



सं० टीएचडीसी/ऋ०/सा० एवं पर्या०/फ०-117/ 12० (ए)

दिनांक : 19.09.2025

सेवा में,

सदस्य सचिव,  
उत्तराखंड प्रदूषण नियंत्रण बोर्ड,  
गौरा देवी पर्यावरण भवन, 46 B, IT पार्क,  
सहस्त्रधारा रोड, देहरादून, उत्तराखंड  
248013

**विषय: 444 MW विष्णुगाड़ पीपलकोटी जल विद्युत् परियोजना जिला चमोली हेतु वित्तीय वर्ष 2024-2025 के Environment Statement (Form V) के सम्बन्ध में ।**

महोदय,

उपरोक्त विषयक निर्माणाधीन 444 MW विष्णुगाड़ पीपलकोटी जल विद्युत् परियोजना जिला चमोली के फार्म V (Environment Statement - वित्तीय वर्ष 2024-25) को इस पत्र के माध्यम से संलग्न कर आपके सुलभ सन्दर्भ हेतु प्रेषित किया जा रहा है।

सधन्यवाद,

  
19/09/2025

(विपिन थपलियाल)

उप महाप्रबन्धक (पर्यावरण)

संलग्नक: उपरोक्तानुसार

प्रतिलिपि: सादर सूचनार्थ

1. मुख्य महाप्रबंधक (परियोजना), टीएचडीसीआईएल, पीपलकोटी ।
2. महाप्रबंधक (सा० एव पर्या०), टीएचडीसीआईएल, ऋषिकेश ।

# **ENVIRONMENTAL STATEMENT REPORT**

**For Year 2024-25**

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**Vishnugad Pipalkoti Hydro Electric Project (444 MW) of THDC India  
Limited**

Submitted to:

**Uttarakhand Pollution Control Board (UKPCB)**

**FORM - V**  
**ENVIRONMENTAL STATEMENT REPORT**  
**For Year – 2024 - 25**

**M/s. THDC India Limited – Vishnugad Pipalkoti Hydro Electric Project, Chamoli**

**PART- A**

1.	Name and address of the owner/Occupier of the Industry, operation or process	Sh. Ajay Verma Chief General Manager (Project) THDC India Limited, Vishnugad Pipalkoti Hydro Electric Project P.O. – Pipalkoti, District – Chamoli Uttarakhand, 246472
2.	Date of the last environmental Audit report submitted	: 24.09.2024
3.	Production Capacity	: 444 MW (Under Construction)
4.	Year of Establishment	: Under Construction
5.	Last Environment Statement Submitted	Submitted for FY 2023-2024

**PART- B**

**WATER AND RAW MATERIAL CONSUMPTION**

1.	Water Consumption	
	Cooling: (Spraying)	NA
	Domestic / Drinking Water	1,31,976 KL/Year  RO water purifiers are installed at all Offices/Camp/Sites/Mess
	Sprinkling/Dust Suppression	23,586 KL  Water Tankers of 9KL Capacity are used for sprinkling/Dust Suppression
	Process	NA

Name of Products	Water Consumption per unit of Product	
	During the previous Financial Year 2023-24	During the Current Financial Year 2024-25
	Not Applicable (Project is Under Construction)	

2.	Raw Material Consumption	
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Name of Raw Material Consume	Name of Products	Consumption of raw material per day
Not Applicable (Project is Under Construction)		

**PART- C****Pollution discharged to environment/unit of output**

<b>Pollutants</b>	<b>Quantity of pollutants discharged (mass/day)</b>	<b>Concentration of pollutants in discharges (mass/volume)</b>	<b>Percentage of variation from prescribed standard with reasons</b>
Water	NA (Project is Under Construction)		
Air	NA (Project is Under Construction)		

**PART- D****(HAZARDOUS WASTES)**

<b>Hazardous Wastes</b>	<b>Total Quantity (Kg)</b>	
	<b>During the previous financial year 2023-24</b>	<b>During the current financial Year 2024-25</b>
<b>(a) From process (project construction activities)</b>		
<b>Used Tyres &amp; Tubes</b>	179 Nos.	133 Nos.
<b>Waste Oil</b>	513 ltr.	10,394 ltr.
<b>Hydraulic Oil</b>		
<b>Gear Oil SP257</b>		
<b>Grease</b>	Nil	Nil
<b>Batteries</b>	21 Nos.	134 Nos.
<b>Waste or residue containing oil</b>	Nil	400 Drums
<b>(b) From pollution Control Facilities</b>	Not Applicable	Not Applicable

