

**Observed Variation in Flow and Organic Load of Priority Drains monitored during  
Pre and Post Monsoon, 2018 (Discharged into Ganga)**

State/ Phase/Segment	Priority Towns	Mixed Priority Drains	Domestic Priority Drains	Total Priority Drains	Pre-Monsoon, 2018		Post-Monsoon, 2018	
					Flow (MLD)	BOD Load (TPD)	Flow (MLD)	BOD Load (TPD)
Uttarakhand Phase-I Segment-A (Gangotri to Haridwar D/S)	05	NIL	14	14	403.21	23.19	435.86	8.32
Uttar Pradesh Phase-I Segment-B (Haridwar D/S to Kanpur D/S to Unnao)	07	11	19	30	578.81	55.08	859.21	42.73
Uttar Pradesh Phase-II (Unnao D/S to UP Border)	06	05	21	26	1125.73	66.44	782.88	42.21
Bihar Phase-III (UP Border to Jharkhand)	05	02	19	21	1087.18	39.47	984.99	40.55
Jharkhand Phase-III (UP Border to Jharkhand)	01	NIL	02	02	42.56	2.48	41.35	2.45
West Bengal Phase-IV (Jharkhand Border to Bay of Bengal)	34	16	42	58	7375.02	241.17	7615.85	212.45
<b>Total</b>	<b>58</b>	<b>34</b>	<b>117</b>	<b>151</b>	<b>10,612.51</b>	<b>427.83</b>	<b>10,720.14</b>	<b>348.71</b>

Note:

1. Drains which having flow equal to or more than 1MLD and some exceptional drains (< 1MLD) which discharges directly into main stem of River Ganga were considered as priority drains in pre and post-monsoon, 2018. Therefore, total no. of priority drains discharged into River Ganga is 151.
2. As per joint monitoring teams of post-monsoon, 2018, recommended to remove 3 priority drains (i. e Sasanghat Drain, Kashipur Khal & Baranagar Khal) from West Bengal and recommended to add drains i.e. Collectorate drain (Uttarkashi, UK), IDPL drains (Rishikesh, UK), Visundarpur drain (Visundarpur, UP), Jagaddal drain (Jagaddal, WB) and Rosbara khal (Bandel, WB).

**Observed Variation in Flow and Organic Load of Priority Drains monitored during  
Pre and Post Monsoon, 2018 (Discharged into Ramganga, Kali East & Pandu)**

State/ Phase/Segment	Priority Towns	Mixed Priority Drains	Domestic Priority Drains	Total Priority Drains	Pre-Monsoon, 2018		Post-Monsoon, 2018	
					Flow (MLD)	BOD Load (TPD)	Flow (MLD)	BOD Load (TPD)
Uttar Pradesh Phase-I Segment-B (Ramganga)	04	08	16	24	525.48	98.09	932.73	50.46
Uttar Pradesh Phase-I Segment-B (Kali East)	10	11	14	25	645.01	72.44	953.29	229.58
Uttar Pradesh Phase-I Segment-B (Pandur)	01	03	05	05	353.51	30.36	261.58	22.61
<b>Total</b>	<b>15</b>	<b>22</b>	<b>32</b>	<b>54</b>	<b>1524.00</b>	<b>200.89</b>	<b>2147.60</b>	<b>302.65</b>

Note:

1. Drains which having flow equal to or more than 1MLD and some exceptional drains (< 1MLD) which discharges directly into tributaries were considered as priority drains in pre and post-monsoon, 2018. Therefore, total no. of priority drains discharged into tributaries (Ramganga, Kali East & Pandu) is 54.
2. As per joint monitoring teams of post-monsoon, 2018, recommended to remove 2 priority drains (i. e Adil Nagar & Bridge Dhameda) from Uttar Pradesh.

