

## Maharashtra Pollution Control Board

# महाराष्ट्र प्रदूषण नियंत्रण मंडळ

**FORM V** 

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

**Unique Application Number** 

MPCB-ENVIRONMENT\_STATEMENT-0000058564

Submitted Date

21-09-2023

**PART A** 

**Company Information** 

Company Name Manikchand Kumar Properties

Address

Kumar Capital, East Street, camp,

pune

Plot no S. no. 9/1, 9/2/1A to 9/2/7

Capital Investment (In lakhs)

Last Environmental statement

15225

Pincode 411060

Telephone Number

submitted online

9011009240

Region SRO-Pune I

yes

Haveli Scale

Taluka

L.S.I

Person Name

Mr. Samir Patil

Fax Number

0

**Industry Category** 

Orange

**Consent Number** 

Format1.0BO/JD(WPC)/UAN-077627/CE/CC-2001000680 2020-01-08

Consent Valid Upto Establishment Year

2025-01-07 2009

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

Application UAN number

MPCB-CONSENT-0000077627

Village

Undri

City

Pune

Designation

Manager Sustainable Development

(Authorized Signatory)

**Email** 

moef11@kumarworld.com

**Industry Type** 

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

Consent Issue Date

Date of last environment statement

submitted

Nov 22 2022 12:00:00:000AM

**Product Information** 

**Product Name Consent Quantity Actual Quantity UOM** 

138851.68 80925.85 Built up Area

**By-product Information** 

**By Product Name Consent Quantity Actual Quantity UOM** NA 0 0 CMD

Part-B (Water & Raw Material Consumption)

