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torrent
PHARMA

Date: 02-07-2024

The Regional Officer,
Gandhinagar – RO,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector – 10 A,
Gandhinagar- 382010

GPCB ID - 49102 ✓

Subject: Submission of Environmental Statement (Form - V) for the year 2023-24

Reference: 1. Our CC&A No. AWII-104583 dated 14.10.2019, valid till 25.09.2029.
2. Environment (Protection) Rule, 1986

Dear Sir,

With reference to the above subject, please find enclosed dully filled "Environmental Statement" in Form – V under Environment (Protection) Rule, 1986 for the Financial Year 2023-24 for our Oncology Plant.

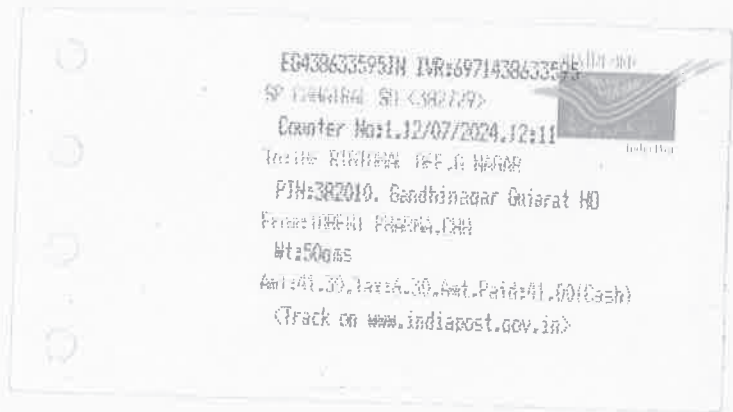
We hope that you will find above in order in line of compliance.

Thanking you,

For, Torrent pharmaceuticals Ltd.

Ilesh Parikh
(GM-HSE)

Encl. Form V for FY 2023-24.



TORRENT PHARMACEUTICALS LIMITED

CIN: L24230GJ1672FLC002126

Ahmedabad-Mehsana Highway, Billeshwarpura, Tal. Kalol, Dist. Gandhinagar-382729, India. Phone: +91 2764 23571-75.
Reg. Office: Torrent House, Off Ashram Road, Ahmedabad - 380 009, India. Phone: +91 79 26585080. www.torrentpharma.com

FORM – V
(See Rule 14)

Environmental Statement for the Financial Year 2023-24
(From 1st April 2023 to 31st March 2024)

From:
M/S. Torrent Pharmaceutical Ltd.
Survey No.: 102/P, 105/P, 106, 119, 120/P, 121, 73, 74,
Near Prestige Hotel, Opp. Heavy Metal & Tubes Ltd.
Village: Bileshwarpura,
Taluka: Kalol, Dist.: Gandhinagar

To,
Gujarat Pollution control Board
Sector 10-A, Gandhinagar – 382043

PART – A

I.	Name and address of the owner / occupier of the industry operation or process	M/S. Torrent Pharmaceutical Ltd. Survey No.: 102/P, 105/P, 106, 119, 120/P, 121, 73, 74, Near Prestige Hotel, Opp. Heavy Metal & Tubes Ltd. Village: Bileshwarpura, Taluka: Kalol, Dist.: Gandhinagar
II.	Industry Category Primary (STC Code) Secondary(STC Code)	Large Scale Industry – Orange Category
III.	Production Capacity Units	Tablets – 175 Lac Nos. / Year Capsules – 65 Lac Nos. / Year Injectable – 50 Lac Nos. / Year
IV.	Year of establishment	2019
V.	Date of the last Environmental Statement submitted	15.07.2022

PART – B

Water and Raw Material Consumption

(1) **Water Consumption :**
Process : 35.12 m³ / Day
Cooling : 30.53 m³ / Day
Domestic : 4.67 m³ / Day

Name of Product	Process Water Consumption per unit of product output	
	During previous Financial Year Nos.	During current Financial Year Nos.
	69.62 KL/Day (25433.2 KL/ Year)	70.32 KL/Day (25666.8 KL/ Year)
Tablets	NIL	83,520 Nos.
Capsules	NIL	NIL
Injectable	NIL	NIL

(2) Raw Material Consumption:

Name of the raw material	Name of products	Consumption of raw material per unit of output	
		During the previous financial year (2022 – 23)	During the current financial year (2023 – 24)
Refer Annexure I for Raw Material consumption			

PART – C

**Pollutants discharged to environment / unit of output
(Parameters as specified in the consent issued)**

	Pollutants	Quantity of pollutants discharged (mass / day) KG	Concentration of pollutants in discharges (mass / volume) PPM	Percentage of variation from prescribed standards with reasons
(a)	Water	COD - 2.32 kg	COD - 33 PPM	- 67.0% (below limits)
	<i>Based on the COD limits vs actual result and total actual volume of effluent. Total volume discharged 70.32 KLD. Avg. COD 33 PPM vs 100 PPM limit.</i>			
(b)	Air	Emissions are within limits.		