### Uttarakhand, Phase-I Segment-A (Gangotri to Haridwar D/S)

No. of Monitored Drains	Catchment/ Town	Priority Drains with Sl. No.	Pre-monsoon, 2018		Post-monsoon, 2018		Pollution Sources	Status	Sampling/ Confluence		Discharged Industries
			Flow in MLD	Organic Load in TPD	Flow in MLD	Organic Load in TPD			Latitude	Longitude	
1.	Uttarkashi	1. Tiloth Nalla	1.00	0.02	-	-	Domestic	Tapped into SPS	30.729005	78.447317	
2.	Uttarkashi	2. Tambakhani Drain	-	-	-	-	Domestic	Tapped into Tekla STP	30.729980	78.436020	
3.	Uttarkashi	3. Valmiki Vasti Drain	-	-	-	-	Domestic	Tapped	30.728488	78.444522	
4.	Uttarkashi	4. Kailash Ashram Drain	-	-	-	-	Domestic	Not Measurable	30.733191	78.449647	
5.	Devprayag	5. Shanta Nalla	3.20	0.04	9.87	0.05	Domestic	Flow	30.147178	78.597698	
6.	Koudiyala	6. Koudiyala Nalla	-	-	-	-	Strom water	Dry	30.075320	78.494832	
7.	Rishikesh	7. Triveni Drain	-	-	-	-	Domestic	Tapped	30.102840	78.299720	
8.	Rishikesh	8. Lakkar Ghat STP Drain	10.37	0.35	17.28	0.17	Domestic	Flow	30.055302	78.265736	
9.	Rishikesh	9. Swarg Ashram Drain	-	-	0.86	0.004	Strom water	Flow	30.112775	78.312279	
10.	Haridwar	10. Jagjeetpur STP Drain	124.54	6.35	124.45	3.11	Domestic	Flow	29.540370	78.082450	
11.	Haridwar	11. Kassavan Drain	243.65	15.11	259.20	4.41	Domestic	Flow	30.257140	76.416290	
12.	Haridwar	12. Pandey Wala Drain	20.45	1.33	24.19	0.58	Domestic	Flow	30.257140	76.416290	
13.	Haridwar	13. Matra Sadan Drain	-	-	-	-	Domestic	Standing	29.545270	78.083830	
14.	Haridwar	14. Rawlirao Drain	-	-	-	-	Domestic	Dry	29.940000	78.070000	
	<b>5T</b>	<b>14</b>	<b>403.21</b>	<b>23.19</b>	<b>435.86</b>	<b>8.32</b>	<b>12D, 2SW</b>				

### Uttar Pradesh, Phase-I Segment-B (Haridwar D/S to Kanpur D/S to Unnao)

No. of Monitored Drains	Catchment/ Town	Priority Drains with Sl. No.	Pre-monsoon, 2018		Post-monsoon, 2018		Pollution Sources	Status	Sampling/ Confluence		Industries
			Flow in MLD	Organic Load in TPD	Flow in MLD	Organic Load in TPD			Latitude	Longitude	
15.	Bijnor	1. Hemraj Drain	16.59	0.05	93.45	0.001	Domestic	Flow	29.195650	78.529970	
16.	Bijnor	2. Chhoiya Drain	9.68	0.11	144.32	0.87	Mixed	Flow	29.331470	78.531610	Paper & Distilleries
17.	Gajrola	3. Bagad River	4.55	0.20	-	-	Mixed	Standing	28.805000	77.217000	Paper, Distilleries, Fertilizer, Chemical, Sugar, Foods & Dairy
18.	Garh	4. Garh Drain	-	-	72.99	0.36	Domestic	Flow	28.765584	78.138489	
19.	Garh	5. Fuldhera Drain	35.64	1.17	-	-	Mixed	Standing	28.765000	77.002000	Sugar & Distillery
20.	Anupshahar	6. Anupshahar STP Drain-1	2.30	0.03	2.35	0.08	Domestic	Flow	28.228400	78.154320	
21.	Anupshahar	7. Anupshahar STP Drain-2	2.00	0.02	2.12	0.02	Domestic	Flow	28.210000	78.161560	
22.	Farrukhabad	8. Bhairoghat drain/Tokaghat Nala	12.44	0.41	14.10	0.26	Mixed	Flow	27.242257	79.384100	Textiles
23.	Farrukhabad	9. Dhinapur drain	1.26	0.09	3.17	0.20	Mixed	Flow	27.242257	79.384100	Dairy
24.	Farrukhabad	10. Hathikhana Nala-Fatehgarh	21.39	1.06	28.70	0.66	Domestic	Flow	27.214895	79.375469	
25.	Farrukhabad	11. Bargadiya Ghat drain	-	-	6.64	0.13	Domestic	Flow	27.214895	79.375469	
26.	Farrukhabad	12. Cantt Nalla	9.62	0.42	17.70	0.40	Domestic	Flow	27.389402	79.634241	
27.	Kanpur	13. Permiya Nala	189.81	1.61	166.51	2.05	Domestic	Flow	26.301960	80.191209	
28.	Kanour	14. Ranighat drain	1.33	0.29	1.08	0.25	Domestic	Flow	26.294670	80.192970	