**PART- E**

**SOLID WASTES**

<b>Total Quantity (Kg)</b>		
	<b>During the previous financial year 2023-24</b>	<b>During the current financial Year 2024-25</b>
<b>(a) From process</b>	10,805 Kg (approx.) Solid waste estimated for disposal through local bodies.	19,023 Kg. (approx.) Solid waste estimated for disposal through local bodies.
<b>(b) From pollution Control Facilities</b>	NA	

**PART- F**

Please specify the characterizations (in terms of composition of quantum) of Hazardous as well solid waste and indicate disposal practice adopted for both these categories of wastes.

<b>1</b>	<b>Hazardous Wastes (Composition)</b>	<b>Total Quantity</b>	
		<b>During Previous Financial Year 2023-24</b>	<b>During Current Financial Year 2024-25</b>
a)	<b>Used Tyres &amp; Tubes</b>	179 Nos.	133 Nos.
b)	<b>Waste Oil</b>	513ltr.	10,394 ltr.
c)	<b>Hydraulic Oil</b>		
d)	<b>Gear Oil SP257</b>		
e)	<b>Grease</b>	Nil	Nil
f)	<b>Batteries</b>	21 Nos.  (15 Nos. with buy back option as per new battery rule)	134 Nos.
g)	<b>Waste or residue containing oil</b>	Nil	400 Drums
h)	<b>Process residue- waste tungsten carbide</b>	NIL	NIL
<b>2</b>	<b>Description of Storage</b>	All waste is collected in leak proof closed vessels (Drums) at designated Hazardous waste storage area. Waste oil stored in closed drums and stored at Hazardous waste storage area provided with oil & grease traps. To prevent the spillage of oil while dispensing, drip trays are in use with impervious concrete surfaces.	

3	Details of Disposal of Hazardous Waste	Name & address of consignee	Mode of Packing	Mode of transportation	Date of transportation
	Waste Oil	Arman Refinery	Leak proof containers	Small Transporting Vehicle (HCC)	19.11.2024
	Used Tyres & Tubes	Indian Enterprises Pvt. Ltd.	MS Containers	Small Transporting Vehicle (HCC)	19.09.2024
	Battery Waste	-	-	-	-
4	Quantity of useful material sent back to the manufacturers and others	Nil			

#### **PART- G**

#### **Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.**

Various measures are being taken care of at the VPHEP project site as per the approved Environment Management Plan of the budget of Rs. 109.53 Cr. Also, the Project is funded by the World Bank and all the best practices are being implemented at the Project. An expenditure of 85.19 Cr has already been incurred against the Environment Management Plan (EMP) of VPHEP.

The EMP implementation works are being monitored by the 3rd party agency i.e. M/s WAPCOS on a monthly basis. The EMP implementation is well in place and no adverse impacts are reported by the agency.

#### **PART- H**

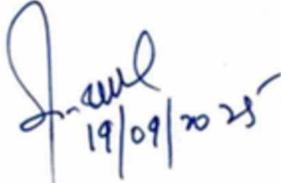
#### **Additional measures/ investment proposal for environmental protection including abatement of pollution, prevention of pollution.**

- Environmental Monitoring of the Parameters is being done as per approved EMP.
- Operation of Waste water treatment plant of 2 MLD capacity to treat waste water generated at TBM site and treated water is reused for sprinkling purpose.
- Environmental Awareness Program for raising awareness among local residents is conducted from time to time with the help of noted Environmentalists and State Forest officials.
- Conduct regular training for construction workers on environmental best practices and the importance of adhering to environmental measures.

#### **PART- I**

#### **Any other particulates in respect of environmental protection and abatement of pollution.**

- The project is ISO QMS 9001:2015, ISO EMS 14001:2015 & OH&S 45001:2018 certified project.
- Plantation at various project areas including distribution of plants among villagers being executed from time to time. Greenbelt has also been developed around the office complex.
- The Contractor has appointed Health, Safety & Environment Staff exclusively to take care of Environmental measurement.



**Prepared By: Vipin Thapliyal**  
**DGM (Environment)**

**For: THDC India Limited**

**Dated: 19.09.2025**