



HEAD OFFICE  
Uttarakhand Pollution Control Board  
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Letter No.: UKPCB/HO/Gen-183-707/2024/673

Date: 13.08.2024

BY E-MAIL

To,  
The Registrar General  
Hon'ble National Green Tribunal  
Principal Bench, New Delhi  
Email: [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in)

**Sub.: Response of Uttarakhand Pollution Control Board in the matter of Original Application No. 446 of 2023 titled as "Rambabu Vs. Nagar Nigam Rudrapur & Anr." - reg.**

Sir,  
Kindly refer to the order dated 03.05.2024 passed by the Hon'ble National Green Tribunal in the matter of **Original Application No. 446 of 2024 titled as "Rambabu Vs. Nagar Nigam Rudrapur & Anr."**. In Compliance of order passed by the Hon'ble NGT, please find enclosed herewith Response of Uttarakhand Pollution Control Board in the aforesaid matter.

You are requested to kindly take Response into record and place before the Hon'ble Tribunal for kind consideration please.

Encl.: As above.

Sincerely Yours'

(Dr. Parag Madhukar Dhakate)  
Member Secretary

**Copy to:** Following for kind information and necessary action please.

1. Shri Mukesh Verma, Advocate & Counsel for Uttarakhand Pollution Control Board, Dehradun.
2. Additional Secretary, Department of Environment Conservation & Climate Change, Government of Uttarakhand, Dehradun.
3. Regional Officer, UKPCB, Regional Office, Kashipur (Udham Singh Nagar).

**Subject: Required information/details regarding Order dated 03.06.2024 of Honourable NGT in the matter of OA No. 466/2023- Rambabu V/s Nagar Nigam Rudrapur & Anr.**

**Point No. 3 (xi) : Details with regard to ETPs relating to Industrial Estates & Outside of the Industrial Estate in Rudrapur;**

**I.ETP Detail: Industrial Estate IIE,Rudrapur :**

Total Units in Integrated Industrial Estate (IIE): 438

Type of Industry (According to Discharge/Disposal of Effluent )	A. Industrial Effluent Generating Units			B. Units: Not Generating Industrial/Process Effluent (Only Sewage)			Remarks
	Number of Units	Treatment System/ETP detail	Disposal/Discharge	Total Units	Treatment System	Disposal/Discharge	
<b>Type-01</b>  River Discharge):Disposal into River Kalyani /Begual  <b>Total Units: 293</b>	126	In-house ETP up to Tertiary Treatment & further connected with CETP for final discharge/disposal  01 Unit M/s Roquette India Ltd have its In-House ETP	Treated Effluent is discharged into River Kalyani after treatment through CETP  01 Unit M/s Roquette India Ltd discharged it treated effluent partially into River Bagul after In-House ETP	167	Septic Tank/STP & further connected with CETP for final discharge /disposal	Treated Effluent is discharge into River Kalyani after treatment through CETP	<b>Detail is attached as Annexure-I</b>
<b>Type-02:</b>  In-House Applications i.e. Recycle into Process/Utility/Horticulture  <b>Total Units: 145</b>	29	In-house ETP up to Tertiary Treatment	ETP treated effluent is recycled for Process /Utility application/Horticulture activity within premises.	116	Septic Tank/Soak Pit  Or  STP	Land Discharge within premises.	<b>Detail is attached as Annexure-II</b>

II. ETP Detail: Outside the Industrial Estate IIE,Rudrapur (within the catchment area of River Kalyani/Begul);

Total Units in Outside of the Integrated Industrial Estate (IIE): **52**

Detail /Numbers of the of The Units	A. Industrial Effluent Generating Units			B Units: Not Generating Industrial/Process Effluent (Only Sewage)			Remarks
	Total Units	ETP detail	Disposal/Discharge	Total Units	Treatment System	Disposal/ Discharge	
<b>Total Units: 52</b>	<b>02</b>	In-house ETP up to Tertiary Treatment	ETP treated effluent is recycled for Process /Utility application/Horticulture activity within premises	<b>50</b>	Septic Tank/Soak Pit	Land Discharge	<b>Detail is attached as Annexure-III</b>

**Detail regarding Industrial Effluent Discharge into River Kalyani/Begul from the Industries in Rudrapur:**

- Total **490** Units are located in the Catchment of River Kalyani /Begul & Out of 490,Units, **438** Units established/operating in the Industrial Estate(IIE,Rudrapur) & **52** Units are established/operating in Rudrapur ,outside of the Industrial Estate.
- **292** Units established in Industrial Estate ,discharging their treated effluent into **River Kalyani** after Primary treatment in their In-House ETP &final treatment in CETP & **01** Unit, **M/s Roquette India Limited, Rudrapur** is discharged its treated effluent into **River Bagul** after treatment in its In-House ETP having tertiary treatment system. **Other 145** Units established/operating in Industrial Estate are reuse/recycled in their treated effluent in their process/utility application & Horticulture purposes/Land disposal.
- 52 Units which are located in Rudrapur outside of the Industrial Estate are not discharged any effluent into River Kalyani/Begul.
- Latest Quality of Final outlet of CETP & Final Outlet of one Unit M/s Roquette India Private Limited, which is being discharged into River Kalyani/River Begaul respectively is attached herewith.As per reports,Parameters are within prescribed norms.

**(Annexure: IV)**

## II. Water Quality of Recipient River /Water Body- River Kalyani:

- I. Water Quality Sampling/Monitoring of River Kalyani is done on Monthly basis. Results of April 2024- June 2024 as follows: Reports attached. (Annexure :V )

Month	Monitoring Location	pH	D.O (mg/l)	BOD (mg/l)	COD (mg/l)	TDS (ppm)	Total Coliform (MPN/100 ml)	Fecal Coliform (MPN/100 ml)
April 2024	River Kalyani U/S Pantnagar Industrial Area, U.S.Nagar	7.67	6.20	2.60	20	335	430	350
	River Kalyani D/s at Rampura Ground	7.19	NIL	45	320	645	1600	920
May 2024	River Kalyani U/S Pantnagar Industrial Area, U.S.Nagar	6.78	5.6	2.9	20	384	540	240
	River Kalyani D/s at Rampura Ground	7.24	NIL	48	256	645	1600	540
June 2024	River Kalyani U/S Pantnagar Industrial Area, U.S.Nagar	River was DRY at upstream location.						
	River Kalyani D/s at Rampura Ground	6.88	NIL	52	272	608	1600	920

\*River Quality standards attached.

II. In addition Third Party Sampling/Analysis of River Kalyani was also conducted in June 2024. Test Reports of Third Party Sampling/Analysis is attached herewith.(Annexure-VI)

### River Kalyani Rejuvenation Programme:

River Kalyani is identified as **Polluted River Stretch** and covered under the **River Rejuvenation Programme by the State River Rejuvenation Committee** constituted in compliance of Honourable NGT orders in the matter of O.A.No. 673/2018.

Action plan for rejuvenation of river Kalyani has been prepared by State Pollution Control Board and approved by CPCB/State Government.

Action Plan is under Implementation phase. Municipal drains have been identified and tapping of Drains/Nalla & construction of Common Sewage Treatment Plant (CSTP) is under process.

Work is being executed by Utrakahnd PeyJal Nigam as directed under the Approved Action Plan. Concerned document attached herewith.

(Annexure-VII)

## Annexure-1

## 1. Details of Industrial units in IIE, Pantnagar with river discharge into River Kalyani/Begul (Type-1)

S.No	Industry Name & Address	Process/Industrial Effluent Treatment and Disposal			Disposal of Domestic Effluent/Sewage
		Gene-ration	Treatment system	Final Disposal of Treated Effluent	
1	Britannia Industries Ltd., Plot-1, Sector-1	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
2	Nestle India Ltd., Plot-1A, Sector-1	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
3	Lancer Food Products, Plot-2A, Sector-1	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
4	Haldiram Snacks Pvt. Ltd., Plot-2B, Sector-1	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
5	Parle Biscuits Pvt. Ltd. Plot-3, Sector-1	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
6	S.P. P. Food Products (P) Ltd. Plot-4, Sector-1	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
7	Dukes Products India Ltd. Plot-8, Sector-1	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
8	SPP galvanoplast, Plot-9, Sector-1	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal

9	Ganesha Ecosphere Ltd., Plot-6,6A, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
10	Obeetee Textiles Pvt. Ltd. Plot-1A, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
11	Graffiti Exports, Plot-3, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
12	Dabur India Limited , Plot-4, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
13	Kusalava International Limited, Plot-10, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
14	Khattri Aromas LLP, Plot-12,12A, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
15	Radiant Polymers Pvt. Ltd., Plot-13A, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
16	Interarch Building Products (P) Ltd. Plot-14,14A, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
17	Neroflix Pvt. Ltd., Plot-15, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
18	Dabur India Limited, Plot-16, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
19	Radhu Products Pvt. Ltd., Plot-19, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal

20	Prabha Engineers, Plot-21,21A, Sector-2	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
21	Goodwear Fashion Pvt. Ltd., Plot-1,2,3,4 Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
22	Fine biotics, Plot-5 Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
23	Parksons Packaging Ltd, Plot-8,9,10, Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
24	Daffy Cosmetics Pvt. Ltd.Plot-11, Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
25	SFC Foods Pvt. Ltd.,Plot-12, Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
26	Deccan Healthcare Pvt. Ltd,Plot-13, Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
27	Jovees Herbal Care, Plot-16, Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
28	Acacia Biotech Limited, Plot 20, Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
29	JMC Works Pvt. Ltd., Plot-21, Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
30	Max Chem Pharmaceuticals Pvt. Ltd., Plot-22, Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal

31	Sushima Laboratories, Plot-23, Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
32	J.R. Herbal Care, Plot-12, Sector-4	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
33	Bal Pharma Limited, Plot-1,2,3,69, Sector-4	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
34	Pankaj Gas Cylinders Limited, Plot-5,6,7, Sector-4	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
35	R V Enterprises, Plot-9B, Sector-4	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
36	Naari Pharma Pvt. Ltd., Plot-14,15,16,55,56,57, Sector-5	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
37	VHB Medisciences Limited, Plot-20,21,22,49,50,51, Sector-5	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
38	Aica Laminates India Pvt. Ltd, Plot-23,24,25,26,45,46,47,48, Sector-5	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
39	Emami Ltd., Plot-40,41, Sector-5	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
40	SLG Bright Wires, Plot-34, Sector-6	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
41	Wiretech Auto Industries, Plot-7, Sector-6	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal

42	Shri Krishna Industries , Plot-13, Sector-6	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
43	Khandelwal Laboratories Pvt. Ltd., Plot-20, Sector-6	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
44	Grandeur Agrotech Pvt.Ltd., Plot-22, Sector-6	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
45	Shivika Cosmetic India Pvt. Ltd., Plot-26, Sector-6	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
46	Auroville Labs Pvt. Ltd., Plot-27,28, Sector-6	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
47	Jainsons Healthcare, Plot-32, Sector-6	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
48	Steel Engineers, Plot-33, Sector-6	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
49	Pilot Industries Ltd, Plot-39,45,46,47,48,49, Sector-6	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
50	Goodwear Fashion Pvt. Ltd.,Plot-42,54,55, Sector-6	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
51	Orbit Industries, Plot-2, Sector-7	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
52	M.R TUBES PVT LTD, Plot-13, Sector-7	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal

53	Sonama Naturals Pvt. Ltd., Plot-21, Sector-7	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
54	Shiva Enterprises, Plot-50, Sector-7	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
55	Mangla Tubes Pvt. Ltd., Plot-57,57A-1, Sector-7	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
56	Suryodaya Textiles Privated Ltd., Plot-59-63, Sector-7	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
57	Emkay Automobile Industries (P) Ltd., Plot-73-76, Sector-7	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
58	Shirdi Industris Ltd, Plot-1, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
59	Greenply Industries Ltd., Plot-2, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
60	Archidply Industries Limited, Plot-6A&7, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
61	Advik Hi-Tech Pvt. Ltd., Plot 7A, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
62	Eden Motors Pvt. Ltd., Plot-7F, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
63	Samaj Automotive, Plot-7L, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal

64	Rama Ply & Laminates, Plot-8, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
65	C&S Himoina Pvt. Ltd., Plot-12A, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
66	Perfetti Van Melle India Pvt. Ltd., Plot-14B, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
67	DSM India Pvt. Ltd., Plot-14C, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
68	Metalman Micro Turners, Plot-17, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
69	Sansera Engg. Pvt. Ltd., Plot-18, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
70	Roop Polymers Ltd., Plot-19, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
71	Varroc Engineering Pvt. Ltd., Plot-20, Sector-9	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
72	Lumax Auto Technologies Ltd., Plot-11A,12, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
73	Bajaj Auto Ltd., Plot-2,10, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
74	Endurance Technologies Pvt. Ltd, Plot-3,7, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal

75	Neel Metal Products Limited, Plot-4, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
76	Minda Industries Ltd., Plot-5, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
77	Aurangabad Electricals Ltd., Plot-6, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
78	Neel Metal Products Ltd., Plot-8, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
79	Minda Corporation Ltd. (Spark), Plot-9, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
80	Minda Corporation Ltd. (Spark), Plot-9A, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
81	Harita Seating System Ltd./ Uno Minda Industries, Plot-11, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
82	Micro Turners , Plot-13, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
83	Suprajit Engineering Limited, Plot-14, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
84	Belrise Engineering Ltd. ,Plot-15, Sector-10	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
85	Devchhaya Industries (Uttarakhand), Plot-9,61, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal

86	Spicer India Ltd. (Dana Ananad India Ltd.), Plot-16,17, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
87	Mutual Industries Ltd. (Tata), Plot-18, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
88	M/s RSB Transmissions (I) Ltd., Plot-22,23, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
89	M/s Acey Engineering Pvt. Ltd., Plot-24B, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
90	M/s Jaihind Automotive Pvt. Ltd., Plot-24C, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
91	M/s Rane (Madras) Ltd., Plot-27, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
92	M/s Rane NSK Steering Systems Ltd., Plot-28, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
93	M/s. NRB Bearing Limited, Plot-33, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
94	Tycod Autotech Pvt Ltd., Plot-34,35, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
95	Mahabal Auto Ancillaries P. Ltd., Plot-47, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
96	M/s Imperial Auto Industries Ltd., Plot-48, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal

97	M/s Jai Suspension Systems Ltd., Plot-50A, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
98	Star Auto Industries Pvt. Ltd., Plot-50 B, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
99	M/s Lumax Industries Ltd., Plot-51, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
100	Badve Engineering Ltd., Plot 52, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
101	M/s Lucas TVS Ltd., Plot-55, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
102	M/s Sundram Fasteners Limited , Plot-60, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
103	M/s New Allenberry Works, Plot-62, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
104	M/s Tata Auto Comp System Ltd., Plot-66, Sector-11	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
105	Jainsons Herbo Labs Pvt. Ltd., Plot-6, Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
106	Makmaul Laboratories Pvt.Ltd., Plot-8, Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
107	Polar Auto & Engg. Industries Pvt. ltd., Plot-33, Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal

108	Mac Personal Care Pvt. Ltd., Plot-37, Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
109	Maxima Solutions, Plot-56, Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
110	Himalayan Autoera (I) Pvt. Ltd., Plot-60, 61, 67,68, Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
111	P.L.G. Pharmaceuticals Pvt. Ltd., Plot-89 , Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
112	Aries Drugs Pvt. Ltd., Plot-90 , Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
113	Tulbros Formulations,Plot-91 , Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
114	M/s. Maxmed Lifesciences Pvt. Ltd.,Plot-54,55 , Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
115	M. R. Tubes Pvt. Ltd., Plot-3 , Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
116	Komal Metal Finishers, Plot-25 , Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
117	Autocomp Corporation Panse Private Limited, Plot-43 , Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
118	Neel Metal Products Limited, Plot-1A,22, Sector-ITBT	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal

