

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI**

**Original Application No. 606/2018
(In respect of the Union Territory of Ladakh)**

IN THE MATTER OF:-

**Compliance of the Hon'ble National Green Tribunal order
dated 01/09/2025 and 25/03/2026 regarding the Municipal Solid
Waste Management Rules, 2016 and Other Environmental
Issues
(Union Territory of Ladakh)**

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Filed by: -

Dated: 07-07-2026

Place: New Delhi

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THE ADMINISTRATION OF UNION TERRITORY OF LADAKH



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**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI
Original Application No. 606/2018**

IN THE MATTER OF:-

**Compliance of the Municipal Solid Waste Management
Rules, 2016 and other Environmental Issues in O.A 606/2018
Order dated: 01/09/2025 and 30/03/2026.**



**REPLY BY WAY OF AFFIDAVIT ON BEHALF OF THE
ADMINISTRATION OF UNION TERRITORY OF
LADAKH.**

E Stamp No- IN - LA115745866777514

I, Ashish Kundra, aged 53 years, S/o Ashok Kumar Kundra, R/o Punjab, India, presently working as the Chief Secretary, UT of Ladakh, do hereby solemnly affirm and declare as hereunder.

1. The afore-titled matter related to the Municipal Solid Waste and allied issues was listed before the Hon'ble National Green Tribunal, Principal Bench, New Delhi (hereafter Hon'ble NGT) on **01/09/2025**.
2. Pursuant to the hearing on **01/09/2025**, the Hon'ble Tribunal passed the order dt: - 01/09/2025 in respect of the Union Territory of Ladakh to file the next compliance report in the prescribed tabulated format before the next date of hearing on **30/03/2026**.
3. The Hon'ble National Green Tribunal in its hearing held on 30/03/2026 directed to submit the Compliance Report in a tabulated form in terms of the order of the Tribunal dated: **01/09/2025**.
4. The observations/directions issued by the Hon'ble Tribunal as per order dated **01/09/2025** are as follows;

5. A. Solid Waste Management:

- i) Against the waste generation ranging from 23.47-30.38 TPD (Leh and Kargil), installed waste processing facilities are available for 55.0 TPD but the quantity of waste actually processed has not been disclosed.
- ii) Regarding utilisation of compost, it was observed that 850.0 Tons of compost was stocked at the facility. It should be ensured that compost from both the

facilities is properly channelized and utilized.

- iii) We find that Kurbathang site (Kargil) having 66,919 Tons of legacy waste is yet to be remediated which is to be carried out within 450 days from the issue of the letter of intent (26.04.2025). Timelines for remediating the legacy waste be provided

B. Liquid Waste Management

- 
- i. The affidavit does not clearly disclose estimation of sewage generation, except that the existing gaps in sewage treatment of 5.69 MLD and 6.64 MLD in Leh and Kargil, respectively, have been mentioned. We have noted performance results disclosed with respect to 3.0 MLD STP. (Ladakh PCC should check analytical method adopted to analyze BOD (page 292) Details of the final disposal of treated water should be provided.
- ii. We direct the UT to disclose current sewage treatment gaps at Leh and Kargil. Timelines for bridging these gaps should also be provided.
- iii. Considering difficult climatic conditions, UT is contemplating to set up Decentralized STPs and 25 such facilities have been set up. We direct to disclose performance of each installed DSTPs.
- iv. Performance of the individual STPs by hotels be provided and details of reuse/discharge of the treated water for hotels be also disclosed

[C] Ring Fence Account

There is no disclosure on opening of Account for incurring expenditure on sewage and solid waste management. We direct those budgetary allocations to the ULBs be disclosed, along with timelines for bridging the gaps in solid and liquid waste management.

Since the disclosures are not very clear, we direct to furnish data in the following formats in all further reports.

6. In compliance with the Hon'ble NGT order dated: 01/09/2025 and 30/03/2026, para-wise compliance report is hereby submitted for kind consideration.

A) Solid Waste Management

A (i)

The entire 23.47 TPD of municipal solid waste generated is collected, transported and processed. Wet waste is processed at the Waste to Compost (WTC) through composting, while dry waste is processed at the Material Recovery Facility (MRF) through segregation, recovery and scientific disposal/recycling. Thus, 100% of the waste generated is being processed.