PART – D

HAZARDOUS WASTES

(As specified under Hazardous Wastes [management and handling] Rules 1989 and amendments thereafter)

	Hazardous Wastes	Total quantity (Kg.)	
		During the previous financial year (2022 - 23)	During the current financial year (2023 –24)
(a)	From Process	4.57 MT	3.5 MT
(b)	From pollution control facilities (Effluent treatment)	3.1 MT	0

Refer Annexure II - for Haz. Waste detail

PART – E

SOLID WASTES

		Total quantity (Kg.)	
		During the previous financial year (2022 - 23)	During the current financial year (2023 –24)
(a)	From Process	19.98 MT	7.669 MT
(b)	From pollution control facilities (Effluent treatment)		
(c)	(1) Quantity recycled or re-utilized within the unit		
	(2) Sold		
	(3) Disposed		

This is non-hazardous waste.

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.

Refer Annexure-III

PART – G

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

1. We have installed Roof Top Solar Panel System for generation of renewable energy.
2. We handle all materials in close loop to reduce dust generation.
3. We have provided excellent LED lighting arrangement within and outside the working area.
4. We have developed separate Hazardous waste storage area having impervious flooring for storage of solid waste.
5. We have used air cooled chilling system to eliminate use of fresh water and reduce effluent generation for ETP.
6. We have used energy efficient motors in entire plant as a part of energy conservation system.
7. We have installed online TDS meter at treated effluent line.

PART – H

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

1. Developed Irrigation and Green belt area.

PART - I

Any other particulars for improving the quality of the environment.

No major accidents were reported during this year.

Ilesh Parikh

Date: 02-07-2024

Name : Ilesh Parikh
Designation : G. M.-HSE
Address : M/S. Torrent Pharmaceutical Ltd.,
Survey No.: 102/P, 105/P, 106, 119,
120/P, 121, 73, 74, Near Prestige Hotel,
Opp. Heavy Metal & Tubes Ltd. Village:
Bileshwarpura, Taluka: Kalol, Dist.:
Gandhinagar

**LIST OF ANNEXURES ATTACHED FOR ENVIRONMENTAL STATEMENT FOR
THE YEAR 2023-2024**

Sr. No.	Annexure attached	Annexure no.
1.	Raw material consumption.	I
2.	Hazardous waste categorization, composition and disposal practices details.	II
3.	Hazardous waste details.	III