29.	Kanpur	15. Sisamau Nala	158.17	18.82	241.60	30.20	Mixed	Flow	26.292926	80.195968	Slaughter House & Tanneries
30.	Kanpur	TEFCO Nala into Parmath Drain	-	-	-	-	Domestic	Tapped & Non Priority & Removed	26.291414	80.204025	
31.	Kanpur	16. Parmath drain	8.39	0.79	-	-	Domestic	Not Measurable	26.291300	80.204000	
32.	Kanpur	17. Muir drain	24.59	1.66	3.50	0.15	Domestic	Flow	26.292178	80.210943	
33.	Kanpur	Police Line drain into Muir Drain	-	-	-	-	Domestic	Tapped & Non Priority & Removed	26.284480	80.213290	
34.	Kanpur	18. Jail drain	-	-	-	-	Domestic	Tapped & Dry	26.284458	80.213360	
35.	Kanpur	19. Golaghat Nala	3.56	0.20	1.13	0.18	Domestic	Flow	26.275620	80.223900	
36.	Kanpur	20. Bhagwatdas Nala/Guptarghat Nala	2.77	0.30	1.99	0.13	Domestic	Flow	26.282850	80.215670	
37.	Kanpur	21. Satti Chaura	0.84	0.04	1.29	0.08	Domestic	Flow	26.273280	80.225090	
38.	Kanpur	22. Dabka Nalla-1 (Kachha)	-	-	-	-	Domestic	Tapped	26.264000	80.233820	
39.	Kanpur	23. Dabka Nalla-2 (Pakka)	-	-	-	-	Domestic	Tapped	26.264000	80.233820	
40.	Kanpur	24. Dabka Nalla-3 into Pond	0.79	0.02	-	-	Domestic	Tapped	26.264130	80.233910	
41.	Kanpur	25. Shetla Bazar (Kachha nala)	22.74	14.14	11.73	1.81	Mixed	Flow	26.260430	80.243020	Tanneries
42.	Kanpur	26. Budhiyaghat Drain	0.22	0.03	-	-	Mixed	Tapped	26.255100	80.244200	Tanneries
43.	Kanpur	27. Wazidpur Nalla	9.87	9.70	4.93	1.48	Mixed	Flow	26.252400	80.258870	Tanneries
44.	Kanpur	28. Airforce Nala	2.26	0.11	-	-	Domestic	Tapped	26.272550	80.223950	
45.	Unnao	29. City Jail Drain (Dakary Drain)	7.00	1.18	27.50	3.36	Mixed	Flow	26.225800	80.304500	Tanneries, Distilleries & Textiles
46.	Unnao	30. Loni Drain	31.00	1.63	12.40	0.07	Mixed	Flow	26.431000	80.599000	Tanneries, Dying, Slaughter House & Textiles
	7T	30	578.81	55.08	859.21	42.73	19D, 11M				
<b>Uttar Pradesh, Phase-II (Unnao D/S to UP Border)</b>											
No. of Monitored Drains	Catchment/ Town	Priority Drains with Sl. No.	Pre-monsoon, 2018		Post-monsoon, 2018		Pollution Sources	Status	Sampling/ Confluence		Industries
			Flow in MLD	Organic Load in TPD	Flow in MLD	Organic Load in TPD			Latitude	Longitude	
47.	Allahabad	Seepage is Ahiyari/ NTPC			-	-	-	Non Priority & Removed	-	-	
48.	Allahabad	1. Ahiyari/ NTPC drain	23.91	0.09	27.99	BDL	Mixed	Flow	25.981668	81.342153	Thermal Power
49.	Allahabad	2. Rasulabad Drain-1 (Pakka)	16.99	0.73	-	-	Domestic	Tapped	25.502300	81.515600	
50.	Allahabad	3. Rasulabad Drain-2 (Pakka)	2.46	0.15	-	-	Domestic	Tapped	25.502300	81.515600	
51.	Allahabad	4. Rasulabad Drain-3 (Kachha)	0.68	0.02	5.49	0.26	Domestic	Flow	25.308500	81.512280	
52.	Allahabad	5. Rasulabad Drain-4 (Kachha)	68.07	0.76	52.05	1.57	Domestic	Flow	25.495200	81.848500	
53.	Allahabad	6. Sadananda Ashram Drain	1.36	0.02	-	-	Domestic	Tapped	25.503700	81.862000	
54.	Allahabad	7. Nehru Drain	1.15	0.01	2.85	0.04	Domestic	Flow	25.469700	81.793400	
55.	Allahabad	8. Kodar Drain	-	-	-	-	Domestic	Tapped	-	-	
56.	Allahabad	9. Pongaghat Drain	-	-	-	-	Domestic	Tapped	-	-	
57.	Allahabad	10. Solari Drain	22.64	0.22	93.06	4.84	Domestic	Flow	25.272700	81.879300	

