

Action Taken Report on behalf of Uttarakhand Pollution Control Board 2059

In the matter of
Original Application no. 417 of 2022

Niranjan Bagchi

v.

State of Uttarakhand and Ors.

1. That the above-mentioned matter was listed for hearing on 27.05.2025 wherein the Hon'ble National Green Tribunal was pleased to issue the following directions:

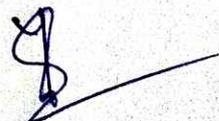
“.....

10. So far as tapping of discharge of domestic sewage and industrial effluent is concerned, the work of tapping of 177 drains of river Rispana is being carried out by Uttarakhand Payjal Nigam and Uttarakhand Jal Sansthan of Dehradun and monitoring of performance of sewage treatment plant is being carried out by UKPCB.

11. Uttarakhand Peyjal Nigam and Uttarakhand Jal Sansthan and UKPCB are directed to file further progress report in this regard at least three days before the next date of hearing fixed.

.....”

2. That in compliance to the aforementioned order, the instant action taken report is being filed.
3. That the Uttarakhand Pollution Control Board conducts monthly monitoring of the operation of Sewage Treatment Plants (STPs) in Dehradun. Accordingly, in compliance with the aforesaid order passed by this Hon'ble Tribunal, the analysis report for the month of May 2025 is hereby submitted. The test report pertains to the following STPs:

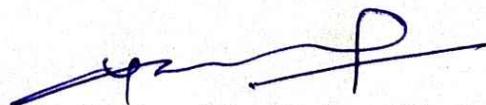


Compliance Status of Sewage Treatment Plants

Name of STPs	Status of Compliance
i. 20 MLD STP at Motharawala-I	Complied
ii. 20 MLD STP at Motharawala-II	Complied
iii. 68 MLD STP at Kargi	Complied
iv. 5.0 MLD STP at Indira Nagar	Complied
v. 3.0 MLD STP at Kaulagarh	Complied
vi. 0.42 MLD STP at Vijay Colony	Complied
vii. 0.71 MLD STP at Salawala	Complied
viii. 1.0 MLD STP at Jakhan	Complied

In this connection, a copy of the (STP) Test Report for the month of May 2025 is being marked and filed as **Annexure No. 1.**

4. That it is pertinent to mention that the Uttarakhand Pollution Control Board (UKPCB) is committed to ensure the compliance of the directions given by this Hon'ble Tribunal.
5. The above report is being presented for the consideration of the Hon'ble NGT.



(Dr Parag Madhukar Dhakate)

Member Secretary

Uttarakhand Pollution Control Board



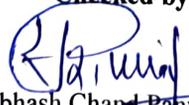
Sewage Treatment Plant(STP) Test Report

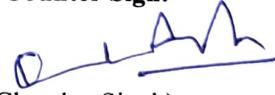
Test report no:	HO/05/25/WW-21-O
Code allotted:	HO/05/25/WW-21-O
Sample Source (S.T.P./any other specify):	S.T.P.(Outlet).
Sampling point:	20 MLD STP at Motharawala-I, Dehradun.
Type of sample :Grab/Composite/Integrated:	Grab
Sample collected by:	Mrs. Ganga Rawat (J.L.A.) Mr. Madan Bhandari (FA)
Quantity & Packing: (HDPE/LDPE/P/G/AnyOther):	2L-HDPE 125mL-GLASS
Date of sample collection:	14.05.2025
Date of sample receipt in the laboratory:	14.05.2025
Start Date of analysis:	14.05.2025
End Date of analysis:	21.05.2025

S.No.	Parameters	Results	Standards	TestMethod	Unit
1.	pH (@25°C)	7.83	6.5-9.0	APHA4500H ⁺ B: ElectrometricMethod.	-
2.	Biochemical Oxygen Demand	9.6	30	IS3025(Part44) AzideModification.	mg/l
3.	Total Suspended Solids	11	<100	APHA2540D TotalSuspendedSolidsDriedat 103-105°C	mg/l
4.	Chemical Oxygen Demand	40	-	IS3025(Part58):2023, OpenRefluxMethod.	mg/l
5.	Faecal Coliform	170	<1000	APHA9221E, Multiple-Tube- Fermentation Technique.	MPN/100ml

Analysed by:

(Ganga Rawat)
Jr. Lab Assistant

Checked by:

(Subhash Chand Panwar)
Asst. Environment/Engineer

Counter Sign:

(Chandan Singh)
Chief Environment Officer

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

Note:

1. The results in the Test Report relate only to the items tested.
2. The Test Report pertains to the sample as received in lab.
3. Reports shall not be reproduced without approval of laboratory.
4. Sample will be retained for only 10 days after issuing the report.

