

**HALF YEARLY POST ENVIRONMENTAL  
MONITORING REPORT**

OF

**REDEVELOPMENT PROJECT**

For

**April, 2025 – September, 2025**

Developer

**M/s. SHODEN DEVELOPERS PRIVATE  
LIMITED**

CTS No. 1790 to 1811, 1813 and 1815 (Ne CTS No. 1773, 1790/  
A, 1813 and 1815) of Village Chembur and CTS No. 131,133 to  
140 (New CTS No. 131/A) of village Wadwali,

Prepared by

**ENVIRO ANALYSTS & ENGINEERS P. LTD.,**



# ENVIRO ANALYSTS & ENGINEERS PVT. LTD.

(NABET & NABL Accredited)

CIN No-U28900MH1995PTC093129 | GST NO- 27AAACE6597R1ZP

Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107



TC-11189

## TEST REPORT

Report No. - EAEPL/A/07/25/01611		Report Date - 30.07.2025	
ULR Number: TC1118925000001611F		Reference - WO DTD 27.02.2023	
Name of Customer	M/s. Hiranandani Construction Pvt. Ltd		
Site Address	'Maitri Park' at CTSN-1790 to 1811,1813, and 1815 of Village Chembur and CTS No. 131, 133 to 140 of Village Wadwali, Mumbai.		
Nature and Description of Sample	Ambient Air	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/A/07/25/01611 (Near Main Gate at Site)	Sample quantity and packing	PM <sub>10</sub> = 1 * 1 No. Filter paper. PM <sub>2.5</sub> = 1 * 1 No. Filter paper. SO <sub>2</sub> = 30ml * 2 No. PVC bottle. NO <sub>2</sub> = 30ml * 2 No. PVC bottle.
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	22.07.2025	Date of Receipt	23.07.2025
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	23.07.2025 to 25.07.2025		
Report for the month	JULY, 2025		

Discipline: Chemical

Group: Atmospheric Pollution

Environmental Conditions				
Ambient Air Temperature (°C)		Relative Humidity (%)		Duration of Monitoring
30°C		61%		8 Hours
RESULTS				
Test Parameters	UNIT	Results	NAAQS LIMITS	METHOD
Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	72.99	100	IS 5182 (Part 23) 2006 Reaffirmed 2022
Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	38.70	60	IS 5182 (Part 24) 2019 Reaffirmed 2024
Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	8.68	80	IS 5182 Part 2 (2001) Sec 1:2023
Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	11.42	80	IS 5182 Part 6 (2006) Reaffirmed 2022

Remark: All the measured values are within limits for above the tested parameters only.

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)  
(Shweta Sonawane)

Approved by

Authorized Signatory  
(Shilpa Dhamankar)

- Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).  
2. This report is not to be reproduced except in full, without written approval of the laboratory.

End of Report

Mumbai (HO): B-1003, Enviro House, 10th Flr, Western Edge II, W.E. Highway, Borivali East, Mumbai - 400066

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CIN No-U28900MH1995PTC093129 | GST NO- 27AAACE6597R1ZP



TC-11189

Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107

## TEST REPORT

<b>Report No. - EAEPL/W/07/25/01613</b>		<b>Report Date - 30.07.2025</b>	
<b>ULR Number: TC1118925000001613F</b>			
<b>Name of Customer</b>	<b>M/s. Hiranandani Construction Pvt. Ltd</b>		<b>Reference - WO DTD</b> 27.02.2023
<b>Site Address</b>	'Maitri Park' at CTSN-1790 to 1811,1813, and 1815 of Village Chembur and CTS No. 131, 133 to 140 of Village Wadwali, Mumbai.		
<b>Nature and Description of Sample</b>	Tanker Water Sample	<b>Sample Collected by</b>	EAEPL Laboratory
<b>Sampling locations and Sample Code</b>	EAEPL/W/07/25/01613 (Near Back Site at Site)	<b>Sample quantity and packing</b>	2 L X 1 No. PVC Can
		<b>Sample Preservation</b>	Cool -Transported and stored at 5°C (± 1°C).
<b>Date of Sampling</b>	23.07.2025	<b>Date of Receipt</b>	23.07.2025
<b>Sampling Procedure</b>	EAEPL/LAB/SOP/02		
<b>Period of Analysis</b>	23.07.2025 to 30.07.2025		
<b>Report for the month</b>	JULY, 2025		

