



DEVBHOOMI TESTING LABORATORY DEHRADUN

NABL Accredited, Govt. Approved, MSME Registered, & ISO : 9001:2015 & 14001: 2015 Certified Laboratory

Neelkanth Enclave, Harbhajwala, Telpur Chowk, Shimla By Pass Road, Dehradun 248171

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Email: devbhoomilab@gmail.com

TEST REPORT

Description of Sample: Air Quality Monitoring	Report No.: DTL/DDN/2024/2610/05
Sample Id: 26102024/05	Date of Report: 04/11/2024
Sample Quantity: As per requirement	Date of Letter: 01/10/2024
Sample Condition: Receipt as OK	Date of Receipt: 26/10/2024
Sample Plan & Sampling Method: NA	Start Date of Testing: 26/10/2024
Environment Condition (Temp. & Humidity): NA	Date of Completion: 04/11/2024
Addition to, Deviation or Exclusion from the Method: NA	Page 1 of 1
N.O.W :Construction of 60 m Span Intermediate Lane Steel Truss Bridge Over Jimba River At Km-01 of Seraghat- Golpha-Bona Motor Road, Block-Munsyari, District-Pithoragarh.	
Ref : 11/60 JR	
Package No:05/BR/RFB/UGRIDP/2023	
C.A No:04/BR/RFB/UGRIDP/2023 Date:- 18/06/2024	
Issued to: G.S Matiyani and Son's Tanakpur Road, Pithoragarh Uttarakhand.	

Location: R.H.S

S. No.	Parameters	Test Value	Requirement as per National Ambient Air Quality Standards CPCB	
			Industrial, Rural & other area	Sensitive Area
1	Particulate Matter (size < 10 μ m), μ g/m ³ (24 hrs)	74.2	100 Max.	100 Max.
2	Particulate Matter (size <2.5 μ m), μ g/m ³ (24 hrs)	49.5	60 Max.	60 Max.
3	Sulphur Dioxide, μ g/m ³ (24 hrs.)	16.9	80 Max.	80 Max.
4	Oxides of Nitrogen, μ g/ m ³ (24 hrs.)	15.0	80 Max.	80 Max.
5	Carbon Mono Oxide, μ g/ m ³	ND	02*, 04 [#]	02*, 04 [#]

Protocol Used: IS: 5182 (P-2, 3 & 23), CPCB Guidelines.

Note: ND stands for Non-Detectable.

Note: * Maximum limits for 8 hourly monitoring, # Maximum limits for 1 hourly monitoring.

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

Devbhoomi Testing Laboratory
Technical Manager
Checked & Issued by
Authorised Signatory

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3. Sample not drawn by lab and sample will be destroyed after 30 days from the date of issue of test report.
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TEST REPORT

Description of Sample: Air Quality Monitoring	Report No.: DTL/DDN/2024/2610/06
Sample Id: 26102024/06	Date of Report: 04/11/2024
Sample Quantity: As per requirement	Date of Letter: 01/10/2024
Sample Condition: Receipt as OK	Date of Receipt: 26/10/2024
Sample Plan & Sampling Method: NA	Start Date of Testing: 26/10/2024
Environment Condition (Temp. & Humidity): NA	Date of Completion: 04/11/2024
Addition to, Deviation or Exclusion from the Method: NA	Page 1 of 1
N.O.W :Construction of 60 m Span Intermediate Lane Steel Truss Bridge Over Jimba River At Km-01 of Seraghat- Golpha-Bona Motor Road, Block-Munsyari, District-Pithoragarh.	
Ref : 11/60 JR	
Package No:05/BR/RFB/UGRIDP/2023	
C.A No:04/BR/RFB/UGRIDP/2023	
Issued to: G.S Matiyani and Son's Tanakpur Road, Pithoragarh Uttarakhand.	Date:- 18/06/2024

Location: L.H.S

S. No.	Parameters	Test Value	Requirement as per National Ambient Air Quality Standards CPCB	
			Industrial, Rural & other area	Sensitive Area
1	Particulate Matter (size < 10 μ m), μ g/m ³ (24 hrs)	75.4	100 Max.	100 Max.
2	Particulate Matter (size <2.5 μ m), μ g/m ³ (24 hrs)	48.9	60 Max.	60 Max.
3	Sulphur Dioxide, μ g/m ³ (24 hrs.)	18.6	80 Max.	80 Max.
4	Oxides of Nitrogen, μ g/ m ³ (24 hrs.)	16.0	80 Max.	80 Max.
5	Carbon Mono Oxide, μ g/ m ³	ND	02*, 04 [#]	02*, 04 [#]

Protocol Used: IS: 5182 (P-2, 3 & 23), CPCB Guidelines.