119	Ashok leyland Limited, Plot-1A, Sector-12	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
120	Sure For Cure Formulations (India) Pvt. Ltd., Plot-13, Sector-IIIC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
121	Tirumala Fasteners Pvt. Ltd, Plot-17, Sector-12	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
122	Sushima Laboratories, Unit-2 Plot-23, Sector-3	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
123	DwarFish Pharmaceuticals, Plot-8, Sector-7	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
124	Hindustan Zinc Ltd., Plot-3, Sector-14	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
125	Feezo Chem Formulation Pvt. Ltd., Plot-59,66, Sector-IIDC	Yes	Inhouse ETP upto tertiary treatment and further connected with CETP for final treatment/disposal	Treated effluent is discharged into River Kalyani/Begul after treatment through CETP	Septic tank/STP connected with CETP for final disposal
126	Roquette India Pvt. Ltd., Plot-12, Sector-9	Yes	Inhouse ETP upto tertiary treatment	Treated effluent is discharged into River Kalyani/Begul	Inhouse STP
127	FAB Faur Technoplast, Plot-8, Sector-4	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
128	Bhavani Industries LLP, Plot 44, Sector-5	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
129	TVS Srichakra Limited II, Plot-17,18,19,52,53,54, Sector-5	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
130	Automotive axles Ltd, Plot-3, Sector-ITBT	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal

131	Shirdi Organics Pvt. Ltd., Plot-47 , Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
132	Roots Corporation ,Plot-1 , Sector-Commercial	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
133	Steel Bird International, Plot- 62,69 , Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
134	Chawla Auto Components, Plot-39,41, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
135	Yazaki India Pvt. Ltd., Plot- 78, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
136	ALF Engineering Pvt.Ltd., Plot-74A, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
137	Ashoka Metal Industries, Plot-31, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
138	M/s Automotive Stampings & Assemblies Ltd., Plot-71, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
139	M/s Adient, Plot-68, Sector- 11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
140	M/s Bhavani Industries, Plot- 65, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
141	M/s Shriram Foundry Ltd., Plot-32, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
142	M/s Anusaya Auto Press Parts Pvt Ltd, Plot-53,54, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
143	M/s. Pricol Limited, Plot-45, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
144	M/s Pricol Engineering Industries Ltd, Plot-49, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
145	M/s. Shivani Locks Pvt. Ltd., Plot-44, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal

146	M/s Dali and Sammeer Eng. Pvt. Ltd., Plot-43, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
147	M/s DVS Industries Pvt. Ltd., Plot-42, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
148	M/s. Mantri Metalics Pvt. Ltd., Plot-31, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
149	Bajaj Motors Ltd., Plot-36 A, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
150	Autocomp Corporation Panse Private Limited, Plot-37,38, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
151	M/s Bajaj Motors Limited Ind , Plot-41, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
152	M/s Ultra-tech Suspensions Pvt. Ltd., Plot-29, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
153	Supreme Non woven Industries Pvt. Ltd, Plot-21 A, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
154	M/s Supreme - Treves Pvt. Ltd., Plot-21, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
155	Shrinivas Engineering Works, Plot-14, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
156	India Forge & Drop Stamping Ltd., Plot-15, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
157	KLT Automotive and Tublar Products Ltd., Plot-20, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
158	Panorama Automotive Indl. Pvt. Ltd., Plot-10, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
159	Interface Microsystem, Plot-11, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
160	Mayur Industries Ltd., Plot-7, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal




161	Autoline Industries Ltd., Plot 8, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
162	M/s Cast Master, Plot-63, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
163	Sankar Sealing Systems P. Ltd., Plot-3, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
164	Miter & Miter Engineers Pvt. Ltd., Plot-4, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
165	Autoline Industries Ltd., Plot 5,6 Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
166	Autolite Mfg. Limited, Plot-13, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
167	Autocomp Corporation Panse Private Limited., Plot-39, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
168	Mahindra CIE India Ltd, Plot-2, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
169	Universal Comfort Products Pvt. Ltd., Plot-1, Sector-10	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
170	Om Enterprises, Plot-21A, Sector-9	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
171	L.G. Balakrishnan & Bros Limited, Plot-16, Sector-9	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
172	Schneider Electric IT Business India Pvt Ltd, Plot-7B & 7C, Sector-9	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
173	SBR Auto Components Pvt. Ltd., Plot-7D, Sector-9	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
174	Mahalaxmi Polypack Pvt. Ltd., Plot-3A,3B,3C,3D, Sector-9	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
175	Phoenix Engineering, Plot-51,52,53, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal

176	GPM Enterprises, Plot-54,55, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
177	Emsun Power Innovation Pvt. Ltd., Plot-80,81, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
178	Voltas Limited (Unit-I), Plot-1-5, Sector-8	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
179	BCH Electric Ltd., Plot-64-68, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
180	Harsuk Technologies Pvt. Ltd., Plot-3, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
181	NSR Lumen Tech Pvt Ltd, Plot-52,53, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
182	Caparo Engineering, Plot-57, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
183	Windals Precision Pvt. Ltd., Plot-62, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
184	Shiva Universal Manufacturing & Services Pvt. Ltd., Plot-67, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
185	Unimax International, Plot-1, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
186	Auto Ignition Limited, Plot-17,18, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
187	Singla Forging, Plot-41, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
188	Amberpr technoplast india pvt ltd, Plot-43, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
189	Abhipriya business (India) Pvt. Ltd., Plot-9, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
190	SINGLA FORGING -UNIT-II, Plot-3,4, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal

191	Luman Industries Ltd., Plot-26, Sector-3	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
192	Creative Propack Ltd., Plot-34,35,36, Sector-3	No	Not applicable	Not applicable	Septic tank/STP connected with CETP for final disposal
193	ZF Commercial Vehicle Control System India Ltd., plot-11, Sector-4	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
194	Kasa Light & Electronics Pvt. Ltd., Plot-14, Sector-3	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
195	Bansal Dia Casting, Plot-22A, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
196	Manjushree Techno Pack Ltd. Plot-22B,23,23A, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
197	S.I. Auto Pack, Plot-20, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
198	AVS Lighting Solutions, Plot-15A, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
199	PP auto innovators, Plot-17, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
200	Interpump Hydraulics India Pvt. Plot-3A, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
201	Titan Industries Ltd., Plot-10A, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
202	Titan Industries Ltd., Plot-10B, 10C, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
203	TVS Srichakra Limited, Plot-7, Sector-1	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
204	Geeta Industries Pvt. Ltd., Plot-2, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
205	Signode India Ltd., Plot-13, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal

206	Sai Enterprises, Plot-23B, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
207	Anusaya Auto Press Parts Pvt. Ltd., Plot-6, Sector-3	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
208	Garg Industries, Plot-15, Sector-3	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
209	Well Pack Industries, Plot-18, Sector-3	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
210	Castlite Industries, Plot-4, Sector-4	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
211	Delta Power Solutions Pvt (India) Ltd., Plot-11B, 12, 13A, 37B, 38, 39A, Sector-5	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
212	V-Guard Consumer Products Ltd., Plot-1,2,27,28, Sector-5	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
213	Maini Scaffod Systems, Plot-1,1A,2, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
214	Essar Packaging Pvt. Ltd.,Plot-5, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
215	Mohit Rubber Foam (India) Pvt. Ltd.,Plot-6, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
216	Adinath Forging Pvt. Ltd., Plot-8, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
217	Banco Products (India) Limited ,Plot-11, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
218	Autotech Engineers & Suppliers, Plot-12, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
219	Metaux accuratech, Plot-31, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
220	Best Quality Fastners, Plot-36, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal

221	TKT Plasto Moulders & Engineers, Plot-50, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
222	Shakti Packaging, Plot-56, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
223	Unimax International -II, Plot-58,59, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
224	Craftsmen, Plot-60, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
225	Somani Foods, Plot-63, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
226	Bonsai Udyog, Plot-68, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
227	Ado Conmat India, Plot-68A, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
228	Mitter Fastners , Plot-69, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
229	Right Tight Fastners Pvt. Ltd.,Plot-70, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
230	India Forge EV Private Limited,Plot-71,72, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
231	Sudtrac Linkage Pvt Ltd., Plot-73, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
232	Shri Krishna engineering, Plot-38, Sector-6	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
233	Khandelwal Industries, Plot-9, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
234	Karuna Enterprises, Plot-11, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
235	Hindustan Fasteners Pvt ltd. , Plot-20, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal

236	Citizen Exports, Plot-23, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
237	Parvatesh Packaging, Plot-25, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
238	Oxford Plast India Pvt. Ltd., Plot-31, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
239	Anand Precision Works, Plot-33, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
240	Chirag Enterprises, Plot-34, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
241	Savvak Engineering Innovation Pvt. Ltd., Plot-42, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
242	AVS Lighting Solutions, Plot-43,44, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
243	Indian Ink & Chemical Industries, Plot-45, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
244	Om Industries, Plot-46, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
245	Surya Polypet Pvt. Ltd., Plot-47, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
246	MYRA TECHNO PACKERS PRIVATE LIMITED, Plot-47A, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
247	Sudratak Linkage Pvt. Ltd., Plot-48,49, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
248	Maple Packaging & Logistics, Plot-56, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
249	Empathy Pharmaceuticals, Plot-77, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
250	Rajhans Pressing, Plot-78,79, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal

251	Eco Pet Industries LLP, Plot-85, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
252	Tulip Diagnostic Systems Pvt. Ltd. , Plot-86, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
253	TVL Engineers PVT LTD, Plot-5, Sector-9	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
254	Aurangabad Auto Engg. Pvt. Ltd.,Plot-7H, Sector-9	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
255	SM Chemtech Pvt. Ltd., Plot-21B, Sector-9	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
256	TM Automotive Seating System Pvt Ltd., Plot-1C, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
257	Tata Toyo Radiator Ltd, Plot-30, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
258	Federal Modegal Goetz India Limited , Plot-46, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
259	M/s Tata Steel Processing and Distribution Ltd., Plot-57, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
260	M/s Natesan Synchrocones Pvt. Ltd., Plot-67, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
261	M/s Tata Ficosa Automotive Systems Ltd., Plot-69, Sector-11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
262	Puritech, Plot-23, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
263	Kamal Industries, Plot-1, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
264	Viney Corporation Pvt. Ltd.,, Plot-7, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
265	Abfahrt Solutios, , Plot-11, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal

266	Perfect Sales Corporation, , Plot-12, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
267	P.G. Copy Box Industries, Plot-29, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
268	Jupiter Gases Pvt. Ltd., Plot- 38, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
269	Sikand Limited, Plot- 44,44A,45, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
270	Omega Icehill Pvt Ltd, Plot- 49, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
271	Polyhose India Pvt Ltd., Plot- 50,51, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
272	Himalayan Autoera (I) Pvt. Ltd., Plot-61,68, Sector- IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
273	Dev Bhoomi Polymers (P) Ltd., Plot-86, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
274	Himalaya Polytech Pvt. Ltd., Plot-93,94, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
275	MSS filtration engg process Pvt Ltd, Plot-95, Sector- IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
276	Jai Durga Packers, Plot-96, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
277	M/s. Chhabra Gas Suppliers, Plot-48A, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
278	Transcon Power Pvt. Ltd, Plot-4, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
279	Transcon Power Pvt. Ltd. II, Plot-2&10, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
280	Kapil Enterprises, Plot-24, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal

281	Source Automotive Parts, Plot-30, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
282	Lal Ji Gopinath Ji Industries, Plot-34, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
283	Maa Padmawati Steels, Plot-85, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
284	Balaji Plastic Industries, Plot-4E, Sector-ITBT	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
285	Jiwan Plasto Metals Corporation, Plot-4F, Sector-ITBT	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
286	Shri Sai Industries, Plot-4B, Sector-ITBT	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
287	Bihani International Pvt. Ltd., Plot-16, Sector-ITBT	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
288	Supreme Rollforms Pvt. Ltd., Plot-72, Sector 11	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
289	Alluce Pharmaceutical Pvt. Ltd., Plot-18, Sector-IIDC	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
290	AMPP Auto Inovators, plot-9, Sector-1	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
291	Obeetee Textiles Pvt. Ltd., Unit-2, Plot-1A, Sector-2	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
292	Samaj Automotive Pvt. Ltd., Plot-7I, Sector-9	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal
293	Kalki Udyog, Plot-16, Sector-7	No	Not Applicable	Not Applicable	Septic tank/STP connected with CETP for final disposal

## Annexure-II

## 2.Details of Industrial Units in IIE, Pantnagar (District-U.S.Nagar) with disposal/discharge of treated effluent within premises (Type-2)

S.No	Name of Unit	Process/Industrial Effluent treatment and Disposal			Disposal of Domestic Effluent/Sewage
		Gene-ration	Treatment system	Final Disposal of Treated Effluent	
1	Digvijay Plastics And Allied Products Pvt. Ltd. Plot-73A, Sector-3	Yes	In House ETP upto tertiary treatment	Utilized in Inhouse application i.e Cooling tower makeup/Horticulture activities	Septic tank/Soak pit
2	Pilco Healthcare Pvt. Ltd Plot-28, Sector-3	Yes	In House ETP upto tertiary treatment	Utilized in Inhouse application i.e Horticulture activities	Septic tank/Soak pit
3	JVM Industries Plot-31, Sector-3	Yes	In House ETP upto tertiary treatment	Utilized in process application	Septic tank/Soak pit
4	Penam Pharmaceuticals Private Ltd. Plot-40, Sector-3	Yes	In House ETP upto tertiary treatment	Utilized in Inhouse application i.e Horticulture activities	Septic tank/Soak pit
5	Sun India Pharmacy Pvt. Ltd. Plot-44, Sector-3	Yes	In House ETP upto tertiary treatment	Utilized in Inhouse application i.e Horticulture activities	Septic tank/Soak pit
6	Tosc International (P) Ltd. Plot-47, Sector-3	Yes	In House ETP upto tertiary treatment	Utilized in InHouse application i.e Horticulture activities	Septic tank/Soak pit
7	GS Pharmbutor Pvt. Ltd. Plot-58, 59, 66, 67, Sector-3	Yes	In House ETP upto tertiary treatment	Utilized in Inhouse application i.e Cooling tower,Horticulture activities	Septic tank/Soak pit
8	Karolia Lighting Pvt. Ltd. Plot-69A,70, Sector-3	Yes	In House ETP upto tertiary treatment	Utilized in Inhouse application i.e Cooling tower,Horticulture activities	Septic tank/Soak pit
9	Henkel CAC Pvt Ltd Plot-71,72, Sector-3	Yes	In House ETP upto tertiary treatment	Utilized in InHouse application i.e Cooling tower,Horticulture activities	Septic tank/Soak pit
10	Ramjeet & Sons Plot-40C, Sector-3	Yes	In House ETP upto tertiary treatment	Utilized in InHouse application i.e Cooling tower,Horticulture activities	Septic tank/Soak pit
11	Gold Bakers And Confectioners Plot-68 A3, Sector-4	Yes	In House ETP upto tertiary treatment	Utilized in InHouse application i.e Cooling tower,Horticulture activities	Septic tank/Soak pit

12	Vega Auto Asseseries Plot-22, Sector-4	Yes	In House ETP upto tertiary treatment	Utilized in InHouse application i.e Cooling tower,Horticulture activities	Septic tank/Soak pit
13	Sam Foods Pvt Ltd Plot-20, 21, 30, 31, Sector-4	Yes	In House ETP upto tertiary treatment	Utilized in InHouse application i.e Horticulture activities	Septic tank/Soak pit
14	Parksons Packaging Ltd Plot-23, 24,25,26,Sector-4	Yes	In House ETP upto tertiary treatment	Utilized in InHouse application i.e Cooling tower,Horticulture activities	Septic tank/Soak pit
15	Vega auto Accessories Pvr. Ltd. Plot-38, Sector-4	Yes	In House ETP upto tertiary treatment	Utilized in InHouse application i.e Cooling tower,Horticulture activities	Septic tank/Soak pit
16	Narayan Industries Plot-45,52 Sector-4	Yes	In House ETP upto tertiary treatment	Recycle into process application.	Septic tank/Soak pit
17	Eurasia Doordevices Plot-41, Sector-4	Yes	In House ETP upto tertiary treatment	Recycle into process application.	Septic tank/Soak pit
18	Fincure Pharmaceuticals Ltd Plot-42, Sector-4	Yes	In House ETP upto tertiary treatment	Utilized in InHouse application i.e ,Horticulture activities	Septic tank/Soak pit
19	Rane TRW Steering Systems Ltd. Plot-46, 47, 48, 49, 50, 51, Sector-4	Yes	In House ETP upto tertiary treatment	Recycle into process application.	Septic tank/Soak pit
20	Bisleri International Pvt. Ltd. Plot-55,65, Sector-4	Yes	In House ETP upto tertiary treatment	Recycle into process application.	Septic tank/Soak pit
21	CG Foods India (P) ltd. Plot- 77, Sector-4	Yes	In House ETP upto tertiary treatment	Recycle into process application.	STP, Treated water is utilized in Gardening purpose within premises.
22	Huhtamaki PPL Ltd. Plot-70, 71, 72, 73, Sector-4	Yes	In House ETP upto tertiary treatment	Recycle into process application.	STP, Treated water is utilized in Gardening purpose within premises.
23	Sarita Handa Exports Pvt Ltd. Plot- 78, Sector-4	Yes	In House ETP upto tertiary treatment	Recycle into process application.	STP, Treated water is utilized in Gardening purpose within premises.
24	Sapna Engineering Solutions Pvt Ltd (Unit No. 2) Plot- 57 B, Sector-	Yes	In House ETP upto tertiary treatment	Recycle into process application.	Septic tank/Soak pit
25	IVAX Paper Chemicals Ltd. Plot- 7G , Sector-9	Yes	In House ETP upto tertiary treatment	Recycle into process application.	Septic tank/Soak pit
26	Savya Pharmaceuticals Plot-5A-4, Sector-9	Yes	In House ETP upto tertiary treatment	Recycle into process application.	Septic tank/Soak pit
27	Tata Motors Plot-1, Sector-11	Yes	In House ETP upto tertiary treatment with UF & RO	Zero Liquid Discharge (ETP treated water completely utilized into Process application)	STP, Treated water is utilized in Gardening purpose within premises.
28	Vega Auto Asseseries Pvt. Ltd., Plot-20,21, Sector-4	Yes	In House ETP upto tertiary treatment	Utilized in Inhouse application i.e ,Horticulture activities	Septic tank/Soak pit

