



Himachal Pradesh State Pollution Control Board
'Him Parivesh', Phase -III, New Shimla-171009, HP.

Form-V

(See Rule 14)

(To be enclosed along with Consent Renewal Application Form for the subsequent year)

Submission of Environmental Statement is in accordance with the provisions of Rule-14 of the Environment (Protection) Amendment Rules, 1993 of the Environment (Protection) Act, 1986 (29 of 1986) published vide Notification dated 22-04-1993 G.S.R. 386 (E) in the Gazette of India - Extraordinary- Part-II Section-3 Subsection (i). No. 155 dated 28-04-1993 by the Ministry of Environment and Forests, Government of India: read with the Notification dated 13-02-1993 G.S.R. 329 (E) of the Gazette of India-Extraordinary Part-II Section-3 Subsection (i) No. 120 dated 13-03-1993.

"Every Person carrying on an industry, operation, operation or process requiring Consent under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 (6 of 1974) or under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981 (14 of 1981) or both or authorization under the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 published under the Environment (Protection) Act, 1986 (29 of 1986) shall submit an Environmental Statement for the financial year ending the 31st March in Form V to the concerned State Pollution Control Board on or before the Thirtieth day of September every year, beginning 1993."

From:

___M/s Shivalik Solid Waste Management Limited___

___Vill. Majra, P.O. Dabhota, Teh. Nalagarh___

___Distt. Solan (H.P.)___

To

Member Secretary,
Himachal Pradesh State Pollution Control Board
Him Parivesh, Phase-III, New Shimla,
Shimla-171009, HP.

ENVIRONMENT STATEMENT for the financial year ending the 31st March ___2025___

PART-A

(i)	Name and address of the owner/occupier of the industry operation or process.	Ashok Panjwani (Authorized Signatory Ashok Kumar Sharma)
(ii)	Industry category- Primary-(STC Code) Secondary-(SIC Code)	Treatment, Storage and Disposal Facility
(iii)	Production capacity–Units per annum	TSDF site (Planned capacity 50000 MT/Year). No Manufacturing
(iv)	Year of establishment	2008
(v)	Date of the last Environmental Statement submitted	26.06.2024

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PART-B

Water and Raw Material Consumption

(i) Water Consumption m³ per day

Process 2.8 KL

Cooling 1.0 KL (Whenever required, including MEE feed water)

Domestic 8.8 KL

Name of Products	Process water consumption per unit of product output	
	During the previous Financial year	During the current Financial year
	(1)	(2)
(1) No Product Manufactured	---N.A.---	---N.A.---
(2)		
(3)		

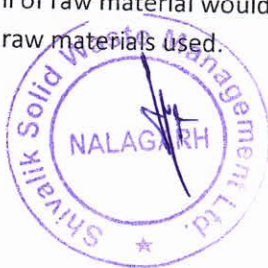


(ii) Raw material consumption

*Name of raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous Financial year	During the current Financial year
Haz. Waste from Different Industries ---N.A.--- (Majorly sludge from ETPs of various industries)		Nil	Nil
For stabilization wherever required we use nominal quantities of of materials		Attached Annex –VIA	Attached Annex -V!B

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





PART-C

Pollution discharged to environment /unit of output

(Parameter as specified in the Consent issued)

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standard with reasons
(a) Water	No Discharge	---N.A.---	---N.A.---
(b) Air	Chimney attached to boiler DG run only in case of HPSEB power failure.	Attached report Attached report	



PART-D

Hazardous Wastes

[As specified under Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008]

Hazardous Wastes	Total Quantity (Kg.)	
	During the previous Financial year	During the current Financial year
1. Solid Waste including Slag (Received from Member Industries)	35676071 kg	34128667 kg. (Attached Annex. I)
2. Drums/ Containers (Received from the parties)		
a) HDPE & MS drums of different Capacity calculated as per 200 Ltr. capacity		Detail attached 22506 (Attached Annex. II)
3. RO Reject (Received from the parties)	564.700 KL	205.3 KL (Attached Annex.III)
4. Oil		
a) Generation	14 Litres	15.5 Litres (Attached Annex.VII)
b) Received from	261.107 KL	227.726 KL (Attached Annex.IV)
5. CFL	CFL 10058 kg,	CFL 10953 kg (Attached Annex.V)
6. Battery Waste Annex VI)	18609 kg	26643kg (Attached
Note: All above quantities are of the materials received from member industries		



