

Test Report For Drinking Water

Company Name & Address : M/s. Galaxy Hill Paradise LLP "Nirman Aura"			
S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at.			
Village Ambegaon, Tal. Haveli, Dist. Pune.			
Inward No.	SAEN/OT/22-23/190 - I	Report No.	SAEN/TR/OT/22-23/857
Sample Received Date :	01.08.2022	Sampling Location :	Sales Office
Collected By :	Sirure Asso.	Sample Quantity :	2 liter + 200 ml.
Sample Name :	DW	Date of Report :	08.08.2022

Sr. No	Parameters	Result	Unit	Standard Value	Analysis Method
1	Turbidity	0.12	NTU	< 1.0	APHA 23 rd Edn 2017 (2130B)
2	Colour	Unobjectionable	Hazen	Agreeable	APHA 23 rd Edn 2017 (2120B)
3	Odour	Unobjectionable	--	Agreeable	IS 3025: (Part 6)
4	Taste	Agreeable	--	Agreeable	APHA 23 rd Edn 2017 (2160B)
5	pH	7.65	--	6.5-8.5	APHA 23 rd Edn 2017 4500 (H ⁺)B
6	Total Dissolved Solids	192	mg/L	< 500	APHA 23 rd Edn 2017, 2540 C
7	Chlorides as Cl ⁻	35	mg/L	< 250	APHA 23 rd Edn 2017, 4500-Cl B
8	Sulphate as SO ₄	23.5	mg/L	< 200	APHA 23 rd Edn 2017, 4500-SO ₄ E
9	Total Hardness as CaCO ₃	108	mg/L	< 200	APHA 23 rd Edn 2017 2340 C
10	Calcium as Ca	22.44	mg/L	< 75	APHA 23 rd Edn 2017, 3500-Ca B
11	Magnesium as Mg	13.64	mg/L	<30	APHA 23 rd Edn 2017, 3500-Mg B
12	Fluoride as F ⁻	0.0	mg/L	< 1.0	APHA 23 rd Edn 2017, 4500-F ⁻ B
13	Iron as Fe	0.13	mg/L	< 0.3	APHA 23 rd Edn 2017, 3500-Fe B
14	Residual Chlorine	Absent	mg/L	< 0.2	APHA 23 rd Edn 2017, 4500-Cl B
15	Phenolic Compounds	Not Detected	mg/L	< 0.001	IS 3025: (Part 43), 1992
16	Nitrate as NO ₃	Not Detected	mg/L	< 45	APHA 23 rd Edn 2017, 4500-NO ₃ B
17	Cadmium as Cd	Not Detected	mg/L	< 0.003	IS 3025: (Part 41), 1992
18	Lead as Pb	Not Detected	mg/L	< 0.01	IS 3025: (Part 47), 1992
19	Zinc as Zn	Not Detected	mg/L	< 5	IS 3025: (Part 48), 1992
20	Chromium as Cr	Not Detected	mg/L	< 0.05	APHA 23 rd Edn 2017, 3500-Cr B
21	Copper as Cu	Not Detected	mg/L	< 0.05	IS 3025: (Part 2), 1992
22	Manganese as Mn	Not Detected	mg/L	< 0.1	IS 3025: (Part 59), 1992
23	Total Alkalinity as CaCO ₃	139	mg/L	< 200	APHA 23 rd Edn 2017, 2320 B
24	Total Coliform	Absent	cfu/ml	Absent	IS 1622: 2019
25	E-coli	Absent	cfu/ml	Absent	IS 1622: 2019

Remarks (If Any): Based on above parameters Water is Potable.

Note: Standard value as per IS 10500:2012

- Test Report is based on above parameters.
- SAEN will discard the sample after one month of the date of Test Report.
- Test Results pertain only to the sample tested.
- The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
- Laboratory Recognized by MoEFCC with Notification SO - 388 (E) dt.10.02.2017 - Under renewal.

For S A Encon Private Ltd.

Mr. Anant Nandawadekar - Technical Manager

Authorized Signatory

END OF REPORT



S A Encon Private Limited Accredited with ISO 9001, ISO 14001, & ISO 45001

SHIRWAL, Dt. Satara. 412801, Maharashtra. Ph. No.: + 91-9112 343 343, + 91-9850 173 286

eMail : infos@saenco.in, saenconpl@gmail.com, website: www.saenco.in

Test Report For Waste Water

Company Name & Address : M/s. Galaxy Hill Paradise LLP "Nirman Aura"			
S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at.			
Village Ambegaon, Tal. Haveli, Dist. Pune.			
Inward No.	SAEN/OT/22-23/190 - II	Report No.	SAEN/TR/OT/22-23/858
Sample Received Date :	01.08.2022	Sample Location :	STP Outlet
Collected By :	Sirure Asso.	Sample Quantity:	2 liters
Sample Name :	Waste water	Date of report:	08.08.2022


Sr.No	Parameters	Result	Unit	Standard Value	Analysis Method
1	pH	7.75	NA	6.5 to 9.0	APHA 4500 H+ B
2	Total Suspended Solid	15	mg/l	20	APHA 2540 D
3	BOD at 27°C for 3 days	6.0	mg/l	10	IS 3025 (PART 44), 1993
4	COD	45.5	mg/l	50	IS 3025 (PART 58), 2006
5	NH4 N	1.6	mg/l	5	APHA 4500- NH3 B & C
6	N Total	3.24	mg/l	10	APHA 4500- NH3 C
7	Fecal Coliform	38.0	cfu/ml.	100	IS 1622: 2014

Remarks (If Any): Results are well within limit prescribed by MPCB Consent.