29	Sheetal Enterprises, Plot no.-CP-26, Sector-City Park	Yes	In House ETP upto tertiary treatment	Recycle into process application.	Septic tank/Soak pit
30	M/s. Om Logistic Ltd., Plot-24C, Sector-2	No	Not applicable	Not applicable	Septic tank/Soak pit
31	Madhubala Verma, Plot-27A, 27B, Sector-2	No	Not applicable	Not applicable	Septic tank/Soak pit
32	M/s Techno Industries, Plot-28A, Sector-2	No	Not applicable	Not applicable	Septic tank/Soak pit
33	P.B & Company, Plot-28A, Sector-2	No	Not applicable	Not applicable	Septic tank/Soak pit
34	M/s EMDET Jameshedpur Pvt Ltd, Plot-26, Sector-2	No	Not applicable	Not applicable	Septic tank/Soak pit
35	A. V. R Enterprises, Plot-21C, Sector-2	No	Not applicable	Not applicable	Septic tank/Soak pit
36	V.M.F. Engineers, Plot-24D, Sector-2	No	Not applicable	Not applicable	Septic tank/Soak pit
37	Drink Tek LLP, Plot-25A, Sector-2	No	Not applicable	Not applicable	Septic tank/Soak pit
38	Shubham Engineering Works Plot-40A, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
39	Prosys Engineers Pvt Ltd Plot-68B, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
40	Pearl Polymers Ltd. Plot-45,45A, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
41	VMP Auto Fastners Pvt. Ltd. Plot-68B-1, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
42	Supertech Engineers Plot-27, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
43	Kruger Metaform Plot-29, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
44	Kalakriti Infotech Pvt. Ltd. Plot-30, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
45	Sumedh Tools Pvt. Ltd Plot-32, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
46	Tulip Diagnostic Systems Pvt. Ltd. Plot-33, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
47	U. P. Telelinks Ltd. Plot-37,38,39, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit

48	Ambashakti Glass India Pvt. Ltd. Plot-41, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
49	Siddharth Alloys Plot-43, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
50	Trend Setter Plot-46, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
51	Bhushan Power Steel Ltd. Plot-48, 49, 50, 51, 52, 53, 54, 55, 56, 57	No	Not applicable	Not applicable	Septic tank/Soak pit
52	Special Cables Pvt. Ltd. Plot-60, 61, 62, 63, 64, 65 Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
53	Roca Bathroom Products(Pvt)Ltd. Plot-68,69-B, Sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
54	Dipin Chemical Pvt. Ltd. Plot-17, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
55	Gluegum Colour Process Pvt. Ltd. Plot-18, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
56	Rudrapur Precision Industries Plot-33, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
57	Systetic Metaling Plot-62 D, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
58	Model Industries Plot-62 E2, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
59	Semwal Engineering Co. Plot-62 E3, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
60	Indaqua Engineers And Consultants Pvt. Ltd. Plot-62 B, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
61	R. K. Auto Component Industries Plot-62 D 1, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
62	S. M. Technosales(Pvt.)Ltd. Plot-62 A, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
63	RNA Auto Industries Pvt. Ltd. Plot-68 A1, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
64	Pragati Udyog Plot-62 A1, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
65	Chitra Handicraft Plot-68 A-4, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
66	Triveni Towers Pvt. Ltd. Plot-10, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit

67	J.R. Herbal Care Plot-12, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
68	General Medical Equipments Plot-14, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
69	Eminent Power Friends Equipment Compamny Pvt Ltd Plot-14A,15,	No	Not applicable	Not applicable	Septic tank/Soak pit
70	Girnar Industries Plot-16, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
71	Vivoxo Technologies Pvt. Ltd. Plot-19, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
72	Meera Industries Plot-27, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
73	The Vending Company Prop (Sahoul Khurana) Plot-28, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
74	Priyadarshi Print-o- Pack Plot-29, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
75	Innovative Tech Pack Ltd. Plot-32, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
76	Harita Seating System Ltd. Plot-35, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
77	Quede Exports Plot-34, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
78	Ram Kumar Industries Pvt. ltd. Plot-36, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
79	Omega Ice Hills Pvt Ltd Plot-37, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
80	Premier Pin Industries (Unit-II) Plot-38 A, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
81	Shyam Rai Ecopack Inc Plot-39, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
82	D. P Garg Son & Company Plot-40, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
83	Pioneer polyleathers Pvt. Ltd. Plot-43,44 & 53,54, Sector-4	No	Not applicable	Not applicable	STP, Treated water is utilized in Gardening purpose within premises.
84	Time Technoplast Ltd., Unit-2 Plot-56,64, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
85	Time Technoplast Ltd. Plot-57,63, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit

86	APPL Industries Limited Plot-58, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
87	AAAS Enterprises Plot-59 A-5, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
88	Vijay Engineering Industries Plot-59A6, 59A7, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
89	Nikhil R Auto Plot-59 A-1, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
90	A. P. Auto Innovators Plot-59A-2 & 59A-3, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
91	Globe Precision Industries Pvt. Ltd Plot-60, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
92	P. P. Auto Innovators Plot-61, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
93	APN Auto Innovators Pvt. Ltd. Plot-62, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
94	Hightech Engineering Plot-62 E-1, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
95	Radha Madhav Corporation Ltd. Plot-66, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
96	Narayan Creation Plot-68, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
97	Technometals Plot- 68 A-2, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
98	Shanti Coils & Refrigeration Equipment Pvt. Ltd. Plot- 57 A,	No	Not applicable	Not applicable	Septic tank/Soak pit
99	Ambica Industrial Gases Plot- 5 A-1, Sector-9	No	Not applicable	Not applicable	Septic tank/Soak pit
100	Devbhumi Polymers Plot- 5 B-2, Sector-9	No	Not applicable	Not applicable	Septic tank/Soak pit
101	Malcoti & Associates Catering Services Pvt. Ltd. Plot- 5B-7 & 5B-8,	No	Not applicable	Not applicable	Septic tank/Soak pit
102	Shiba Comp Pvt. ltd Plot-6B, Sector-9	No	Not applicable	Not applicable	Septic tank/Soak pit
103	Narendra Precision Fastners Plot- 7E , Sector-9	No	Not applicable	Not applicable	Septic tank/Soak pit
104	BST Textiles Mills Pvt. Ltd. Plot- 9, Sector-10	No	Not applicable	Not applicable	STP, Treated water is utilized in Gardening purpose within premises.

105	SAG Rubber Industries Plot- 32, IIDC	No	Not applicable	Not applicable	Septic tank/Soak pit
106	Prazise Technologies Pvt. Ltd. Plot- 7A , Sector- 2	No	Not applicable	Not applicable	Septic tank/Soak pit
107	Remal Dass Ram Lal Plot- 5 B-3 , Sector-9	No	Not applicable	Not applicable	Septic tank/Soak pit
108	Vijay Engineering Industries Plot- 59 B-1 , Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
109	Dighvijay Plastics and Allied Products Pvt. Ltd. Plot- 59 B, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
110	Radheshyam tool and design Plot- 5B-1, Sector- 9	No	Not applicable	Not applicable	Septic tank/Soak pit
111	Vinita Metal Pvt. Ltd. Plot 5B-4,5B-5, Sector-9	No	Not applicable	Not applicable	Septic tank/Soak pit
112	Kiran Rawat Plot-5B-6, Sector-9	No	Not applicable	Not applicable	Septic tank/Soak pit
113	Manuraj Tooling Technologies Pvt. Ltd. Plot-62 E-5, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
114	Jai Mata di Plot-21 B, Sector-2	No	Not applicable	Not applicable	Septic tank/Soak pit
115	Luman Marketing Plot- 25, Sector-2	No	Not applicable	Not applicable	Septic tank/Soak pit
116	Adyani Manufacturing LLP Plot- 24, 25, Sector- 6	No	Not applicable	Not applicable	Septic tank/Soak pit
117	Adarsh Polypack Plot- 37, Sector-6	No	Not applicable	Not applicable	Septic tank/Soak pit
118	STEELBIRD INTERNATIONAL Plot- 61, Sector-6	No	Not applicable	Not applicable	Septic tank/Soak pit
119	Pritpal Singh & Co. Plot- 64, Sector-6	No	Not applicable	Not applicable	Septic tank/Soak pit
120	Hardev Batteries Plot- 65, Sector-6	No	Not applicable	Not applicable	Septic tank/Soak pit
121	Unique Techno Solutrions Pvt Ltd. Plot- 14,15,16 Sector-6	No	Not applicable	Not applicable	Septic tank/Soak pit
122	Jiwan Plasto Moulds Corporation Plot- 26, Sector-7	No	Not applicable	Not applicable	Septic tank/Soak pit
123	M/s Ganpati Gases Plot- 82, Sector-7	No	Not applicable	Not applicable	Septic tank/Soak pit

124	Shree Balaji Industries LLP Plot- 12, Sector-7	No	Not applicable	Not applicable	Septic tank/Soak pit
125	Gadget Box Retail. Plot- 14, Sector-7	No	Not applicable	Not applicable	Septic tank/Soak pit
126	Hemant Industries Plot- 29, Sector-7	No	Not applicable	Not applicable	Septic tank/Soak pit
127	Roshan Industries Plot- 37, Sector-7	No	Not applicable	Not applicable	Septic tank/Soak pit
128	Shri Ganesh Glass Industries Plot- 72, Sector-7	No	Not applicable	Not applicable	Septic tank/Soak pit
129	Shakti Polymers Plot- 13A, Sector-10	No	Not applicable	Not applicable	Septic tank/Soak pit
130	Shanu Enterprises Plot- 16, IIDC	No	Not applicable	Not applicable	Septic tank/Soak pit
131	Puri Electronics Pvt Ltd. Plot- 53, IIDC	No	Not applicable	Not applicable	Septic tank/Soak pit
132	Om Sai Motor Industries Plot- 64, IIDC	No	Not applicable	Not applicable	Septic tank/Soak pit
133	Apex Industries Plot- 15, IIDC	No	Not applicable	Not applicable	Septic tank/Soak pit
134	Rudrapur Tubes India Pvt Ltd. Plot- 57, IIDC	No	Not applicable	Not applicable	Septic tank/Soak pit
135	Savvy Engineering Plot- 4C, ITBT	No	Not applicable	Not applicable	Septic tank/Soak pit
136	Nuziveedu Seeds Pvt. Ltd. Plot- 1,2, ITBT	No	Not applicable	Not applicable	Septic tank/Soak pit
137	Salasar Synthetics Plot- 9A, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
138	Biolastic India Pvt. Ltd, Plot-46, sector-3	No	Not applicable	Not applicable	Septic tank/Soak pit
139	Luman Inovations Pvt. Ltd., Plot-58, Sector-4	No	Not applicable	Not applicable	Septic tank/Soak pit
140	Luminious power Technologies Pvt. Ltd, Plot-CP-17, Sector -city	No	Not applicable	Not applicable	Septic tank/Soak pit
141	SV Plastic and Metals Pvt. Ltd., Plot-7E, Sector- 9	No	Not applicable	Not applicable	Septic tank/Soak pit
142	Mahalakshmi Polypacs, Unit-2, Plot-62 A1, Sector 4	No	Not applicable	Not applicable	Septic tank/Soak pit

143	KPI Assembling, Plot-6B, Sector-1	No	Not applicable	Not applicable	Septic tank/Soak pit
144	Deep Steels, Plot-6C, Sector-1	No	Not applicable	Not applicable	Septic tank/Soak pit
145	Shree Krishna Vanaspati Industries, Plot-6A, Sector-1	No	Not applicable	Not applicable	Septic tank/Soak pit



## 3. Details of Industrial units outside the IIE, Pantnagar (Within the catchment area of River Kalyani/Begul)

S.No	Industry Name & Address	Process/Industrial Effluent treatment and Disposal			Disposal of Domestic Effluent/ Sewage
		Gene-ration	Treatment system	Final Disposal of Treated Effluent	
1	Bharat Heavy Electricals Limited, Component Fabrication Plant , Kichcha Bypass Road, Rudrapur, Distt. U.S. Nagar	Yes	In House ETP upto Tertiary treatment	recycled into process application	Septic Tank/Soak pit
2	Singh Traders, Vill-Lohari, Gangapur, Rudrapur, Distt. U.S. Nagar	Yes	In House ETP upto Tertiary treatment with UF,RO and ATFD	Zero Liquid Discharge	Septic Tank/Soak pit
3	Agrawal Highway Motors, Kids Planet School Road, Behind Gola Ganpati, Rudrapur, Distt. U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
4	Allied Waste Service, Village - Fulsunga P.O. - Transit Camp, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
5	ALP Aeroflex India Private Limited, Khasra No-89/2, 83/9, Village-Fazalpur Mahraula, Bilaspur Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
6	Amit Autocars Pvt. Ltd., Plot no.-43, Ward no.-12, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
7	Amit Autowheels Pvt. Ltd.,Fazalpur Mahrola, Opposite AN JHA College Rampur road, City-Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
8	Ansh Modling, Teen Pani, Kichha Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
9	Asa Automotive, Fulsunga, P.O-Transit Camp, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
10	Balaji Auto Links, B 8 , Kichha Bypass Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
11	Chauhan Polymers, khasra no . 104 min-vill-Phulsunga, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
12	Dashmesh Polymers, Khasra no.-252, Phulsungi road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
13	Eltek Industries,Teen Pani, Shukla Farm, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
14	Essem Auto Electricals Pvt. Ltd.,B 12 , Industrail Estate , Kiccha Bypass Road , Rudrapur,Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
15	Geet Polymers, 3, Industrial Area, Kichha Road, Rudrapur,Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit

16	Goodluck India Ltd., Shri Shyam Baba Rice Mill Compound, Kichha bye pass road, Industrial Area, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
17	Gupta Steel Works, B-13, Industrial Area, Kichha bye pass road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
18	Hindustan Traders, Kh.no.-619/1, Teen Paani, Kartarpur road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
19	Jai Gurudev Industries, C-19/20, Industrial Estate, Kichha Bypass Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
20	Jai Isht Dev Industries, Village-Bagwara, Kichha road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
21	Jairaj Global, Plot no. B-22, Industrial Estate, Kichha Bypass Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
22	Janitor Therapeutics, khet no-56-vill-Phulsunga, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
23	Kamdhenu Rice Mill, Kh. No.-339/1/3, Kichha bye pass road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
24	Kumar Autowheels Private Limited, 7/1, Kichha Bypass Road, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
25	Leftover Industries, 279, Near Shiv Shakti Dharma Kanta, Village- Fulsunga, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
26	Lumax Ancillary Limited, Kichha Road, Teenpani, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
27	M/s Paxton Industries, Khasra No. 56, Fulsunga, Near Shiv City Colony, Teen Pani Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
28	M/s Ramdas Enterprises, Kh. No.-443/1,2,3,4, Near Mandi, Kichha Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
29	M/s Sukhmani Plastics, Ground Floor, A-160, near Gurudwara, Kichha bye pass road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
30	Mahi Enterprises, Khasara No. - 86, Shukla Farm, Kartarpur Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
31	Manav Plastic, Plot no. 20/1, Industrial Area, Kichha bye pass road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
32	Mars Industries, Khasra No-193-Village-Fulsungi, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
33	M/s Emonte Enterprises, Plot no.-12, Khet no-212/1,vill.- Fulsungi, Ganga pur road,-Gangapur Road, Fulsungi, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
34	Nainital Traders, khasra number -310, Fulsunga, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
35	Nishant Packaging, khata-405-vill-phulsungi, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit

36	Nuskill Coaters LLP, plot no .1 and 2 ,Industrial area, kichha road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
37	Om Bapu Agro Industries, Khasra No. - 133 Industrial Estate, Kichha Bypass Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
38	Pashu Ahar Nirman Shala, Near BHEL, Kichha Bypass Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
39	Pashupati Nath Bhola Prasad, 8/2, Industrial Area,Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
40	R and N Techauto Industries Pvt Ltd, Plot No. - 84, Fulsungi, Gangapur Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
41	Sai Industries, Plot no.-9/2, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
42	Sal Automotive Ltd.,11 A, Tehsil: Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
43	Satyadev Industries, 06, Phulshunga Tehsil: Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
44	Shree Industries, Khasra No.101-Village-Fulsungi, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
45	Shree Subh Poly Plast(Unit-II), khasra no-15/1-vill-fusungi,Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
46	Shree Trupati Enterprises, Kh. No.-619/1, Teenpani, Kartarpur road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
47	Siddique Traders, Kh No- 619/1, 628/1, Kartarpur Road, Teenpani, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
48	Sidi India Pack Pvt. Ltd., Ram Garden, Shimla Bahadur, Transit Camp, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
49	Singh Plastotech Industries, Vill-Bhagwanpur, Kashipur road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
50	Soltex Petro Products Limited, Plot No. C 10 and 11, Industrial Estate,Kichha By Pass Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
51	Universal Plastics, Plot No. 611/1/3min, Near Nexa Shoroom, Kichha By Pass Road, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit
52	V Stich, Khasara No. - 287 Min., Village - Fulsunga, PO - Transit Camp, Rudrapur, Distt.-U.S. Nagar	No	Not Applicable	Not Applicable	Septic Tank/Soak pit

(Annex-IV)

Annexure No. 4




Regional Office  
Uttarakhand Pollution Control Board  
Chamunda Complex Ramnagar road  
Kashipur-Uttarakhand

Analysis Report – Industrial Effluent

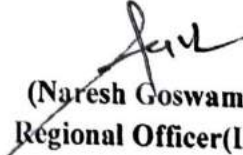
Report No. : ROK/ Lab-131/Eff- 11/2024-2025  
Name of Industry : M/s Ramky Infrastructure Ltd.(CETP Pantnagar)  
Sector-IIDC, IIE, SIDCUL Pantnagar (U.S.Nagar)  
Sample Collected by : Mr. Neeraj Kathait (JRF) & Mr. Dhani Ram (JLA)  
Date of collection of sample : 17/05/2024  
Date of completion of analysis: 20/05/2024  
Sampling Point : CETP-Outlet

**Test Results**

Parameters	Value	Test Method
pH	7.94	APHA 4500-H <sup>+</sup> B
Total Suspended Solids (mg/L)	52	APHA 2540 D
Total Dissolved Solids (mg/L)	1056	APHA 2540 C
BOD (mg/L)	18	IS 3025 (Part 44)
COD (mg/L)	84	IS 3025 (Part 58)

  
(Neeraj Kathait)  
Junior Research Fellow

  
(Sunil Kumar Arya)  
Asst. Environment Engineer

  
(Naresh Goswami)  
Regional Officer(I/c)



**Test Report**

Test report no: : CL/05/ROK/IW/002  
Code allotted: : UKPCB/CL/05/24/ROK/IW - 02  
Name & address of industry: : M/s CETP, SIDCUL, Pantnagar, Udham Singh Nagar  
Sampling point: : CETP Outlet  
Type of sample: : Grab  
Sample collected by: : Mr. Neeraj Kathait (Junior Research Fellow)  
: Mr. Dhaniram (Junior Lab Assistant)  
Quantity & Packing: : 500 ml  
(HDPE/LDPE/P/G/Any Other) LDPE Jerrican  
Date of sample collection: : 17.05.2024  
Date of sample receipt in the laboratory : 18.05.2024  
Duration of analysis: : 18.05.2024 - 26.06.2024  
Date of issue of report: : 08.07.2024

S.No.	Parameters	Unit	Results	Standards	Test Method
1.	Total Chromium	mg/l	ND	-	APHA 24 <sup>th</sup> Edition 3111 B, AAS
2.	Copper	mg/l	ND	3	APHA 24 <sup>th</sup> Edition 3111 B, AAS
3.	Lead	mg/l	ND	0.1	APHA 24 <sup>th</sup> Edition 3111 B, AAS
4.	Nickel	mg/l	ND	3	APHA 24 <sup>th</sup> Edition 3111 B, AAS
5.	Zinc	mg/l	ND	5	APHA 24 <sup>th</sup> Edition 3111 B, AAS
6.	Arsenic	mg/l	ND	0.2	APHA 24 <sup>th</sup> Edition 3114 B, AAS
7.	Mercury	mg/l	ND	0.01	APHA 24 <sup>th</sup> Edition 3112 B, AAS
8.	Cadmium	mg/l	ND	0.05	APHA 24 <sup>th</sup> Edition 3111 B, AAS
9.	Selenium	mg/l	ND	0.05	APHA 24 <sup>th</sup> Edition 3114 B, AAS
10.	Iron	mg/l	0.20	3	APHA 24 <sup>th</sup> Edition 3111 B, AAS
11.	Manganese	mg/l	ND	2	APHA 24 <sup>th</sup> Edition 3111 B, AAS
12.	Fluoride	mg/l	0.38	2	APHA 24 <sup>th</sup> Edition 4500 F D SPADNS Method
13.	Sulphate	mg/l	143.60	1000	APHA 24 <sup>th</sup> Edition 4500 SO <sub>4</sub> <sup>2-</sup> D, Turbidimetric Method
14.	Nitrate	mg/l	0.23	10	APHA 24 <sup>th</sup> Edition 4500 NO <sub>3</sub> <sup>-</sup> D, Screening Method
15.	Phosphate	mg/l	0.33	5	APHA 24 <sup>th</sup> Edition 4500 P D Stannous Chloride Method

\*ND = Not Detected

Analysed by: *Neelam*  
09/07/24  
(Neelam Badoni)

Checked by: *Pradeep Chauhan*  
09/07/24  
(Pradeep Chauhan)

Counter sign: *S.S. Chauhan*  
(S.S. Chauhan)

Note:

1. The results in the Test Report relate only to the items tested.
2. The Test Report pertains to the sample as received in lab.
3. Report shall not be reproduced without approval of laboratory.



**Regional Office  
Uttarakhand Pollution Control Board  
Chamunda Complex Ramnagar road  
Kashipur-Uttarakhand**


**Analysis Report – Industrial Effluent**


Report No. : ROK/ Lab-131/Eff-10/2024-25  
Name of Industry : M/s Ramky Infrastructure Ltd.(CETP Pantnagar)  
Sector-IIDC, IIE, SIDCUL Pantnagar (U.S.Nagar)  
Sample Collected by : Mr. Neeraj Kathait (JRF) & Mr. Dhani Ram (JLA)  
Date of collection of sample : 17/05/2024  
Date of completion of analysis: 20/05/2024  
Sampling Point : CETP-Inlet

**Test Results**

Parameters	Value	Test Method
pH	6.68	APHA 4500-H'B
Total Suspended Solids (mg/L)	272	APHA 2540 D
Total Dissolved Solids (mg/L)	910	APHA 2540 C
BOD (mg/L)	215	IS 3025 (Part 44)
COD (mg/L)	640	IS 3025 (Part 58)

  
(Neeraj Kathait)  
Junior Research Fellow

  
(Sunil Kumar Arya)  
Asst. Environment Engineer

  
(Naresh Goswami)  
Regional Officer(I/c)



**CENTRAL LABORATORY**  
**UTTARAKHAND POLLUTION CONTROL BOARD**  
 46 - B IT Park, Sahasradhara Road, Dehradun  
 Email id - [clukpcb@gmail.com](mailto:clukpcb@gmail.com)

### Test Report

Test report no: : CL/05/ROK/IW/001  
 Code allotted: : UKPCB/CL/05/24/ROK/IW 01  
 Name & address of industry: : M/s C.E.P. SIDCUL, Pantnagar, Udham Singh Nagar  
 Sampling point: : C.E.P Inlet  
 Type of sample: : Grab  
 Sample collected by: : Mr. Neeraj Kathait (Junior Research Fellow)  
 : Mr. Dhaniram (Junior Lab Assistant)  
 Quantity & Packing: : 500 ml  
 (HDPE/LDPE/P/G/Any Other) : LDPE Jerrican  
 Date of sample collection: : 17.05.2024  
 Date of sample receipt in the laboratory : 18.05.2024  
 Duration of analysis: : 18.05.2024 - 26.06.2024  
 Date of issue of report: : 08.07.2024

S.No.	Parameters	Unit	Results	Standards	Test Method
1.	Total Chromium	mg/l	ND	2	APHA 24 <sup>th</sup> Edition 3111 B, AAS
2.	Copper	mg/l	ND	3	APHA 24 <sup>th</sup> Edition 3111 B, AAS
3.	Lead	mg/l	ND	1	APHA 24 <sup>th</sup> Edition 3111 B, AAS
4.	Nickel	mg/l	ND	3	APHA 24 <sup>th</sup> Edition 3111 B, AAS
5.	Zinc	mg/l	ND	15	APHA 24 <sup>th</sup> Edition 3111 B, AAS
6.	Arsenic	mg/l	ND	0.2	APHA 24 <sup>th</sup> Edition 3114 B, AAS
7.	Mercury	mg/l	ND	0.01	APHA 24 <sup>th</sup> Edition 3112 B, AAS
8.	Cadmium	mg/l	ND	1	APHA 24 <sup>th</sup> Edition 3111 B, AAS
9.	Selenium	mg/l	ND	0.05	APHA 24 <sup>th</sup> Edition 3114 B, AAS
10.	Iron	mg/l	2.39	-	APHA 24 <sup>th</sup> Edition 3111 B, AAS
11.	Manganese	mg/l	ND	-	APHA 24 <sup>th</sup> Edition 3111 B, AAS
12.	Fluoride	mg/l	0.48	15	APHA 24 <sup>th</sup> Edition 4500 F D SPADNS Method
13.	Sulphate	mg/l	217.70	-	APHA 24 <sup>th</sup> Edition 4500 SO <sub>4</sub> <sup>2-</sup> D, Turbidimetric Method
14.	Nitrate	mg/l	0.29	-	APHA 24 <sup>th</sup> Edition 4500 NO <sub>3</sub> <sup>-</sup> D, Screening Method
15.	Phosphate	mg/l	0.46	-	APHA 24 <sup>th</sup> Edition 4500 P D Stannous Chloride Method

\*ND = Not Detected

*Neelam*  
29/07/24  
 Analysed by:  
 (Neelam Badoni)

*Pradeep*  
08/07/24  
 Checked by:  
 (Pradeep Chauhan)

*S.S. Chauhan*  
 Counter sign:  
 (S.S. Chauhan)

**Note:**

1. The results in the Test Report relate only to the ~~1402~~ tested.
2. The Test Report pertains to the sample as received in lab.
3. Report shall not be reproduced without approval of laboratory.

		<b>Monthly report of CETP Outlet at Pantnagar, U.S.Nagar(2023-2024)</b>							
<b>Sampling Location</b>	<b>Month</b>	<b>Color</b>	<b>Odour</b>	<b>pH</b>	<b>BOD (mg/L)</b>	<b>COD (mg/L)</b>	<b>TDS (mg/L)</b>	<b>TSS (mg/L)</b>	
<b>Common Effluent Treatment Plant (CETP) Final Outlet at Pantnagar, U.S. Nagar</b>	Apr-23	Colourless	Odourless	7.50	22	120	374	52	
	May 23	Colourless	Odourless	7.30	27	150	352	55	
	Jun-23	Colourless	Odourless	7.20	25	136	394	46	
	Jul-23	Colourless	Odourless	7.9	22	124	264	38	
	Aug-23	Colourless	Odourless	6.9	24	136	230	44	
	Sep-23	Colourless	Odourless	7.6	21	120	211	32	
	Oct-23	Colourless	Odourless	7.5	26	180	492	78	
	Nov-23	Colourless	Odourless	6.2	15	40	705	35	
	Dec-23	Colourless	Odourless	6.9	20	84	426	52	
	Jan-24	Colourless	Odourless	7.7	24	160	656	40	
	Feb-24	Colourless	Odourless	8.03	18	140	943	45	
	<b>Prescribed standards</b>		-	-	<b>6.5-8.5</b>	<b>30</b>	<b>250</b>	<b>2100</b>	<b>100</b>

Monthly report of CETP Outlet at Pantnagar, U.S.Nagar(2024)								
Sampling Location	Month	Color	Odour	pH	BOD (mg/L)	COD (mg/L)	TDS (mg/L)	TSS (mg/L)
Common Effluent Treatment Plant (CETP) Final Outlet at Pantnagar, U.S. Nagar	March-24	Colourless	Odourless	7.86	24	180	852	64
	April-24	Colourless	Odourless	8.01	14	72	938	42
	May-24	Colourless	Odourless	7.94	18	84	1056	52
	June-24	Colourless	Odourless	8.01	14	64	886	42
Prescribed standards	-	-	-	6.5-8.5	30	250	2100	100





# ARIHANT ANALYTICAL LABORATORY PVT. LTD. 8:30

AN ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 CERTIFIED LABORATORY

272, Phase-IV, Sec-57, HSIIDC, Kundli, Sonapat-131028 (Haryana)

Ph. : 7082301442, 9250014551 Email : aalkundli@gmail.com

Website : www.aalkundli.com

## TEST REPORT

Page 1 of 1

Issued To: M/s Pantnagar CETP Pvt. Ltd.  
Plot No. CETP Sector IIDC, IIE SHIDCUL,  
Pantnagar, Udham Singh Nagar (UK)

Report No. AAL WQT-20240724028

Date of Receiving: 24/07/2024  
Date of Starting: 24/07/2024  
Date of Completion: 29/07/2024  
Date of Reporting: 29/07/2024  
Sample Quantity: 2 Litre  
Sample Packing: Sealed Plastic Bottle  
Sample Collected By: AAL