A (ii)

The compost produced is being utilised by distribution to various Government Departments for plantation and greening activities. It is also being used for forestry plantations, municipal parks and gardens, landscaping works and other plantation purposes. The accumulated stock is being progressively channelised for productive use.

A (iii)

In Kargil Town, out of the total 66,819 MT of legacy waste reported at the Kurbathang dumpsite, 34,077.69 MT has already been remediated through bio-mining. The remaining legacy waste is under active remediation and 100% remediation is targeted to be completed by 30th November 2026.

B) Liquid Waste Management

B(i) The estimated sewage generation in Leh Town is 8.69 MLD; against which a 3.0 MLD Sewage Treatment Plant (STP) is presently operational. Therefore, the existing gap in sewage treatment is 5.69 MLD in Leh Town.

In Kargil Town, the estimated sewage generation is 6.64 MLD. At present, no STP is operational; therefore, the existing gaps in sewage treatment of 6.64 MLD prevailing in Kargil Town.

B (ii)

Sewage Generation


S. No	City	Projected generated of Sewerage	Functional STP	GAP in assessment	Status
1	Leh	1. Present Status -8.69 MLD	3 MLD	5.69 MLD	Revised DPR is under preparation for augmentation of existing STP from 3 MLD to 5 MLD.
2	Kargil	6.64MLD	none	6.64 MLD	Construction of STP & laying of sewer line in progress. As per the work order issued by PHE Department Kargil, the project is expected to be completed by December 2026.

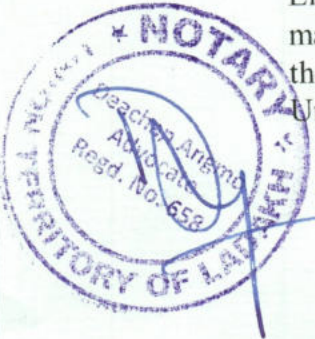
B(iii) A total of 25 STPs having 10KLD capacity has been allotted to 25 beneficiaries, out of which 07 STPs have been installed by the beneficiaries.

B(iv) The efficacy and performance of individual STPs were assessed by Ladakh Pollution Control Committee (LPCC). The test results along with information on reuse and final discharge of treated waste water is enclosed as **Annexure-A**. Further, it is respectfully submitted that as reported by the Water Analysis Laboratory, STP Agling Leh and communicated to Ladakh Pollution Control Committee (LPCC); the analytical method adopted for the analysis of Biochemical Oxygen Demand (BOD) (Page 292) is the 5-Day (BOD₅) Dilution Method in accordance with Standard Methods for the Examination of Water and Wastewater (APHA Method 5210 B).

C: Ring Fence Account

C(i) A dedicated ring-fenced account was opened for Solid Waste Management and Liquid Waste Management on **28.12.2023**. An amount of **₹30.00** crore has been earmarked under the ring-fenced account, out of which **₹5.31** crore has been utilized to date. Funds are being released to the implementing agencies based on

approved Action Plans and project proposals for Solid Waste Management and Liquid Waste Management. The remaining funds shall be utilized in a phased manner for implementation of ongoing and proposed projects aimed at bridging the identified gaps in waste management across the Urban Local Bodies of the Union Territory.



1. Compliance Report in Hon'ble NGT format Solid Waste Management in the State



(1) Name of the ULB	(2) Waste Generation (TPD)*	(3) Composition of Waste (TPD)			(4) Waste Collected (TPD)	(5) Waste Transported (TPD)	(6) Final destination of transported waste (TPD)
		Biodegradable	Dry / Recyclable	Inert			
MC LEH Town	14.59	5.62	8.05	0.92	14.59	14.59	Entire quantity i.e 14.59 TPD is treated /processed at ISWM* facility at Skampari, Leh.
MC KARGIL Town	9.36	3.75	5.049	0.56 1	9.36	9.36	Entire quantity i.e 9.36 TPD treated /processed at ISWM* facility Kurbathang, Kargil.