PART-E

Solid Wastes generated

	Total Quantity (Kg.)	
	During the previous Financial year	During the current Financial year
(a) From process	Detail attached (Annex-VIII)	Detail attached (Annex-VII)
(b) From pollution control	Detail attached (Annex-VIII)	Detail attached (Annex-VII)
(c)		
(d) 1. Quantity recycled or re-utilized within the unit	Nil	Detail attached (Annex-VII)
(e)		
(f) 2 Sold	---Nil---	Detail attached (Annex-VII)
3 Disposed	---Nil---	Detail attached (Annex-VII)

PART-F

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

A) Hazardous Waste : The Waste received from the various Industries as well as generated from Pollution control devices is tested w.r.t. disposal parameters prior to transportation. The Passed material is collected from the party, Tested for finger print Analysis on receipt & afterwards disposed to secured landfill. This comprises of the sludge generated from primary & secondary operations of effluent treatment plants with the various industries.

The material which can be made Landfillable by physical treatment is first treated & then disposed to landfill.

Material having high calorific value (i.e. >2500 K Cal/Kg) are pre-mixed, Packed in HDPE bags & sent for Co-processing.

B) Drums/Containers: These contains quantities of the chemicals which on mixing with water increase the COD/BOD level. These are washed properly at the designed plant (Twice each). Checked for proper washing Then cleared for reuse.

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C) R.O. Reject : Treated in Multi Effect evaporator. The recovered water is used for gardening/process. Sludge generated from the process is disposed to landfill directly/after treatment.

D) OIL : Collected is sent for recycling.

F) CFL : Collected, Stored & Crushed in Specially designed machine (Approved by CPCB).

H) Batteries : Collected & stored in designated place till shifted to authorized recycler.

PART-G

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

The Leachate generated from the landfill as well as RO Reject received from the industries is collected in the Tank. This is treated in the multi effect evaporator. The treated water (final water) is collected in the separate tanks. The treated water is tested for its characteristics after meeting the standard, this water is used for gardening/industrial process purposes. This reduces the water intake from the Borewell for gardening.

Rainwater Harvesting: We have constructed a storage facility for run off water. This water is used for gardening. Hence Borewell water intake is reduced.

Roof water of the Laboratory building is stored in a tank having capacity 6KL and used for gardening.

PART-H

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

We have planted 1000 plants in F. Year 2024-2025 in the Landfill area and outside main gate along the road. We will plant more trees in the Financial Year 2025-2026 too.

associated & pursued to utilize the facility & hence ensure the safe disposal of the haz. Waste.

PART-I

Any other particulars for improving the quality of the environment.

1. More & more industries are generating the Haz. Waste in State site generations in the State.
2. Started Sending Paint sludge for recycling.
3. Created awareness among the industries for the proper disposal of contaminated drums.
4. Collection of Used Oil/Waste oil from the industries.
5. Driving for the Co-Processing of the waste.

(Signature of a person carrying out an industry – operation or process)

Date: 26.06.2025



Name: Ashok Kumar.Sharma

Designation: C.E.O.

Address: M/s Shivalik Solid Waste Management Ltd.
Vill. Majra, P.O. Dabhota, Teh. Nalagarh,
Distt. Solan (H.P.)