Sample Description: CETP Outlet Water

Sample Collection Date: 23/07/2024

### TEST RESULTS

S. No.	Test parameters	Unit	Results	Limits as per CPCB (Into Inland Surface Water)	Testing Method
1	Colour	Hazen	<5.0	NS	IS 3025(P-4)-2021
2	Odour	-	Agreeable	NS	IS 3025(P-5)-2018
3	Temperature	°C	32.6	Shall not exceed 5°C above the receiving water Temperature	IS 3025(P-9)-2023
4	pH Value	-	7.53	6.0 - 9.0	IS 3025(P-11)-2022
5	Total Dissolved Solids	mg/l	1080.0	NS	IS 3025(P-16)-2023
6	Total Suspended Solids	mg/l	24.0	100 Max.	IS 3025(P-17)-2022
7	Oil & Grease	mg/l	<2.0	10 Max.	IS 3025(P-39)-2021
8	Biochemical Oxygen Demand (BOD - 5 days at 27°C)	mg/l	21.0	30 Max.	IS 3025(P-44)-2023
9	Chemical Oxygen Demand(COD)	mg/l	109.0	250 Max.	IS 3025(P-58)-2023
10	Percentage Sodium (a Na)	%	0.048	NS	IS 3025(P-2)-2019
11	Total Kjeldahl Nitrogen (TKN)	mg/l	9.5	50 Max.	IS 3025(P-34/Sec-1)-2023
12	Ammonical Nitrogen (as N)	mg/l	4.0	50 Max.	IS 3025(P-34/Sec-1)-2023
13	Cadmium (as Cd)	mg/l	BLQ <sub>(LOQ=0.1)</sub>	0.05 Max.	IS 3025(P-2)-2019
14	Selenium (as Se)	mg/l	BLQ <sub>(LOQ=0.05)</sub>	0.05 Max.	IS 3025(P-56)-2003
15	Arsenic (as As)	mg/l	BLQ <sub>(LOQ=0.05)</sub>	0.2 Max.	IS 3025(P-37)-2022
16	Cyanide (as CN)	mg/l	BLQ <sub>(LOQ=0.05)</sub>	0.2 Max.	APHA 4500 CN E 24th Ed-2023
17	Lead (as Pb)	mg/l	BLQ <sub>(LOQ=0.05)</sub>	0.1 Max.	IS 3025(P-2)-2019
18	Zinc (as Zn)	mg/l	0.60	5.0 Max.	IS 3025(P-2)-2019
19	Chromium (as Cr)	mg/l	BLQ <sub>(LOQ=0.2)</sub>	2.0 Max.	IS 3025(P-2)-2019
20	Chlorides (as Cl)	mg/l	312.0	1000 Max.	IS 3025(P-32)-1988
21	Nickel (as Ni)	mg/l	BLQ <sub>(LOQ=0.1)</sub>	3.0 Max.	IS 3025(P-2)-2019
22	Copper (as Cu)	mg/l	BLQ <sub>(LOQ=0.1)</sub>	3.0 Max.	IS 3025(P-2)-2019
23	Sulphate (as SO <sub>4</sub> )	mg/l	148.0	1000 Max.	IS 3025(P-24/S-1)-2022
24	Fluoride (as F)	mg/l	1.20	2.0 Max.	APHA 4500 F D 24 <sup>th</sup> Ed-2023
25	Phenolic Compound (as C <sub>6</sub> H <sub>5</sub> OH)	mg/l	BLQ <sub>(LOQ=0.1)</sub>	1.0 Max.	IS 3025(P-43/Sec-1)-2022
26	Mercury (as Hg)	mg/l	BLQ <sub>(LOQ=0.001)</sub>	0.01 Max.	IS 3025(P-48)-1994
27	Boron (as B)	mg/l	BLQ <sub>(LOQ=0.05)</sub>	NS	IS 3025(P-2)-2019
28	Total Residual Chlorine	mg/l	BLQ <sub>(LOQ=0.1)</sub>	1.0 Max.	IS 3025(P-26)-2021

BLQ=Below of Quantification, LOQ=Limit of Quantification, NS=Not Specified

\*\*End of Report\*\*

*Ashutosh*  
ASHUTOSH SINGH  
Deputy Technical Officer  
Authorised Signatory

- Note: 1. The Result Indicated above refer to the tested sample and listed test parameters only, endorsement of products is neither inferred nor implied.  
2. Total liability of our laboratory is limited to the invoice amount.  
3. This report shall not be reproduced wholly or in part without written consent of the laboratory.  
4. This report shall not be used in any advertising media or as evidence in the court of law without prior written consent of the laboratory.  
5. The non-perishable sample received shall be destroyed after 24 months and perishable sample shall be destroyed after one week from the date of issue of report unless specified.

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Govt. Approved Test House

# Devansh Testing & Research Laboratory Pvt. Ltd.

## Test Report

94, Shiv Ganga Industrial Estate, Lakeshwari, Bhagwanpur, Roorkee - 247661 (UK)  
 Contact No. : 01332-235415, 7060134448, E-mail : dtripltd@gmail.com, Website : www.dtrilab.org



TC-6467

Sample : ETP OUTLET WATER  
 ULR No. : TC64672460004626F  
 Customer Name : ROQUETTE (INDIA) PVT. LTD., RUDRAPUR (U.K)  
 Report No. : DTRLES-220624008  
 Customer : Plot No-12, Sec-9, IIE SIDCUL, Pantnagar, Rudrapur  
 Your Ref. : 18/06/2024  
 Address : Rudrapur  
 Sample Qty. : 1 Litre  
 Date of Receipt : 22/06/2024

Date of Sampling : 21/06/2024

Date of Test Performance Initiated : 22/06/2024

### RESULTS OF ANALYSIS

Reference : EP ACT Std.  
 Description : One ETP OUTLET WATER sample was collected by us on 21-06-2024.

S.No.	Parameters	Results	Limits (Max)	Test Method
	(I) Chemical Testing (i) - Pollution and Environment			
1	pH	7.48	5.5 - 9.0	IS 3025(P-11)
2	Total suspended Solids mg/L	51	100	IS 3025(P-17)
3	Total Dissolved Solids mg/L	1310	---	IS:3025(P-16)2023
4	Chemical Oxygen Demand mg/L	99.2	250	APHA 5220 B
5	Biochemical Oxygen Demand mg/L	25	30	IS 3025(P-44)
6	Oil and Grease mg/L	<4.0	10	IS 3025(P-39)2021

Date of Completion : 02/07/2024

Note :- Party asked for the above tests only.

02/07/2024  
 DATE OF ISSUE

  
 REVIEWED BY

  
 AUTHORISED SIGNATORY

## NOTE:

- 1-Sample(s) not drawn by us unless otherwise stated.
- 2-Total liability of our analytical division is limited to the invoiced amount.
- 3-Sample will be destroyed after one month from the date of issue of test certificate unless otherwise specified.
- 4-Test certificate in full or parts shall not be used for promotional or publicity purposes.
- 5-Result given in report are related to sample tested only.

Page : 1 of 1



Arvind Kharkwal  
 Authorised Signatory  
 Devansh Testing and Research Laboratory Pvt. Ltd.

River Kalyani, Water Quality (April 2023- June 2024)

Annexure-V

Month	Location	pH	Dissolved Oxygen (mg/l)	Total Dissolved Solids (mg/l)	Electrical Conductivity (µS/cm)	BOD (mg/l)	COD (mg/l)	Total Coliform (MPN/100 ml)	Fecal Coliform (MPN/100 ml)	Water Quality as per D.B.U class
Apr-23	River Kalyani U/S Pantnagar Industrial Area	7.5	6.2	315	469	2.9	16	920	540	C
	River Kalyani D/S Rampura Ground, Rudrapur	7.4	1.1	468	711	40	248	>1600	>1600	E
	River Kalyani U/S Pantnagar Industrial Area	7.3	6.4	296	428	2.6	16	540	430	C
May-23	River Kalyani D/S Rampura Ground, Rudrapur	7.5	0.9	452	688	44	236	>1600	>1600	E
	River Kalyani U/S Pantnagar Industrial Area	7.7	5.2	306	451	3	20	430	430	B
	River Kalyani D/S Rampura Ground, Rudrapur	7.3	1.4	365	562	36	224	>1600	>1600	E
Jun-23	River Kalyani U/S Pantnagar Industrial Area	7.4	5.4	211	322	2.8	16	540	350	C
	River Kalyani D/S Rampura Ground, Rudrapur	7.5	4.1	278	422	14	112	>1600	>1600	D
	River Kalyani U/S Pantnagar Industrial Area	7.1	5	215	412	3	20	430	350	B
Aug-23	River Kalyani D/S Rampura Ground, Rudrapur	7	3	310	495	20	136	1600	920	E
	River Kalyani U/S Pantnagar Industrial Area	7.4	5.2	213	339	2.8	20	350	240	B
	River Kalyani D/S Rampura Ground, Rudrapur	7	2.9	386	569	18	120	1600	920	E
Sep-23	River Kalyani U/S Pantnagar Industrial Area	7.3	5.1	247	364	2.9	20	430	220	B
	River Kalyani D/S Rampura Ground, Rudrapur	7.2	2	395	588	24	160	>1600	1600	E
	River Kalyani U/S Pantnagar Industrial Area	7.8	5.4	276	404	2.7	16	540	350	C
Nov-23	River Kalyani D/S Rampura Ground, Rudrapur	7.6	1	410	612	38	288	1400	920	E

Month	Location	pH	Dissolved Oxygen (mg/l)	Total Dissolved Solids (mg/l)	Electrical Conductivity (µS/cm)	BOD (mg/l)	COD (mg/l)	Total Coliform (MPN/100 ml)	Fecal Coliform (MPN/100 ml)	Water Quality as per D.B.U class
Dec-23	River Kalyani U/S Panthagar Industrial Area	7.3	6.2	253	395	2.4	12	430	350	B
	River Kalyani D/S Rampura Ground, Rudrapur	7.1	1.2	424	668	34	256	1600	920	E
	River Kalyani U/S Panthagar Industrial Area	7.4	6.9	203	312	2.1	10	540	430	C
Jan-24	River Kalyani D/S Rampura Ground, Rudrapur	7.2	Nil	374	594	40	304	1600	920	E
	River Kalyani U/S Panthagar Industrial Area	7.96	6.5	294	442	2.4	16	920	350	C
	River Kalyani D/S Rampura Ground, Rudrapur	7.18	Nil	532	824	44	320	1700	1400	E
Feb-24	River Kalyani U/S Panthagar Industrial Area	7.84	7.1	353	551	2.2	14	540	430	C
	River Kalyani D/S Rampura Ground, Rudrapur	7.11	Nil	605	917	48	352	1700	1100	E
	River Kalyani U/S Panthagar Industrial Area	7.67	6.2	335	573	2.6	20	430	350	B+
Apr-24	River Kalyani D/S Rampura Ground, Rudrapur	7.19	Nil	645	998	45	320	1600	920	E
	River Kalyani U/S Panthagar Industrial Area	6.78	5.6	384	575	2.9	20	540	240	C
	River Kalyani D/S Rampura Ground, Rudrapur	7.24	Nil	645	1024	48	256	1600	540	E
May-24	River Kalyani U/S Panthagar Industrial Area	River was found Dry								
	River Kalyani D/S Rampura Ground, Rudrapur	6.88	Nil	608	1014	52	272	1600	920	E
Jun-24	River Kalyani D/S Rampura Ground, Rudrapur	River was found Dry								

93. **Primary Water Quality Criteria for Bathing Waters.**

In a water body or its part, water is subjected to several types of uses. Depending on the types of uses and activities, water quality criteria have been specified to determine its suitability for a particular purpose. Among the various types of uses there is one use that demands highest level of water quality or purity and that is termed as "Designated Best Use" in that stretch of water body. Based on this, water quality requirements have been specified for different uses in terms of primary water quality criteria. The primary water quality criteria for bathing water are specified along with the rationale in table 1.

**Table 1.**

**PRIMARY WATER QUALITY CRITERIA FOR BATHING WATER**  
(Water used for organised outdoor bathing)

CRITERIA		RATIONALE
1. Fecal Coliform MPN/100 ml:	500 (desirable) 2500 (Maximum Permissible)	To ensure low sewage contamination. Fecal coliform and fecal streptococci are considered as they reflect the bacterial pathogenicity.
2. Fecal Streptococci MPN/100 ml:	100 (desirable) 500 (Maximum Permissible)	The desirable and permissible limits are suggested to allow for fluctuation in environmental conditions such as seasonal change, changes in flow conditions etc.
2. pH:	Between 6.5 -8.5	The range provides protection to the skin and delicate organs like eyes, nose, ears etc. which are directly exposed during outdoor bathing.
3. Dissolved Oxygen:	5 mg/l or more	The minimum dissolved oxygen concentration of 5 mg/l ensures reasonable freedom from oxygen consuming organic pollution immediately upstream which is necessary for preventing production of anaerobic gases (obnoxious gases) from sediment.
4. Biochemical Oxygen demand 3 day, 27°C:	3 mg/l or less	The Biochemical Oxygen Demand of 3 mg/l or less of the water ensures reasonable freedom from oxygen demanding pollutants and prevent production of obnoxious gases";

## Designated Best Use Water Quality Criteria

Designated-Best-Use	Class of water	Criteria
Drinking Water Source without conventional treatment but after disinfection	<b>A</b>	Total Coliforms Organism MPN/100ml shall be 50 or less pH between 6.5 and 8.5 Dissolved Oxygen 6mg/l or more Biochemical Oxygen Demand 5 days 20C 2mg/l or less
Outdoor bathing (Organised)	<b>B</b>	Total Coliforms Organism MPN/100ml shall be 500 or less pH between 6.5 and 8.5 Dissolved Oxygen 5mg/l or more Biochemical Oxygen Demand 5 days 20C 3mg/l or less
Drinking water source after conventional treatment and disinfection	<b>C</b>	Total Coliforms Organism MPN/100ml shall be 5000 or less pH between 6 to 9 Dissolved Oxygen 4mg/l or more Biochemical Oxygen Demand 5 days 20C 3mg/l or less
Propagation of Wild life and Fisheries	<b>D</b>	pH between 6.5 to 8.5 Dissolved Oxygen 4mg/l or more Free Ammonia (as N) 1.2 mg/l or less
Irrigation, Industrial Cooling, Controlled Waste disposal	<b>E</b>	pH between 6.0 to 8.5 Electrical Conductivity at 25C micro mhos/cm Max. 2250 Sodium absorption Ratio Max. 26 Boron Max. 2mg/l

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MoEF &amp; CC (Ministry of Environment, Forest &amp; Climate Change), UPPCB Recognized Laboratory

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**TEST CERTIFICATE****Issued To:** M/s Uttrakhand Pollution Control Board**Address:** Chamunda Complex, Ramnagar Road, Kashipur, Uttarakhand**Report Code** : W-220624-042  
**Test Report of** : Water  
**Service Request No** : NTL/SRF/06/24-03  
**Service Request Date** : 20/06/2024  
**Report Issue Date** : 30/06/2024**SAMPLING & ANALYSIS DATA**

Sample Drawn On : 22/06/2024  
 Sample Drawn By : NTL Representative  
 Sample Received On : 22/06/2024  
 Sample Quantity : 2.0 Liter + 500 mL  
 Sample Packaging Details : In a Sealed Plastic Bottle  
 Sample Description : Surface Water (K-1)  
 Location : River Kalyani D/S of Ligancy Waste , Rudrapur (Rampur a Ground ,Rudrapur)

**RESULTS**

S.No.	Parameter	Units	Test Method	Results
1.	pH	-	IS:3025(Part-11)	8.07
2.	Colour	Hazen	IS:3025(Part-4)	90.0
3	Electric Conductivity @25°C	us/cm	IS:3025(Part-14)	1450
4.	Total Dissolved Solid	mg/l	IS:3025(Part-16)	722.0
5.	COD (as O <sub>2</sub> )	mg/l	IS:3025(Part-58)	275.0
6	BOD (3 days at 27°C)	mg/l	IS:3025 (P-44)	48.0
7.	Nitrate (NO <sub>3</sub> -N)	mg/l	IS:3025(Part-34)	1.84
8	Nitrite (as NO <sub>2</sub> )	mg/l	IS:3025(Part-34)	1.24
9	Phosphate (as P)	mg/l	IS:3025(Part-31)	2.84
10	Total Suspended Solid	mg/l	IS:3025(Part-17)	448
11	Turbidity	NTU	IS:3025(Part-10)	28
12	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	IS:3025(Part-23)	368.0
13.	Total Hardness (as CaCO <sub>3</sub> )	mg/l	IS:3025(Part-21)	356.0
14.	Chloride (as Cl)	mg/l	IS:3025(Part-32)	103.0

**Laboratory** : GT-20, Sector-117, NOIDA, Gautam Budh Nagar - 201301**Branch Office** :**HARIDWAR | RUDRAPUR | CHANDIGARH | DEHRADUN | PUNE**

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## TEST CERTIFICATE

15	Total Coliform	MPN/100ml	IS:1622	2000
16.	Faecal Coliform	MPN/100ml	IS:1622-1998	640
17	Faecal Streptococci	MPN/100ml	IS:1622-1998	210
18.	Iron (as Fe)	mg/l	IS:3025(Part-53)	0.242
19.	Arsenic (as As)	mg/l	IS:3025(Part-37)	BDL(<0.01)
20.	Lead (as Pb)	mg/l	IS:3025(Part-47)	BDL(<0.01)
21.	Zinc (as Zn)	mg/l	IS:3025(Part-49)	BDL(<5.0)
22.	Manganese (as Mn)	mg/l	IS:3025(Part-59)	BDL(<0.01)
23.	Total Chromium (as Cr)	mg/l	IS:3025(Part-52)	BDL(<0.01)
24.	Cadmium (as Cd)	mg/l	IS-3025(Part-41)	BDL(<0.01)
25.	Mercury (as Hg)	mg/l	IS-3025(Part-48)	BDL(<0.01)
26.	Nickel (as Ni)	mg/l	IS-3025(P-54)	BDL(<0.01)
27	Ammonical Nitrogen (as NH <sub>3</sub> -N)	mg/l	IS-3025(P-34)	12.4
1.	Aldrin	µg/l	USEPA 8270-E	BDL (<0.01)
2.	Dieldrin	µg/l	USEPA 8270-E	BDL (<0.01)
3.	Alpha-BHC	µg/l	USEPA 8270-E	BDL (<0.001)
4.	Beta-BHC	µg/l	USEPA 8270-E	BDL (<0.01)
5.	Gamma-BHC (Lindane)	µg/l	USEPA 8270-E	BDL (<0.1)
6.	Carbary (Carbamate)	µg/l	USEPA 8270-E	BDL (<0.01)
7.	Anilophos	µg/l	USEPA 8270-E	BDL (<0.01)
8.	Chlorpyrifos	µg/l	USEPA 8270-E	BDL (<0.50)
9.	2,4-Dichlorophenoxy Acetic Acid	µg/l	USEPA 8270-E	BDL (<0.50)
10.	O,p -DDT	µg/l	USEPA 8270-E	BDL (<0.01)
11.	p,p-DDT	µg/l	USEPA 8270-E	BDL (<0.01)
12.	Alpha-Endosulfan	µg/l	USEPA 8270-E	BDL (<0.10)
13.	Beta-Endosulfan	µg/l	USEPA 8270-E	BDL (<0.10)
14.	Malathion	µg/l	USEPA 8270-E	BDL (<0.50)
15.	Methyl Parathion	µg/l	USEPA 8270-E	BDL (<0.50)

\*\*End of Report\*\*

W-220624-042

### Notes:

The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.