*Integrated Solid Waste Management Facility (ISWM) – which includes Material Recovery Facility (MRF) & Waste to Compost (WTC)/In Vessel Composting (IVC)

7) Waste Processing					
(A) 7.1) Composting					
a) Intake quantity (TPD)	b) Method adopted	c) Output quantity as Compost (TPD)	d) Quality	e) Residue and Rejects and Management	f) Utilization of compost



3.75 Kargil Town	Bio Digester s	2.065 (50 -60% loss during composting.	The quality of the Compost produced is assessed against the parameters of the FCO notified by the Ministry of	The Residue /rejects are disposed of through landfilling as per the SWM Rules 2016 and its amendments.	Municipal parks, Forest Parks and Gardens.
5.62 Leh Town	In-vessel compostin g method	3.091 (50 -60% loss during composting)	The quality of the compost produced is assessed against the parameters of the FCO notified by the Ministry of Agriculture & Farmers Welfare (MoAFW). Accordingly, it is used for the forestry plantations and for the Municipal gardens.	The Rejects are disposed of through landfilling as per SWM rules	Municipal parks, Forest Parks and Gardens.

*Compost produced at the facilities are distributed to various Departments of the UT Administration such as Forest Department and Municipalities dealing with plantation and other beautification activities like parks and gardens.

7) Waste Processing				
(B) 7.2) Refuse Derived Fuel				
i) Capacity of Plant	ii) Sources of waste for making RDF	iii) RDF Produced	iv) Residue / Reject management	vi) Utilization of RDF
Currently RDF Plant is not available in both Leh & Kargil Towns. The RDF generated in Kargil Town is transported to a Cement Factory in Jammu, in the UT Jammu & Kashmir. As regards to the Leh Town, the process is underway to engage with Cement Factories for disposal of the RDF.				

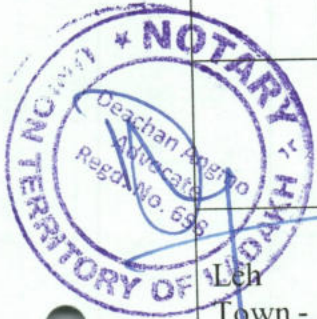
7) Waste Processing					
(C) 7.3) Waste to Energy (Thermal / Methanation route)					
a) Plant capacity	b) Daily inputs of feed	c) Sources of waste	d) Output (Energy)	e) Residue / Rejects management	f) Fly ash and Bottom Ash management
NA	NA	NA	NA	NA	NA

(Currently, the Waste to Energy (WTE) facility is not setup since the quantity of waste generated is suboptimal to setup WTE to run it at efficiency).

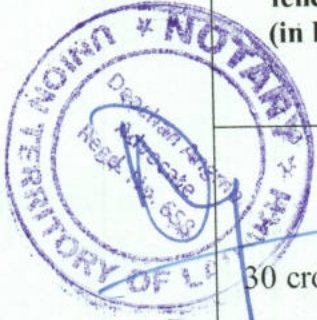
7) Waste Processing			
(D) 7.4) Other Processing			
a) Quantity of inputs	b) Quality of inputs	c) Products and it's utilization	d) Residue / Reject management
Currently, no other facility available in both Leh and Kargil Towns			

8. Gap in Waste generation and Processing	Time bound plan to fill up the Gap
Nil	Not Applicable

9. Legacy Waste								
1) Number of legacy waste dump sites	2) Quantity of legacy waste reported on	3) Present quantity of legacy waste	4) Daily legacy waste being added as unprocess ed waste	5) Quantification and utilization of out of Bioremediation and bio mining				6) gap in legacy waste remediatio n and time bound plan
				Digested material	Plastics	Rubber	Inert and others	
Leh Town - 0	61637 MT (100% remediate d)	0	NA	NA	NA	NA	NA	NA
Kargil Town -1		32741.31 MT (remainin g legacy waste)						
(currently work in progress For remediati on)	66819 MT	(Out of the total 6681 9 MT legacy waste reported, 34077.69 MT has been remediate d already)	Nil	31595.2 MT	513 MT		513 MT	100% remediation will be achieved by 30th November 2026.



