

## TEST REPORT



ULR No. : TC747722000002483F		Test Report No. : EL220422NW002	
Type of Sample : Water (Ground Water)		Date of Reporting : 28/04/2022	
Customer	Group Housing Project "Green Lotus Utsav" By M/s Maya Estate at Vill. Chatt, Teh. Zirakpur, Distt. SAS Nagar, Punjab	Work Order No. & Date	EL/GLU/TEL/3249 Dt.: 14/04/2022
		Customer reference No. (If any)	NA
Sampling Protocol	IS:3025 (P-1) 1987 RA 2019	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	22/04/2022	Date of Receipt of Sample	22/04/2022
Sampling Location	Borewell Near Sales Office	Testing Location	Permanent Facility
Testing Protocol	IS:10500-2012 (IInd Revision)	Period of Analysis	22/04/2022 To 28/04/2022
Sample Description	Clear colourless liquid.		
Packing, Markings, Seal & Qty.	2 litre Plastic & 250ml Glass Bottle Marked 'P/22/04'		

## RESULTS

### I -Chemical Testing

#### 1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour	Colour Units	BDL(DL5)	5	15	IS: 3025 (Part-4)CI 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025 (Part-5)
3	pH @ 25°C	-	7.23	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL1)	1	5	IS 3025 (Part-10)
6	Chloride as Cl	mg/l	18	250	250	IS: 3025 (Part-32)
7	Iron as Fe'	mg/l	0.24	1.0	No relaxation	IS: 3025 (Part-53)
8	Total hardness as CaCO3	mg/l	224	200	600	IS :3025 (Part-21)

### II -Biological Testing

#### 1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli.	CFU/100ml	Absent	Absent	-	IS:15185

Simranjit Kaur  
Authorized Signatory-Biological

Tanu Sharma  
Authorized Signatory-Chemical

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ULR No. :	TC747722000002483F	Test Report No. :	EL220422NW002
Type of Sample :	Water (Ground Water)	Date of Reporting :	28/04/2022

Remarks : NA

**OTHER INFORMATION**

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

**\*\*End of Report\*\***

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Authorized Signatory-Biological



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## TEST REPORT



ULR No. : TC747722000002476F		Test Report No. : EL220422NS002	
Type of Sample : Soil		Date of Reporting : 28/04/2022	
Customer	Group Housing Project "Green Lotus Utsav" By M/s Maya Estate at Vill. Chatt, Teh. Zirakpur, Distt. SAS Nagar, Punjab	Work Order No. & Date	EL/GLU/TEL/3249 Dt.: 14/04/2022
		Customer reference No. (If any)	NA
Sampling Protocol	USEPA/600/R-92/128	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	22/04/2022	Date of Receipt of Sample	22/04/2022
Sampling Location	At Project Site	Testing Location	Permanent Facility
Testing Protocol	IS Method	Period of Analysis	22/04/2022 To 28/04/2022
Sample Description	Brown coloured soil.		
Packing, Markings, Seal & Qty.	5 Kg Poly Bag Marked 'P/22/04'		

## RESULTS

### I. Chemical Testing

#### 1. Pollution & Environment (Soil)

S.No.	Test Parameter	Unit	Result	Test Method
1	pH	--	8.34	IS:2720 (Part-26) Cl-2,
2	Conductivity	mmhos/cm	0.353	IS:14767
3	Moisture Content	%	2.6	IS:2720 (Part-II) Sec-1
4	Organic Matter	%	1.62	IS: 2720 (Part XXII) Sec-1,
5	Texture	--	Sandy clay loam	IS:2720 (Part-4) Cl 2,4,
6	Bulk Density	gm/cc	1.41	IS: 2720 (Part-7)

Remarks : NA

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\*\*End of Report\*\*

Umesh Kumar

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## TEST REPORT



ULR No. : TC747722000002493F		Test Report No. : EL230422NA002	
Type of Sample : Ambient Air Quality		Date of Reporting : 28/04/2022	
Customer	Group Housing Project "Green Lotus Utsav" By M/s Maya Estate at Vill. Chatt, Teh. Zirakpur, Distt. SAS Nagar, Punjab	Work Order No. & Date	EL/GLU/TEL/3249 Dt.: 14/04/2022
		Customer reference No. (If any)	NA
Sampling Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	22/04/2022	Date of Receipt of Sample	23/04/2022
Sampling Location	At Project Site	Period of Analysis	23/04/2022 To 28/04/2022
Testing Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Environmental Conditions	Clear sky
Testing Location	On Site & Permanent Facility		

## RESULTS

### I-Chemical Testing

#### 1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Method
1	Respirable Suspended Particulate Matter (as PM10)	µg/m <sup>3</sup>	85	100	IS: 5182 (Part-23)
2	Particulate Matter (as PM2.5)	µg/m <sup>3</sup>	45	60	Lab SOP: EL/SOP/AAQ/01, Issue No. 03, Jan 01
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	11	80	IS: 5182 (Part-2)
4	Nitrogen Dioxide (as NO <sub>2</sub> )	µg/m <sup>3</sup>	22	80	IS: 5182 (Part-6)
5	Ammonia (as NH <sub>3</sub> )	µg/m <sup>3</sup>	15	400	Lab SOP: EL/SOP/AAQ/02, Issue No. -03, Jan 01
6	Ozone (as O <sub>3</sub> )	µg/m <sup>3</sup>	34	180	IS: 5182 (Part-9)
7	Carbon Monoxide (as CO),	mg/m <sup>3</sup>	0.61	04	IS: 5182 (Part-10), NDIR Method

Remarks : NA

### OTHER INFORMATION

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\*\*End of Report\*\*



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## TEST REPORT



ULR No. : TC747722000002504F		Test Report No. : EL230422NN002	
Type of Sample : Ambient Noise		Date of Reporting : 28/04/2022	
Customer	Group Housing Project "Green Lotus Utsav" By M/s Maya Estate at Vill. Chatt, Teh. Zirakpur, Distt. SAS Nagar, Punjab	Work Order No. & Date	EL/GLU/TEL/3249 Dt.: 14/04/2022
		Customer reference No. (If any)	NA
Sampling Protocol	IS 9989-1989, RA 2008.	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	22/04/2022	Date of Receipt of Sample	23/04/2022
Sampling Location	At Project Site	Period of Analysis	23/04/2022 To 23/04/2022
Testing Protocol	IS 9989-1989, RA 2008.		
Testing Location	On Site & Permanent Facility		

## RESULTS

### I- Chemical Testing

#### 1. Atmospheric Pollution (Ambient Noise Level)

S.No.	Test Parameters	Units	Results	Method
1	Ambient Day Time Noise Levels	dB(A)	52.3	LAB SOP: EL/SOP/AN/01, Issue No.-04, Nov 10

#### Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

\*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : NA

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