



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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TEST REPORT

Description of Sample: Surface Water	Report No.: DTL/DDN/2024/0211/05
Sample Id: 02112024/05	Date of Report: 07/11/2024
Sample Quantity: As per requirement	Date of Sampling: 02/11/2024
Sample Condition: Receipt as OK	Start Date of Testing: 04/11/2024
Sample Plan & Sampling Method: NA	Date of Completion: 07/11/2024
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 30M Span single lane steel girder pedestrian bridge near Charbag over Lwani Gadera at Silwani Tok, Chamoli"	
Issued to: M/S D.S Construction 1-7 Nehru colony Dehradun 248001	

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-NaOH to neutralize 100ml. of water sample using Phenolphthalein indicator	0.2	5.0 ml.	IS-3025 (P-22) 1986RA:2019
2.	Requirement of 0.02 N-H ₂ SO ₄ to neutralize 100ml of water sample using mixed indicator	6.3	25.0 ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	80	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	104	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO ₄ , mg/l.	23	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	27	500 mg /l for RCC & 200mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988RA:2019
7.	pH	7.86	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	1.52	2000	IS: 3025 (P-17) 2022

*****End of Report***


NARESH CHAMOLI
Environment Expert
FPIU PWD (U-PREPARE)
Dehradun



Checked & Issued by
Authorised Signatory

1. The result listed refer only to the tested sample & applicable parameters endorsement of products is neither inferred nor implied.
2. Total liability of our lab is limited to the tested amount.
3. Sample not drawn for test will be destroyed after 30 days from the date of issue of test report.
4. This report is not to be used as evidence in any court of law and should not be used in any advertising media without our special permission in writing.



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TEST REPORT

Description of Sample: Surface Water	Report No.: DTI/DDN/2024/0211/06
Sample Id: 02112024/06	Date of Report: 07/11/2024
Sample Quantity: As per requirement	Date of Sampling: 02/11/2024
Sample Condition: Receipt as OK	Start Date of Testing: 04/11/2024
Sample Plan & Sampling Method: NA	Date of Completion: 07/11/2024
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 30M Span single lane steel girder pedestrian bridge near Charbag over Lwani Gadera at Silwani Tok, Chamoli"	
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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-NaOH to neutralize 100ml. of water sample using Phenolphthalein indicator	0.7	5.0 ml.	IS-3025 (P-22) 1986RA:2019
2.	Requirement of 0.02 N-H ₂ SO ₄ to neutralize 100ml of water sample using mixed indicator	5.3	25.0 ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	72	200	IS: 3025 (P-18) 2022
4.	Inorganics, mg/l	112	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO ₄ , mg/l.	21.6	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) 1988RA:2019
7.	pH	7.62	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	1.64	2000	IS: 3025 (P-17) 2022

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

NARESH CHAMOLI
Environment Expert
FPIU PWD (U-PREPARE)
Dehradun

Technical Manager
Checked & Issued by
Authorised Signatory

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- Total liability of the laboratory is limited to the amount paid.
- Sample not to be used for any purpose after 30 days from the date of issue of test report.
- This report is for information only and cannot be used as an evidence in the court of law and should not be used in any advertising media without our prior written consent.



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