



75
Azadi Ka
Amrit Mahotsav

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



(CORPORATE S&E DEPARTMENT)
(कॉर्पोरेट सामाजिक एवं पर्यावरण विभाग)

सं० टीएचडीसी/ऋ०/सा० एवं पर्या०/फ०-117/216-ए/

दिनांक: 20.09.2023

सेवा में,

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

विषय: 444 MW विष्णुगाड पीपलकोटी जल विद्युत परियोजना जिला चमोली हेतु वित्तीय वर्ष 2022-2023 के Environment Statement (Form V) के सम्बन्ध में |

महोदय,

उपरोक्त विषयक निर्माणाधीन 444 MW विष्णुगाड पीपलकोटी जल विद्युत परियोजना जिला चमोली के फार्म V (Environment Statement - वित्तीय वर्ष 2022-23) को इस पत्र के माध्यम से संलग्न कर आपके सुलभ सन्दर्भ हेतु प्रेषित किया जा रहा है।

सधन्यवाद,

संलग्नक: उपरोक्तानुसार

Paul
20/09/2023

(विपिन थपलियाल)
उप महाप्रबंधक (पर्यावरण)

प्रतिलिपि: सादर सूचनार्थ

- अपर महाप्रबंधक (सा० एवं पर्या०), टीएचडीसीआईएल, ऋषिकेश |
- अपर महाप्रबंधक (सा० एवं पर्या०), टीएचडीसीआईएल, पीपलकोटी |

ENVIRONMENTAL STATEMENT REPORT

For Year 2022-23

Submitted to:

Uttarakhand Pollution Control Board (UKPCB)

FORM - V
ENVIRONMENTAL STATEMENT REPORT
For Year – 2022 - 23

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

PART- A

(i)	Name and address of the owner/Occupier of the Industry, operation or process	Sh. R.N. Singh OSD (Project) THDC India Limited, Vishnugad Pipalkoti Hydro Electric Project, P.O.- Pipalkoti, District- Chamoli, Uttarakhand
(ii)	Date of the last environmental Audit report submitted	: 29.09.2022
(iii)	Production Capacity	: 444 MW (Under Construction)
(iv)	Year of Establishment	: Under Construction
(v)	Last Environment Statement Submitted	Submitted for FY 2021-22

PART- B

WATER AND RAW MATERIAL CONSUMPTION

(i)	Water Consumption	
	Cooling: (Spraying)	NA
	Domestic / Drinking Water	49640.00 KL (from HCC), 38800.00 KL (from Mechanical) – 88440.00 Total KL/Year RO water purifiers are installed at all Office Premises, Guest House and Field Hostels.
	Sprinkling (Dust Suppression)	43200.00 KL (From HCC) Tankers of quantity 10 KL are used for suppression.
	Process	NA

Name of Products	Water Consumption per unit of Product	
	During the previous Financial Year	During the Current Financial Year
1.	Not Applicable (Project is Under Construction)	
2.		
3.		
4.		

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

PART- C

Pollution discharged to environment/unit of output

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

PART- D

(HAZARDOUS WASTES)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
(a) From process (project construction activities)		
Used Tyres & Tubes	04 Nos.	132 Nos.
Waste Oil	2687 ltr.	6226 ltr.
Hydraulic Oil		
Gear Oil SP257		
Grease	Nil	Nil
Batteries	107 Nos.	114 Nos.
Waste or residue containing oil	Nil	Nil
(b) From pollution Control Facilities	Not Applicable	Not Applicable

PART- E

SOLID WASTES

	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
(a) From process	4700 kg Solid Waste estimated for disposal through local bodies.	8750 kg (approx) solid Waste estimated for disposal through local bodies.

(b) From pollution Control Facilities	
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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 previous Financial Year	During Current Financial Year		
a)	Used Tyres & Tubes	04 Nos.	132 Nos.		
b)	Waste Oil	2687 ltr.	6226 ltr.		
c)	Hydraulic Oil				
d)	Gear Oil SP257				
e)	Grease	Nil	Nil		
f)	Batteries	107 Nos.	114 Nos.		
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"> All the wastes are collected in leakproof closed vessels (Drums) at designated hazardous waste storage areas. Waste oil stored in closed drums and stored at Hazardous waste storage area provided with oil & and 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	M/s. Armaan refinery	Leak proof recyclable containers	Small Transporting vehicle (HCC)	04/02/2023
	Used Tyres & Tubes	M/s. Arju Traders	Recyclable MS Containers	Small Transporting vehicle (HCC)	27/11/2022
	Battery waste	M/s. Farswan Tyres	Leak proof recyclable boxes	Small Transporting vehicle (HCC)	07/11/2022
4	Quantity of useful material sent back to the manufacturers and others	108 Nos. Batteries sent back to the manufacturers on buyback system.			

Solid Waste	

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 83.67 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, and prevention of pollution.

- Environmental Monitoring of the parameters is being done as per the approved Environmental Management Plan.
- Environment Awareness program for raising awareness among Local residents is conducted from time to time with the help of noted Environmentalists and State Forest officials.

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 and 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 and Environment Staff exclusively to take care of Safety and Environmental Issues.

Prepared By : Vipin Thapliyal
DGM (Envt)

For : THDC India
Limited

Dated : 20.09.2023