Responsibility of the Laboratory is limited to the invoiced amount only.

This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.

The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

Checked by  
CHECKED BY

AUTHORIZED SIGNATORY



Laboratory : GT-20, Sector-117, NOIDA, Gautam Budh Nagar - 201301

Branch Office :

HARIDWAR | RUDRAPUR | CHANDIGARH | DEHRADUN | PUNE

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MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB Recognized Laboratory

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## TEST CERTIFICATE

**Issued To:** M/s Uttarakhand Pollution Control Board

**Address:** Chamunda Complex, Ramnagar Road, Kashipur, Uttarakhand

**Report Code** : W-220624-043

**Test Report of** : Water

**Service Request No** : NTL/SRF/06/24-03

**Service Request Date** : 20/06/2024

**Report Issue Date** : 30/06/2024

### SAMPLING & ANALYSIS DATA

Sample Drawn On : 22/06/2024  
Sample Drawn By : NTL Representative  
Sample Received On : 22/06/2024  
Sample Quantity : 2.0 Liter + 500 mL  
Sample Packaging Details : In a Sealed Plastic Bottle  
Sample Description : Surface Water (K-2)  
Location : River Kalyani U/S of Ligancy Waste , Rudrapur (U/S Of bridge Rudrapur-kichha highway )

### RESULTS

S.No.	Parameter	Units	Test Method	Results
1.	pH	-	IS:3025(Part-11)	7.62
2.	Colour	Hazen	IS:3025(Part-4)	60
3	Electric Conductivity @25°C	us/cm	IS:3025(Part-14)	1284
4.	Total Dissolved Solid	mg/l	IS:3025(Part-16)	686.0
5.	COD (as O <sub>2</sub> )	mg/l	IS:3025(Part-58)	225
6	BOD (3 days at 27°C)	mg/l	IS:3025 (P-44)	45.0
7.	Nitrate (NO <sub>3</sub> -N)	mg/l	IS:3025(Part-34)	1.46
8	Nitrite (as NO <sub>2</sub> )	mg/l	IS:3025(Part-34)	0.94
9	Phosphate (as P)	mg/l	IS:3025(Part-31)	0.84
10	Total Suspended Solid	mg/l	IS:3025(Part-17)	240.0
11	Turbidity	NTU	IS:3025(Part-10)	14.0
12	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	IS:3025(Part-23)	368.0
13.	Total Hardness (as CaCO <sub>3</sub> )	mg/l	IS:3025(Part-21)	300.0

Laboratory : GT-20, Sector-117, NOIDA, Gautam Budh Nagar - 201301

Branch Office :

HARIDWAR | RUDRAPUR | CHANDIGARH | DEHRADUN | PUNE

E.: noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com



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MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

## TEST CERTIFICATE

14.	Chloride (as Cl)	mg/l	IS:3025(Part-32)	95.0
15.	Total Coliform	MPN/100ml	IS:1622-1998	1800
16.	Faecal Coliform	MPN/100ml	IS:1622-1998	600
17.	Faecal Streptococci	MPN/100ml	IS:1622-1998	180
18.	Iron (as Fe)	mg/l	IS:3025(Part-53)	0.124
19.	Arsenic (as As)	mg/l	IS:3025(Part-37)	BDL(<0.01)
20.	Lead (as Pb)	mg/l	IS:3025(Part-47)	BDL(<5.0)
21.	Zinc (as Zn)	mg/l	IS:3025(Part-49)	BDL(<5.0)
22.	Manganese (as Mn)	mg/l	IS:3025(Part-59)	BDL(<0.01)
23.	Total Chromium (as Cr)	mg/l	IS:3025(Part-52)	BDL(<0.01)
24.	Cadmium (as Cd)	mg/l	IS-3025(Part-41)	BDL(<0.01)
25.	Mercury (as Hg)	mg/l	IS-3025(Part-48)	BDL(<0.01)
26.	Nickel (as Ni)	mg/l	IS-3025(P-54)	BDL(<0.01)
27.	Ammonical Nitrogen (as NH <sub>3</sub> -N)	mg/l	IS-3025(P-34)	8.24
1.	Aldrin	µg/l	USEPA 8270-E	BDL (<0.01)
2.	Dieldrin	µg/l	USEPA 8270-E	BDL (<0.01)
3.	Alpha-BHC	µg/l	USEPA 8270-E	BDL (<0.001)
4.	Beta-BHC	µg/l	USEPA 8270-E	BDL (<0.01)
5.	Gamma-BHC (Lindane)	µg/l	USEPA 8270-E	BDL (<0.1)
6.	Carbary (Carbamate)	µg/l	USEPA 8270-E	BDL (<0.01)
7.	Anilophos	µg/l	USEPA 8270-E	BDL (<0.01)
8.	Chlorpyrifos	µg/l	USEPA 8270-E	BDL (<0.50)
9.	2,4-Dichlorophenoxy Acetic Acid	µg/l	USEPA 8270-E	BDL (<0.50)
10.	O,p -DDT	µg/l	USEPA 8270-E	BDL (<0.01)
11.	p,p-DDT	µg/l	USEPA 8270-E	BDL (<0.01)
12.	Alpha-Endosulfan	µg/l	USEPA 8270-E	BDL (<0.10)
13.	Beta-Endosulfan	µg/l	USEPA 8270-E	BDL (<0.10)
14.	Malathion	µg/l	USEPA 8270-E	BDL (<0.50)
15.	Methyl Parathion	µg/l	USEPA 8270-E	BDL (<0.50)

W-220624-043

**\*\*End of Report\*\***

**Notes:**

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
- Responsibility of the Laboratory is limited to the invoiced amount only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY

AUTHORIZED SIGNATORY



Laboratory : GT-20, Sector-117, NOIDA, Gautam Budh Nagar - 201301

Branch Office :

HARIDWAR | RUDRAPUR | CHANDIGARH | DEHRADUN | PUNE

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**HEAD OFFICE**  
**Uttarakhand Pollution Control Board**  
**"Gaura Devi Prayavaran Bhawan"**  
**46B, I.T. Park, Sahastradhara Road, Dehra Dun**

UKPCB/HO/Gen-183-344 (III)/Kalyani/2020 - 5393 - 1036

Date: 12.12.2020

'Hon'ble NGT Matter'

To,

- |   |  |
|---|--|
| <p>1. Chief Executive Officer,<br/>Climate Adaptation Methodology<br/>for Protected Areas (CAMPA),<br/>85, Rajpur Road, Dehradun.</p> <p>3. Director,<br/>Urban Development,<br/>31/62, Rajpur Road,<br/>Dehradun.</p> <p>5. General Manager,<br/>State Infrastructure &amp; Industrial<br/>Development Corporation of<br/>Uttarakhand Ltd., 29 IIE (I.T. Park),<br/>Sahastradhara Road, Dehradun.</p> <p>7. Managing Director,<br/>Uttarakhand Peyjal Nigam,<br/>11 Mohini Road, Dalanwala,<br/>Dehradun.</p> <p>9. General Manager,<br/>District Industry Centre,<br/>Rudrapur, Distt- Udham Singh<br/>Nagar.</p> | <p>2. District Magistrate,<br/>Rudrapur,<br/>Distt- Udham Singh Nagar.</p> <p>4. Municipal Commissioner,<br/>Nagar Nigam, Rudrapur,<br/>Distt- Udham Singh Nagar.</p> <p>6. Engineer In Chief,<br/>Irrigation Department,<br/>Madho Singh Bhandari Bhawan,<br/>Yamuna Colony, Dehradun.</p> <p>8. Regional Director,<br/>Central Ground Water Board (CGWB),<br/>Uttarakhand Region, 419 A,<br/>Kanwali Road,<br/>Near Urja Bhawan, Dehradun.</p> |
|---|--|

Direction under section 33(A) of the water (Prevention and Control of Pollution) Act, 1974 regarding Execution of Action Plans for rejuvenation of river Kalyani (Downstream of Pantnagar) as per Hon'ble N.G.T. order dated 20.09.2018, 19.12.2018 & 08.04.2019- reg.

Whereas, under section 18(1) (b) of the Water (Prevention and Control of Pollution) Act, 1974, mandates to perform function as may be prescribed or as may from time to time, be entrusted to it by Central Pollution Control Board or the State Government;

Whereas, under section 17 of the Water (Prevention and Control of Pollution) Act, 1974, one of the function of the State Pollution Control Board (SPCB), constituted under the water (Prevention and Control of Pollution) Act, 1974, is to plan a comprehensive programme for prevention, control or abatement of pollution of streams and wells located in the State and to secure the execution therefore and;

Whereas, under section 25 of the Water (Prevention and Control of Pollution) Act, 1974, no person shall, without the permission consent of State Board establish or take step to establish any industry, operation or process or treatment or disposal system or an extension or addition, there to which is likely to discharge sewage or trade effluent in to a stream or well or sewer or on land; and

*[Handwritten Signature]*

Whereas, the Central Government has notified standards for discharge of environment pollution from industries & common effluent treatment plants (CETP's) under the Environment (Protection) Act, 1986 and rules framed there under and;

Whereas, the hon'ble National Green Tribunal (NGT), passed the order, on dated 20.09.2018, 19.12.2018 & 08.04.2019 in the matter of O.A no. 673/2018, New item published in "The Hindu" authors by Shri Jacob Koshy titled

"more river stretches are now critically pollutant, to prepared Action Plan for restoration of polluted river Stretches in category of priority I, II, III, IV & V within two month for bringing all the polluted river stretches to be fit at least for bathing purpose (i.e. BOD <3 mg/l and FL 3500 mpn/100 ml) within six month from date of finalisation the action plan."

Whereas, the hon'ble NGT order on dated 20.09.2018, Utrakkhand State have total nine polluted river stretches, four river respectively Suswa, Dhela, Kichha & Bhela are categorised in priority I&II, other five river respectively Kalyani, Ganga, Kosi, Nandour & Pilakhar are in priority III & IV as per BOD load.

Whereas, State Government of Utrakkhand has constituted the River Rejuvenation committee headed by Principal Secretary, Environment and Forest Government of Utrakkhand and the Action Plan for priority I & II for river Bhela, Dhela, Kichha of distt- Udham Singh Nagar and River Suswa of Distt- Dehradun were approved by the River Rejuvenation Committee and same was submitted to CPCB on dated 27.05.2019.

Whereas, The Action Plan for priority III & IV for river Nandhor, Kosi, Kalyani, Pilakhar of distt- Udham Singh Nagar and River Ganga of distt- Haridwar were approved by the River Rejuvenation Committee in its 5<sup>th</sup> meeting held on dated 24.06.2019.

Whereas, The Action Plan for priority III & IV for river Nandhor, Kosi, Kalyani, Pilakhar of distt- Udham Singh Nagar and River Ganga of distt- Haridwar were approved by the Task Team of Central Pollution Control Board, New Delhi on its 14th meeting held on 04.09.2020.

Whereas, The Action points elaborated in the Action Plan for various concerned department for rejuvenation of Nandhor, Kosi, Kalyani, Pilakhar and Ganga are to be executed within the time frame.

Whereas, following approved Action Plan has been formulated for executing of Action Points for River Rejuvenation of river Kalyani.

#### ACTION PLAN:

Identified activities and concerned authorities for initiating actions and the time limits and budgetary requirements:

SN	Action plan for rejuvenation of river <u>Kalyani</u>	Agency Responsible for Execution of the Action Plan	Budgetary Requirement (Rs. In Lacs)	Time Target
<b>I. Industrial Effluent Management:</b>				
a)	Routine/surprise inspection GPIs and Red category of industries for ensuring compliance of effluent discharge standards as prescribed under E (P) Rules, 1986, as amended.	Special Environmental Surveillance Task Force / UKPCB	Nil	Continuous activity.

6. Flood Plain Zone:	
a)	River Kalyani is non-perennial water body, therefore flood plain zoning is not required for river Kalyani.
7. Environmental Flow:	
a)	River Kalyani is non-perennial water body. Irrigation department has initiated the flow measurement of river from October 2020
8. Catchment area treatment:	
a)	The catchment area treatment of river Kalyani is proposed by CAMPA. The work will be started from 01.01.2021.


Now therefore, in exercise of powers confined under section 33(A) of the Water (Prevention & Control of Pollution) Act, 1974, concerned authorities/organization are directed to execute the action points related to their organization for rejuvenation of river Kalyani within time frame mentioned in the action plan and submit the progress report of the same to this office on quarterly basis. You are also directed to nominate the nodal officer for your organization for review of compliance of action plan within a week. Kindly acknowledge the receipt of same within a week from receipt of this direction.

  
Member Secretary

Copy to: - Following for information and necessary action:-

1. Principal Secretary, Environment & Climate Change, Govt. of Uttarakhand for kind information pleases.
2. Secretary, Urban Development Department, Govt. of Uttarakhand, Dehradun for issuing necessary direction to Municipal Commissioner, Nagar Nigam, Rudrapur, Distt- Udham Singh Nagar.
3. Secretary, Payjal Department, Govt. of Uttarakhand, Dehradun for issuing necessary direction to Managing Director, Uttarakhand Payjal Nigam, 11 Mohini Road, Dalanwala, Dehradun, Uttarakhand.
4. Secretary, Irrigation Department, Govt. of Uttarakhand, Dehradun for issuing necessary direction to Engineer In Chief, Irrigation Department, Yamuna Colony, Dehradun.
5. Secretary, Industrial Department, Govt. of Uttarakhand, Dehradun for issuing necessary direction to General Manager, District Industry Centre, Rudrapur, Distt- Udham Singh Nagar.
6. Managing Director, State Infrastructure & Industrial Development Corporation of Uttarakhand Ltd., 29 IIE (I.T. Park), Sahastradhara Road, Dehradun.
7. Nodal Officer, (River Rejuvenation), UKPCB, Head Office, Dehradun for necessary action and compliance.
8. Regional Officer (I/C), UKPCB, Kashipur, Udham Singh Nagar for necessary action and compliance.

  
Member Secretary

a/c  


b)	Strengthening of Environment Surveillance Squad (ESS) of UKPCB	UKPCB	Nil	Continuous activity.
c)	Monitoring of drains carrying industrial wastewater and CETP outlet.	UKPCB	Nil	Continuous activity.
<b>2. Networking of Conveyor System of CETP:</b>				
a)	Establishment of leftover 8 Km. conveyor networking leading to CETP.	SIDCUL	960.00	Work order issued and work to be completed by January 31, 2021.
<b>3. Sewage Management:</b>				
a)	Interception and diversion of 22-drains.	Uttarakhand Peyjal Jal Nigam.	DPR under preparation	Two year from sanction of funds.
b)	Installation of 2-Nos. of STPs at – Rampura Trenching Ground (18 MLD) and Ravindra Nagar Maidan (26 MLD).			
c)	Operation and Maintenance of 2 Nos. of STPs for 15 years; Operation and Maintenance of 3 Nos. I&D Works for 15 years; Land acquisition etc. expenses.			
<b>4. Solid Waste Management:</b>				
a)	Door to door collection of solid waste in all 40 wards of town.	Nagar Nigam, Rudrapur.	DPR of Rs. 3873 lakh has been approved with integrated solid waste management Plan with Haldwani Cluster. The DPR of Legacy waste for the amount of 2.10 crore approved and work order issued	Within two year.
b)	Source segregation of wastes in all 40 wards of town.			
c)	Setting up solid waste processing facilities.			
<b>5. Groundwater Quality:</b>				
a)	Groundwater quality monitoring.	UKPCB	-	Monitoring is been carried out twice in the Year.