Note:

1. Test Report is based on above parameters.
2. SAEN will discard the sample after one month of the date of Test Report.
3. Test Results pertain only to the sample tested.
4. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
5. Laboratory Recognized by MoEFCC with Notification SO - 388 (E) dt.10.02.2017 - Under renewal.

For S A Encon Private Ltd.


Mr. Anant Nandawadekar - Technical Manager
Authorized Signatory

END OF REPORT



S A Encon Private Limited Accredited with ISO 9001, ISO 14001, & ISO 45001

SHIRWAL, Dt. Satara. 412801, Maharashtra. Ph. No.: + 91-9112 343 343, + 91-9850 173 286
eMail : infos@saenco.in, saenconpl@gmail.com, website: www.saenco.in

Test Report For Ambient Air

Company Name & Address : M/s. Galaxy Hill Paradise LLP “Nirman Aura” S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at. Village Ambegaon, Tal. Haveli, Dist. Pune.						
Inward No.		SAEN/OT/22-23/190 - III		Report No.		SAEN/TR/OT/22-23/859
Sample Received Date :		01.08.2022		Sampling Location : As Below		
Collected By :		Sirure Asso.		Sample Quantity : 2 Nos.		
Sample Name :		AAQM		Date of Report : 08.08.2022		
Locations:		Near Main Gate	Near Building			
Sr.No	Parameters	Result	Result	Unit	Standard Value / Limits	Analysis Method
1	Ambient Temperature	28.2	28.5	⁰ C	NA	Thermohygrometer
2	Relative Humidity	69.7	70.3	% RH	NA	
3	Sulphur Dioxide (SO ₂)	18.6	15.2	µg/M ³	≤ 80	CPCB Guidelines for Sampling & Analysis
4	Oxides of Nitrogen (NO ₂)	20.1	16.8	µg/M ³	≤ 80	
5	Respirable suspended particulate Matter - [RSPM-PM10]	38.6	28.6	µg/M ³	≤ 100	

Remarks (If Any): Results are within NAAQ Standard Value.

Note: NAAQS stands for National Ambient Air Quality Standards, 2009.

1. BDL - Below Detection Limit
2. Test Report is based on above parameters.
3. Test Results pertain only to the sample tested.
4. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
5. Laboratory Recognized by MoEFCC with Notification SO - 388 (E) dt.10.02.2017 - Under renewal.

For S A Encon Private Ltd.

Mr. Anant Nandawadekar - Technical Manager

Authorized Signatory

END OF REPORT



S A Encon Private Limited Accredited with ISO 9001, ISO 14001, & ISO 45001

SHIRWAL, Dt. Satara. 412801, Maharashtra. Ph. No.: + 91-9112 343 343, + 91-9850 173 286

eMail : infos@saenco.in, saenconpl@gmail.com, website: www.saenco.in

Test Report For Noise

Company Name & Address : M/s. Galaxy Hill Paradise LLP "Nirman Aura"			
S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at.			
Village Ambegaon, Tal. Haveli, Dist. Pune.			
Inward No.	SAEN/OT/22-23/190 - IV	Report No.	SAEN/TR/OT/22-23/860
Sample Received Date :	01.08.2022	Sampling Location :	As below
Collected By :	Sirure Asso.	Sample Quantity :	4 Locations
Sample Name :	Noise	Date of Report :	08.08.2022

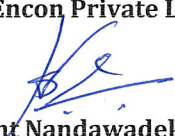
Sr.No	Monitoring Location	Result		Unit	Standard Value
		Day	Night		Day / Night
1	Near Main Gate	53.9	40.8	dB(A)	55 / 45
2	Back Side of Project Site	47.5	39.1	dB(A)	55 / 45
3	Near DG Set	52.6	39.8	dB(A)	55 / 45
4	Near Buliding	47.5	38.1	dB(A)	55 / 45

Remarks (If Any): Results are well within limit prescribed by MPCB Consent.

Note:

1. Test Report is based on above parameters.
2. Test Results pertain only to the sample tested.
3. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
4. Laboratory Recognized by MoEFCC with Notification SO - 388 (E) dt.10.02.2017 - Under renewal.

For S A Encon Private Ltd.


