



टीएचडीसी इंडिया लिमिटेड  
(श्रेणी-क मिनी रत्न उपक्रम)  
**THDC INDIA LIMITED**  
(Schedule - A Mini Ratna PSU)



**LIFE**  
Lifestyle for  
Environment

सं० टीएचडीसी/ऋ०/सा० एवं पर्या०/फ०-117/144(ह)

दिनांक : 24.09.2024

सेवा में,

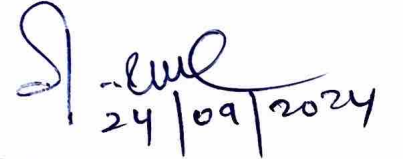
सदस्य सचिव,  
उत्तराखंड प्रदूषण नियंत्रण बोर्ड,  
गौरा देवी पर्यावरण भवन, 46 B, IT पार्क,  
सहस्त्रधारा रोड, देहरादून, उत्तराखंड  
248013

**विषय: 444 MW विष्णुगाड़ पीपलकोटी जल विद्युत् परियोजना जिला चमोली हेतु वित्तीय वर्ष 2023-2024 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 2023-24) को इस पत्र के माध्यम से संलग्न कर आपके सुलभ सन्दर्भ हेतु प्रेषित किया जा रहा है।

सधन्यवाद,

  
24/09/2024

(विपिन थपलियाल)

उप महाप्रबन्धक (पर्यावरण)

संलग्नक: उपरोक्तानुसार

**प्रतिलिपि: सादर सूचनार्थ**

1. महाप्रबंधक (सा० एवं पर्या०), टीएचडीसीआईएल, ऋषिकेश।
2. अपर महाप्रबंधक (सा० एवं पर्या०), टीएचडीसीआईएल, पीपलकोटी।

# **ENVIRONMENTAL STATEMENT REPORT**

**For Year 2023-2024**

**Submitted to:**

**Uttarakhand Pollution Control Board(UKPCB)**

**FORM – V**  
**ENVIRONMENTAL STATEMENT REPORT**  
**FOR 2023 - 2024**

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

**PART – A**

<b>1.</b>	<b>Name &amp; Address of the Owner/Occupier of the Industry, Operation or Process</b>	Sh. Ajay Verma Chief General Manager, Project THDC India Limited, Vishnugad Pipalkoti Hydro Electric Project, P.O – Pipalkoti, District – Chamoli, Uttarakhand, 246472
<b>2.</b>	<b>Date of the Last Environmental Audit Report Submitted</b>	20.09.2023
<b>3.</b>	<b>Production Capacity</b>	444MW
<b>4.</b>	<b>Year of Establishment</b>	Under Construction
<b>5.</b>	<b>Last Environmental Statement Submitted</b>	Submitted for FY 2022 -2023

**PART – B**

**WATER AND RAW MATERIAL CONSUMPTION**

<b>1.</b>	<b>Water Consumption</b>	
	Cooling (Spraying)	NA
	Domestic/Drinking Water	71,145 KL (From Mechanical Dept. VPHEP) & 53,713 KL (From M/s HCC) = Total 1,24,858 KL/Year  RO water purifiers are installed at all Offices/ Camp/Sites/Mess
	Sprinkling/Dust Suppression	62,849 KL (From M/s HCC) Water Tankers of 9KL Capacity are used for sprinkling/Dust Suppression.
	Process	NA

<b>Name of Products</b>	<b>Water Consumption per unit of product</b>	
	<b>During the Previous Financial Year 2022-23</b>	<b>During the Current Financial Year 2023-24</b>
	NA (Project is Under Construction)	

<b>2.</b>	<b>Raw Material Consumption</b>
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<b>Name of Raw Material Consume</b>	<b>Name of Products</b>	<b>Consumption of Raw Material Per day</b>
	NA (Project is Under Construction)	

**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

1	Hazardous Wastes (Composition)	Total Quantity			
		During the Previous Financial Year 2022-23	During the Current Financial Year 2023-24		
a)	Used Tyres & Tubes	132 Nos.	179 Nos.		
b)	Waste Oil	6226 ltr.	513 ltr.		
c)	Hydraulic Oil				
d)	Gear Oil SP257				
e)	Grease	Nil	Nil		
f)	Batteries	114 Nos. (67 Nos. with buy back option as per new battery rule)	21 Nos. (15 Nos. with buy back option as per new battery rule)		
g)	Waste or Residue Containing Oil	Nil	Nil		
h)	Process residue waste Tungsten Carbide	Nil	Nil		
2	Description of Storage	<ul style="list-style-type: none"><li>• All waste are collected in leak proof closed vessels (Drums) at designated Hazardous waste storage area.</li><li>• Waste oil stored in closed drums and stored at Hazardous waste storage area provided with oil &amp; grease traps.</li><li>• To prevent the spillage of oil while dispensing, drip trays are in use with impervious concrete surface.</li></ul>			
3	Details of Disposal of Hazardous Waste	Name & address of Consignee	Mode of Packing	Modes of Transportation	Date of Transportation
	Waste Oil				
	Used Tyres & Tubes	Indian Enterprises	Recyclable MS Containers	Small Transporting Vehicle	29.07.2023 & 07.08.2023
	Battery Waste				
4	Quantity of useful material sent back to the manufacturers and others	Nil			



### PART – C

#### Pollution Discharged to Environment/Unit of Output

Pollutants	Quantity of Pollutants Discharged (Mass/Day)	Concentration of Pollutants in discharges (Mass/Volume)	Percentages of Variation from prescribed standard with reasons
Water	NA (Project is Under Construction)		
Air	NA (Project is Under Construction)		

### PART – D

#### HAZARDOUS WASTE

Hazardous Waste	Total Quantity (Kg)	
	During the Previous Financial Year 2022-23	During the Current Financial Year 2023-24
a) From Process (Project construction activities)		
Used Tyre & Tubes	132 Nos.	179 Nos.
Waste Oil	6226 ltr.	513 ltr.
Hydraulic Oil		
Gear Oil SP257		
Grease	Nil	Nil
Batteries	114 Nos.	21 Nos.
Waste or Residue Containing Oil	Nil	Nil
b) From Pollution Control Facilities	Not Applicable	Not Applicable

### PART – E

#### SOLID WASTE

	Total Quantity (Kg)	
	During the Previous Financial Year 2022-23	During the Current Financial Year 2023-24
a) From Process	8,750 Kg (approx.) Solid waste estimated for disposal through local bodies	10,805 Kg (approx.) Solid waste estimated for disposal through local bodies
b) From Pollution Control Facilities	NA	

#### **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 83.99 Cr has already been incurred in the 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 Environment Management Plan.
- 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.
- Conducting regular training for construction workers on environment 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, & OHSAS 45001 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 (Env't)**

**Dated : 24.09.2024**

**For : THDC India Limited**