58.	Allahabad	11. Mavaiya Drain	71.09	1.06	71.09	3.20	Domestic	Flow	25.232400	81.545000	
59.	Allahabad	12. Chuhara Mandir Drain-1	3.29	0.13	7.64	0.45	Domestic	Flow	25.503100	81.860600	
60.	Allahabad	13. Chuhara Mandir Drain-2	0.86	0.05	-	-	Domestic	Tapped	25.503500	81.859100	
61.	Allahabad	Arail Drain in Yamuna	2.09	0.05	2.59	0.09	Domestic	Flow & Non Priority & Removed	25.254000	81.525700	
62.	Allahabad	Sasurkhaderi Drain in Yamuna	-	-	-	-	Domestic	Tapped & Non Priority & Removed	-	-	
63.	Allahabad	Mehndauri Drain in Rasulabad-4	10.15	0.09	-	-	Domestic	Tapped & Non Priority & Removed	25.503700	81.202000	
64.	Allahabad	Jhusi Drain in Mansaita	1.45	0.02	1.84	1.09	Domestic	Flow & Non Priority & Removed	25.264000	81.542000	
65.	Allahabad	14. Chhatnag Drain	7.63	0.36	26.60	3.22	Domestic	Flow	25.259000	81.535900	
66.	Allahabad	15. Mannaiya as Muglaha Drain	0.89	0.004	-	-	Mixed	Dry	25.193100	81.575000	Paper & Engineering
67.	Allahabad	Muglaha Drain	-	-	-	-	Domestic	Non Priority & Removed	-	-	
68.	Bhadohi	Chauri Drain in Moorva in Varuna River	3.39	0.18	2.59	0.21	Mixed	Dry & Non Priority & Removed	25.278000	82.162100	
69.	Bhadohi	Barbaspur Drain in Moorva in Varuna River	2.64	0.10	-	-	Domestic	Diverted into Agricultural Land & Non Priority & Removed	25.228000	82.362100	
70.	Mirzapur	16. Ghore Saheed Drain	21.86	0.30	30.64	0.56	Domestic	Flow	25.930750	82.355000	
71.	Mirzapur	17. Khandwa Drain	19.27	0.68	11.79	0.61	Domestic	Flow	25.948000	82.331680	
72.	Lohandi	Lohandi Drain in Ojhla	-	-	9.07	0.01	Mixed	Flow & Non Priority & Removed	25.920370	82.314158	
73.	Mirzapur	18. Chorwa Drain	2.92	0.12	0.66	0.02	Domestic	Flow	25.947000	82.335550	
74.	Chunar	19. Chunar Tikaur Drain (2)	-	-	0.73	0.02	Domestic	Flow	25.732000	82.521123	
75.	Varanasi	20. Nagwa/ Asi Drain	198.00	22.57	138.93	11.93	Domestic	Flow	25.165800	83.003500	
76.	Varanasi	21. Ramnagar Drain	11.29	1.77	28.64	0.82	Mixed	Flow	25.145900	83.015100	Paper & Engineering
77.	Varanasi	22. Varuna Drain	571.30	31.59	-	-	Mixed	Not Measurable	25.194500	83.023900	Textiles, Dying & Engineering
78.	Varanasi	23. Shivala Drain	-	-	-	-	Domestic	Tapped	-	-	
79.	Varanasi	24. Khirkiya/ Rajghat Nala	25.57	3.96	180.72	12.27	Domestic	Flow	25.193400	83.021800	
80.	Varanasi	Asi Drain is Nagwa Drain	-	-	-	-	-	Non Priority & Removed	-	-	
81.	Chandauli	Ghuraha Drain in Ramnagar	185.00	3.24	-	-	Mixed	Non Priority & Removed	25.145100	83.033800	
82.	Chandauli	25. Local Drain/ Ganda Nala	41.00	1.68	93.00	2.06	Domestic	Flow	25.174700	83.082000	
83.	Ghazipur	26. Industrial Drain	13.50	0.29	11.00	0.35	Mixed	Flow	25.334400	83.334200	Distillery
	<b>6T</b>	<b>26</b>	<b>1125.73</b>	<b>66.44</b>	<b>782.88</b>	<b>42.21</b>	<b>21D, 5M</b>				