10. Ring Fence Account				
1) Amount to be ring fenced (in Rs)	2) Whether single dedicated account has been opened	3) Date of opening account	4) Amount Utilized (in Rs)	5) Plan of utilization
30 crore	Yes	28.12.2023	5.31 crore	Funds have been released based on Action Plans/Proposals on Solid Waste Management and Liquid Waste Management received from the implementing agencies.



SEWAGE MANAGEMENT IN THE STATE.

(A) Name of the ULB	(B) Sewage Status Estimation and Measurement	(C) Sewage Conveyance/sewers		
		Targeted Household to be connected to sewers (2)	House-holds connected (3)	Time targets to complete connectivity (gap in connectivity) (4)
	*Total Sewage Generation per day (in MLD) (1)			
MC Leh Town	8.69	5900 (Approx.)	4380	Revised DPR is under preparation for augmentation of existing STP from 3 MLD to 5 MLD. Through this DPR, coverage of additional 2000 households are envisaged.
MC Kargil Town	6.64	6000 (Approx.)	0	Construction of STP & laying of sewer line in progress, which will cover 3000 approx. households. As per the work order issued by PHE Department Kargil, necessary efforts are being undertaken to complete the work at the earliest.

(D) Drains

Sewage and Sullage flowing in open drains (Storm water drains / concretised drains / unlined/katcha drains) (No. of drains) (5)	Flow in each drain (MLD) (6)	Quality / Characteristics of effluent (7)	Quantity of industrial effluent discharged in drain (MLD) (8)	Final point of discharge of drain (9)	Time bound action plan to Prevent sewage discharge into drain (10)
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Currently, there is no sewage and sullage flowing in open drains in both Leh and Kargil towns.

(E) Sewage treatment and Utilization							
Installed Treatment capacities of existing STPs (MLD) (11)	Utilisation capacity of existing STPs (MLD) (12)	Gap in sewage generation and treatment (MLD) (13)	Time bound plan to set up and operationalize STPs (14)	Performance of STPs with reference to Standards (15)	Final point of discharge of treated effluent (16)	Level of Utilisation of Treated sewage (17)	Sludge generation and its management (18)
Leh Town. 3 MLD	3 MLD	5.69	Revised DPR is under preparation for augmentation of existing STP from 3 MLD to 5 MLD.	Leh STP has been conforming with the CPCB standards.	Indus River (only 10% of treated water is reused. Work for 100% reuse strategy is under progress)	Treated sewage water is extensively used in stone crushing facilities, construction related activities and watering of plantation.	Sludge generated are dried in Greenhouses and further reused as compost.
Kargil Town:	Construction of STP and laying of sewer line in progress, which will cover 3000 approx households. As per the work order issued by PHE Department Kargil, the project is expected to be completed by December 2026. Currently, all the households have septic tank, which are regularly cleaned through desludging vehicle and taken to FSTP in Kargil for further treatment						

1. It is humbly submitted that instant affidavit may kindly be taken on record.
2. This party also reserves the right to file additional submissions with the leave of Hon'ble Tribunal, in the interest of justice in defending the matter.
3. The answering respondent and is duty bound to obey the directions and orders of this Hon'ble Tribunal.


DEPONENT



VERIFICATION:-

Verified at Leh, UT Ladakh on this 3rd day of July, 2026, that the contents of my above affidavit are true and correct to the official record of this case and nothing materials has been concealed there from.

DEPONENT

Verified that the document
 Was declared on oath before me
 by Ruhish Kunder Culme
 who is identified by Rukhsana praveen
 Do

DEACHAN ANGMO
 ADVOCATE
 NOTARY

Reg no: 841
 Date: 3/7/26

3/7/26



**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	The Abduz
Location of Sample	Leh, UT Ladakh
Sample Identification No.	A-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	09-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	29

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.45
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	15
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.1
Organic Parameters	Chemical Oxygen Demand (COD)	mg/l.	APHA 5220 C: Closed reflux, titrimetric method	50	24

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	12
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	3
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	<0.2

Utilization and Disposal of Treated Water: Treated water is utilized for gardening, disposal through soak pit and discharge into the municipal sewer, in accordance with applicable regulations.

