

MPCL/JARI/MOEF/2023-24/76

Dated: 24.06.2023  
PROUD TO BE INDIAN  
PRIVILEGED TO BE GLOBAL

Scientist "C",  
Ministry of Environment, Forest & Climate Change  
Regional Office (North Central Zone)  
25 Subash Road, Dehradun – 248001

**Subject:** - Information regarding Environmental safe guard by Malana Hydro Electric Project

Dear Sir,

With reference to subject cited matter, the information desired by you regarding environmental safeguards for our project are as under.

1. The six monthly progresses achieved under Compensatory Afforestation and CAT Plan during the FY 2022-23 up to 31.03.2023 for Malana-1 HEP is enclosed herewith as Annexure-1
2. We are continuing the facilities of Acupressure, free medicines & providing part time service of qualified allopathic doctor for the people of surrounding villages in addition to our employees.( Details of the patient and budget allocated is attached as Annexure-II along with the CSR & EHS expenditure of last year )
3. We are releasing the minimum 15% discharge in the river course .Online monitoring of the discharge and this six monthly compliance report can be seen on our web site [www.malanapower.com](http://www.malanapower.com)
4. We have planted 1000 nos. sapling of deodar and other species of plants( Robinia, kosh ) in om world Environment day and has planned to plant 2000 more trees in this winter .
5. In addition to this we are disposing the solid waste generated in our housing complex through the Solid Waste Treatment Plant of at our sister- concern ADHEPL at Prini – Manali.( Detail mentioned in Annexuere III
6. Copy of previous consent to operate up to 31/03/2025 has been sent to your office earlier with our official letter no. MPCL/JARI/MOEF/2022-23/87 dated 28.06.2022
7. Noise pollution details , e-waste returns are attached as annexure IV
8. Regarding the constitution of multi-disciplinary committee (to check the physical and financial progress of the CAT Plan , compensatory afforestation, and possibility to handing over the unused forest land along with Dumping sites ) the matter had been again taken up with the local forest Deptt and is still pending at their end.
9. Soft copy of the above six monthly progress report will be uploaded on our web site [www.malanapower.com](http://www.malanapower.com) simultaneously please.

This is for your kind information please.

Yours faithfully,

For & on Behalf of  
Malana Power Co. Ltd



(Er T.K. Trehan)  
VP (O&M)

**Malana Power Company Limited**

Encls. – As above

**Site & Regd. Office :**  
Village Chowki, P. O. Jari, Tehsil Bhunter  
Distt. Kullu - 175 105 , (H.P.), India  
Tel. : +91-1902-276074 / 75  
Fax : +91-1902-276351  
Website : [www.malanapower.com](http://www.malanapower.com)  
GSTIN: 02AABCM1108R2ZM

**Corporate Office :**  
Bhilwara Towers, A-12, Sector-1  
Noida - 201 301 (NCR-Delhi), India  
Tel. : +91-120-4390300 (EPABX)  
Fax : +91-120-4277841  
Website : [www.lnjbhilwara.com](http://www.lnjbhilwara.com)  
GSTIN: 09AABCM1108R1Z9

Corporate Identification Number: U40101HP1997PLC019959

No. CAMPA/2023-24/ 1696 /  
Himachal Pradesh Forest Department  
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Dated Shamshi; the/ 17/8/2023

From

Divisional Forest Officer,  
Parvati Forest Division, Shamshi.

To

✓ General Manager,  
M/S Malana Power Company Limited ( Malana-I HEP),  
Vill. Chowki, PO Jari, Tehsil Bhunter, Distt. Kullu, HP.

**Subject:- Progress achieved under Compensatory Afforestation and CAT Plan during the Financial Year 2022-23 upto March 2023 for Malana-I HEP.**

Sir,

Please refer to your office letter No. MPCL/ JARI / FOREST/ 2023-24/47 dated 02.06.2023, on the subject cited above.

2. As desired vide your above referred communication, please find enclosed herewith Physical and Financial quarterly progress report for the period Sep. 2022 to March. 2023 under CAT Plan of Malana-I Hydro Electric Power Project for favour of kind information and further necessary action please. As far as target fixed for next six months i.e March- 2023 to Sep. 2023 is concerned, it is submitted that till date no targets for the current financial year 2023-24 has been approved by the competent authority.