Note: ND stands for Non-Detectable.

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TEST REPORT

Description of Sample: Drinking Water	Report No.: DTL/DDN/2024/2610/07
Sample Id: 26102024/07	Date of Report: 04/11/2024
Sample Quantity: 1 Ltr.	Date of Letter: 01/10/2024
Sample Condition: Receipt as OK	Date of Receipt: 26/10/2024
Sample Plan & Sampling Method: NA	Start Date of Testing: 26/10/2024
Environment Condition (Temp. & Humidity): NA	Date of Completion: 04/11/2024
Addition to, Deviation or Exclusion from the Method: NA	Page 1 of 1
N.O.W : Construction of 60 m Span Intermediate Lane Steel Truss Bridge Over Jimba River At Km-01 of Seraghat- Golpha-Bona Motor Road, Block-Munsyari, District-Pithoragarh.	
Ref: 11/60JR	
Package No:05/BR/RFB/UGRIDP/2023	
C.A No:04/BR/RFB/UGRIDP/2023 Date:- 18/06/2024	
Issued to: G.S Matiyani and Son's Tanakpur Road, Pithoragarh Uttarakhand.	

Requirement as per IS: 10500-2012 RA:2018

S. No.	Characteristics	Test-Value	Acceptable Limit	Permissible Limit in Absence of alternate source	Method of Test
1.	Colour, Hazen unit Max.	≤ 5	5	15	IS-3025(P-4)-1983 RA:2021
2.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5)-1983 RA:2018
3.	Turbidity, NTU. Max.	Nil	1	5	IS-3025(P-10)-1984 RA:2017
4.	pH Value	7.65	6.5-8.5	No Relaxation	IS-3025(P-11)-1983 RA:2022
5.	Total Hardness, (asCaCO ₃), mg/l Max.	26	200	600	IS-3025(P-21)-2009 RA:2019
6.	Iron (as Fe), mg/l Max.	0.22	0.3	No Relaxation	IS-3025(P-53)-2012 RA:2019
7.	Chloride (as Cl), mg/l Max.	14	250	1000	IS-3025(P-22)-1988 RA:2019
8.	Total Dissolved Solid mg/L Max.	104	500	2000	IS-3025(P-16)-1984 RA:2017
9.	Bacteriological Test				IS:1622-1981 RA:2019
	a) E-Coil	ND	Shall not be detectable		
	b) Total coliform bacteria	ND			

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

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TEST REPORT

Description of Sample: Surface Water	Report No.: DTL/DDN/2024/2610/08
Sample Id: 26102024/08	Date of Report: 04/11/2024
Sample Quantity: 1 Ltr.	Date of Letter: 01/10/2024
Sample Condition: Receipt as OK	Date of Receipt: 26/10/2024
Sample Plan & Sampling Method: NA	Start Date of Testing: 26/10/2024
Environment Condition (Temp. & Humidity): NA	Date of Completion: 04/11/2024
Addition to, Deviation or Exclusion from the Method: NA	Page 1 of 1
N.O.W :Construction of 60 m Span Intermediate Lane Steel Truss Bridge Over Jimba River At Km-01 of Seraghat- Golpha-Bona Motor Road, Block-Munsyari, District-Pithoragarh.	
Ref: 11/60JR	
Package No:05/BR/RFB/UGRIDP/2023	
C.A No:04/BR/RFB/UGRIDP/2023	
Issued to: G.S Matiyani and Son's Tanakpur Road, Pithoragarh Uttarakhand.	Date:- 18/06/2024

Sample: 01

S. No.	Characteristics	Test Value	Max. Permissible Limit as per IS: 456-2000 (Clause 5.4)	Method of test ref to:
1.	Requirement of 0.02 N-Noah to neutralize 100ml. of water sample using Phenolphthalein indicator	0.2	5.0 ml.	IS-3025 (P-22) 1986 RA:2019
2.	Requirement of 0.02 N-H ₂ SO ₄ to neutralize 100ml of water sample using mixed indicator	5.2	25.0 ml.	IS-3025 (P-23) 1986 RA:2019
3.	Organics, mg/l.	76	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	104	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO ₃ , mg/l.	18.2	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	24	500 mg /l for RCC & 200mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988 RA:2019
7.	pH	7.86	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	156	2000	IS: 3025 (P-17) 2022