D. Chhetri
 Lab In-Charge
 Pollution Control Committee
 Leh, UT, Ladakh
 Lab In-charge



**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

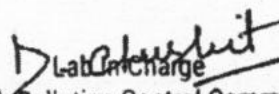
Particulars	Details
Name of Unit Holder	Hotel Asia
Location of Sample	Leh, UT Ladakh
Sample Identification No.	AS-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	23-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	47

Analytical Results: The sample identified as Treated Wastewater (STP) was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-II: pH value with digital pH meter method	5.5-9.0	8.31
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	27
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.9
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	47

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	24
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	7
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.4

Utilization and Disposal of Treated Water: Treated water is utilized for gardening, disposal through soak pit and discharge into the municipal sewer, in accordance with applicable regulations.


 Lab In-charge
 Ladakh Pollution Control Committee
 Leh, UT Ladakh
 Lab In-charge



**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Bharat Ladakh
Location of Sample	Leh, UT Ladakh
Sample Identification No.	B-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	12-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	36

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	8.22
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	40
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.8
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	45

	Biological Oxygen Demand (BOD _{5 days 20 °C})	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	21
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	8.5
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.75

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into the municipal sewer, in accordance with applicable regulations.

D. Chuskit
 Lab In-Charge
 Ladakh Pollution Control Committee
 Leh, UT Ladakh



**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Charmwood
Location of Sample	Leh, UT Ladakh
Sample Identification No.	C-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	17-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	40

Analytical Results: The sample identified as Treated Wastewater (STP) was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.67
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	29
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.1
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	39

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	17
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	6.4
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.89

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

D. Chusket

Lab In-Charge
Ladakh Pollution Control Committee
Leh, UT Ladakh



**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Deskitsal
Location of Sample	Leh, UT Ladakh
Sample Identification No.	D-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	23-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	48

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.62
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	30
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.5
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	45

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	21
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	3.7
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.91

Utilization and Disposal of Treated Water: The treated wastewater is exclusively utilized for gardening and landscape irrigation purposes.

D. Chusht
 Lab In-Charge
 Ladakh Pollution Control Committee
 Leh, UT Ladakh



**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	The Grand Dragon
Location of Sample	Leh, UT Ladakh
Sample Identification No.	DR-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	09-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	30

Analytical Results: The sample identified as Treated Wastewater (STP) was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	6.95
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	30
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.8
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	35

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	11
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	2.3
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.81

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into soak pit for final disposal.

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 Ladakh Pollution Control Committee
 Leh, UT Ladakh



**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Gyalpo Residency
Location of Sample	Leh, UT Ladakh
Sample Identification No.	GR-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	12-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	34

Analytical Results: The sample identified as Treated Wastewater (STP) was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	8.06
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	10.5
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.9
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	48

	Biological Oxygen Demand (BOD _{5 days 20 °C})	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	22
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	4.7
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	<0.2

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Indus Valley
Location of Sample	Leh, UT Ladakh
Sample Identification No.	L-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	10-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	33

Analytical Results: The sample identified as Treated Wastewater (STP) was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.74
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	13.4
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.4
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	32

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test; Bottle incubation for 5-days at 20 °C	30	18
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	4.6
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.45

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into soak pit for final disposal.

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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Kesar Palace
Location of Sample	Leh, UT Ladakh
Sample Identification No.	K-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	12-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	35

Analytical Results: The sample identified as Treated Wastewater (STP) was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.39
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	9.6
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.1
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	32

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	15
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	5.5
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.89

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into the municipal sewer, in accordance with applicable regulations.

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Ladakh Pollution Control Committee
Leh, UT Ladakh



**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Leh Plaza
Location of Sample	Leh, UT Ladakh
Sample Identification No.	LP-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	20-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	44

Analytical Results: The sample identified as Treated Wastewater (STP) was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-II: pH value with digital pH meter method	5.5-9.0	7.30
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	7.5
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.3
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	47

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	22
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	9.1
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.37

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into soak pit for final disposal.