Sewage Treatment Plant(STP)Test Report

Test report no:	HO/05/25/WW-22-O
Code allotted:	HO/05/25/WW-22-O
Sample Source (S.T.P./any other specify):	S.T.P.(Outlet).
Sampling point:	20 MLD STP at Motharawala-II, Dehradun.
Type of sample :Grab/Composite/Integrated:	Grab
Sample collected by:	Mrs. Ganga Rawat (J.L.A.) Mr. Madan Bhandari (FA)
Quantity & Packing: (HDPE/LDPE/P/G/AnyOther):	2L-HDPE 125mL-GLASS
Date of sample collection:	14.05.2025
Date of sample receipt in the laboratory:	14.05.2025
Start Date of analysis:	14.05.2025
End Date of analysis:	21.05.2025

S.No.	Parameters	Results	Standards	TestMethod	Unit
1.	pH (@25°C)	7.91	6.5-9.0	APHA4500H ⁺ B: ElectrometricMethod.	-
2.	Biochemical Oxygen Demand	10.0	30	IS3025(Part44) AzideModification.	mg/l
3.	Total Suspended Solids	13	<100	APHA2540D TotalSuspendedSolidsDriedat 103-105°C	mg/l
4.	Chemical Oxygen Demand	50	-	IS3025(Part58):2023, OpenRefluxMethod.	mg/l
5.	Faecal Coliform	210	<1000	APHA9221E, Multiple-Tube- Fermentation Technique.	MPN/100ml

Analysed by:


 (Ganga Rawat)
 Jr. Lab Assistant

Checked by:


 (Subhash Chand Panwar)
 Asst. Environment Engineer

Counter Sign:


 (Chandan Singh)
 Chief Environment Officer

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2063

CENTRAL LABORATORY
UTTARAKHAND POLLUTION CONTROL BOARD
46-B IT Park, Sahastradhara Road, Dehradun Email
id - clukpcb@gmail.com

Sewage Treatment Plant (STP) Test Report

Test report no:	HO/05/25/WW-23-O
Code allotted:	HO/05/25/WW-23-O
Sample Source (S.T.P./any other specify):	S.T.P.(Outlet).
Sampling point:	68 MLD STP at Kargi, Dehradun.
Type of sample :Grab/Composite/Integrated:	Grab
Sample collected by:	Mrs. Ganga Rawat (J.L.A.) Mr. Madan Bhandari (FA)
Quantity & Packing: (HDPE/LDPE/P/G/AnyOther):	2L-HDPE 125mL-GLASS
Date of sample collection:	14.05.2025
Date of sample receipt in the laboratory:	14.05.2025
Start Date of analysis:	14.05.2025
End Date of analysis:	21.05.2025

S.No.	Parameters	Results	Standards	Test Method	Unit
1.	pH (@25°C)	7.79	6.5-9.0	APHA4500H ⁺ B: Electrometric Method.	-
2.	Biochemical Oxygen Demand	9.2	30	IS3025(Part44) Azide Modification.	mg/l
3.	Total Suspended Solids	11	<100	APHA2540D Total Suspended Solids Dried at 103-105°C	mg/l
4.	Chemical Oxygen Demand	40	-	IS3025(Part58):2023, Open Reflux Method.	mg/l
5.	Faecal Coliform	220	<1000	APHA9221E, Multiple-Tube- Fermentation Technique.	MPN/100ml

Analysed by:


(Ganga Rawat)
Jr. Lab Assistant

Checked by:


(Subhash Chand Panwar)
Asst. Environment Engineer

Counter Sign:


(Chandan Singh)
Chief Environment Officer

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

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Sewage Treatment Plant(STP)Test Report