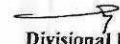
Yours faithfully,

Encls: As above.

  
(Parveen Kumar), IFS  
Divisional Forest Officer,  
Parvati Forest Division, Shamshi  
G Mail - [dfoparvati@gmail.com](mailto:dfoparvati@gmail.com)  
Ph. No. 01902-265041

**Quarterly Progress report of CAT PLAN MALANA-I under CAMPA for the qtr ending 31.03.2023.**

S.N.	Name of component/ activity	Name of circle	Name of Division	Name of Range	Name of Block	Name of Beat	Name of area /Nry /Building/Road etc.	Target allotted 2022-23		Targets achieved upto previous qtr. (i.e. 31.12.2022)		Targets achieved during the qtr. (i.e. 31.03.2023)		Progressive Total		Remarks
								Phy.	Fin.	Phy	Fin	Phy	Fin	Phy	Fin	
1	CAT PLAN															
	Malana- I HEP															
	Maint. Of old plantation															
	5th. year Maintt.	Kullu	Parvati	Kasol	Kasol	Malana	Ushko	5	14000	5	14000	0	0	5	14000	
							Total 5th. year Maintt.	5	14000	5	14000	0	0	5	14000	
							Total Maintenance.	5	14000	5	14000	0	0	5	14000	
							Total Malana- I -HEP	5	14000	5	14000	0	0	5	14000	

  
 Divisional Forest Officer,  
 Parvati Forest Division Shamshi

MALANA HYDRO ELECTRIC POWER PLANT				
CSR and EHS&S Budgetary Provision FY 2022-23				
Sr. No.	Financial Year	Particular	Budget (in Million)	Actual Expenditure (in Million)
1	2022-23	SAFETY	2.60	1.73
2		HEALTHCARE	2.63	2.36
3		EDUCATION	8.00	8.51
5		ENVIRONMENTAL SUSTAINABILITY AND ECOLOGICAL BALANCE	0.80	0.79
7		RURAL DEVELOPMENT	1.40	1.21
8		EMPOWERING WOMEN	1.05	1.02
9		NGOs	0.95	0.95
		<b>TOTAL</b>	<b>17.43</b>	<b>16.57</b>



Details of Patients at Acupressure Health Centre FY 2022-23				
Sr. No.	Months	Number of Patient (MPCL Employees)	Number of Patient (Villagers & Others)	Total Patients attended
1	January, 2023	7	72	79
2	February	16	81	97
3	March	19	78	97
	Total			
	Total number of Patients for FY 2022-23			1077
Details of Patients at Acupressure Health Centre FY 2023-24				
	April, 2023	19	68	87
	May	17	132	149
	June	13	82	95
	Total			331

MPCL Dispensary Patients Detail FY 2022-23				
Sr. No.	Period	Patients		Total
		Villagers	Employees & family members	
1	January, 2023	68	183	251
2	February	80	147	227
3	March	109	180	289
	Total			767
	Total number of Dispensary Patients for FY 2022-23			2916
	MPCL Patients Detail FY 2023-24			
	April, 2023	143	72	215
	May	108	174	282
	June	81	132	213
	Total			710

## Deatil of Garbage treated at our sister concern - ADHEPL

S. No.	Date	Quantity	Total wt.	Trolley wt.	Net wt.(Kgs)	Remark
1	10-01-2023	1	3310	2990	320	
2	24-01-2023	1	3250	2990	260	
3	15-02-2023	1	3335	2990	345	
4	26-02-2023	1	3325	2990	335	
5	15-03-2023	1	3490	3070	420	
					<b>1680</b>	
1	06-04-2023	1	3410	2990	420	
	22-04-2023	1	3370	2990	380	
	09-05-2023	1	3302	2990	312	
	22-05-2023	1	3315	2990	325	
	09-06-2023	1	3420	2990	430	
					<b>1867</b>	
				Till date since last year	<b>9650</b>	

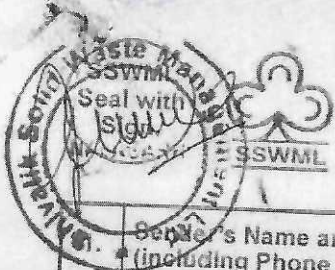
H. C. [Signature]