Mr. Anant Nandawadekar - Technical Manager
Authorized Signatory

END OF REPORT



Test Report For Stack

Company Name & Address : M/s. Galaxy Hill Paradise LLP "Nirman Aura"			
S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at Village Ambegaon, Tal. Haveli, Dist. Pune.			
Inward No.	SAEN/OT/22-23/190 - V	Report No.	SAEN/TR/OT/22-23/861
Sample Received Date :	01.08.2022	Sampling Location :	DG Stack
Collected By :	Sirure Asso.	Sample Quantity :	1
Sample Name :	Stack	Date of Report :	08.08.2022

Sr.No	Parameters	Result	Unit	Standard Value / Limits	Analysis Method
1	Test Location	DG Stack No-1	----		CPCB Guidelines LATS/80/2013-14
2	Duration Of Sampling	20	Min		
3	Stack Attached to	200 KVA	DG Set		
4	Attached To	Exhaust	----		
5	Material Of Stack	MS	----		
6	Dimensions	0.2	Meter		
7	Stack Height From roof	5.0	Meter		
8	Shape Of Stack	Round	----		
9	Flue Gas Temperature	93	^o C		
10	Type of Fuel	HSD	----		
11	Consumption of Fuel	----	Liter/hr		
12	Total Particulate Matter	38.5	mg/Nm ³	150	
13	Sulphur Dioxide	3.6	Kg/day	75	

Remarks (If Any): Results are well within limit prescribed by MPCB Consent.

Note

1. Test Report is based on above parameters.
2. SAEN will discard the sample after one month of the date of Test Report.
3. Test Results pertain only to the sample tested.
4. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
5. Laboratory Recognized by MoEFCC with Notification SO - 388 (E) dt.10.02.2017 - Under renewal.

For S A Encon Private Limited

Mr. Anant Nandawadekar - Technical Manager
Authorised Signatory

End of Report



Company Name & Address : M/s. Galaxy Hill Paradise LLP "Nirman Aura"			
S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at.			
Village Ambegaon, Tal. Haveli, Dist. Pune.			
Inward No.	SAEN/OT/22-23/407 - I	Report No.	SAEN/TR/OT/22-23/1743
Sample Received Date :	01.11.2022	Sampling Location :	Sales Office
Collected By :	Sirure Asso.	Sample Quantity :	2 liter + 200 ml.
Sample Name :	DW	Date of Report :	08.11.2022

Sr. No	Parameters	Result	Unit	Standard Value	Analysis Method
1	Turbidity	0.10	NTU	< 1.0	APHA 23 rd Edn 2017 (2130B)
2	Colour	Unobjectionable	Hazen	Agreeable	APHA 23 rd Edn 2017 (2120B)
3	Odour	Unobjectionable	--	Agreeable	IS 3025: (Part 6)
4	Taste	Agreeable	--	Agreeable	APHA 23 rd Edn 2017 (2160B)
5	pH	7.3	--	6.5-8.5	APHA 23 rd Edn 2017 4500 (H ⁺)B
6	Total Dissolved Solids	180	mg/L	< 500	APHA 23 rd Edn 2017, 2540 C
7	Chlorides as Cl ⁻	33.5	mg/L	< 250	APHA 23 rd Edn 2017, 4500-Cl B
8	Sulphate as SO ₄	26.2	mg/L	< 200	APHA 23 rd Edn 2017, 4500-SO ₄ E
9	Total Hardness as CaCO ₃	96	mg/L	< 200	APHA 23 rd Edn 2017 2340 C
10	Calcium as Ca	32	mg/L	< 75	APHA 23 rd Edn 2017, 3500-Ca B
11	Magnesium as Mg	3.88	mg/L	< 30	APHA 23 rd Edn 2017, 3500-Mg B
12	Fluoride as F ⁻	0.0	mg/L	< 1.0	APHA 23 rd Edn 2017, 4500-F ⁻ B
13	Iron as Fe	0.12	mg/L	< 0.3	APHA 23 rd Edn 2017, 3500-Fe B
14	Residual Chlorine	Absent	mg/L	< 0.2	APHA 23 rd Edn 2017, 4500-Cl B
15	Phenolic Compounds	Not Detected	mg/L	< 0.001	IS 3025: (Part 43), 1992
16	Nitrate as NO ₃	Not Detected	mg/L	< 45	APHA 23 rd Edn 2017, 4500-NO ₃ B
17	Cadmium as Cd	Not Detected	mg/L	< 0.003	IS 3025: (Part 41), 1992
18	Lead as Pb	Not Detected	mg/L	< 0.01	IS 3025: (Part 47), 1992
19	Zinc as Zn	Not Detected	mg/L	< 5	IS 3025: (Part 48), 1992
20	Chromium as Cr	Not Detected	mg/L	< 0.05	APHA 23 rd Edn 2017, 3500-Cr B
21	Copper as Cu	Not Detected	mg/L	< 0.05	IS 3025: (Part 2), 1992
22	Manganese as Mn	Not Detected	mg/L	< 0.1	IS 3025: (Part 59), 1992
23	Total Alkalinity as CaCO ₃	142	mg/L	< 200	APHA 23 rd Edn 2017, 2320 B
24	Total Coliform	Absent	cfu/ml	Absent	IS 1622: 2019
25	E-coli	Absent	cfu/ml	Absent	IS 1622: 2019

Remarks (If Any): Based on above parameters Water is Potable.