Test report no:	HO/05/25/WW-24-O
Code allotted:	HO/05/25/WW-24-O
Sample Source (S.T.P./any other specify):	S.T.P.(Outlet).
Sampling point:	5.0 MLD STP at Indira Nagar, Dehradun.
Type of sample :Grab/Composite/Integrated:	Grab
Sample collected by:	Mrs. Ganga Rawat (J.L.A.) Mr. Madan Bhandari (FA)
Quantity & Packing: (HDPE/LDPE/P/G/AnyOther):	2L-HDPE 125mL-GLASS
Date of sample collection:	14.05.2025
Date of sample receipt in the laboratory:	14.05.2025
Start Date of analysis:	14.05.2025
End Date of analysis:	21.05.2025

S.No.	Parameters	Results	Standards	TestMethod	Unit
1.	pH (@25°C)	7.61	6.5-9.0	APHA4500H ⁺ B: ElectrometricMethod.	-
2.	Biochemical Oxygen Demand	9.6	30	IS3025(Part44) AzideModification.	mg/l
3.	Total Suspended Solids	11	<100	APHA2540D TotalSuspendedSolidsDriedat 103-105°C	mg/l
4.	Chemical Oxygen Demand	50	-	IS3025(Part58):2023, OpenRefluxMethod.	mg/l
5.	Faecal Coliform	140	<1000	APHA9221E, Multiple-Tube- Fermentation Technique.	MPN/100ml

Analysed by:


(Ganga Rawat)
Jr. Lab Assistant

Checked by:


(Subhash Chand Panwar)
Asst. Environment Engineer

Counter Sign:


(Chandan Singh)
Chief Environment Officer

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Sewage Treatment Plant(STP) Test Report

Test report no:	HO/05/25/WW-25-O
Code allotted:	HO/05/25/WW-25-O
Sample Source (S.T.P./any other specify):	S.T.P.(Outlet).
Sampling point:	3.0 MLD STP at Kaulagarh, Dehradun.
Type of sample :Grab/Composite/Integrated:	Grab
Sample collected by:	Mrs. Ganga Rawat (J.L.A.) Mr. Madan Bhandari (FA)
Quantity & Packing: (HDPE/LDPE/P/G/AnyOther):	2L-HDPE 125mL-GLASS
Date of sample collection:	14.05.2025
Date of sample receipt in the laboratory:	14.05.2025
Start Date of analysis:	14.05.2025
End Date of analysis:	21.05.2025

S.No.	Parameters	Results	Standards	TestMethod	Unit
1.	pH (@25°C)	7.95	6.5-9.0	APHA4500H ⁺ B: ElectrometricMethod.	-
2.	Biochemical Oxygen Demand	9.2	30	IS3025(Part44) AzideModification..	mg/l
3.	Total Suspended Solids	10	<100	APHA2540D TotalSuspendedSolidsDriedat 103-105°C	mg/l
4.	Chemical Oxygen Demand	40	-	IS3025(Part58):2023, OpenRefluxMethod.	mg/l
5.	Faecal Coliform	170	<1000	APHA9221E, Multiple-Tube- Fermentation Technique.	MPN/100ml

Analysed by:


(Ganga Rawat)
Jr. Lab Assistant

Checked by:


(Subhash Chand Panwar)
Asst. Environment Engineer

Counter Sign:


(Chandan Singh)
Chief Environment Officer

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Sewage Treatment Plant(STP) Test Report

Test report no:	HO/05/25/WW-26-O
Code allotted:	HO/05/25/WW-26-O
Sample Source (S.T.P./any other specify):	S.T.P.(Outlet).
Sampling point:	0.42 MLD STP at Vijay Colony, Dehradun.
Type of sample :Grab/Composite/Integrated:	Grab
Sample collected by:	Mrs. Ganga Rawat (J.L.A.) Mr. Madan Bhandari (FA)
Quantity & Packing: (HDPE/LDPE/P/G/AnyOther):	2L-HDPE 125mL-GLASS
Date of sample collection:	14.05.2025
Date of sample receipt in the laboratory:	14.05.2025
Start Date of analysis:	14.05.2025
End Date of analysis:	21.05.2025