MPCL NOISE LEVEL RECORD FROM JANUARY-2023 TO JUNE-2023						
Sample Frequency (Monthly )	Ambient Noise Parameters As Per Standard	Ambient Noise Parameters In WBG/IFC Unit As Per Location Wise At Power House				
Month	d B	Control Room	Service Way	Generator Floor	Turbine Floor	Operator Cabine
Jan-23	75 d B (A)	56.40	70.90	87.30	88.10	62.0
Feb-23	75 d B (A)	56.10	70.70	85.60	87.70	62.4
Mar-23	75 d B (A)	55.80	70.60	85.70	88.10	59.8
Apr-23	75 d B (A)	56.30	72.10	85.30	86.10	59.8
May-23	75 d B (A)	55.00	72.90	85.60	87.90	59.1
Jun-23	75 d B (A)	54.10	73.10	86.90	88.10	60.9

Pankaj Upadhyay  
AM (Electrical)

M.A.Rafiq  
Sr.Manager(Electrical)





# SHIVALIK SOLID WASTE MANAGEMENT LTD.

CIN:U33130HP2005PLC028806  
GSTIN: 02AAJCS7647D1ZE  
FORM 10 [See Rule 19 (1)]

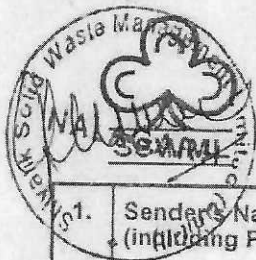
Member  
Seal with  
Sign.

## MANIFEST FOR HAZARDOUS AND OTHER WASTE

1. Sender's Name and mailing address (including Phone No. and e-mail)		Malana Power Co. Ltd. Vill. Chowki, P.O. Jarl, Teh. Bhunter, Distt. Kulu (H.P.)	
GSTIN 02AABCM1108R2ZM		Phone No. : e-mail :	
2. Sender's Authorization No.			
3. Manifest Document No.		51943	
4. Transporter's name and address ( including Phone No. and e-mail)		Shivalik Solid Waste Management Ltd. Vill. Majra, P.O. Dabhota, Teh. Nalagarh, Distt. Solan (H.P.)	
5. Type of Vehicle		(Truck / Tanker/ Special Vehicle)	
6. Transporter's registration no.		NAL-206	
7. Vehicle registration no.		HP12N0185	
8. Receiver's Name and mailing address (including Phone No. and e-mail)		Shivalik Solid Waste Management Ltd. Vill. Majra, P.O. Dabhota, Teh. Nalagarh, Distt. Solan (H.P.) Ph. No.: 01795-260427, e-mail:	
9. Receiver's Authorization No.		NAL-206	
10. Waste Description		Used Oil	
11. Total quantity No. of containers		1680 Ltr m3 or MT	
12. Physical Form		08 Drum Nos.	
13. Special handling instructions and additional information		(Solid/Semi- Solid/Sludge/Oily/Tarry/Slurry/Liquid)	
14. Sender's Certificate		I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorized, packed, marked, and labeled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.	
Name and stamp : Malana Power Co. Ltd. Vill. Chowki, P.O. Jarl, Teh. Bhunter, Distt. Kulu (H.P.)		Signature : Day Month Year 15 - 02 - 2023	
15. Transporter acknowledgement of receipt of Wastes			
Name and stamp : Shivalik Solid Waste Management Ltd. Village Majra (Dabhota) Teh. Nalagarh Distt. Solan (HP) Pin 174 101		Day Month Year 15 - 02 - 2023	
16. Receiver's certification for receipt of hazardous and other waste			
Name and stamp : Signature:		Day Month Year - - - - -	

Yellow Copy





# SHIVALIK SOLID WASTE MANAGEMENT LTD. (Unit-II)

GSTIN : 02AAJCS7647D1ZE CIN:U33130HP2005PLC028806

FORM 6 [See Rule 19]

