3	Not Applicable
Bldg No. 9DG Set No. 3 (2000KVA) SO2	1.52	57.11	99.84	960 mg/m3	Not Applicable
Bldg No. 9DG Set No. 3 (2000KVA) NOX	2.99	112.20	--	--	Not Applicable

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	4.586	1.74	KL/A
Other Hazardous Waste	0.962	0	MT/A
Other Hazardous Waste	15.23	3.02	MT/A

2) From Pollution Control Facilities

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

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Biodegradable waste	117.16	110.06	MT/A
Non-Biodegradable waste	159.16	148.85	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
STP Sludge	0.64	0.76	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	0.00	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	1.74	KL/A	liquid (Oily) - Sent to Authorized Recycler
Other Hazardous Waste	0	MT/A	Solid - Disposal to Authorized E- Waste Recycler
Other Hazardous Waste	3.02	MT/A	Solid - Disposal to Authorized Battery Waste Recycler

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Biodegradable waste	110.06	MT/A	Will be processed in OWC & manure obtained will be used for gardening
Non-Biodegradable waste	148.85	MT/A	Will be sold to recyclers
STP Sludge	0.76	MT/A	Used as manure for Gardening

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)
Sewage treatment plants with total capacity of 1525 CMD is provided for Building no.1,2,3,4,5,6 & 9	0.00	0.00	0.00	0.00	0.00	0.00

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)
STP Modification & AMC, Environmental Monitoring, Waste Management	--	120

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
STP Modification & AMC, Environmental Monitoring, Waste Management	--	130

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Housekeeping is taking on top priority and engaged sufficient manpower for maintaining neat and clean environment in the IT premises.

Name & Designation

Mr. Mayur Gajaria - (Vice President - Engineering)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000075291

Submitted On:

01-10-2024