**Revised Action Plan  
for Rejuvenation of Kalyani River  
Stretches**

**Priority – III**

## 1. INTRODUCTION

River Kalyani originating from the Tanda forest area of district Nainital and passing through agriculture fields of Pantnagar areas and followed by Integrated Industrial Estate (IIE), Pantnagar. River Kalyani receives wastewater from Common Effluent Treatment Plant (CETP) having installed capacity of 4.0 MLD, however, presently CETP receiving about 2.5 MLD to 2.8 MLD wastewater from 305 industrial Unit. About 193 industrial units are not connected with CETP as conveyer system is not available for those industries. The work of conveyance system is in progress is to be completed by 31-01-2021, however individual industrial units have made their effluent treatment plant (ETP) as per requirement. About 11.5 Km length of River Kalyani along the IIE Pantnagar and downstream of Pantnagar is identified as polluted river stretch. River Kalyanai receives treated wastewater from CETP through its storage lagoon and other industrial units where conveyer system is not available. Apart from these sources, it also receives municipal drains from residential areas of Rudrapur city located downstream of Integrated Industrial Estate (IIE), Pantnagar.

## 2. WATER QUALITY GOALS:

It is an important aspect for maintain wholesomeness of river Kalyani in context of meeting designated water quality criteria. The natural flow of river Kalyani is very low. As it passes through IIE Pantnagar, it receives industrial wastewater and CETP outlet discharge as well as wastewater from residential areas. It is pertinent to mention that because of low natural flowing water during most of the time, even if the industries located in industrial estate meet the prescribed discharge norms as stipulated under the Environment (Protection) Rules, 1986, **it would not be possible to achieve river water quality of Class 'B'.**

### Water Quality Characteristics of River Kalyani:

River quality monitoring is being carried out by the Uttarakhand Pollution Control Board at upstream of IIE Pantnagar at Nagla Road, Pantnagar and downstream at Sidcul Chowki, Pantnagar. Water quality data as given blow:

### Water Quality Characteristics of River Kalyani at U/S Pantnagar (2018)

Month	pH	BOD (mg/L)	DO (mg/L)
Jan-18	7.2	3.2	8.2
Feb-18	7.2	2.2	8
Mar-18	River is non-perennial in nature, during summer season river found dry		
Apr-18	River is non-perennial in nature, during summer season river found dry		
May-18	River is non-perennial in nature, during summer season river found dry		
Jun-18	7.2	3.2	7.2
Jul-18	7.6	2.6	7.2
Aug-18	7.6	1.8	7.8
Sep-18	7.5	4	7.2
Oct-18	7.3	8	6.2
Nov-18	7.2	4.2	6.8
Dec-18	7.4	3.2	6.4

**Water Quality Characteristics of River Kalyani at D/S Pantnagar (2018)**

Month	pH	BOD (mg/L)	DO (mg/L)
Jan-18	7.9	8.2	5.20
Feb-18	7.4	6	5.20
Mar-18	6.98	20	1.80
Apr-18	6.86	80	0.60
May-18	7.1	52	1.20
Jun-18	6.4	48	1.20
Jul-18	7.3	44	1.80
Aug-18	7.8	30	3.20
Sep-18	6.9	34	2.80
Oct-18	7.3	36	2.00
Nov-18	7.6	26	2.60
Dec-18	6.8	30	2.80

**Water Quality Characteristics of River Kalyani at U/S Pantnagar (2019)**

Month	pH	BOD (mg/L)	DO (mg/L)
Jan-19	7.1	4	6.2
Feb-19	7.7	4	6
Mar-19	7.3	4.6	5.2
Apr-19	7.5	5.2	6
May-19	7.4	4.6	5.8
Jun-19	7.7	4.2	6.4
Jul-19	7.1	6	6.8
Aug-19	7.2	6.2	4
Sep-19	7.2	6	4
Oct-19	7.8	6.2	5.2
Nov-19	7.5	6	4.2
Dec-19	7.4	10	3.2

**Water Quality Characteristics of River Kalyani at D/S Pantnagar (2019)**

Month	pH	BOD (mg/L)	DO (mg/L)
Jan-19	6.7	24	3.2
Feb-19	6.9	20	2.8
Mar-19	7.6	14	4.8
Apr-19	7.2	12	2
May-19	6.8	10	2.4
Jun-19	7.4	6	2
Jul-19	7.1	4	6.4
Aug-19	7.2	6	6.4
Sep-19	6.5	4	6.5
Oct-19	7.2	6.4	1.8
Nov-19	7	9	2.2
Dec-19	7.3	22	1.8

**River Kalyani at Upstream of Pantnagar at Nagla road, (US Nagar) (2020)**

Month	pH	BOD (mg/L)	DO (mg/L)	Total Coliforms MPN/100ml
Jan-20	7.2	5.2	6.8	-
Feb-20	7.54	8	4.4	-
Mar-20	8.5	6	2	-
Apr-20	7.4	3	8	-
May-20	7.6	4.6	6.2	-
Jun-20	7.2	6.4	3.1	-
Jul-20	7.8	50	2.8	540
Aug-20	7.3	3.9	7.1	500

**River Kalyani at Downstream of Pantnagar (US Nagar) (2020)**

Month 2020	pH	BOD (mg/L)	DO (mg/L)	Total Coliforms MPN/100ml
Jan-20	7.3	16	1.4	-
Feb-20	7.16	20	1.6	-
Mar-20	7.9	6.8	2.8	-
Apr-20	7.5	5.2	3.7	-
May-20	7.0	6.4	3.1	-
Jun-20	7.8	8.2	2.9	-
Jul-20	7.4	15	2.5	920
Aug-20	7.45	12	5.8	1600

**Basis of Proposed Action Plan for rejuvenation of river Kalyani:**

River Kalyani is a spring fed river and river water quality before entering into IIE, Pantanagar, as such not receives any direct source of pollution. Deterioration in water quality is reported mainly because of industrial wastewater and CETP outlet domestic wastewater from residential colonies. Efficient operation of CETP as well as effluent treatment plants of industries which are not connected with CETP, along with interception, diversion and treatment of domestic wastewater drains are matter of grave concerned. Therefore, action plan for prevention and control of pollution of river Kalyani has been prepared based on the following components:

**3. IDENTIFICATION OF SOURCE OF WATER POLLUTION:**

The proposed action plan for rejuvenation of river Kalyani consisting following components:

**3.1 Source Control:**

Source control includes industrial pollution control and treatment and disposal of Domestic sewage as detailed below:

**(a) Industrial Pollution control:**

- i. Identification of pollution potential industries
- ii. Sector specific categorization of industries.
- iii. Assessment of Water consumption and wastewater discharge and gap in treatment of industrial effluent.

- iv. Provision of wastewater treatment system.
- v. Efficient Operation of CETP of IIE Pantnagar.
- vi. Establishment of leftover networking of conveyor system of CETP.

The drainage map of river Kalyani is annexed at Annexure- 01

**(b) Sewage Management:**

- i. Estimation of quantity of sewage generated and requirement of treatment capacity.
- ii. Gap analysis in terms of sewage generation, existing installed treatment capacity and required treatment capacity.
- iii. Identification of municipal drains & their discharge in the catchment of river Kalyani.
- iv. Interception and diversion of municipal drains to STP.
- v. Treatment and disposal of septage and controlling open defecation.

**(c) Solid Waste Management:**

- i. Implementation of Door-to-Door collection.
- ii. Source segregation as biodegradable and non-biodegradable wastes.
- iii. Identification of suitable site for setting up common waste processing and secure landfill facility.
- iv. Transportation, disposal and treatment facilities of municipal solid wastes generated from town in accordance of provisions of the Solid Waste Management Rules, 2016.
- v. Restriction on illegal disposal of solid waste along the river bank and flood plain zones.
- vi. Prohibition on burning of solid wastes.
- vii. Implementation of Construction and Demolition Wastes Management Rules.

**3.2 Groundwater Water Quality:**

- i. Periodic groundwater quality assessment at strategic locations.

**3.3 Flood Plain Zone.**

- i. Flood plain zoning.

**3.4 Ecological/Environmental Flow (E-Flow)**

- i. Maintaining E-Flow.

**4. RIVER KALYANI REJUVENATION PLAN:**

Following are the action plan for rejuvenation of river Kalyani as detailed below:

**4.1 Industrial Pollution Control:**

The UKPCB is vigil on operation of Common Effluent Treatment Plant (CETP) and individual effluent treatment plants of industries which are located in the area where connectivity to CETP is not available. Grossly polluting industries (GPIs) and other

categories of water polluting industries are motoring closely. There are 03 GPIs operating in the catchment of river Kalyani. Details of GPIs are given as below:

S N	Industry Name	Water Consumption (KLD)	Waste Water Generation (KLD)	Compliance Status
1	Tata Motors Ltd., Sector-1, IIE, Pantnagar (US Nagar)	4600	3840	Comply
2	Ashok Leyland Ltd, IIE, Plot No. 1, Sector-12, Pantnagar (US Nagar).	1500	610	Comply
3	Bajaj Auto Ltd., Plot No. 2, Sector-10, IIE Pantnagar (US Nagar)	395	300	Comply

Category wisenumber of industries operating in the area are as follows: All the unit have valid CCA and complying the norms.

S.N.	Number of Unit			Total	Compliance status
	Red	Orange	Green		
1	99	362	207	688	305 unit are connected to CETP and 193 unit having their own ETP are yet to be connected with CETP. Rest of unit are located out side of the industrial estate and they have their own ETP.

#### 4.2 Networking of Conveyor system of CETP:

There are total of 522 Nos. of industries, out of which 498 industries in operation and 24 industries are under construction in the IIE Pantnagar. 305 Nos. of industries are connected with CETP through common conveyor system, while 193 nos. of industries are not connected with CETP due to non-availability of conveyor network. SIIDCUL has proposed to provide conveyor network of about of 8 Km with approximate cost of Rs. 10.00 Crore. It is proposed that networking would be completed by January 31,2021.

Regular monitoring of CETP outlet will be carried out in order to comply outlet discharge standards as specified under Environment (Protection) Rules, 1986 as amended.

Environmental Surveillance Squad (ESS) also formed at head office level in order to make surprise inspection. Strengthening of ESS will be carried out for effective surveillance.

#### 4.3 Industrial hazardous waste management:

Recyclable hazardous wastes, mainly used oil/contaminated barrels are being recycled through registered recyclers, while landfillable waste is being disposed thorough M/S Bharat Oil and Waste Management Pvt. Ltd. located at Laksar, Distt. Hardiwar with an installed capacity of 667 MT/month landfill. Incinerable waste is either disposed through

common incinerator of 1000 MT/month incineration capacity or through co-processing in cement kilns.

#### 4.3 Sewage Management:

About 37 MLD sewage is generated from the entire city. At present there is no sewerage facility in the town.

UttarakhandPeyjal Nigam has identified 22 major drains which draining to river Kalyani. The details of the drains and BOD load is as follows:

S.No	Name of Drain	Discharge (MLD)	BOD (mg/L)
1	AtariyaMelaNalla(28°59.389'N, 79°24.515'E)	0.23	14
2	AtariyaNalla Ward No. 06(28°59.379'N, 79°24.512'E)	3.22	5.2
3	Near Atariya Bridge Nala(28°59.338'N, 79°24.505'E)	0.51	16
4	Mukherjee Nagar Nala(28°59.290'N, 79°24.517'E)	0.93	11
5	MachhliwalaNala (Azaad Nagar Nala) (28°59.054'N, 79°24.451'E)	5.27	22
6	SamsaanGhatNalla(28°58.982'N, 79°24.399'E)	3.22	24
7	BrihaspatiMandirwalaNalla ward no -09 (28°58.974'N, 79°24.289'E)	2.59	7.1
8	Shiv'Nagar Nalla-1(28°58.920'N, 79°24.243'E)	0.04	12
9	Shiv Nagar Iron Bridge Nala(28°58.907'N, 79°24.234'E)	0.06	7
10	Ravindra Nagar WalaNalla -1(28°58.907'N, 79°24.234'E)	0.04	62
11	Kali MandirNallaRavindranagar(28°58.857'N, 79°24.228'E)	0.16	4.7
12	Ravindra Nagar MaidanWalaNalla(28°58.389'N, 79°24.515'E)	0.29	19
13	Shiv Nagar Wala Nalla-2(28°58.879'N, 79°24.294'E)	0.04	12
14	Shiv Nagar Nalla-3(28°58.868'N, 79°24.312'E)	0.04	36
15	Shiv Nagar KhatekoNalla-Ward No. 09 (28°58.793'N, 79°24.265'E)	0.04	92
16	KhatikoNala- 2 (28°58.774'N, 79°24.237'E)	0.16	8.2
17	DD Chowkwalanalla(28°58.686'N, 79°24.167'E)	2.00	9.1
18	Roadways WalaNala (28°58.637'N, 79°24.147'E)	0.16	Closed
19	Dariya Nagar WalaNalla(28°58.528'N, 79°24.149'E)	0.23	112
20	Meat Market walanalla(28°58.373'N, 79°24.111'E)	6.26	5.1
21	Kali MandirNallaRampura(28°57.993'N, 79°24.122'E)	1.11	261
22	RampuraNalla(28°57.883'N, 79°24.139'E)	2.00	13

The water quality of various drains contributing pollution to river Kalyani is as follows:

#### General Parameters:

S.N.	Name of Drain	pH	BOD	DO	Feacalcolifrom	FeacalStreptococci
1	AtariyaMelaNalla	7.33	14	5.8	540	220
2	AtariyaNalla Ward No. 06	7.33	5.2	6.8	280	170

3	Near Atariya Bridge Nala	7.19	16	2.8	>1600	920	
4	Mukherjee Nagar Nala	7.22	11	6.2	540	350	
5	MachhliwalaNala (Azaad Nagar Nala)	7.36	22	4.1	>1600	540	
6	SamsaanGhatNalla	7.39	24	3.8	>1600	920	
7	BrihaspatiMandirwalaNalla ward no -09	7.12	7.1	6.6	540	350	
8	Shiv Nagar Nalla-1	7.28	12	6	920	430	
9	Shiv Nagar Iron Bridge Nala	7.46	7	6.7	350	240	
10	Ravindra Nagar WalaNalla -1	7.13	62	2.8	>1600	920	
11	Kali MandirNallaRavindranagar	7.49	4.7	7	210	Absent	
12	Ravindra Nagar MaidanWalaNalla	7.4	19	5.4	>1600	540	
13	Shiv Nagar Wala Nalla-2	7.47	12	6.3	430	280	
14	Shiv Nagar Nalla-3	7.28	36	4	920	350	
15	Shiv Nagar KhatekoNalla-Ward No. 09	7.15	92	<1	>1600	>1600	
16	KhatikoNala- 2	7.01	8.2	6.6	920	350	
17	DD Chowkwalanalla	7.27	9.1	3.8	>1600	540	
18	Behind Jaycees Public School (Roadways WalaNala)	Closed					
19	Dariya Nagar WalaNalla	6.93	112	1.4	>1600	540	
20	Meat Market walanalla	7.01	5.1	7.2	350	110	
21	Kali MandirNallaRampura	7.26	261	<1	>1600	540	
22	RampuraNalla	7.4	13	6	920	280	

### Heavy Metalsparameters :

S.N.	Drain	Cd	Ni	Cr	Zn	Fe	As
1	AtariyaMelaNalla	<0.001	<0.01	0.02	0.09	1.43	<0.01
2	AtariyaNalla Ward No. 06	<0.001	0.01	0.02	0.1	1.37	<0.01
3	Near Atariya Bridge Nala	<0.001	0.01	0.02	0.09	1.9	<0.01
4	Mukherjee Nagar Nala	<0.001	<0.01	0.026	0.09	1.19	<0.01
5	Machhliwala (Azaad Nagar Nala)	<0.001	0.01	0.04	0.09	1.23	<0.01
6	SamsaanGhatNalla	<0.001	0.02	0.02	0.09	1.37	<0.01
7	BrihaspatiMandirwalaNalla ward no -09	<0.001	0.012	0.02	0.11	1.51	0.01
8	Shiv Nagar Nalla-1	<0.001	<0.01	0.03	0.08	1.14	<0.01
9	Shiv Nagar Iron Bridge Nala	<0.001	0.02	0.03	0.13	1.37	0.84
10	Ravindra Nagar WalaNalla -1	<0.001	0.03	0.04	0.24	3.75	0.01
11	Kali MandirNallaRavindranagar	<0.001	0.02	0.02	0.11	1.33	<0.01
12	Ravindra Nagar MaidanWalaNalla	<0.001	0.03	0.04	0.21	2.1	<0.01
13	Shiv Nagar Wala Nalla-2	<0.001	0.01	0.02	0.14	1.27	0.01
14	Shiv Nagar Nalla-3	<0.001	<0.01	<0.05	BDL	<0.10	<0.01
15	Shiv Nagar KhatekoNalla-Ward No. 09	<0.001	0.01	0.02	0.11	1.34	<0.01
16	KhatikoNala- 2	<0.001	0.01	0.03	0.11	1.81	<0.01
17	DD Chowkwalanalla	<0.001	<0.01	0.02	0.08	1.18	<0.01

		Closed					
18	Roadways WalaNala	<0.001	0.01	0.03	0.12	1.73	<0.01
19	Dariya Nagar WalaNalla	<0.001	0.01	0.02	0.08	1.15	<0.01
20	Meat Market walanalla	<0.001	<0.01	0.03	0.1	1.3	<0.01
21	Kali MandirNallaRampura	<0.001	<0.01	<0.05	0.09	1.18	<0.01
22	RampuraNalla	<0.001	<0.01	<0.05	0.09	1.18	<0.01

The details of Sewage management and proposed action plan is as follows:

S.N.	Name of ULB	Population in 2011	Total Sewage generation MLD		Available sewage treatment facility	Action Plan
			Existing	Expected for 2032		
1	Nagar Nigam Rudrapur	1,75,713	18.9	37.0	No	DPR for Bio-remediation of drains of Rs. 684.18 Lakh to send to NMCG for approval.  DPR for STP and interception & diversion under preparation.