Seal/ Stamp:

ANNEXURE-I

SHIVALIK SOLID WASTE MANAGEMENT LTD

Summary of waste generated during the F. Year 2023-24

S.No.	Waste Type	Category	Quantity	Disposal
1	Sludge from operation of MEE Plant	37.3	1.770 MT	Disposed in Landfill
2	APCD Dust (Boiler Ash)	37.1	8 kg	Disposed in Landfill
3	Used Oil	5.1	14 Ltr	Sent for recycling
4	PPEs & Cloth Wastes	33.2	177 kg	Sent for co processing
5	Paper residue Waste from Drum washing facility	34.1	55kg	Sent for co processing
6	Residue waste (form Drum Washing)	34.2	540 kg	Disposed in Landfill
7	E-waste	----	314 kg	Sent for recycling to SSWML Unit -II
8	Acid from Battery	----	1239kg	Disposed in landfill

SHIVALIK SOLID WASTE MANAGEMENT LTD

Summary of waste generated during the F. Year 2024-25

S.No.	Waste Type	Category	Quantity	Disposal
1	Sludge from operation of MEE Plant	37.3	1.698 MT	Disposed in Land fill
2	APCD Dust (Boiler Ash)	37.1	6680kg	Disposed in Land fill
3	Used Oil	5.1	16 Ltr	Sent for recycling
4	PPEs & Cloth Wastes	33.2	161 kg	Sent for co processing
5	Residue (form Drum Washing)	34.1	47kg	Sent for co processing
6	Sludge waste (form Drum Washing)	34.2	521kg	Disposed in Land fill
6	E-waste	----	92 kg	Sent for recycling to SSWML Unit -II
7	Acid from Battery	----	251 kg	Disposed in landfill



ANNEXURE-II

SHIVALIK SOLID WASTE MANAGEMENT LTD

SUMMARY OF WASTE RECEIVED IN F.Y. 2024-2025

MONTH	WASTE RECEIVED (IN MT)
April, 24	3012.249
May, 24	3013.100
June, 24	2989.361
July, 24	2651.137
Aug., 24	2580.945
Sept., 24	2533.528
Oct., 24	2430.980
Nov., 24	2696.973
Dec., 24	2855.778
Jan., 25	2924.092
Feb., 25	3037.839
March, 25	3402.685
TOTAL	34128.667 MT

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ANNEXURE-III

SHIVALIK SOLID WASTE MANAGEMENT LTD

SUMMARY OF RO REJECT RECEIVED IN F.Y. 2024-2025

MONTH	RECEIVED (IN KL)
April, 24	42.9
May, 24	70.3
June, 24	27.9
July, 24	32.5
Aug., 24	31.1
Sept., 24	0.6
Oct., 24	0
Nov., 24	0
Dec., 24	0
Jan., 25	0
Feb., 25	0
March, 25	0
TOTAL	205.3 KL



ANNEXURE-IV

SHIVALIK SOLID WASTE MANAGEMENT LTD

SUMMARY OF OIL RECEIVED/DISPATCHED IN THE F.Y. 2024-2025

MONTH	Received (in KL)	Send for Recycling to Authorized Recycler (In KL)	Pending in Stock at the End of Year (In KL)
April, 24	17.265	17.160	
May, 24	18.623	18.282	
June, 24	12.779	5.720	
July, 24	16.200	22.615	
Aug., 24	13.741	13.857	
Sept., 24	6.133	0	
Oct., 24	25.761	0	
Nov., 24	23.651	22.880	
Dec., 24	18.417	36.110	
Jan., 25	25.987	23.525	
Feb., 25	24.652	23.885	
March, 25	24.517	37.778	
TOTAL	227.726	221.812	5.914

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ANNEXURE -V

SHIVALIK SOLID WASTE MANAGEMENT LTD

SUMMARY OF USED BATTERIES RECEIVED DURING F.Y. 2024-2025

MONTH	RECEIVED (IN Kg)
April, 24	0.186
May, 24	3.595
June, 24	0.730
July, 24	9.384
Aug., 24	0.261
Sept., 24	0
Oct., 24	1.127
Nov., 24	4.12
Dec., 24	2.56
Jan., 25	3.135
Feb., 25	1.364
March, 25	0.181
TOTAL	26.643 Kg