Bihar, Phase-III (UP Border to Jharkhand)											
No. of Monitored Drains	Catchment/ Town	Priority Drains with Sl. No.	Pre-monsoon, 2018		Post-monsoon, 2018		Pollution Sources	Status	Sampling/ Confluence		Industries
			Flow in MLD	Organic Load in TPD	Flow in MLD	Organic Load in TPD			Latitude	Longitude	
84.	Buxer	1. Sidnath Drain	2.46	0.12	3.07	0.21	Domestic	Flow	25.345300	83.584770	
85.	Buxer	2. Nath Baba Drain	20.38	0.22	22.58	0.72	Domestic	Flow	25.342270	83.580250	
86.	Buxer	3. Tadka Drain	9.43	0.74	11.79	1.27	Domestic	Flow	25.346210	83.583520	
87.	Buxer	4. Sariupur Drain	7.35	0.14	8.96	0.40	Domestic	Flow	25.356500	83.590760	
88.	Buxer	5. Danapur Cantt Drain	50.64	0.18	8.68	0.29	Domestic	Flow	25.383900	85.026500	
89.	Patna	6. Digha Ghat Drain	97.69	2.54	86.40	2.07	Domestic	Flow	25.390640	85.045320	
90.	Patna	7. Kurzi Drain	98.77	3.95	64.80	2.85	Mixed	Flow	22.332290	88.195060	Coca Cola & Engineering
91.	Patna	8. Rajapur Drain	178.69	6.43	155.52	6.22	Domestic	Flow	25.373560	85.073390	
92.	Patna	9. Bansh Ghat Drain	160.31	11.54	143.04	7.30	Domestic	Flow	25.372460	85.080340	
93.	Patna	10. Collectriate Ghat Drain	30.33	1.97	34.56	2.49	Domestic	Flow	22.372200	85.090890	
94.	Patna	11. Mittan Ghat Drain	17.22	1.52	16.20	1.20	Domestic	Flow	25.362330	85.130460	
95.	Munger	12. ITC Drain	-	-	-	-	Domestic	Dry	-	-	
96.	Munger	13. Lal Darwaja drain	27.16	0.54	28.98	2.26	Domestic	Flow	25.235520	86.292160	
97.	Bhagalpur	14. Jamunia Drain	31.03	2.86	33.61	2.35	Domestic	Flow	25.143180	86.552500	
98.	Bhagalpur	15. Adampur Drain	30.67	1.73	32.72	1.70	Domestic	Flow	25.152970	86.585620	
99.	Bhagalpur	16. Sarkikal Drain	29.23	1.11	31.97	4.22	Domestic	Flow	25.158400	86.597690	
100.	Bhagalpur	17. Saklichand Drain	42.30	1.52	43.87	3.69	Domestic	Flow	25.151690	86.582420	
101.	Bhagalpur	18. Barari Ghat Drain	1.57	0.09	2.40	0.06	Domestic	Flow	25.161230	87.013030	
102.	Bhagalpur	Manik Sarkar Drain is Adampur Drain	-	-	-	-	-	Non Priority & Removed	-	-	
103.	Bhagalpur	19. DN Singh Drain	2.60	0.27	2.60	0.06	Domestic	Flow	25.256530	86.976530	
104.	Bhagalpur	20. Koyal Ghat Drain	24.36	1.44	25.58	0.61	Domestic	Flow	25.261328	86.987770	
105.	Kahalgaon	21. Kowa Drain	224.99	0.56	227.66	0.57	Mixed	Flow	25.152400	87.135570	Engineering's
	<b>5T</b>	<b>21</b>	<b>1087.18</b>	<b>39.47</b>	<b>984.99</b>	<b>40.55</b>	<b>19D, 2M</b>				
Jharkhand, Phase-III (UP Border to Jharkhand)											
No. of Monitored Drains	Catchment/ Town	Priority Drains with Sl. No.	Pre-monsoon, 2018		Post-monsoon, 2018		Pollution Sources	Status	Sampling/ Confluence		Industries
			Flow in MLD	Organic Load in TPD	Flow in MLD	Organic Load in TPD			Latitude	Longitude	
106.	Sahebganj	1. Gopal Pull Nallah	3.68	0.57	4.32	0.12	Domestic	Flow	25.149150	87.381780	
107.	Sahebganj	2. Jharna Nallah	38.88	1.91	37.03	2.33	Domestic	Flow	25.142400	87.385570	
	<b>1T</b>	<b>2</b>	<b>42.56</b>	<b>2.48</b>	<b>41.35</b>	<b>2.45</b>	<b>2D</b>				