Discipline: Chemical

Group: Water

Parameters	Unit	Results	Method
pH	-	8.65	IS 3025 (Part 11) 2022
Turbidity	NTU	< 1.0	IS 3025 (Part 10) 2023
TDS	mg/L	334.01	IS 3025 (Part 16) 2023
Alkalinity	mg/L	153.0	IS 3025 (Part 23) 2023
Chlorides as Cl	mg/L	48.67	IS 3025 (Part 32) 1988 Reaffirmed 2019
Total Hardness	mg/L	227.85	IS 3025 (Part 21) 2009 Reaffirmed 2023
Calcium	mg/L	50.50	IS 3025 (Part 40) 2024
Residual chlorine	mg/L	ND	IS 3025 (Part 26) 2021
Sulphate	mg/L	35.81	IS 3025 (Part 24) Sec 1: 2022
Nitrate	mg/L	1.19	APHA 4500-NO3 B (24th Edition)
Fluoride	mg/L	< LOQ (0.25)	APHA 4500 F-D (24th Edition)
<b>Heavy Metals:</b>			
Iron (Fe)	mg/L	0.08	IS 3025 (Part 2) 2019 Reaffirmed:2023
Copper (Cu)	mg/L	< LOQ (0.02)	IS 3025 (Part 2) 2019 Reaffirmed:2023
Zinc (Zn)	mg/L	< LOQ (0.02)	IS 3025 (Part 2) 2019 Reaffirmed:2023
Lcad (Pb)	mg/L	< LOQ (0.02)	IS 3025 (Part 2) 2019 Reaffirmed:2023
Chromium (Cr)	mg/L	< LOQ (0.02)	IS 3025 (Part 2) 2019 Reaffirmed:2023

Note: LOQ - Limit of Quantification / ND - Not Detected

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

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(QM/DM)

(Shweta Sonawane)

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(Shilpa Dhamankar)

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TC-11189

Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107

## TEST REPORT

Report No. - EAEPL/W/07/25/01613		Report Date - 30.07.2025	
ULR Number: TC1118925000001613F		Reference - WO DTD 27.02.2023	
Name of Customer	M/s. Hiranandani Construction Pvt. Ltd		Reference - WO DTD 27.02.2023
Site Address	'Maitri Park' at CTSN-1790 to 1811,1813, and 1815 of Village Chembur and CTS No. 131, 133 to 140 of Village Wadwali, Mumbai.		
Nature and Description of Sample	Tanker Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/07/25/01613 (Near Back Site at Site)	Sample quantity and packing	250ml X 1 No. St. PP. Bottle
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	23.07.2025	Date of Receipt	23.07.2025
Sampling Procedure	EAEPL/LAB/MB/SOP/17		
Period of Analysis	23.07.2025 to 28.07.2025		
Report for the month	JULY, 2025		

Discipline: Biological

Group: Water

Parameters	Unit	Results	Method
<b>Microbiological Analysis:</b>			
Coliforms	MPN/100ml	1600	IS 1622:1981 (Reaffirmed 2019)
<i>E. coli</i>	MPN/100ml	1600	IS 1622:1981 (Reaffirmed 2019)

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

  
Authorized Signatory  
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TC-11189

Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107

## TEST REPORT

<b>Report No. - EAEPL/S/07/25/01614</b>		<b>Report Date - 30.07.2025</b>	
<b>ULR Number: TC111892500001614F</b>			
<b>Name of Customer</b>	<b>M/s. Hiranandani Construction Pvt. Ltd</b>	<b>Reference – WO DTD</b>	
<b>Site Address</b>	'Maitri Park' at CTSN-1790 to 1811,1813, and 1815 of Village Chembur and CTS No. 131, 133 to 140 of Village Wadwali, Mumbai.	27.02.2023	
<b>Nature and Description of Sample</b>	Soil	<b>Sample Collected by</b>	EAEPL Laboratory
<b>Sampling locations and Sample Code</b>	EAEPL/S/07/25/01614 (Near Site office at Site)	<b>Sample quantity and packing</b>	1000gm X 1 Zip lock bag
<b>Date of Sampling</b>	23.07.2025	<b>Sample Preservation</b>	Transported & stored in dry area.
<b>Sampling Procedure</b>	EAEPL/LAB/SOP/03	<b>Date of Receipt</b>	23.07.2025
<b>Period of Analysis</b>	23.07.2025 to 30.07.2025		
<b>Report for the month</b>	JULY, 2025		

Discipline: Chemical

Group: Soil & Rock

Parameters	Unit	Results	Method
pH	--	8.31	IS 2720 (Part 26):1987, Reaffirmed:2021
Electrical Conductivity	µS/cm	922.00	IS 14767:2000, Reaffirmed:2021
Soil Moisture	%	25.78	IS 2720 (Part 02):1973 (Reaffirmed 2020) Oven drying method
Water Holding Capacity	%	33.71	EAEPL/LAB/SOP/SOIL/10
Organic Matter	%	2.58	IS 2720 (Part 22) – 1972 (Reaffirmed 2020)
Chlorides as Cl	mg/kg	110.63	EAEPL/LAB/SOP/SOIL/03
Total Kjeldhal Nitrogen	mg/kg	597.94	IS 14684:1999 (Reaffirmed 2019)
Calcium	mg/kg	2366.78	EAEPL/LAB/SOP/SOIL/18
Magnesium	mg/kg	205.40	EAEPL/LAB/SOP/SOIL/14
Sulphate	mg/kg	37.90	IS 2720 (Part 27):1977 (Reaffirmed 2020)
Available Phosphorus	mg/kg	1.58	EAEPL/LAB/SOP/SOIL/11
Sodium (Na)	mg/kg	417.32	EPA 3050B
Potassium (K)	mg/kg	695.54	EPA 3050B
Copper (Cu)	mg/kg	112.21	EPA 3050B
Iron (Fe)	mg/kg	73773.53	EPA 3050B
Lead (Pb)	mg/kg	5.56	EPA 3050B
Zinc (Zn)	mg/kg	100.16	EPA 3050B

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(Q/M/DM)

(Shweta Sonawane)

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TC-11189

Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107

## TEST REPORT

Report No. - EAEPL/N/07/25/01612		Report Date - 30.07.2025	
ULR Number: TC111892500001612F		Reference - WO DTD 27.02.2023	
Name of Customer	M/s. Hiranandani Construction Pvt. Ltd		Reference - WO DTD 27.02.2023
Site Address	'Maitri Park' at CTSN-1790 to 1811,1813, and 1815 of Village Chembur and CTS No. 131, 133 to 140 of Village Wadwali, Mumbai.		
Nature and Description of Sample	Ambient Noise	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/N/07/25/01612	Sample quantity and packing	Not Applicable
Date of Sampling	22.07.2025	Date of Receipt	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	JULY, 2025		

Discipline: Chemical

Group: Atmospheric Pollution

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Main Gate at Site	dB(A) Leq.	54.7	44.6	55	45
Near Back Side at Site	dB(A) Leq.	54.2	43.7	55	45
Near Centre Side at Site	dB(A) Leq.	53.1	42.8	55	45
Near Site office at Site	dB(A) Leq.	51.4	41.6	55	45

Remark: The noise level was observed to be within CPCB limit at all locations.

