



# 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/2025/0604/08
Sample Id: 07042025/08	Date of Report: 14/04/2025
Sample Quantity: 1 Ltr.	Date of Sampling: 06/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 07/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 13/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 125M Span Single Suspension Pedestrian Bridge over Pinder River for Odar village in District Chamoli".	
Issued to: M/S KGL Infrastructures. 33-A Aam Bagh, Garhi Cantt, Dehradun -248003	

### Sample No:- 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	0.5	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	5.7	25.0 ml.	IS-3025 (P-23) 1986 RA:2019
3.	Organics, mg/l.	75	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.	21.1	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	7.80	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	186	2000	IS: 3025 (P-17) 2022
9.	Bacteriological Test			
	a) E-Coil	ND	Shall not be detectable	IS:1622-1981 RA:2019
	b) Total coliform bacteria	ND		

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

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



Checked & Issued by  
Laboratory





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## TEST REPORT

Description of Sample: Surface Water	Report No.: DTL/DDN/2025/0604/09
Sample Id: 07042025/09	Date of Report: 14/04/2025
Sample Quantity: 1 Ltr.	Date of Sampling: 06/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 07/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 13/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 125M Span Single Suspension Pedestrian Bridge over Pinder River for Odar village in District Chamoli".	
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### Sample No:- 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	0.6	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	6.1	25.0 ml.	IS-3025 (P-23) 1986 RA:2019
3.	Organics, mg/l.	72	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	115	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO <sub>3</sub> , mg/l.	19.2	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	25	500 mg /l for RCC & 200mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988 RA:2019
7.	pH	7.78	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	181	2000	IS: 3025 (P-17) 2022
9.	Bacteriological Test			
	a) E-Coil	ND	Shall not be detectable	IS:1622-1981 RA:2019
	b) Total coliform bacteria	ND		

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

*HL*  
**NARESH CHAMOLI**  
Environment Exper  
FIU PWD (U-PREPARE)  
Dehradun



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Authorised Signatory