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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Padma
Location of Sample	Leh, UT Ladakh
Sample Identification No.	P-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	10-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	32

Analytical Results: The sample identified as Treated Wastewater (STP) was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.11
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	26
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.9
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	32

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	18
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	1.2
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.47

Utilization and Disposal of Treated Water: Treated water is utilized for gardening, disposal through soak pit and discharge into the municipal sewer, in accordance with applicable regulations.

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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Royal Ladakh
Location of Sample	Leh, UT Ladakh
Sample Identification No.	R-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	16-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	39

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.73
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	4.7
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.0
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	47

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APIA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	23
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	8.5
	Phosphate (as PO ₄ ³⁻)	mg/L	APIA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.57

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into soak pit for final disposal.

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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
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WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Singe Palace
Location of Sample	Leh, UT Ladakh
Sample Identification No.	S-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	20-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	46

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	6.94
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	6.5
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.3
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	37

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APIIA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	14
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	8
	Phosphate (as PO ₄ ³⁻)	mg/L	APIIA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.27

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into the municipal sewer, in accordance with applicable regulations.

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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Tsokar Retreat
Location of Sample	Leh, UT Ladakh
Sample Identification No.	T-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	13-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	37

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.92
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	4.9
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.2
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	47

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	22
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	1.5
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.43

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
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WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Yasmin
Location of Sample	Leh, UT Ladakh
Sample Identification No.	Y-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	16-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	38

Analytical Results: The sample identified as Treated Wastewater (STP) was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APIHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.41
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	6.3
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.0
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APIHA 5220 C: Closed reflux, titrimetric method	50	31

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APIA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	17
Chemical Parameters	Oil and grease	mg/L	APIA 5520 B: Partition-gravimetric method	10	1.4
	Phosphate (as PO ₄ ³⁻)	mg/L	APIA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.37

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into the municipal sewer, in accordance with applicable regulations.

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 Leh, UT Ladakh



**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	The Zen Ladakh
Location of Sample	Leh, UT Ladakh
Sample Identification No.	Z-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	09-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	31

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.38
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	12
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.8
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	27

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	12
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	2.2
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.76

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into the municipal sewer, in accordance with applicable regulations.

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 Leh, UT Ladakh



**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

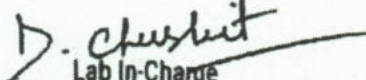
Particulars	Details
Name of Unit Holder	Alpine Villa
Location of Sample	Leh, UT Ladakh
Sample Identification No.	AL-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	25-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	51

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.42
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	15
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.3
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	32

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	15
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	3.1
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.31

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.


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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
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WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Chantsa
Location of Sample	Leh, UT Ladakh
Sample Identification No.	CH-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	25-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	52

Analytical Results: The sample identified as Treated Wastewater (STP) was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.70
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	9.3
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.1
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	27

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	13
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	3.2
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.39

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
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WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Choskor Leh
Location of Sample	Leh, UT Ladakh
Sample Identification No.	CL-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	25-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	53

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.16
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	9.7
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.5
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	22

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	11
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	1.3
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	<0.2

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Glacier View
Location of Sample	Leh, UT Ladakh
Sample Identification No.	GV-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	25-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	56

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.61
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	9.3
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.6
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	19.1

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APIIA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	9.9
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	1.1
	Phosphate (as PO ₄ ³⁻)	mg/L	APIIA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	<0.2

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into the municipal sewer, in accordance with applicable regulations.

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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
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WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Grand Khasdan
Location of Sample	Leh, UT Ladakh
Sample Identification No.	GK-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	25-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	57

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	6.63
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	31.3
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.1
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	43.2

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	22.1
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	7.1
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.87

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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**THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Maitreya
Location of Sample	Leh, UT Ladakh
Sample Identification No.	M-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	23-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	50

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.72
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	17.1
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.0
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	48.3

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APIIA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	25.2
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	5.3
	Phosphate (as PO ₄ ³⁻)	mg/L	APIIA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.63

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Nalanda
Location of Sample	Leh, UT Ladakh
Sample Identification No.	N-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	25-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	59

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.85
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	31.7
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.5
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	27.1

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APIHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	13.2
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	5.6
	Phosphate (as PO ₄ ³⁻)	mg/L	APIHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.57

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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LADAKH POLLUTION CONTROL COMMITTEE**

WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

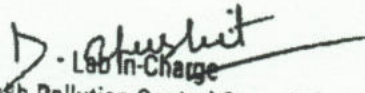
Particulars	Details
Name of Unit Holder	Oasis Villa
Location of Sample	Leh, UT Ladakh
Sample Identification No.	OV-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	25-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	60

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.50
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	8.6
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.6
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	17.3

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	8.1
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	3.1
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	<0.2

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and landscape irrigation.


