



JSWHEL/KW/FormV/PCB/2025- 14218
20th September 2025

JSW Hydro Energy Limited

(formerly Himachal Baspa Power Company Limited)

Karcham - Wangtoo H. E. Project

Sholtu Colony, P O. Tapri - 172104
District Kinnaur (Himachal Pradesh)

CIN. : U40101HP2014PLC000681

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To
The Asstt. Environmental Engineer
H.P. State Pollution Control Board
Rampur, District Shimla
Himachal Pardesh-172001

Sub: Submission of Environment Statement (Form V) for FY ending 31st March 2025-Karcham Wangtoo HEP (1045MW), District Kinnaur (H.P)

Dear Sir,

Enclosed herewith please find **Environment Statement (Form V)** in accordance the provisions of rule-14 of Environment (Protection) Amendment Rules, 1993 of the Environment (Protection) Act, 1986 for the **FY ending 31st March 2025**, pertaining to **Karcham Wangtoo HEP (1045MW)**, District Kinnaur, Himachal Pradesh.

Thanking you

Yours faithfully
For **JSW Hydro Energy Limited**

(Authorized Signatory)

Encl: As above



Part of O. P. Jindal Group

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HIMACHAL STATE POLLUTION CONTROL BOARD

FORM V

(See Rule 14)

financial Year: 2024-2025

Environmental Statement for the financial year ending on 31st March on or before 30th of September every year.

Name and address of the unit / HCF : JSW HYDRO ENERGY LIMITED,
KARCHAM WANGTOO HEP,
Sholtu Colony. P.O. Tapri, District Kinnaur,
H.PSholtu,
Kinnaur

PART A

- (i) Name and address of the owner/ occupier of the industry operation or process : GYAN BHADRA KUMAR
- (ii) Industry category Primary-(STC Code) : RED, 1009-Power generation plant [except
Secondary-(STC Code) : Wind and Solar renewable power plants of
all capacities and Mini Hydel power plant of
capacity <25MW]

(iii) Production capacity

Product Name	Quantity	Unit
(iv) Year of establishment	2011	
(v) Date of the last environment statement submitted		
Attach File	N/A	

PART B

1. Water consumption m³/ d

Process : NIL

Cooling : 960 m³/day (after cooling, water goes back to satluj river through TRT. In reality, water consumption is negligible)

Domestic : 162 m³/day

Name of products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
Electricity	NIL	NIL

2. Raw material consumption

Name of raw materials	Name of products	Consumption of raw material per unit	
		During the previous financial year	During the current financial year
Water	Electricity	NIL	NIL

File attach : N/A

*Industry may use codes if disclosing details of raw materials would violate contractual obligations, otherwise all industries have to name the raw material used.

PART C

Pollution discharged to environment/ unit of output.

Pollution	Quantity of pollutants discharged(mass/day)	Concentration of pollutants in discharges(mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water	STP	pH 6.98, TSS 40.0 mg/l, TDS 521 mg/l, BOD 23.0 mg/l, COD 150 mg/l, Oil & grease 2.50 mg/l	Within Limit as per CPCB
(a) Air	Stack Emission	SPM-58.3mg/Nm ³ , NO ₂ -155mg/Nm ³ , SO ₂ -35mg/Nm ³ , CO-78mg/Nm ³	Within Limit as per CPCB

File attach : N/A

PART D

Hazardous Wastes

(as specified under Hazardous Wastes (Management and Handling) Rules, 1989)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
(a) From process	3125 Ltr. of used oil generated in FY 2024-25	1550 Ltr of used oil generated in current FY (April 2025 to August 2025)
(b) From pollution control facilities	NIL	NIL

File attach : N/A

PART E

Solid Wastes

	Total Quantity	
	During the previous financial year	During the current financial year
(a) From process	NIL	NIL
(b) From pollution control facility	No Solid waste is generated from PCD during FY 2024-25	No Solid waste generated from PCD during this financial year
(c)(1) Quantity recycled or re-utilised within the unit	About 2.0 kg/day of kitchen waste is converted into compost/manure through Composters installed in the company premises in FY 2024-25	About 2.0 kg/day of kitchen waste is converted into compost/manure through Composters installed in the company premises in this FY
(2) Sold	NIL	NIL
(3) Disposed	Converted into compost/fertilizer	Converted into compost/fertilizer

File attach : N/A

PART F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes 3360 Ltr of used oil as HW sent to authorized recycler for disposal in current FY (June 2025). Current stock of used oil is 1315 Ltr (as on 31st August 2025) .

File attach : N/A

PART G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production Plant is in operation, therefore it does not cause adverse effect on the environment including natural resources. For conservation of biodiversity, we have biodiversity conservation plan, under which extensive plantation is being carried out every year. For conservation of air and water resources, we have well established mechanism for conservation of these resources. It has been mentioned in section C . .

File attach : N/A

PART H

Additional measures/ investment proposal for environmental protection abatement of pollution, prevention of pollution A total No. of 3050 trees planted in the plant premises in FY 2024-25 .

File attach : N/A

PART I

Any other particulars for improving the quality of the environment

NA .

File attach : N/A



Amesha