List of Raw Material			Annexure I
Sr. No.	Material discription	Qty.	UOM
1	Sorafenib tosylate USP	35.125	KG
2	Pazopanib Hydrochloride IH	26.218	KG
3	Bicalutamide Ph.Eur.	15.678	KG
4	Lenvatinib Mesylate (Form-C) IH	4.636	KG
5	Bosutinib Monohydrate (Form-I) IH	29.659	KG
6	Nilotinib HCl Monohydrate IH	14.117	KG
7	Teriflunomide Phr. Eur.	1.966	KG
8	Ruxolitinib Phosphate IH	3.168	KG
9	MAIZE STARCH EP	3.8	KG
10	Cellulose, Microcrystalline EP (PH 101)	1.82	KG
11	SODIUM STARCH GLYCOLLATE (TYPE A)EP	4.073	KG
12	POVIDONE K-30 EP	1.56	KG
13	COLLOIDAL SILICON DIOXIDE EP	0.027	KG
14	LACTOSE MONOHYDRATE EP	75.246	KG
15	COLLOIDAL SILICON DIOXIDE USP-NF/EP	0.811	KG
16	POVIDONE (K-30) USP/EP	4.48	KG
17	LACTOSE MONOHYDRATE USP-NF/EP	75.599	KG
18	CROSCARMELLOSE SODIUM USP-NF/EP	13.517	KG
19	MICROCRYSTALLINE CELLULOSE USP NF/EP	61.516	KG
20	TALC EP	0.52	KG
21	TALC USP/EP	1.8	KG
22	CROSPVIDONE EP	2.34	KG
23	SODIUM STARCH GLYCOLATE(TYPE A)EP/USP-NF	7.884	KG
24	CROSPVIDONE XL 10 EP/USP-NF	0.871	KG
25	HYPROMELLOSE (3CPS) EP/USP	1.304	KG
26	Opadry White OY-L 28900 IH	2.496	KG
27	Mannitol (Pearlitol SD-200) EP/USP	16.796	KG
28	Lactose monohydrate DCL-11 EP/USP-NF	2.833	KG
29	Sodium Lauril sulfate Ph.Eur.	0.78	KG
30	Hydroxypropylcellulose (Klucel LF) EP	0.837	KG
31	Hydroxypropyl Cellulose Klucel EXFEP/USP	2.88	KG
32	Poloxamer 188 USP/EP	0.202	KG
33	POVIDONE (KOLLIDON 30 LP) PH.EUR./USP	1.989	KG
34	Lactose monohydrate(Tabletose 80)Ph.Eur	25.8	KG
35	Magnesium Stearate Ph.Eur.	0.862	KG
36	Cellulose, Microcry. (Flocel 101) PH.EUR	8	KG
37	Mic.Cell(FLO.102)IP/EP/USP-NF	16.349	KG
38	Povidone K 25 USP-NF/PH.Eur	0.951	KG
39	Sod.Lauryl Sulph./Sod.Lauril sulf.USP/EP	0.148	KG
40	Micr.Cel./Cel.Micr.(Flocel101)USP/PH.EUR	64.021	KG
41	Opadry Grey 13B575002 IH	1.719	KG
42	Micro.cellulose SD (FLOCEL 200) PH.EUR	5.176	KG
43	Opadry 04F550007 Red IH	2.024	KG
44	CROSCARMELLOSE SODIUM USP-NF/EP	13.517	KG
45	Magnesium stearate (For Onco) Ph.Eur.	0.312	KG
46	Microcry.Cellu.SD (FLOCEL 200) USP-NF/EP	3.037	KG
47	Magnesium stearate(ForOnco)USP-NF/Ph.Eur	3.845	KG
48	HGC SZ 1(OP.Red/OP.Red N12)IH	66,912	NOS

49	Opadry Blue 03B505062 IH	1.435	KG
50	HPMC sh.si.3.ye.redcap.L12&ye.bodyIH	2,25,000	NOS
51	HPMC sh.si.4.ye.redcap.L13&ye.red.bodyIH	5,62,000	NOS
52	OPADRY II 85F15642 RED	4.542	KG
53	OPADRY II 85F220103 YELLOW	2.262	KG
54	OPADRY II 85F12390 YELLOW IH	0.583	KG
55	Low-subst.Hyd.Cell.Ty.LH21 USP-NF/Ph.eur	12	KG
56	Hydro. cellulose (Nisso HPC-LM)USP-NF/EP	1.8	KG
57	Calcium Hydroxide Powder USP/Ph.Eur	5.25	KG
58	Poloxamer 188 Micro USP-NF/Ph.Eur.	5.157	KG
59	Sod. Hydr.Carbo./Sod.Bicar.USP-NF/EP	8.781	KG
60	CROSCARMELLOSE SODIUM USP-NF	0.313	KG
61	POLOXAMER 188 MICRO Ph.Eur.	0.22	KG
62	Povidone(K-25) USP	1.438	KG
63	Sorafenib Tablets USP 200 mg	1,11,812	TAB
64	Bicalutamide tablet 150 mg	1,81,071	TAB
65	COMP.GRAN.FOR SORAFE.TAB USP 200MG	40.26	KG
66	PLACEBO OF BICALUTAMIDE TABLETS 150 MG	10,050	TAB
67	SIZED GRAN.FOR NILOTINIB CAPSULES 150 MG	14.82	KG
68	LENVATINIB CAPSULES 10 MG	1,32,902	CAP
69	LENVATINIB CAPSULES 4 MG	3,22,346	CAP
70	Teriflunomide film-coated tab. 14 mg	20,013	TAB
71	Pla. for Teriflun. FC Tab. Ph.Eur. 14 mg	2.15	KG
72	Dummy for Bos. tab. 500 mg (Uncoated)	47,946	TAB
73	Com.Gra.of Ruxolitinib Tab. 5 and 10mg	18.32	KG
74	Com.ble.of Ruxolitinib Tab. 5 and 10mg	18.38	KG
75	Com.Gra.of Ruxolitinib Tab. 15 and 20mg	27.38	KG
76	Com.ble.of Ruxolitinib Tab. 15 and 20mg	27.58	KG
77	Granules of Ruxolitinib Tablets 25 mg	27.58	KG
78	Granules for Pazopanib tablets 200 mg	28.22	KG
79	Bicalutamid Heu.150mg,0.020x135mm PAF,DE	14.18	KG
80	Bicalutamid Heu.150mg,9x10 Tab Carton,DE	2900	NOS
81	Bicalutamid Heumann 150mg Insert DE	2965	NOS
82	Sorafenib Tab,USP 200mg,120s BT,Label,US	8869	NOS
83	Sorafenib Tab,USP 200mg,PIL,US	1411	NOS
84	Sorafenib Tab,USP 200mg,MG,US	312	NOS
85	CORR BOX PRNT 5PLY 450x335x290mm	1	NOS
86	CORR BOX PRNT 5PLY 620x395x340mm	1	NOS
87	Silica Gel Canister (1 gm)	2917	NOS
88	38mm-400 CR CLOSURE WITH IND.SEAL WAD	1336	NOS
89	25g SILICA GEL BAGS	94	NOS
90	0.025x158mmPLAIN ALUMINIUM FOIL WITH HSL	139.705	KG
91	CORR BOX 5PLY 550x335x250mm	2	NOS
92	CORR BOX 5PLY 550x360x250mm	216	NOS
93	CORR BOX 5PLY 360x280x125mm	11	NOS
94	CORR BOX 5PLY 360x250x120mm	64	NOS
95	CORR BOX 5PLY 360x280x150mm	33	NOS
96	18"x25" Triple Laminated al foil bag	82	NOS
97	PL, AL FOIL,0.025x154mm, W / HSL	9.1	KG
98	60cc HDPE Cont 33mm Neck Finish12g (HW)	85	NOS