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WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Omasila
Location of Sample	Leh, UT Ladakh
Sample Identification No.	O-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	17-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	41

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.72
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	13
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.1
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	43.5

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APIIA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	22.1
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	5.7
	Phosphate (as PO ₄ ³⁻)	mg/L	APIIA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.57

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Caravan Centre
Location of Sample	Leh, UT Ladakh
Sample Identification No.	CC-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	25-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	55

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.71
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	31
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.4
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	152

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	57
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	7.2
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.7

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Essence at Ladakh Resort
Location of Sample	Leh, UT Ladakh
Sample Identification No.	E-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	17-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	42

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.45
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	20.1
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.3
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	256

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	82
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	5.9
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	<0.2

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into the municipal sewer, in accordance with applicable regulations.

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Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	The Gawaling Ladakh
Location of Sample	Leh, UT Ladakh
Sample Identification No.	GL-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	25-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	54

Analytical Results: The sample identified as Treated Wastewater (STP) was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.61
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	27.5
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.5
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	174

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	61
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	6.1
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	0.7

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into the municipal sewer, in accordance with applicable regulations.

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WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Ladakh Residency
Location of Sample	Leh, UT Ladakh
Sample Identification No.	LR-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	19-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	29

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	6.84
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	27.6
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	6.0
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	156

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	49
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	8.4
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	3.6

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Martsemik
Location of Sample	Leh, UT Ladakh
Sample Identification No.	MR-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	25-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	58

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.48
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	35.4
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.8
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	246

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	89
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	7.2
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	3.7

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Shambala
Location of Sample	Leh, UT Ladakh
Sample Identification No.	SH-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	23-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	49

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.64
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	35.7
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.7
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	86

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	33
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	5.4
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	5.0

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge into the municipal sewer, in accordance with applicable regulations.

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WATER LABORATORY

Analysis Report of Treated Wastewater (Hotel)

Sample Information:

Particulars	Details
Name of Unit Holder	Hotel Shangrila
Location of Sample	Leh, UT Ladakh
Sample Identification No.	SL-01
Nature of Sample	Treated Wastewater
Sampling Method	Grab Sampling
Date of Sample Receipt	20-06-26
Mode of Sample Receipt	Collected by Laboratory Personnel
Test report No.	45

Analytical Results: The sample identified as **Treated Wastewater (STP)** was received for analysis and tested in accordance with the applicable standard methods under the discipline of chemical testing. The analytical results are presented below:

Category	Parameter	Unit	Method	Permissible Limit as per GSR794(E) dated 04.11.2009	Results
Physical Parameters	pH	-	APHA 4500-H: pH value with digital pH meter method	5.5-9.0	7.34
	Total Suspended Solid (TSS)	mg/L	APHA 2540-D: Total dissolved solids dried at 103-105 °C	50	23.5
	Dissolved Oxygen (DO)	mg/L	APHA 4500-O-C: Azide modification (Modified winkler's method)	More than 5	5.3
Organic Parameters	Chemical Oxygen Demand (COD)	mg/L	APHA 5220 C: Closed reflux, titrimetric method	50	267

	Biological Oxygen Demand (BOD ₅ days 20 °C)	mg/L	APHA 5210 B: 5-day BOD test: Bottle incubation for 5-days at 20 °C	30	83
Chemical Parameters	Oil and grease	mg/L	APHA 5520 B: Partition-gravimetric method	10	9.7
	Phosphate (as PO ₄ ³⁻)	mg/L	APHA 4500-P E: Ascorbic acid method (Molybdenum blue method)	1	3.4

Utilization and Disposal of Treated Water: Treated water is utilized for gardening and discharge through soak pit for final disposal.

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