All others  All others  O.00	1) Water Consumption in m3/day Water Consumption for Process		Consent Quantity in m3/da	Actual Q	Actual Quantity in m3/day		
All others  O,00  O,00  291.00	Cooling		0.00	0.00			
Total 327.00 0.00    Particulars   Section   S	Domestic		327.00	291.00			
2) Effluent Generation in CMD / MLD Particulars Domestic Effluent  2) Product Wise Process Water Consumption (cubic meter of process water per unit of product) Name of Products (Production)  During the Previous financial year 0  During the Previous financial year 0  CMD  During the Previous financial year 0  CMD  3) Raw Material Consumption (Consumption of raw material per unit of product) Name of Raw Materials  During the Previous financial year 0  CMD  Actual Quantity During the current financial year 0  CMD  Actual Quantity UOM CMD  CMD  Actual Quantity UOM Ltr/Hr  Part-C  Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)  [A] Water Pollutants Detail Quantity of Ph.Temp, Colour (ki./day) Quantity Concentration of Pollutants discharged (ki./day) Quantity Concentration Waariation Standard Reason  Treated waste water - pH 106 7.5 0 5.5 9.0 NA  Treated waste water - pH 106 7.5 0 5.5 9.0 NA  Treated waste water - pH 106 7.5 0 5.5 9.0 NA  Treated waste water - TSS 106 12 0 20 NA  [B] Air (Stack) Pollutants Detail Quantity of Pollutants discharged (ki./day) Quantity Concentration of Pollutants discharged (ki./day) Quantity Concentration Form prescribed standards with reasons  [B] Air (Stack) Pollutants Detail Quantity of Pollutants discharged (ki./day) Quantity Concentration Form prescribed standards with reasons  [B] Air (Stack) Pollutants Detail Quantity of Pollutants discharged (ki./day) Quantity Concentration Form prescribed standards with reasons  [B] Air (Stack) Pollutants Detail Quantity of Pollutants discharged (ki./day) Quantity Concentration Standard Reason  Concentration Standard Reason  Concentration Form Pollutants discharged (ki./day) Quantity Concentration Standard with reasons	All others						
Domestic Effluent 295 260 CMD  CMD  CMD  CMD  CMD  CMD  CMD  CMD	Total		327.00	291.00			
Domestic Effluent 295 260 CMD  22) Product Wise Process Water Consumption (cubic meter of process water per unit of product) Name of Products (Production)  33) Raw Material Consumption (Consumption of raw material per unit of product) Name of Raw Materials  NA 0 During the Previous financial year 0 CMD  Actual Quantity NAME 0 During the Previous financial year 0 CMD  CMD  Actual Quantity Financial year 0 CMD  Actual Quantity JUOM Description of Standard Reasons (KL/day) Quantity Concentration of Pollutants discharged (KL/day) Quantity Concentration of Pollutants Detail Quantity Of Description Standard Reasons (KL/day) Quantity Of Description Standards discharged (Mg/NM3) Reasons (KL/day) Quantity Of Description Standards with reasons (KL/day) Quantity Of Description Standard Reason Standards with reasons (KL/day) Quantity Of Description Standard Reason Standards with reasons (KL/day) Quantity Of Description Standards with reasons Standard Reason Standards with reasons Standard Reason Standards with reasons Standard Reason Standards With Reason Standards with Reason Standards With Reason		n CMD / MLD		2 chiral		- 34	
Name of Products (Production)  Name of Products (Production)  Name of Products (Production)  Name of Raw Material Consumption (Consumption of raw material per unit of product)  Name of Raw Materials  NA  O  During the Previous financial Year  O  During the Previous financial Year  O  O  O  CMD  During the Previous financial Year  O  CMD  Actual Quantity  During the current Financial Year  O  CMD  During the Previous financial Year  O  CMD  Al Fuel Consumption  Fuel Consumption  Fuel Name  Consent quantity  Actual Quantity  UOM  Ltr/Hr  Part-C  Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)  (Al Water  Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)  (Al Water  Pollutiants discharged (Rk/day)  Quantity  Quantity  Concentration of Pollutants discharged (Ng/Ltt) Except PH, Temp, Colour  With reasons  Standard Reason  Treated waste water - DD  106  38  0  50  NA  Treated waste water - PH  106  7.5  0  5.5-9.0  NA  Treated waste water - TSS  106  12  Concentration of Pollutants discharged (Rk/day)  Quantity  Quantity of Pollutants discharged (Rk/day)  Quantity of Pollutants discharged (Rk/day)  Quantity  Concentration  Fercentage of variation from prescribed standards with reasons  (Rk/day)  Quantity  Concentration  Standard Reason  NA  Reason  Standard Reason  NA  Reason  Standard Reason  NA  Reason  Concentration  Pollutants discharged (Rk/day)  Quantity  Concentration  Pollutants  O  Concentration  Standard Reason  NA  Reason  Reason  Standard Reason  NA  Reason  Re				-	-		
During the Previous Financial year 0 CMD  3] Raw Material Consumption (Consumption of raw material per unit of product) Name of Raw Materials NA  O  During the Previous Financial year 0 CMD  O  Manual Year 0 O CMD  O  Actual Quantity UOM Enhancial Year 0 O CMD  O  S4) Fuel Consumption Fuel Name OG set 54.8 135.0 Ltr/Hr  Part-C  Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)  (A) Water Pollutants Detail Quantity of Ocncentration of Pollutants discharged (KL/day) Quantity Concentration Set of Set Occupantity Set Occupan			ion (cubic meter of				
Actual Quantity Pollutants Detail Quantity Quantity Quantity Quantity Quantity Concentration Fireled waste water - BOD 106 38 38 30 30 30 30 30 30 30 30 30 30 30 30 30						иом	