## West Bengal, Phase-IV (Jharkhand Border to Bay of Bengal)

No. of Monitored Drains	Catchment/ Town	Priority Drains with Sl. No.	Pre-monsoon, 2018		Post-monsoon, 2018		Pollution Sources	Status	Sampling/ Confluence		Industries
			Flow in MLD	Organic Load in TPD	Flow in MLD	Organic Load in TPD			Latitude	Longitude	
108.	Jangipur	1. Jangipur Drain	25.00	1.75	-	-	Domestic	Dry	24.465659	88.068739	
109.	Kalyani	2. Majher Char Khal	369.36	7.76	90.70	0.73	Mixed	Flow	22.581890	88.242890	Small Scale Industries
110.	Halisahar	3. Halisahar Drain	49.27	2.71	231.55	4.63	Domestic	Flow	22.554270	88.243720	
111.	Garifa	4. Garifa Drain-South/Ramaghat-Open pucca drain	14.72	0.53	64.80	1.81	Domestic	Flow	22.542480	88.241880	
112.	Garifa	5. Garifa Drain-North	122.62	2.33	19.87	0.64	Domestic	Flow	22.542800	88.241770	
113.	Ramaghat	Ramaghat-Open pucca drain is Garifa Drain-S	-	-			Domestic	Non Priority & Removed	-	-	
114.	Naihati	6. Thanar Khal	143.90	11.22	24.19	1.50	Domestic	Flow	22.533490	88.242890	
115.	Naihati	7. Sasan ghat Drain	105.00	9.03	-	-	Domestic	-	22.525270	88.243560	
116.	Hooghly	8. Dhopa Ghat Drain	4.10	0.07	21.15	0.40	Domestic	Flow	22.571180	88.242160	
117.	Hooghly	9. Emambara Khal	10.12	0.30	59.25	1.07	Domestic	Flow	22.543220	88.240420	
118.	Hooghly	10. BTPS Out fall Drain-I	85.50	0.21	124.57	0.31	Mixed	Flow	22.594966	88.242625	BTPS thermal Power
119.	Hooghly	11. ITC Triveni Drain	9.90	0.02	6.68	0.05	Mixed	Flow	22.594960	88.242620	Pulp & Paper
120.	Hooghly	12. Chinsurah-Majir Rasta Drain	103.68	1.97	192.00	2.88	Domestic	Flow	22.523180	88.233140	
121.	Chinsurah	13. Chinsurah-Chandni Ghat Drain	15.50	0.12	55.74	1.62	Domestic	Flow	22.544700	88.235800	