## E- WASTE MANIFEST

1032

1.	Sender's Name and mailing address (including Phone No. and e-mail)	:	Malana Power Co. Ltd. Vill. Chowki, P.O. Jari, Tah. Bhunter, Distt. Kulth (H.P.)-174108 Phone No.: e-mail:		
	02AABCM1108R2ZM	:			
2.	Sender's Authorization No. (If applicable)	:			
3.	Manifest Document No.	:			
4.	Transporter's name and address ( including Phone No. and e-mail)	:	Shivalik Solid Waste Management Ltd. (Unit II) Village Upperla Nangal, P.O & Tehsil Nalagarh, Distt Solan (HP)		
5.	Type of Vehicle	:	(Truck / Tanker/ Special Vehicle)		
6.	Transporter's registration no.	:	N-021/08		
7.	Vehicle registration no.	:	HP12N-0185		
8.	Receiver's Name and address	:	Shivalik Solid Waste Management Ltd. (Unit II) Village Upperla Nangal, P.O & Tehsil Nalagarh, Distt Solan (HP)		
9.	Receiver's Authorization No. (If applicable)	:	HPSPCB/26576/SSWML UNIT-II/2406444/2403225		
10.	Description of E- Waste (Item, Weight/ Numbers)	:	Tube Light CFL LED Light. 79 kg		
11.	Name and stamp of Sender* (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or Dismantler) Name and stamp : Signature : Day Month Year	:	15 - 02 - 2023		
12.	Transporter acknowledgement of receipt of E- Wastes Name and stamp : Signature : Day Month Year	:	15 - 02 - 2023		
13.	Receiver* (Collection Centre or Refurbisher or Dismantler or recycler) certification of receipt of E-Waste Name and stamp : Signature : Day Month Year	:			

\*= As applicable

Annex - IV

## Jal Jeevan Mission

Har Ghar Jal



## Water Testing Laboratory, Shamshi

Jai Shakti District Water Testing Laboratory, Shamshi under Jal Shakti Division Kullu (Test Address only)

## Test report

Sample ID:

U682475S12315786

## User Information

Name:

MALANA HYDROELECTRIC ROJECT 86MW

Mobile:

9816099640

Email:

hc.sharma@lnjbhilwara.com

Pin  
Code:Full  
Address:

Village- KASOL , Gram Panchayat- KASOL, Block- BHUNTER, District- Kullu, State- Himachal Pradesh

## Sample description

Source  
of  
Sample:

Other source used for Drinking

Village:

KASOL

Gram  
Panchayat:

KASOL

Block:

BHUNTER

District:

Kullu

State:

Himachal Pradesh

Address:

Remarks:

At WTP after tretment

Latitude:

Longitude:

Date &amp; time of sample collection

29.05.2023 | 10:01:00 AM

Date &amp; time of sample received in lab

29.05.2023 | 01:00:00 PM

Date &amp; time of sample analysed

29.05.2023 | 02:45:00 PM

Date &amp; time of report generation

29.05.2023 | 02:45:00 PM

## Test results



Sr. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
1	Ammonia (as Total Ammonia- N)	mg/l	0.5	No Relaxation	0.100	
2	Calcium (as Ca)	mg/l	75	200	13.620	
3	Chloride (as Cl)	mg/l	250	1000	7.650	
4	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
5	Fluoride (as F)	mg/l	1	1.5	0.330	
6	Free residual Chlorine	mg/l	0.2	1	0.000	
7	Iron (As Fe)	mg/l	1	No Relaxation	0.190	
8	Magnesium (As Mg)	mg/l	30	100	3.810	
9	Manganese (As Mn)	mg/l	0.1	0.3	0.000	
10	Nitrate (as NO <sub>3</sub> )	mg/l	45	No Relaxation	4.400	
11	pH	NA	6.5-8.5	No Relaxation	7.480	
12	Sulphate (as SO <sub>4</sub> )	mg/l	200	400	17.000	
13	Taste	NA	Agreeable	Agreeable	0.000	
14	TDS	mg/l	500	2000	120.300	
15	Temperature	NA	NA	NA	22.900	
16	Total Alkalinity (as Calcium Carbonate)	mg/l	200	600	30.000	
17	Total Arsenic (As As)	mg/l	0.01	No Relaxation	0.000	
18	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
19	Total Hardness (As CaCO <sub>3</sub> )	mg/l	200	600	49.720	
20	Turbidity	NTU	1	5	1.100	

**Note:**

- 1)\*Indicates parameters that are NABL accredited.
- 2)This test results related to the sample tested above
- 3)The report shall not to be reproduced in full without approval of authority
- 4)This is the end of the report

Authorised signatory  
Ms. Anjana (Test Lab Incharge)

**Jal Jeevan Mission aims at potable tap water supply to every home**

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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