3) Raw Material Consumption (Consumption of raw material per unit of product) Name of Raw Materials  NA  During the Previous Financial year  0  CMD  Actual Quantity Financial year  0  Ltr/Hr  Part-C  Part-C  Consent quantity Financial year  0  Consent quantity Financial year  0  CMD  Actual Quantity Financial year  0  Ltr/Hr  Actual Quantity Financial year  0  Ltr/Hr  Part-C  Consent quantity Financial year  0  CMD  Actual Quantity Financial year  0  CMD  Ltr/Hr  Part-C  Consentration of Pollutants discharged (Mg/Lit) Except Ph/Temp, Colour Ph/Temp, Colour Ph/Temp, Colour Ph/Temp, Colour Swith reasons With reasons With reasons Standard Reason  Treated waste water - BOD 106  38  0  50  NA  Treated waste water - COD 106  38  0  50  NA  Treated waste water - TSS 106  12  0  20  NA  (B) Air (Stack) Pollutants Detail Pollutants discharged (KL/day) Quantity Concentration of Pollutants discharged (Mg/NM3) Financial year  CMD  Actual Quantity Concentration of Pollutants discharged (Mg/NM3) Financial year  CMD  Actual Quantity Concentration of Pollutants discharged (Mg/NM3) Financial year  CMD  Actual Quantity Concentration of Pollutants discharged (Mg/NM3) Financial year  CMD  Actual Quantity Concentration Financial year  UMM  Concentration Financial year  CMD  CMD  Concentration Financial year  CMD  Concentration Financial year  CMD  CMD  Concentration Financial year  Concentration Financial year  CMD  Concentration Financial year  Concentratio	OTHERS				ancial year	CMD	
Name of Raw Materials  Name of Raw Materials  NA  O  During the Previous financial Year Serial Seria							
NAME OF RAW Materials  NAME OF STATE OF		iption (Consumptic	on of raw material				
Actual Quantity Described Standard Reason O O O CMD  Actual Quantity Described Standard Reason O O O CMD  Actual Quantity Described Standards Under Pollutants Detail Pollutants Detail O O O O CMD  Actual Quantity O O O O O O O O O O O O O O O O O O O	-					иом	
Fuel Name DG Set  Consent quantity DG Set  54.8  135.0  Ltr/Hr  Part-C  Pollution discharged to environment/unit of output (Parameter as specified in the consent issued) [A] Water Pollutants Detail Pollutants Detail Quantity of Pollutants Detail Quantity Concentration of Pollutants discharged (Rt/day) Quantity Concentration PH, Temp, Colour PH,	NA				icial year	CMD	
Pollution discharged to environment/unit of output (Parameter as specified in the consent issued) [A] Water Pollutants Detail Pollutants Detail Quantity of Homeon of Pollutants discharged (RkL/day) Quantity Quantity Concentration Treated waste water - BOD 106 9.5 0 10 NA  Treated waste water - COD 106 38 0 50 NA  Treated waste water - FH 106 7.5 0 5.5-9.0 NA  Treated waste water - TSS 106 12 0 20 NA  [B] Air (Stack) Pollutants Detail Quantity of Pollutants discharged (RkL/day) Quantity Quantity Concentration of Pollutants discharged (RkL/day) Quantity Quantity Concentration of Pollutants discharged (RkL/day) Quantity Concentration Standard Reason NA  Treated waste water - TSS 106 12 0 20 NA  DG Stack - PM (200 kVA) 0 59.1 0 150 NA							
Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)  [A] Water  Pollutants Detail  Quantity of Pollutants discharged (Mg/Lit) Except PH, Temp, Colour Quantity  Concentration of Pollutants with reasons (kL/day) Quantity  Concentration  Wvariation  Standard Reason  Treated waste water - BOD 106 9.5 0 10 NA  Treated waste water - COD 106 38 0 50 NA  Treated waste water - pH 106 7.5 0 5.5-9.0 NA  Treated waste water - TSS 106 12 0 20 NA  [B] Air (Stack)  Pollutants Detail  Quantity of Pollutants discharged (kL/day) Quantity Quantity  Concentration of Pollutants discharged (Mg/NM3)  Prescribed standards with reasons  Concentration of Pollutants Percentage of variation from prescribed standards with reasons  Concentration of Pollutants Percentage of Variation from prescribed standards with reasons  Concentration  Standard Reason  OD Stack - PM (200 kVA) 0 59.1 0 150 NA	Fuel Name			_			
Pollutants Detail Pollutants discharged (kL/day) Quantity Concentration of Pollutants discharged (Mg/Lit) Except PH, Temp, Colour Ph, Temp, Co	Part-C		54.8	135.0	Luji	ir	
Pollutants discharged (kL/day) Quantity Concentration P.5 0 10 10 NA  Treated waste water - BOD 106 38 0 50 NA  Treated waste water - PH 106 7.5 0 5.5-9.0 NA  Treated waste water - TSS 106 12 0 0 20 NA  [B] Air (Stack) Pollutants discharged (kL/day) Quantity Concentration Pollutants discharged (kL/day) Quantity Concentration Pollutants discharged (kL/day) Quantity Concentration MA  To Stack - PM (200 kVA) 0 59.1 0 150 NA		environment/unit	of output (Parameter as specified	in the consent issue			
Treated waste water - BOD 106 9.5 0 10 NA  Treated waste water - COD 106 38 0 50 NA  Treated waste water - pH 106 7.5 0 5.5-9.0 NA  Treated waste water - TSS 106 12 0 20 NA  [B] Air (Stack)  Pollutants Detail Quantity of Pollutants discharged (kL/day) Quantity Concentration of Pollutants discharged (kL/day) Quantity Concentration Management (kL/day) Standards with reasons  DG Stack - PM (200 kVA) 0 59.1 0 150 NA		Pollutants discharged (kL/day)	discharged(Mg/Lit) Except PH,Temp,Colour	variation from prescribed star with reasons	ndards	Peason	
Treated waste water - pH 106 7.5 0 5.5-9.0 NA  Treated waste water - TSS 106 12 0 20 NA  [B] Air (Stack)  Pollutants Detail Quantity of Pollutants discharged (Mg/NM3) Percentage of variation from prescribed standards with reasons  DG Stack - PM (200 kVA) 0 59.1 0 150 NA	Treated waste water - BOD	_			0.00000		
Treated waste water - TSS 106 12 0 20 NA  [B] Air (Stack)  Pollutants Detail Quantity of Pollutants discharged (Mg/NM3) Percentage of variation from prescribed standards with reasons  DG Stack - PM (200 kVA) 0 59.1 0 150 NA	Treated waste water - COD	) 106	38	0	50	NA	
[B] Air (Stack)  Pollutants Detail Quantity of Pollutants discharged (Mg/NM3) From prescribed standards with reasons  Output (kL/day) Quantity Concentration (Variation of Pollutants discharged)  Output (kL/day) Output Concentration (Variation of Pollutants of Percentage of Variation of Variation of Percentage of Variation of Variat	Treated waste water - pH	106	7.5	0	5.5-9.0	NA	
Pollutants Detail Quantity of Pollutants discharged (Mg/NM3) Quantity Quantity Quantity Quantity Quantity Quantity Concentration of Pollutants from prescribed standards with reasons  Concentration Standard Reason  59.1  0 150 NA	Treated waste water - TSS	106	12	0	20	NA	
Pollutants discharged(Mg/NM3) from prescribed standards with reasons (kL/day) Quantity Concentration %variation Standard Reason  DG Stack - PM (200 kVA) 0 59.1 0 150 NA	[B] Air (Stack)						
DG Stack - PM (200 kVA) 0 59.1 0 150 NA		Pollutants discharged (kL/day)	discharged(Mg/NM3)	from prescribed standards with re	reasons		
		-					
DG Stack - PM (180 kVA) 0 53.1 0 150 NA			59.1	0	150	NA	
	DG Stack - PM (180 kVA)	0	53.1	0	150	NA	