Note: Standard value as per IS 10500:2012

1. Test Report is based on above parameters.
2. SAEN will discard the sample after one month of the date of Test Report.
3. Test Results pertain only to the sample tested.
4. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
5. Laboratory Recognized by MoEFCC with Gazette ID : CG-DL-E-24082022-238350, dt.24.08.2022 - Under renewal.

For S A Encon Private Ltd.

Mr. Anant Nandawadekar - Technical Manager

Authorized Signatory

END OF REPORT



S A Encon Private Limited Accredited with ISO 9001, ISO 14001, & ISO 45001

SHIRWAL, Dt. Satara. 412801, Maharashtra. Ph. No.: + 91-9112 343 343, + 91-9850 173 286

eMail : infos@saenco.in, saenconpl@gmail.com, website: www.saenco.in

Test Report For Waste Water

Company Name & Address : M/s. Galaxy Hill Paradise LLP "Nirman Aura"			
S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at Village Ambegaon, Tal. Haveli, Dist. Pune.			
Inward No.	SAEN/OT/22-23/407 - II	Report No.	SAEN/TR/OT/22-23/1744
Sample Received Date :	01.11.2022	Sample Location :	STP Outlet
Collected By :	Sirure Asso.	Sample Quantity:	2 liters
Sample Name :	Waste water	Date of report:	08.11.2022

Sr.No	Parameters	Result	Unit	Standard Value	Analysis Method
1	pH	7.39	NA	5.5 to 9.0	APHA 4500 H+ B
2	Total Suspended Solid	13	mg/l	< 20	APHA 2540 D
3	BOD at 27°C for 3 days	5.0	mg/l	< 10	IS 3025 (PART 44), 2019
4	COD	42.3	mg/l	< 50	IS 3025 (PART 58), 2017
5	NH4 N	1.4	mg/l	< 5.0	APHA 4500- NH3 B & C
6	N Total	3.6	mg/l	< 10	APHA 4500- NH3 C
7	Fecal Coliform	45.0	/100 ml.	< 100	IS 1622: 2019

Remarks (If Any): Results are well within limit prescribed by MPCB Consent.

Note:

1. Test Report is based on above parameters.
2. SAEN will discard the sample after one month of the date of Test Report.
3. Test Results pertain only to the sample tested.
4. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
5. Laboratory Recognized by MoEFCC with Gazette ID : CG-DL-E-24082022-238350, dt.24.08.2022 - Under renewal.

For S A Encon Private Ltd.

Mr. Anant Nandawadekar - Technical Manager
Authorized Signatory

END OF REPORT



Test Report For Ambient Air

Company Name & Address : M/s. Galaxy Hill Paradise LLP “Nirman Aura” S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at. Village Ambegaon, Tal. Haveli, Dist. Pune.						
Inward No.		SAEN/OT/22-23/407 - III		Report No.		SAEN/TR/OT/22-23/1745
Sample Received Date :		01.11.2022		Sampling Location : As Below		
Collected By :		Sirure Asso.		Sample Quantity :		2 Nos.
Sample Name :		AAQM		Date of Report :		08.11.2022
Locations:		Near Main Gate	Near Building			
Sr.No	Parameters	Result	Result	Unit	Standard Value / Limits	Analysis Method
1	Ambient Temperature	29	28.9	⁰ C	NA	Thermohygrometer
2	Relative Humidity	70.3	70.5	% RH	NA	
3	Sulphur Dioxide (SO ₂)	17.2	14.9	µg/m ³	≤ 80	CPCB Guidelines for Sampling & Analysis
4	Oxides of Nitrogen (NO ₂)	19.6	16.5	µg/m ³	≤ 80	
5	Respirable suspended particulate Matter - [RSPM-PM10]	40.1	31.3	µg/m ³	≤ 100	

Remarks (If Any): Results are within NAAQ Standard Value.

Note: NAAQS stands for National Ambient Air Quality Standards, 2009.

1. BDL - Below Detection Limit
2. Test Report is based on above parameters.
3. Test Results pertain only to the sample tested.
4. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
5. Laboratory Recognized by MoEFCC with Gazette ID : CG-DL-E-24082022-238350, dt.24.08.2022 - Under renewal.

For S A Encon Private Ltd.

Mr. Anant Nandawadekar - Technical Manager

Authorized Signatory

END OF REPORT



Test Report For Noise

Company Name & Address : M/s. Galaxy Hill Paradise LLP "Nirman Aura"			
S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at Village Ambegaon, Tal. Haveli, Dist. Pune.			
Inward No.	SAEN/OT/22-23/407 - IV	Report No.	SAEN/TR/OT/22-23/1746
Sample Received Date :	01.11.2022	Sampling Location :	As below
Collected By :	Sirure Asso.	Sample Quantity :	4 Locations
Sample Name :	Noise	Date of Report :	08.11.2022


Sr.No	Monitoring Location	Result		Unit	Standard Value
		Day	Night		Day / Night
1	Near Main Gate	52.1	40.9	dB(A)	55 / 45
2	Back Side of Project Site	47.4	39.6	dB(A)	55 / 45
3	Near DG Set	53.2	40.1	dB(A)	55 / 45
4	Near Buliding	48.6	36.9	dB(A)	55 / 45

Remarks (If Any): Above results are within limits prescribed by THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000 for Residential Area.