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TEST REPORT

Description of Sample: Surface Water	Report No.: DTL/DDN/2024/2610/11
Sample Id: 26102024/11	Date of Report: 04/11/2024
Sample Quantity: 1 Ltr.	Date of Letter: 01/10/2024
Sample Condition: Receipt as OK	Date of Receipt: 26/10/2024
Sample Plan & Sampling Method: NA	Start Date of Testing: 26/10/2024
Environment Condition (Temp. & Humidity): NA	Date of Completion: 04/11/2024
Addition to, Deviation or Exclusion from the Method: NA	Page 1 of 1
N.O.W :Construction of 60 m Span Intermediate Lane Steel Truss Bridge Over Jimba River At Km-01 of Seraghat- Golpha-Bona Motor Road, Block-Munsyari, District-Pithoragarh.	
Ref: 11/60JR	
Package No:05/BR/RFB/UGRIDP/2023	
C.A No:04/BR/RFB/UGRIDP/2023	
Issued to: G.S Matiyani and Son's Tanakpur Road, Pithoragarh Uttarakhand.	Date:- 18/06/2024

Sample: 02

S. No.	Characteristics	Test Value	Max. Permissible Limit as per IS: 456-2000 (Clause 5.4)	Method of test ref to:
1.	Requirement of 0.02 N-Noah to neutralize 100ml. of water sample using Phenolphthalein indicator	0.3	5.0 ml.	IS-3025 (P-22) 1986 RA:2019
2.	Requirement of 0.02 N-H ₂ SO ₄ to neutralize 100ml of water sample using mixed indicator	5.0	25.0 ml.	IS-3025 (P-23) 1986 RA:2019
3.	Organics, mg/l.	74	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	105	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO ₃ , mg/l.	18.0	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	23	500 mg /l for RCC & 200mg/1 for concrete without embedded steel.	IS: 3025 (P-32) 1988 RA:2019
7.	pH	7.72	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	153	2000	IS: 3025 (P-17) 2022

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

[Signature]
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TEST REPORT

Description of Sample: Noise Level Monitoring	Report No.: DTL/DDN/2024/2610/09
Sample Id: 26102024/09	Date of Report: 04/11/2024
Sample Quantity: As per requirement	Date of Letter: 01/10/2024
Sample Condition: Receipt as OK	Date of Receipt: 26/10/2024
Sample Plan & Sampling Method: NA	Start Date of Testing: 26/10/2024
Environment Condition (Temp. & Humidity): NA	Date of Completion: 04/11/2024
Addition to, Deviation or Exclusion from the Method: NA	Page 1 of 1
N.O.W :Construction of 60 m Span Intermediate Lane Steel Truss Bridge Over Jimba River At Km-01 of Seraghat- Golpha-Bona Motor Road, Block-Munsiyari, District-Pithoragarh.	
Ref: 11/60JR	
Package No:05/BR/RFB/UGRIDP/2023	
C.A No:04/BR/RFB/UGRIDP/2023 Date:- 18/06/2024	
Issued to: G.S Matiyani and Son's Tanakpur Road, Pithoragarh Uttarakhand.	

Location: L.H.S

Parameters			Test Value	Ambient Air Quality Standards in respect of Noise Limits in dB(A) Leq, (the Noise Pollution Regulation & Control) RULES-2000			
				Industrial	Commercial	Residential	Silence
Noise Level (Day)dB(A)	Leq	Day	39.2	75	65	55	50
	Lmax.	Day	41.6	-	-	-	-
	Lmin.	Day	37.9	-	-	-	-

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TEST REPORT

Description of Sample: Noise Level Monitoring	Report No.: DTL/DDN/2024/2610/10
Sample Id: 26102024/10	Date of Report: 07/10/2024
Sample Quantity: As per requirement	Date of Letter: 01/10/2024
Sample Condition: Receipt as OK	Date of Receipt: 26/10/2024
Sample Plan & Sampling Method: NA	Start Date of Testing: 26/10/2024
Environment Condition (Temp. & Humidity): NA	Date of Completion: 04/11/2024
Addition to, Deviation or Exclusion from the Method: NA	Page 1 of 1
N.O.W :Construction of 60 m Span Intermediate Lane Steel Truss Bridge Over Jimba River At Km-01 of Seraghat- Golpha-Bona Motor Road, Block-Munsiyari, District- Pithoragarh.	
Ref: 11/60JR	
Package No:05/BR/RFB/UGRIDP/2023	
C.A No:04/BR/RFB/UGRIDP/2023	
Issued to: G.S Matiyani and Son's Tanakpur Road, Pithoragarh Uttarakhand.	Date:- 18/06/2024

Location: R.H.S

Parameters			Test Value	Ambient Air Quality Standards in respect of Noise Limits in dB(A) Leq, (the Noise Pollution Regulation & Control) RULES-2000			
				Industrial	Commercial	Residential	Silence
Noise Level (Day)dB(A)	Leq	Day	38.5	75	65	55	50
	Lmax.	Day	41.2	-	-	-	-
	Lmin.	Day	36.8	-	-	-	-



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