## **Part-D**

HAZARDOUS WASTES					
1) From Process Hazardous Wasto Typo	Total During	Previous Financial year	Total During	g Current Financial year	иом
0	0	Frevious Filialiciai yeai	0	g Current Financial year	Ltr/A
	Ü		Ü		Lu/A
2) From Pollution Contr	ol Facilities				
Hazardous Waste Type	<b>Total During</b>	Previous Financial year	Total During	g Current Financial year	UOM
5.1 Used or spent oil	0		0		Ltr/A
Part-E					
SOLID WASTES					
1) From Process	_				
		ıring Previous Financial year	_	g Current Financial year	UOM
NA	0		0		Kg/Annum
2) From Pollution Contr	ol Facilities				
Non Hazardous Waste 1	уре	Total During Previous Financial ye	ear Total Du	ring Current Financial year	UOM
STP SLUDGE	8	3942.5	8942.5		Kg/Annum
2) Overtite Be welled as	. Do ostilizad so	itali in ali n			
3) Quantity Recycled or unit	ke-utilizea w	itnin the			
Waste Type		Total During Previous	: To	otal During Current	UOM
		Financial year	Financial year		
0		0	0	0	
Part-F					
		terms of concentration and quant r both these categories of wastes		dous as well as solid wastes	and
1) Hazardous Waste					
Type of Hazardous Was	te Generated	Qty of Hazardous Waste UOM	Concentratio	n of Hazardous Waste	
5.1 Used or spent oil		0 Ltr/A	-		
2) Solid Waste					
Type of Solid Waste Ge	nerated	Qty of Solid Waste	UOM	Concentration of Solid W	'aste
Dry Waste		148190	Kg/Annum	-	
Wet Waste		214255	Kg/Annum	-	
			J		

## **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)
Solar Water Heater	0	0	0	162525	0	14.63
Solar PV	0	0	0	10752.5	0	0.97

Water 17.2125 0 0 0 0 0 1.26 Conservation

## **Part-H**

Through Fixtures

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)
Water for dust suppression	Prevent air pollution within construction site	0.72
Barricading	Barricading	0.32
Site sanitation & Safety	Provide workers Hygienic & safe environment to work.	7.23
Environment Monitoring	To monitor the environmental parameters	1
Disinfection	Maintain hygiene of work place.	1.5
Health Check up	To check health of worker on site.	1.15
STP	To treat wastewater	25
Solid waste	Waste treatment	4.39
Fire Fighting	to protect human $\&$ environment and to prevent air $\&$ water Pollution	0.21
Solar Hotwater System	Energy saving measures	6.26
Solar PV	Energy saving measures	5.5
DG	To prevent Air and Noise Pollution	1.5
Green Belt Development	To control air pollution and provide acoustic cover to area	2.4

## [B] Investment Proposed for next Year

[b] investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Water for dust suppression	Prevent air pollution within construction site	0.72
Barricading	Barricading	0.32
Site sanitation & Safety	Provide workers Hygienic & safe environment to work.	7.23
Environment Monitoring	To monitor the environmental parameters	1
Disinfection	Maintain hygiene of work place.	1.5
Health Check up	To check health of worker on site.	1.15
STP	To treat wastewater	5.9
Solid waste	Waste treatment	3.5
Fire Fighting	to protect human $\&$ environment and to prevent air $\&$ water Pollution	1
Green Belt Development	To control air pollution and provide acoustic cover to area	2.4

#### Part-I

Any other particulars for improving the quality of the environment.

#### **Particulars**

NA

Name & Designation

Mr. Samir Patil

## **UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000058564

## **Submitted On:**

21-09-2023