Note:

1. Test Report is based on above parameters.
2. Test Results pertain only to the sample tested.
3. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
4. Laboratory Recognized by MoEFCC with Gazette ID : CG-DL-E-24082022-238350, dt.24.08.2022 - Under renewal.

For S A Encon Private Ltd.


Mr. Anant Nandawadekar - Technical Manager
Authorized Signatory

END OF REPORT



Test Report For Stack

Company Name & Address : M/s. Galaxy Hill Paradise LLP "Nirman Aura" S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at. Village Ambegaon, Tal. Haveli, Dist. Pune.					
Inward No.	SAEN/OT/22-23/407 - V	Report No.	SAEN/TR/OT/22-23/1747		
Sample Received Date :	01.11.2022	Sampling Location :	DG Stack		
Collected By :	Sirure Asso.	Sample Quantity :	1		
Sample Name :	Stack	Date of Report :	08.11.2022		


Sr.No	Parameters	Result	Unit	Standard Value / Limits	Analysis Method
1	Test Location	DG Stack No-1	----		
2	Duration Of Sampling	20	Min		
3	Stack Attached to	140 KVA	DG Set		
4	Attached To	Exhaust	----		
5	Material Of Stack	MS	----		
6	Dimensions	0.2	Meter		
7	Stack Height From roof	3.0	Meter		
8	Shape Of Stack	Round	----		
9	Flue Gas Temperature	89	°C		
10	Type of Fuel	HSD	----		
11	Consumption of Fuel	----	Liter/hr		
12	Total Particulate Matter	36.9	mg/Nm ³	150	
13	Sulphur Dioxide	0.16	Kg/day	0.56	

Remarks (If Any): Results are well within limit prescribed by MPCB Consent.

Note

1. Test Report is based on above parameters.
2. SAEN will discard the sample after one month of the date of Test Report.
3. Test Results pertain only to the sample tested.
4. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
5. Laboratory Recognized by MoEFCC with Gazette ID : CG-DL-E-24082022-238350, dt.24.08.2022 - Under renewal.

For S A Encon Private Limited


Mr. Anant Nandawadekar - Technical Manager
Authorised Signatory

End of Report



ANNEXURE – I – Project Details**1.1 Name and address of the project proposed:**

The project proposed by M/s. Galaxy Hill Paradise LLP is Construction Project “Nirman Aura” at S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at. Village Ambegaon, Tal. Haveli, Dist. Pune.

1.2 Project Proposal: Residential building proposed project have following features:

Sr. No.	Description	Details
1	Project Name	Nirman Aura
2	Type of project	Housing Project
3	Project Proponent	M/s. Galaxy Hill Paradise LLP
4	Location	S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at. Village Ambegaon, Tal. Haveli, Dist. Pune.
5	Total Plot area	11100.00 Sq. Mt.
6	Total Built up Area (As per FSI & Non-FSI)	30166.03 Sq. Mt.
7	Project Cost	Rs. 40.00 Crores
9	Water Requirement	230.99 CMD.
10	Wastewater generated	193.79 CMD.
	STP Capacity	200 CMD.
	Solid Waste Generation	Bio-degradable Waste – 496 Kg/Day. Non Bio- degradable Waste – 319 Kg/Day. STP Sludge – 17 Kg/Day.

SEWAGE TREATMENT PLANT:

- Sewage will generate mainly by washing, cleaning, flushing (washroom) and from the kitchen.
- This sewage will be treated within project premises.
- Quantity of waste water will be 193.79 m³/day.
- A STP of 200 CMD capacity will be provided at site for treating waste water.

SOLID WASTE GENERATION:**QUANTITY OF SOLID WASTES GENERATED:**

The solid waste will be generated at the proposed site includes:

- **During construction Phase:**
 - Normal debris, waste concrete, excavation soil, broken bricks, waste plaster etc. will be generated.
 - Metallic waste, wood, and oil also generated.
 - Food waste and other bio-degradable waste will be generated from the labour.
- **During operational phase:**
 - The solid waste will be generated at the proposed site includes paper, plastics bags, garbage, rubbish, glass etc.
 - The solid waste will be collected in the garbage bins located within the project premises.
 - The collection of the waste will be done by the proper way.
- Total quantity of solid waste generated will be: 815 Kg/day.

SOLID WASTE DISPOSAL METHOD:

- Dry waste will be handed over to authorize Vendor.
- OWC.