99	40cc HDPE Cont 33mm Neck Finish9.5g (HW)	2982	NOS
100	100cc HDPE Cont 38mm Nec Finis16.5g (HW)	1336	NOS
101	Silica Gel Canister (2 g)	1416	NOS
102	PLAIN CARTON DIMENSION:157x100x95mmRT	4195	NOS
103	5Ply corr. box 294X196X125MM(ID)4U+100CC	18	NOS
104	33mm-400 CR CLOSURE WITH IND.SEAL WAD	3067	NOS
105	PLAIN CARTON SIZE,164X64X84 MM	250	NOS
106	Plain carton,size:170x80x90 mm	500	NOS
107	PLAIN CARTON SIZE : 124x70x72mm	116	NOS
108	5 Ply Corrugated Box 415x355x200mm	9	NOS
109	CFB ALUMINIUM FOIL 0.13x156 mm,DMF	26.478	KG
110	0.02x154mm plain Alu. foil with HSL(DMF)	12.853	KG
111	Wt opa PVC/PE/PVdC 250/25/90 foil 135mm	96.18	KG
112	Pilfer proof secur.Sticker lab. 30x20 mm	30,000	NOS
113	0.020x135 mm plain alu.Foil with HSL	12.875	KG
114	CFB Foil 160mm 60PVC/25OPA/50ALU/60PVC	518.002	KG
115	CFB ALFoil 25μOPA/50μALF/60μPVC154mmDMF	18.683	KG
116	CORRUGAT BOX,3PLY,SIZE:170x170x125mm(ID)	70	NOS
117	3PlyPartition167X167X90mm,Nest52x52x90mm	70	NOS

