



# 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

Mob: +91-7217360360, +91-7579118238, 8859392493, 9760764229

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## TEST REPORT

<b>Description of Sample:</b> Surface Water	<b>Report No.:</b> DTL/DDN/2024/2810/03
<b>Sample Id:</b> 28102024/03	<b>Date of Report:</b> 05/11/2024
<b>Sample Quantity:</b> As per requirement	<b>Date of Sampling:</b> 28/10/2024
<b>Sample Condition:</b> Receipt as OK	<b>Date of Receipt:</b> 28/10/2024
<b>Sample Plan &amp; Sampling Method:</b> NA	<b>Start Date of Testing:</b> 05/11/2024
<b>Environment Condition (Temp. &amp; Humidity):</b> NA	Page 1 of 1
<b>Addition to, Deviation or Exclusion from the Method:</b> NA	
N.O.W : "Construction of 4 No. of Intermediate lane RCC Bridge & Steel Truss in km 3, 7, 11 & 14 at Nandprayag Ghat Motor Road in Karnprayag Chamoli"	
<b>Issued to:</b> M/S D.S Construction I-7 Nehru colony' Dehradun 248001	

Sample: 01 Km-3

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 <sub>2</sub> SO <sub>4</sub> to neutralize 100ml of water sample using mixed indicator	5.7	25.0 ml.	IS-3025 (P-23) 1986 RA:2019
3.	Organics, mg/l.	69	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	107	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO <sub>3</sub> , mg/l.	19.6	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	22	500 mg /l for RCC & 200mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988 RA:2019
7.	pH	7.75	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	159	2000	IS: 3025 (P-17) 2022

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



Checked & Issued by  
Authorised Signatory

- The result Listed refer only to the tested sample & applicable parameters endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.

- 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: Surface Water	Report No.: DTL/DDN/2024/2810/04
Sample Id: 28102024/04	Date of Report: 05/11/2024
Sample Quantity: 1 Ltr.	Date of Sampling: 28/10/2024
Sample Condition: Receipt as OK	Start Date of Testing: 29/10/2024
Sample Plan & Sampling Method: NA	Date of Completion: 05/11/2024
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 4 No. of Intermediate lane RCC Bridge & Steel Truss in km 3, 7, 11 & 14 at Nandprayag Ghat Motor Road in Karnprayag Chamoli"	
Issued to: M/S D.S Construction I-7 Nehru colony' Dehradun 248001	

Sample: 02 Km-3

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	0.5	5.0 ml.	IS-3025 (P-22) 1986 RA:2019
2.	Requirement of 0.02 N-H <sub>2</sub> SO <sub>4</sub> 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.	78	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	102	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO <sub>3</sub> , mg/l.	176	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	23	500 mg /l for RCC & 200mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988 RA:2019
7.	pH	7.70	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	156	2000	IS: 3025 (P-17) 2022

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



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