

# 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: 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	
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 I-7 Nehru colony Dehradun 248001	Page 1 of 1

### 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 <sub>2</sub> SO <sub>4</sub> 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 <sub>4</sub> , 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\*\*\*

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

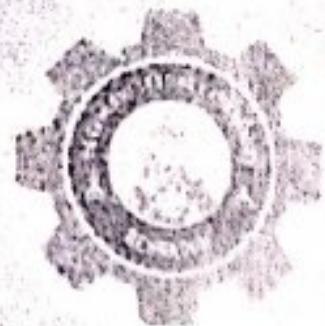


Checked & Issued by  
 Authorised Signatory

- The result listed refer only to the said sample & applicable parameters endorsement of products is neither inferred nor implied.
- Total liability of our laboratory is limited to the amount.
- Sample not drawn by us in original 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/2024/0211/06
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	
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 Siuwani Tok, Chamoli"	
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M/S D S Construction 1.7 Nehru colony Dehradun 248001	

### 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 <sub>2</sub> SO <sub>4</sub> 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.	Inorganic, mg/l	112	3000	IS: 3025 (P-18) 2022
5.	Suspense as SV, ml/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*  
**NARESH CHAMOLI**  
Environment Expert  
FPIU PWD (U-PREPARE)  
Dehradun



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Authorised Signatory

1. The result of this report is valid only for the above mentioned parameters and no endorsement of products is neither inferred nor implied.
2. Total liability of the laboratory for any damage or loss arising out of this report is limited to the amount of fees paid.
3. Sample no. 02112024/06 is valid for a period of 30 days from the date of issue of test report.
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