Environmental Management Plan

Sr. No.	Environmental Component	Potential Impacts	Potential source of Impact	Controls though EMP and Design	Impact Evaluation
1.	Water	Water contamination	<u>Construction Phase</u> Domestic waste water from workers	Septic tank will be provided and disposed into municipal sewer	No adverse impact
			Surface runoff from site.	Silt traps and diversion ditches will be constructed to control surface run off.	No adverse impact
			<u>Operation phase</u> Discharge of domestic wastewater.	Generated sewage will be transferred to STP for its treatment of 200 CMD capacity.	No adverse impact
			Surface runoff from site	Rain water harvesting – ground water recharging will be done through percolation pits thereby prevent run off and facilitate water percolation.	Positive impact.
2.	Air Quality	Dust Emission	<u>Construction Phase</u> Construction activities	<ul style="list-style-type: none"> Dust mask will be provided to prevent worker exposure of dust. Barricading the site periphery by tin sheets. Sprinkling of water will be done for dust suppression. 	Temporary & insignificant impact.
		Gaseous emissions of pollutants i.e. SPM,	Construction equipment's and vehicular movement.	<ul style="list-style-type: none"> Periodic maintenance of construction equipment's will be 	Temporary & insignificant

Sr. No.	Environmental Component	Potential Impacts	Potential source of Impact	Controls though EMP and Design	Impact Evaluation
		SO ₂ , NO _x and HC		done. <ul style="list-style-type: none"> Heavy vehicle must be checked for PUC certificate. 	impact.
		Gaseous emissions of SPM, SO ₂ , NO _x and HC.	<u>Operation Phase</u> DG Set	Applicable height of stack is given. Also it is operated only during absence of the normal electricity.	No significant impact
			Emissions from vehicular traffic.	<ul style="list-style-type: none"> Adequate wide approach road is proposed for smooth vehicular movement. Road side plantation will further act as sink to gaseous emission. 	No significant impact
3.	Noise	Increase in noise level.	<u>Construction Phase</u> Operation of construction equipment's and vehicular movement.	Use of well-maintained equipment fitted with silencers.	No significant impact.
				Providing noise shields near the heavy construction operations.	
				Noisy operations will be limited to day time only.	
				Ear plug and muffs will be provided to workers.	
			<u>Operation Phase</u> Vehicles movement	Wide road and ample parking space will be provided to reduce vehicular noise	No significant impact
			D.G. sets operations	No significant noise pollution.	No impact.

Sr. No.	Environmental Component	Potential Impacts	Potential source of Impact	Controls though EMP and Design	Impact Evaluation
4.	Land	Land contamination by construction debris and solid waste.	<u>Construction Phase</u> Disposal of construction debris & solid waste.	<ul style="list-style-type: none"> Construction debris will be collected and used for levelling the site. Solid waste from labours use will be collected in collection bins and disposed off to approved municipal landfill site. 	No significant impact.
			Excavated soil	Top soil will be used for landscaping	No significant impact.
			Metallic waste	Metallic waste will be sold to vendors for reprocessing	No significant Impact.
			<u>Operation Phase</u> Municipal solid waste like rubbish, paper, plastic garbage etc.	Efficient solid waste collection and storage facility is proposed.	No significant impact
				Segregation of waste as biodegradable and non biodegradable waste will be done.	Compost material will be used as manure in landscaping.
				Biodegradable waste will be treated by vermin composting while non biodegradable waste will be given to approved vendors for disposal.	
5.	Ecology	No significant Impact	<u>Construction Phase</u> <ul style="list-style-type: none"> Site Development during 	<ul style="list-style-type: none"> There is a plain terrain 	<ul style="list-style-type: none"> --

Sr. No.	Environmental Component	Potential Impacts	Potential source of Impact	Controls though EMP and Design	Impact Evaluation
			construction		
			<u>Operational Phase</u> • Increase of green cover	• Suitable green belt will be developed as per landscaping plan at site.	•
6.	Traffic Pattern	Increase of vehicular movements	<u>Construction Phase</u> • Heavy Vehicular movement at site	• Heavy Vehicular movement will be restricted to daytime only and adequate parking facility will be provided.	--
			<u>Operational Phase</u> • Traffic due to commercial once the site is operational	• Vehicular movement will be regulated inside the site with adequate roads and parking.	
7.	Socio-Economic	Increase in Job opportunities	<u>Construction Phase</u> • Job opportunities for the local residents	--	

Annexure – II**Allocation made for Environmental Management Plans****A) CONSTRUCTION PHASE (With break Up)**

Sr. No.	Attributes	Parameter	Total Cost per annum (Rs. Lakhs)
1.	Water for Construction & Labour	Water Requirement	1.0
2.	Site Sanitation & Safety	Health & Safety	1.2
3.	Environmental Monitoring	Pollution Monitoring & Control	1.8
4.	Disinfection	Health & Safety	0.5
5.	Health check up of Labour	Health & Safety	0.5
	TOTAL		5

B) OPERATION PHASE (With Break Up)

Sr. No.	Component	Description	Capital Cost (Rs. Lakhs)	Operation & maintenance Cost (Rs. Lakh/Year)
1.	Rain Water Harvesting	RWH Pits	2.0	0.12
2.	Sewage Treatment Plant	Waste Water Management	46.5	7.08
3.	Organic Waste Composting	Solid Waste Management	9.8	2.3
4.	Tree Plantation	Landscape Development	7.0	2.0
5.	Energy Saving	Energy Conservation	50.98	1.55
6.	Environmental Monitoring	Pollution Control	0.00	1.80
	TOTAL		116.28	14.85

PROJECT STATUS REPORT
BACKGROUND

EC No.	:	SEIAA-STATEMENT-0000002609)SEIAA-MINUTES-0000003352SEIAA-EC-0000002348, dated 10 th November 2020.
Project Name	:	Nirman Aura
Project location	:	S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1 at. Village Ambegaon, Tal. Haveli, Dist. Pune.
Developer name	:	M/s. Galaxy Hill Paradise LLP
Developer address	:	Sr.No.205, Citi Center, Opp. Ayurved Rasashala, Karve Road, Dist -Pune – 411004.

