

Letter No: ARKS/PMU/24-25/22

Date: 08.12.2025

**To,
The Authority Engineer,
Provincial Division
PWD, Pauri Uttarakhand**

LOA No.- LOA NO: 417/15/BR/RFB-EPC/UGRIDP/2023

Reference: (Construction of 150M Span Intermediate Lane Motor Bridge & its approach over Nayar River for Badkholu village in District Pauri, Uttarakhand State)

Subject: Submission of Pre-Construction Environment Monitoring Test Reports.

Dear Sir,

With reference to the above-mentioned work, we hereby submit the *Pre-Construction Environmental Monitoring Reports* along with the attached photographs for your kind perusal. The details of the reports are as follows:

S. No.	File No.	Description	Qty.
1	File no.1	Air Quality Monitoring	2
2	File no.2	Noise Level Monitoring	2
3	File no.3	Drinking Water Quality Monitoring	1
4	File no.4	Surface Water Quality Monitoring	1
Total Reports			6

We kindly request you to review the submitted report and provide us required approval.

Thank you for your continued support.

Best Regards

M/s ARKS Universal Pvt. Ltd.



Authorised Signatory

ARKS UNIVERSAL PVT.LTD.
(Authorised Signatory)

Encl: Senior Environment expert, PIU-World Bank (PWD) U-PREPARE Uttarakhand.

TEST REPORT

Sample / Report No.	QTRC/9120251203/03	Page 1 of 1				
Name and Address of Customer	M/S ARKS UNIVERSAL PVT. LTD A-1 TOWER, 2ND FLOOR SHOP NO-1, 39/1 BALLUPUR DEHRADUN UTTARAKHAND					
Description of Sample	Drinking Water					
Agreement No.	--					
Reference No.	--					
Name of Work	Construction of 150 M Span Intermediate Lane Motor Bridge & its approach over Nayar River for Badkholu in District Pauri	Date of Sampling	03/12/2025			
		Date of Receipt	03/12/2025			
		Start Date of Analysis	03/12/2025			
Sample Collected by	Mr. Karamveer Kumar	End Date of Analysis	06/12/2025			
Indian Standard of Ref.	IS:10500:2012	Report Issue Date	06/12/2025			
S. No.	Test Parameters	Units	Results	Requirement AS PER IS:10500-2012		Test Method
				Acceptable Limit	Permissible Limit	
CHEMICAL PARAMETERS						
1.	Colour	Hazen	Less than 1	5.0 Max	15.0 Max	IS:3025(P-4)2021
2.	pH value	--	7.50	6.5-8.5	No Relaxation	IS:3025(P-11)2022
3.	Turbidity	NTU	0.25	1.0 Max	5.0 Max	IS:3025(P-10)1984
4.	Total Dissolved Solids	mg/l	140	500 Max	2000 Max	IS:3025(P-16)1984
5.	Chloride (as Cl)	mg/l	33	250 Max	1000 Max	IS:3025(P-32)1988
6.	Total Hardness (as CaCO ₃)	mg/l	89	200 Max	600 Max	IS:3025(P-21)2009
7.	Calcium as Ca	mg/l	27	75 Max	200 Max	IS:3025(P-40)1991
8.	Magnesium (as Mg)	mg/l	7.56	30 Max	100 Max	IS:3025(P-46)1983
9.	Total Alkalinity (as CaCO ₃)	mg/l	129	200 Max	600 Max	IS:3025(P-23)1983
10.	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025(P-5)2018
11.	Taste		Agreeable	Agreeable	Agreeable	IS:3025(P-8)1983
Microbiological Examination						
1.	E. Coli per 100 ml	Per 100ml	Absent	Shall not be Detectable in any 100 ml. sample		IS : 1622:1981
2.	Coli form per 100ml	Per 100ml	Absent	Shall not be Detectable in any 100 ml. sample		IS : 1622:1981

Remarks: The Sample conforms to IS: 10500:2012 FOR acceptable limits with respect to above tests only.

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

Authorized Signatory



AN ISO / IEC 17025 : 2017, ISO 9001 : 2015, ISO 14001 : 2015 CERTIFIED LABORATORY

Note : certified that the test enumerated above have been carried out in conformity with standard testing procedures and relevant specification. The refers ONLY to the particular sample(s) submitted for test. The report should not be utilised for any legal purpose and will not be produced in the court of law. Sample Description is not verified in all cases and is given as described by Customer, All Complaints about this should be communicated in writing within 10days from the date of issue of this report. Except by special arrangement, Samples, if drawn, will not be retained by the company for more than 30 days. This test report is not to be reproduced except in full, without written approval of the Laboratory.



QUALITY TESTING & RESEARCH CENTRE LLP

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GOVT. APPROVED NABL ACCREDITED LABORATORY

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