#### 4.4 Solid Waste Management:

About 60 MTPD solid wastes is generated from the Rudrapur city. Nagar Nigam, Rudrapur is statutory body responsible for management of solid wastes as per provisions of Solid Waste Management Rules, 2016 as amended. The population of Rudrapur town is 175723 as per census of 2011. Nagar Nigam is divided into 40 wards. 100 % door to door collection is being undertaken. Nagar Nigam has approved Bye Laws for user charges and implemented.

S. N.	Name of ULB	No. of Wards	Quantity of Waste MTD	D-to-D collection	Source segregation	Action Plan
1	Nagar Nigam Rudarpur	40	60	100%	10%	DPR for common disposal facility approved. This facility is cluster with Haldwani disposal side. Work order issued for Bio-remediation of legacy waste

#### 4.5 C & D Waste Management:-

The Uttarakhand Urban Development Department has issued necessary directions to all local body for identification of site for disposal of C& D Waste.

#### 4.6 Ground Water Quality:

So far contamination of groundwater is not reported in the area, however groundwater quality monitoring carried out. The analysis report is as follows, it is proposed at least twice in the year, the monitoring of ground water will be carried out.

**General Parameter:**

Locations	Parameter (mg/L)					
	pH	EC	TDS	COD	Fluoride	Total Hardness
Upstream of River Kalyani	7.95	488	244	7.8	0.48	216
Downstream of River Kalyani	7.89	351	176	7.8	0.32	140

**Heavy Metals parameter:**

Locations	Parameter (mg/L)					
	Cd	Cr	Ni	Zn	Fe	As
Upstream of River Kalyani	0.001	0.03	0.01	0.57	1.02	0.01
Downstream of River Kalyani	0.001	0.02	0.01	0.2	1.19	0.01

**4.7 Flood Plan Zone (FPZ):**

River Kalyani is non perennial river hence no flood plain zone is required as reported by irrigation department, therefore flood plain zoning is not required for river Kalyani.

**4.8 Environmental Flow (E-Flow):**

River Kalyani carrying very less natural water during non-monsoon months. Wastewater from industries and CETP outlet increases the flow of river. Therefore, it would be difficult to maintain natural environmental flow in the river, however the irrigation department has initiated the measurement of flow and river by October 2020.

**4.9 Catchment Area Treatment:**

The catchment area treatment of river Kalyani is proposed by CAMPA. The work will be started from 01.01.2021.

**4.10 Monitoring of Action Plan:**

The proposed Action Plan will be monitored by the River Rejuvenation Committee (RRC) constituted by Government of Uttarakhand vide Office order dated 05.12.2018, under the overall supervision and co-ordination of Principal Secretary, Forest & Environment, Govt. of Uttarakhand. The sub committee will be formed for the periodical monitoring of activities.

**4.11 Activities wise Gap Analysis details**

**Municipal Solid waste**

S.no.	Name of ULB	Total Waste	Solid	Available facility	Gaps
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		Generation (MTD)		
1	Nagar Nigam, Rudrapur	60	No Treatment and disposal facility available	100 %

**Municipal Sewage Management**

S.no.	Name of ULB	Total Waste Water Generation (MID)	Available Treatment facility	Gaps
1	Nagar Nigam, Rudrapur	37	No Treatment facility available	100 %

**Industrial Waste Water Management**

S.no.	Name of ULB	No. of Unit				Available Treatment facility	Gaps
		Red	Orange	Green	Total		
1	Nagar Nigam, Rudrapur	99	362	207	688	305 Units are connected with CETP and remaining Units have their own ETP. All the units are complying to norms. SIDCUL has submitted proposal for Connection of remaining units by January 2021.	Nil

**Bio-Medical Waste Management**

S.no.	Name of ULB	Total No. of HCF	Total BMW Generation (KG/Day)	Available Treatment facility	Gaps
1	Nagar Nigam, Rudrapur	76	120	Common BWM Treatment Facility Gadarpur	Nil

**5. ACTION PLAN:**

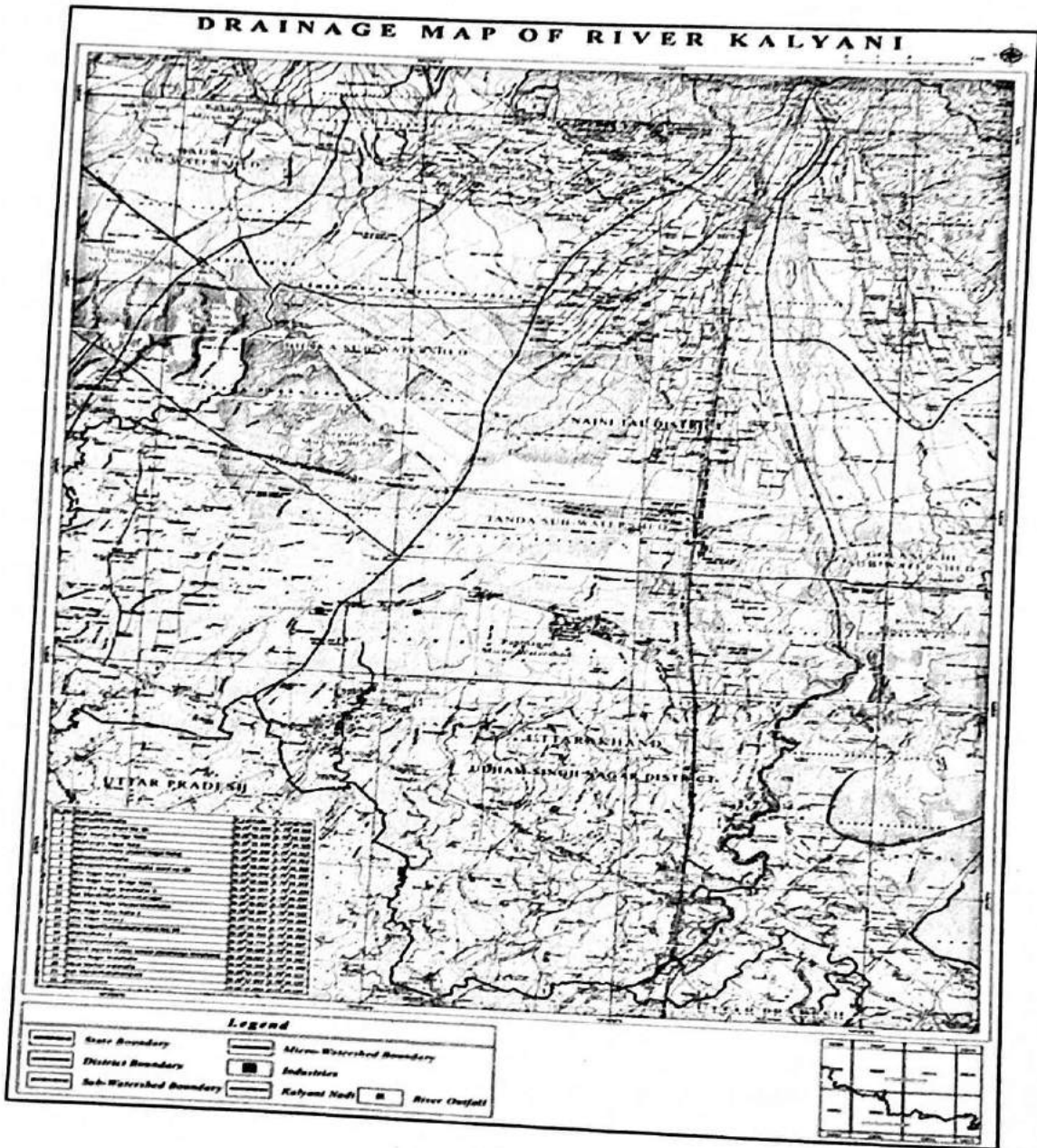
Identified activities and concerned authorities for initiating actions and the time limits and budgetary requirements:

SN	Action plan for rejuvenation of river Kalyani	Agency Responsible for Execution of the Action Plan	Budgetary Requirement (Rs. In Lacs)	Time Target
<b>1. Industrial Effluent Management:</b>				
a)	Routine /surprise inspection GPIs and Red category of industries for ensuring compliance of	Special Environmental Surveillance Task Force / UKPCB	Nil	Continuous activity.

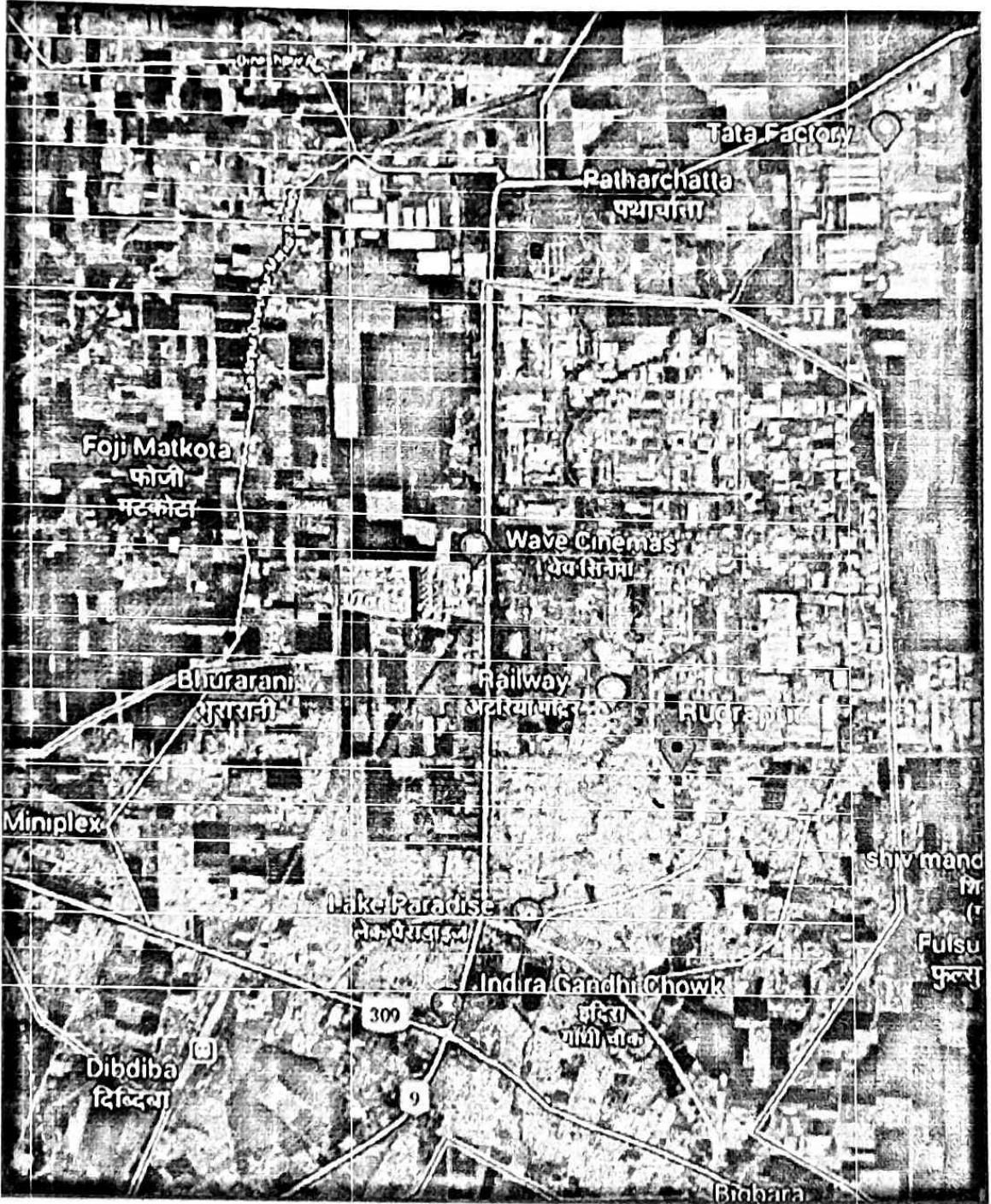
	effluent discharge standards as prescribed under E (P) Rules, 1986, as amended.			
b)	Strengthening of Environment Surveillance Squad (ESS) of UKPCB	UKPCB	Nil	Continuous activity.
c)	Monitoring of drains carrying industrial wastewater and CETP outlet.	UKPCB	Nil	Continuous activity.
<b>2. Networking of Conveyor System of CETP:</b>				
a)	Establishment of leftover 8 Km. conveyor networking leading to CETP.	SIDCUL	960.00	Work order issued and work to be completed by January 31, 2021.
<b>3. Sewage Management:</b>				
a)	Interception and diversion of 22- drains.	Uttarakhand Peyjal al Nigam.	DPR under preparation	Two year from sanction of funds..
b)	Installation of 2-Nos. of STPs at – Rampura Trenching Ground (18 MLD) and Ravindra Nagar Maidan (26 MLD).			
c)	Operation and Maintenance of 2 Nos. of STPs for 15 years; Operation and Maintenance of 3 Nos. I&D Works for 15 years; Land acquisition etc. expenses.			
<b>4. Solid Waste Management:</b>				
a)	Door to door collection of solid waste in all 40 wards of town.	Nagar Nigam, Rudrapur.	DPR of Rs. 3873 lakh has been approved with integrated solid waste management Plan with Haldwani Cluster.	Within two year.
b)	Source segregation of wastes in all 40 wards of town.			
c)	Setting up solid waste processing facilities.			

			The DPR of Legacy waste for the amount of 2.10 crore approved and work order issued	
<b>5. Groundwater Quality:</b>				
a)	Groundwater quality monitoring.	UKPCB	-	Monitoring is been carried out twice in the Year
<b>6. Flood Plain Zone:</b>				
a)	River Kalyani is non-perennial water body, therefore flood plain zoning is not required for river Kalyani.			
<b>7. Environmental Flow:</b>				
a)	River Kalyani is non-perennial water body. Irrigation department has initiated the flow measurement of river from October 2020			
<b>8. Catchment area treatment:</b>				
a)	The catchment area treatment of river Kalyani is proposed by CAMPA. The work will be started from 01.01.2021.			

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**Annexure - 02**



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