Status Updated On : 19-12-22

Activity Phase of project : Phase-I & Phase-II

Excavation details : 100 % excavation is completed.

CONSTRUCTION DETAILS

Sr. No	Particulars	Current status of Work
1	A	Plaster Work of 9 th floor is in progress.
	B	100% work is completed.
2.	Club House	100% work is completed.
3.	Lighting	100% work is completed of B Building.
4.	Gardening/Landscape	100% work is completed.
5.	STP	100% work is completed.
6.	RWH	100% work is completed.
7.	Internal Roads	100% work is completed of B Building.
8.	Solid Waste Management	100% work is completed.
9.	Plumbing	100% work is completed of B Building. A Building work in progress

Place - Ambegaon, PUNE

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24044532/4024068/4023516
Website: <http://mpcb.gov.in>
Email: jdwater@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/JD (WPC)/UAN No.0000123582/CE/2205001170

Date: 19/05/2022

To,

M/s. Galaxy Hill Paradise LLP,
"Nirman Aura"

S.No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1,
2/5/1/6, 2/5/1/1.

At Ambegaon(BK), Tal Haveli, Dist Pune



Your Service is Our Duty

Sub: Revalidation of Consent to Establish with expansion for Residential Construction project under Red Category

Ref: Consent to Establish granted vide No Format1.0/ROHQ/PN-26370-15/
CE/CC-4344 dtd 29.03.2016

Your application NO. MPCB-CONSENT-0000123582

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

- The consent to establish is granted for period upto commissioning of the project or 29.03.2026 whichever is earlier**
- The capital investment of the project is Rs.41.50 Cr. (As per C.A Certificate submitted by industry).**
- The Consent to Establish-Revalidation with expansion is valid for residential construction project named as M/s. Galaxy Hill Paradise LLP, Nirman Aura, S. No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6, 2/5/1/1, Ambegaon (Bk), Tal Haveli, Dist Pune on Total Plot Area of 11100 SqMtrs for proposed total construction BUA of 29237.41 SqMtrs as per specific condition of EC granted dated 10.11.2020 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environmental Clearance dtd 24.03.2015	10500.00	18900.00
2	Consent to Establish dtd 29.03.2016	10500.00	21375.14
3	Environmental Clearance dtd 10.11.2020	11100.00	29237.41

- Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	209.18	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set-140 KVA	01	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet Waste	497 Kg/Day	OWC and Composting/Biogas Digester with Composing	Used as manure
2	Dry Waste	331 Kg/Day	Segregation	By Sale
3	STP Sludge	20.9 Kg/Day	Dewatering	Used as manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	50	Ltr/A	Reprocessing	To Authorized Reprocessor

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
- Project Proponent shall provide the Organic waste digester with composting facility or biodigester with composting facility effectively
- Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
- The project proponent shall make provision of charging of electric vehicles in atleast 40 % of total available parking area.
- The Project proponent shall submit bank Guarantee of Rs 4.150 Lakhs (0.1 % of Capital Investment). The same shall be forfeited as PP has not obtained revalidation of consent to establish dtd 29.03.2016 and completed part construction, thus violated the consent conditions.
- The Project proponent shall submit Board Resolution in prescribed format within 15 days as PP has not obtained revalidation of consent to establish dtd 29.03.2016, and completed part construction, thus violated the consent conditions. PP shall submit Bank guarantee of Rs 2.0 lakhs towards submission of Board Resolution.

16. The Project Proponent shall comply with the Environmental Clearance obtained vide No SEIAA-EC-0000002348 dtd 10.11.2020 for expansion in housing construction project having plot area of 11100 Sq. Mtr and proposed total construction BUA of 29237.41 SqM as per specific condition

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	75000.00	MPCB-DR-9987	25/01/2022	NEFT

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune II
 - They are directed to ensure the compliance of the consent conditions.
 - They are directed to obtain & forfeit the bank guarantee of Rs 4.150 Lakhs from the Project Proponent
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to provide Sewage Treatment Plant (STP) with design capacity of 210 CMD based on MBBR
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
1	pH	5.5-9.0
2	BOD	10
3	COD	50
4	TSS	20
5	NH4 N	5
6	N-total	10
7	Fecal Coliform	less than 100

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	239.09
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) **As per your application, you have proposed to provide the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-**

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	DG Set-140 kVA	Acoustic Enclosure	3.00	HSD 28 Ltr/Hr	1	SO ₂	0.56 Kg/Day