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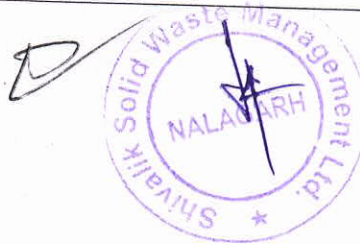


ANNEXURE - VI

SHIVALIK SOLID WASTE MANAGEMENT LTD

SUMMARY OF PAINT SLUDGE SENT TO AUTHORIZED RECYCLER IN F.Y. 2024-25

MONTH	QUANTITY SENT (IN MT)
April, 24	10.990
May, 24	37.550
June, 24	11.604
July, 24	23.915
Aug., 24	8.488
Sept., 24	12.050
Oct., 24	35.580
Nov., 24	0
Dec., 24	48.500
Jan., 25	39.795
Feb., 25	13.185
March, 25	27.571
TOTAL	269.228 MT



ANNEXURE-VII

SHIVALIK SOLID WASTE MANAGEMENT LTD

SUMMARY OF HAZ. WASTE SENT FOR CO-PROCESSING IN MT [F.Y. 2024-25]

MONTH	QUANTITY SENT (IN MT)
April, 24	643.625
May, 24	1133.03
June, 24	671.35
July, 24	750.305
Aug., 24	704.13
Sept., 24	511.965
Oct., 24	635.395
Nov., 24	534.44
Dec., 24	474.19
Jan., 25	524.39
Feb., 25	447.635
March, 25	627.965
TOTAL	7658.420 MT

NOTE:

Above mentioned Quantity of pre-processed Hazardous Waste sent for co-processing including raw material (Raw material used for pre-processing = 969.567 MT)





ANNEXURE-VIII

SHIVALIK SOLID WASTE MANAGEMENT LTD

SUMMARY OF SOLVENT WASTE SENT TO AUTHORIZED RECYCLER IN F.Y. 2024-25

MONTH	QUANTITY SENT (IN MT)
April, 24	0.000
May, 24	0.000
June, 24	18.943
July, 24	0.000
Aug., 24	12.590
Sept., 24	0.000
Oct., 24	15.145
Nov., 24	0
Dec., 24	0
Jan., 25	12.830
Feb., 25	0
March, 25	14.817
TOTAL	74.325 MT

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ANNEXURE - IX

SHIVALIK SOLID WASTE MANAGEMENT LTD

SUMMARY OF DRUMS RECEIVED DURING F.Y. 2024-2025

MONTH	QUANTITY (In 200Ltr. Capacity) IN Nos.
April, 24	1742
May, 24	2090
June, 24	2544
July, 24	2352
Aug., 24	1338
Sept., 24	2092
Oct., 24	2249
Nov., 24	1476
Dec., 24	1812
Jan., 25	1686
Feb., 25	1409
March, 25	1716
TOTAL	22506

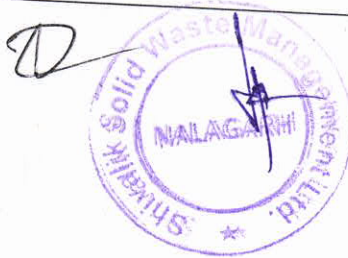


ANNEXURE-X

SHIVALIK SOLID WASTE MANAGEMENT LTD

SUMMARY OF CFL WASTE RECEIVED IN F.Y. 2024-2025 FROM SSWML U-2

MONTH	RECEIVED (IN MT)
April, 24	0.825
June, 24	2.911
Sept., 24	1.187
Dec., 25	3.116
March, 25	2.914
TOTAL	10.953 MT



SHIVALIK SOLID WASTE MANAGEMENT LTD

ANNEXURE – VIB RAW MATERIAL USED

LIST OF MATERIALS USED FOR TREATMENT IN THE FY YEAR 2023-2024

Lime	:	617389 kg
Cement	:	3921600 kg
Calcium Carbonate	:	485465 kg
Pond Ash	:	358065 kg

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