S.No.	Parameters	Results	Standards	Test Method	Unit
1.	pH (@25°C)	7.88	6.5-9.0	APHA4500H ⁺ B: Electrometric Method.	-
2.	Biochemical Oxygen Demand	8.8	30	IS3025(Part44) Azide Modification.	mg/l
3.	Total Suspended Solids	09	<100	APHA2540D Total Suspended Solids Dried at 103-105°C	mg/l
4.	Chemical Oxygen Demand	40	-	IS3025(Part58):2023, Open Reflux Method.	mg/l
5.	Faecal Coliform	110	<1000	APHA9221E, Multiple-Tube- Fermentation Technique.	MPN/100ml

Analysed by:


 (Ganga Rawat)
 Jr. Lab Assistant

Checked by:


 (Subhash Chand Panwar)
 Asst. Environment Engineer

Counter Sign:


 (Chandan Singh)
 Chief Environment Officer

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Sewage Treatment Plant(STP)Test Report

Test report no:	HO/05/25/WW-27-O
Code allotted:	HO/05/25/WW-27-O
Sample Source (S.T.P./any other specify):	S.T.P.(Outlet).
Sampling point:	0.71 MLD STP Salawala, Dehradun.
Type of sample :Grab/Composite/Integrated:	Grab
Sample collected by:	Mrs. Ganga Rawat (J.L.A.) Mr. Madan Bhandari (FA)
Quantity & Packing: (HDPE/LDPE/P/G/AnyOther):	2L-HDPE 125mL-GLASS
Date of sample collection:	14.05.2025
Date of sample receipt in the laboratory:	14.05.2025
Start Date of analysis:	14.05.2025
End Date of analysis:	21.05.2025

S.No.	Parameters	Results	Standards	TestMethod	Unit
1.	pH (@25°C)	7.98	6.5-9.0	APHA4500H ⁺ B: ElectrometricMethod.	-
2.	Biochemical Oxygen Demand	9.2	30	IS3025(Part44) AzideModification.	mg/l
3.	Total Suspended Solids	10	<100	APHA2540D TotalSuspendedSolidsDriedat 103-105°C	mg/l
4.	Chemical Oxygen Demand	40	-	IS3025(Part58):2023, OpenRefluxMethod.	mg/l
5.	Faecal Coliform	94	<1000	APHA9221E, Multiple-Tube- Fermentation Technique.	MPN/100ml

Analysed by:


(Ganga Rawat)
Jr. Lab Assistant

Checked by:


(Subhash Chand Panwar)
Asst. Environment Engineer

Counter Sign:


(Chandan Singh)
Chief Environment Officer

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Sewage Treatment Plant(STP) Test Report

Test report no:	HO/05/25/WW-28-O
Code allotted:	HO/05/25/WW-28-O
Sample Source (S.T.P./any other specify):	S.T.P.(Outlet).
Sampling point:	1.0 MLD STP at Jakhan, Dehradun.
Type of sample :Grab/Composite/Integrated:	Grab
Sample collected by:	Mrs. Ganga Rawat (J.L.A.) Mr. Madan Bhandari (FA)
Quantity & Packing: (HDPE/LDPE/P/G/AnyOther):	2L-HDPE 125mL-GLASS
Date of sample collection:	14.05.2025
Date of sample receipt in the laboratory:	14.05.2025
Start Date of analysis:	14.05.2025
End Date of analysis:	21.05.2025

S.No.	Parameters	Results	Standards	TestMethod	Unit
1.	pH (@25°C)	8.07	6.5-9.0	APHA4500H ⁺ B: ElectrometricMethod.	-
2.	Biochemical Oxygen Demand	10.0	30	IS3025(Part44) AzideModification.	mg/l
3.	Total Suspended Solids	13	<100	APHA2540D TotalSuspendedSolidsDriedat 103-105°C	mg/l
4.	Chemical Oxygen Demand	50	-	IS3025(Part58):2023, OpenRefluxMethod.	mg/l
5.	Faecal Coliform	220	<1000	APHA9221E, Multiple-Tube- Fermentation Technique.	MPN/100ml

Analysed by:

Ganga
(Ganga Rawat)
Jr. Lab Assistant

Checked by:

Subhash Chand
(Subhash Chand Ranwar)
Asst. Environment Engineer

Counter Sign:

Chandan Singh
(Chandan Singh)
Chief Environment Officer

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