Torrent Pharmaceuticals Limited, Oncology
Annexure II

Details of Hazardous Waste for the Year of 2023--24

Sr.No.	Hazardous waste Description	Waste Category	Unit	Total Waste Quantity Generated during year (2023-24)*	Total Disposal Quantity during year			Hazardous Waste Quantity Utilized in- house During year (2023-24)	Total Storage Quantity end of the year
					Disposal Facility (TSDF)	Recycler / Co-processor/pre processor	Others		
1	ETP sludge	35.3	MT	0.000	0.000	0.000	0	0.000	
2	Used Oil	5.1	KL	0.210	0.000	0.210	0	0.000	
3	Discarded Drums / Containers	33.1	Nos.	0.000	0.000	0.000	0	0.000	
4	Discarded Bags	33.1	MT	0.000	0.000	0.000	0	0.000	
5	Resins from water DM Plant	35.2	MT	0.000	0.000	0.000	0	0.000	
6	Date Expires Medicine	28.5	MT	0.620	0.620	0.000	0	0.000	
7	Off specification Drugs	28.4	MT	0.700	0.700	0.000	0	0.000	
8	Carbon Waste	28.3	MT	0.000	0.000	0.000	0	0.000	
9	Waste HEPA Filter	35.1	MT	0.000	0.000	0.000	0	0.000	
10	Oil Contaminated Waste	5.2	MT	0.000	0.000	0.000	0	0.000	
11	Process Waste (Hyflow Super Cell)	28.1	MT	0.000	0.000	0.000	0	0.000	
12	Contaminated Cotton rags & Misc. Waste	33.2	MT	1.970	0.000	1.970	0	0.000	
13	Sludge and Filters Contaminated with Oil	3.3	MT	0.000	0.000	0.000	0	0.000	
	Total Quantity			3.29	1.32	1.97	0.00	0.00	
			KL	0.21	0.00	0.21	0.00	0.00	
			Nos.	0	0	0	0	0	

* Generation includes the opening stock of the year.

Torrent Pharmaceuticals Limited, Bileshwarpura

Details of Hazardous Waste

Annexure - III

Sr.No.	Hazardous waste Description	Waste Category	Physical Form	Disposal Mode
1	ETP Sludge	35.3	Solid	Collection, Storage, Transportation, Disposal at authorized TSDF of M/s. Detox India Pvt. Ltd. Or any other authorized operative TSDF Site.
2	Used Oil	5.1	Liquid	Collection, Storage, Transportation, Disposal by selling to Registered / Authorised Refiners
3	Discarded Drums / Containers / Bags / Liners	33.1	Liquid	Collection, Storage, transportation and disposal by Selling to authorized decontamination facility.
4	Resins from DM Plant	35.2	Solid	Collection, Storage, Transportation, Disposal at authorized CHWTF of M/s. Saurashtra Enviro Projects Pvt. Ltd. or any other authorized operative CHWTF for incineration OR send for co-processing at authorized cement industries.
5	Date Expired Products	28.5	Solid	Collection, Storage, Transportation, Disposal at authorized CHWTF of M/s. Saurashtra Enviro Projects Pvt. Ltd. or any other authorized operative CHWTF for incineration OR send for co-processing at authorized cement industries.
6	Off Specification Products	28.4	Solid	Collection, Storage, Transportation, Disposal at authorized CHWTF of M/s. Saurashtra Enviro Projects Pvt. Ltd. or any other authorized operative CHWTF for incineration OR send for co-processing at authorized cement industries.
7	Carbon Waste	28.3	Solid	Collection, Storage, Transportation, Disposal at authorized CHWTF of M/s. Saurashtra Enviro Projects Pvt. Ltd. or any other authorized operative CHWTF for incineration OR send for co-processing at authorized cement industries.
8	Waste HEPA Filter Containing Dust	35.1	Solid	Collection, Storage, Transportation, Disposal at authorized CHWTF of M/s. Saurashtra Enviro Projects Pvt. Ltd. or any other authorized operative CHWTF for incineration OR send for co-processing at authorized cement industries.
9	Oil Contaminated Waste	5.2	Solid	Collection, Storage, Transportation, Disposal at authorized CHWTF of M/s. Saurashtra Enviro Projects Pvt. Ltd. or any other authorized operative CHWTF for incineration OR send for co-processing at authorized cement industries.
10	Process Waste	28.1	Solid	Collection, Storage, Transportation, Disposal at authorized CHWTF of M/s. Saurashtra Enviro Projects Pvt. Ltd. or any other authorized operative CHWTF for incineration OR send for co-processing at authorized cement industries.
11	Contaminated Cotton Rags or Cleaning Materials	33.2	Solid	Collection, Storage, Transportation, Disposal at authorized CHWTF of M/s. Saurashtra Enviro Projects Pvt. Ltd. or any other authorized operative CHWTF for incineration OR send for co-processing at authorized cement industries.
12	Sludge and Filters contaminated with Oil	3.3	Solid	Collection, Storage, Transportation, Disposal at authorized CHWTF of M/s. Saurashtra Enviro Projects Pvt. Ltd. or any other authorized operative CHWTF for incineration OR send for co-processing at authorized cement industries.