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm ³
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to E (Revalidation)	Rs 10 Lakhs	15 Days	Towards compliance of consent conditions and Operation & Maintenance of Pollution Control Systems	upto commissioning of the project	upto commissioning of the project
2	C to E (Revalidation)	Rs 2 Lakhs	15 Days	Towards submission of Board Resolution	upto commissioning of the project	upto commissioning of the project
3	C to E (Revalidation)	Rs 4.150 Lakhs	15 Days	Towards Compliance of Consent Conditions	upto commissioning of the project	upto commissioning of the project

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.
Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
1	C to E (Revalidation)	Rs 4.150 Lakhs	15 Days	Towards Compliance of Consent Conditions	Rs 4.150 Lakhs	violation of consent condition

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

Conditions during construction phase

A	During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.
B	During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.
C	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.

- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

This certificate is digitally & electronically signed.



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24044532/4024068/4023516
Website: <http://mpcb.gov.in>
Email: jdwater@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/JD (WPC)/UAN No.0000116324/CO/2207001617

Date: 29/07/2022

To,
M/s. Galaxy Hill Paradise LLP,
"Nirman Aura" S.No. 2/5/1/4, 2/5/1/5,
2/5/1/5/1, 2/5/1/6/, 2/5/1/1. At
Ambegaon(BK), Tal Haveli, Dist Pune



Your Service is Our Duty

Sub: Consent to Operate (Part-I) for Construction of Residential project under Red Category.

- Ref:**
1. Consent to Establish granted vide No Format1.0/ROHQ/PN-26370-15/CE/CC-4344 dtd 29.03.2016
 2. Consent to Establish (Revalidation) granted vide No Format 1.0/JD(WPC)/UAN No 0000123582/CE/2205001170 dtd 19.05.2022

Your application NO. MPCB-CONSENT-0000116324

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. **The consent to operate(part-I) is granted for period upto 31.10.2024**
2. **The capital investment of the project is Rs.36 Cr (Total CI Rs 41.50 Cr) Cr. (As per C.A Certificate submitted by industry).**
3. **The Consent to Operate(part-I) is valid for Construction of Residential project named as M/s. Galaxy Hill Paradise LLP,"Nirman Aura", S.No. 2/5/1/4, 2/5/1/5, 2/5/1/5/1, 2/5/1/6/, 2/5/1/1.,At Ambegaon(BK), Tal Haveli, Dist Pune on Total Plot Area of 11100.0 SqMtrs for construction BUA of 14025.60 SqMtrs out of Total Construction BUA of 29237.41 SqMtrs as per specific condition of EC granted dated 10.11.2020 including utilities and services.**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environmental Clearance dtd 24.03.2015	10500.00	18900.00
2	Consent to Establish dtd 29.03.2016	10500.00	21375.14
3	Environmental Clearance dtd 10.11.2020	11100.00	29237.41
4	Consent to Establish(Revalidation) dtd 19.05.2022	11100.00	29237.41

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	75	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S -1	DG Set-200 KVA	01	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet Waste	102 Kg/Day	OWC and Composting/Biogas Digester with Composing	Used as manure
2	Dry Waste	95 Kg/Day	Segregation	By Sale
3	STP Sludge	2 Kg/Day	Dewatering	Used as manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	50	Ltr/A	Reprocessing	To Authorized Reprocessor

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
11. Project Proponent shall operate the Organic waste digester with composting facility or biodigester with composting facility effectively
12. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
13. The project proponent shall make provision of charging of electric vehicles in atleast 40 % of total available parking area.
14. The Project Proponent shall comply with the Environmental Clearance obtained vide No SEIAA-EC-0000002348 dtd 10.11.2020 for construction project having total plot area of 11100 Sqm and total construction BUA of 29237.41 Sqm as per specific condition of EC.

15. The Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding compliance of Consent to Operate & Environmental Clearance.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	150000.00	MPCB-DR-6678	01/07/2021	NEFT
2	114041.00	TXN2207003063	27/07/2022	Online Payment

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune II
- They are directed to ensure the compliance of the consent conditions.
-
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided Sewage Treatment Plant (STP) with design capacity of 150 CMD based on MBBR
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
1	pH	5.5-9.0
2	BOD	10
3	COD	50
4	TSS	20
5	NH4 N	5
6	N-total	10
7	Fecal Coliform	less than 100

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	96.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) **As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) and to observe the following fuel pattern-**

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S -1	DG Set-140 kVA	Acoustic Enclosure	3.00	HSD 28 Ltr/Hr	1	00	0.56 Kg/Day

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm ³
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Operate(1st Part)	Rs 10 Lakhs	15 Days	Towards compliance of consent conditions and Operation & Maintenance of Pollution Control Systems	30.11.2024	31.03.2025

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

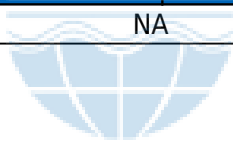
Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



SCHEDULE-IV

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.

- 11 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

This certificate is digitally & electronically signed.