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

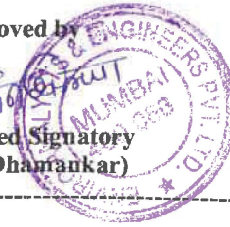
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TC-11189

## TEST REPORT

<b>Report No. - EAEPL/WW/07/25/01615</b>		<b>Report Date - 30.07.2025</b>	
<b>ULR Number: TC111892500001615F</b>			
<b>Name of Customer</b>	<b>M/s. Hiranandani Construction Pvt. Ltd</b>	<b>Reference – WO DTD</b>	
<b>Site Address</b>	'Maitri Park' at CTSN-1790 to 1811,1813, and 1815 of Village Chembur and CTS No. 131, 133 to 140 of Village Wadwali, Mumbai.	27.02.2023	
<b>Nature and Description of Sample</b>	STP Water	<b>Sample Collected by</b>	EAEPL Laboratory
<b>Sampling locations and Sample Code</b>	STP Inlet EAEPL/WW/07/25/01615	<b>Sample quantity and packing</b>	1 L* 1 No. PVC Can. 1L * 1 No. Glass Bottle
		<b>Preservation</b>	Cool -Transported and stored at 5°C (± 1°C)
<b>Date of Sampling</b>	23.07.2025	<b>Date of Receipt</b>	23.07.2025
<b>Sampling Procedure</b>	EAEPL/LAB/SOP/02		
<b>Period of Analysis</b>	23.07.2025 to 30.07.2025		
<b>Report for the month</b>	JULY, 2025		

Discipline: Chemical

Group: Pollution & Environment

Parameters	Unit	Results	Method
pH	-	7.25	IS 3025 (Part 11) 2022
Total Dissolved Solids	mg / l	632.0	IS 3025 (Part 16) 2023
Total Suspended Solids	mg / l	74.0	IS 3025 (Part 17) 2022
Chemical Oxygen Demand	mg / l	419.51	IS 3025 (Part 58) 2023
Biochemical Oxygen Demand (27°C for 3 Days)	mg / l	150.0	IS 3025 (Part 44) 2023
Oil & Grease	mg / l	3.2	IS 3025 (Part 39) 2021

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

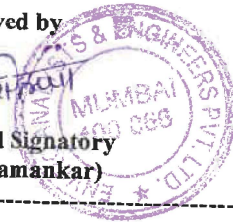
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## TEST REPORT

<b>Report No. - EAEPL/WW/07/25/01616</b>		<b>Report Date - 30.07.2025</b>	
<b>U/LR Number: TC1118925000001616F</b>			
<b>Name of Customer</b>	<b>M/s. Hiranandani Construction Pvt. Ltd</b>		<b>Reference - WO DTD</b>
<b>Site Address</b>	‘Maitri Park’ at CTSN-1790 to 1811,1813, and 1815 of Village Chembur and CTS No. 131, 133 to 140 of Village Wadwali, Mumbai.		27.02.2023
<b>Nature and Description of Sample</b>	STP Water	<b>Sample Collected by</b>	EAEPL Laboratory
<b>Sampling locations and Sample Code</b>	STP Outlet EAEPL/WW/07/25/01616	<b>Sample quantity and packing</b>	1 L* 1 No. PVC Can 1 L* 1 No. Glass Bottle
		<b>Preservation</b>	Cool -Transported and stored at 5°C (± 1°C)
<b>Date of Sampling</b>	23.07.2025	<b>Date of Receipt</b>	23.07.2025
<b>Sampling Procedure</b>	EAEPL/LAB/SOP/02		
<b>Period of Analysis</b>	23.07.2025 to 30.07.2025		
<b>Report for the month</b>	JULY, 2025		

**Discipline: Chemical**
**Group: Pollution & Environment**

Parameters	Unit	Results	Limits	Method
pH	-	7.68	6.5 to 9.0	IS 3025 (Part 11) 2022
Total Dissolved Solids	mg / l	182.0	-	IS 3025 (Part 16) 2023
Total Suspended Solids	mg / l	14.0	Not more than 20	IS 3025 (Part 17) 2022
Chemical Oxygen Demand	mg / l	19.51	Not more than 50	IS 3025 (Part 58) 2023
Biochemical Oxygen Demand (27°C for 3 Days)	mg / l	8.15	Not more than 10	IS 3025 (Part 44) 2023
Oil & Grease	mg / l	< 1.0	Not more than 10	IS 3025 (Part 39) 2021

**For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,**
**Reviewed by**


(QM/DM)

(Shweta Sonawane)

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