122.	Chandannagar	14. Chandannagar Drain	3.29	0.16	4.02	0.19	Domestic	Flow	22.857028	88.369900	
123.	Bhatapara	15. Bhatapara Drain	7.39	0.85	7.90	1.14	Mixed	Flow	22.871420	88.399300	Jute Mills
124.	Bhatapara	16. Bhatapara-Open pucca drain	112.32	5.62	212.63	12.55	Mixed	Flow	22.525300	88.243500	Jute Mills
125.	Baidyabati	17. Bidyabati Drain	491.40	11.79	414.36	7.87	Mixed	Flow	22.465030	88.194650	Dye & Dairy
126.	Baidyabati	18. Seraphouli Khal	-	-	-	-	Domestic	Dry	22.465350	88.191900	
127.	Ichapur	19. Debitala Pancha Khal	87.09	6.97	48.87	3.86	Domestic	Flow	22.815310	88.360363	
128.	Champdani	20. DVC Canal	956.50	33.48	790.56	25.30	Domestic	Flow	22.482165	88.211228	
129.	Serampore	21. Serampore Drain	8.73	0.06	8.06	0.10	Domestic	Flow	22.443740	88.212250	
130.	Serampore	22. Chatra Khal	23.32	0.42	25.92	0.83	Domestic	Flow	22.453260	88.203150	
131.	Barrackpore	23. Barrackpore Khal	44.77	4.57	74.00	16.13	Domestic	Flow	22.460650	88.201920	
132.	Barrackpore	24. Gandhighat Drain	3.16	0.02	1.15	0.01	Domestic	Flow	22.450130	88.215100	
133.	Barrackpore	Dhobi Ghat Drain	0.45	0.001	-	-	Domestic	Non Priority & Removed	22.455250	88.204180	
134.	Titagarh	25. Titagarh Drain	11.92	0.86	9.97	0.94	Mixed	Flow	22.440170	88.217960	Industrial Area
135.	Rishra	26. Hastings-Ghat Drain	57.00	6.27	38.88	2.02	Domestic	Flow	22.432614	88.212030	
136.	Rishra & Konnagar	27. Bagh Khal	56.70	3.63	55.54	3.78	Mixed	Flow	22.425000	88.212320	Industrial Area
137.	Khurdah	28. Khurdah Municipal Drain	356.40	14.61	138.24	8.16	Domestic	Flow	22.435700	88.217550	
138.	Khurdah	29. Balughat-Manirampur pucca drain	2.98	0.22	1.15	0.05	Domestic	Flow	22.772411	88.336034	
139.	Khurdah	30. Champdany Ferry Ghat/ Paolghat Drain	12.15	0.61	9.72	0.81	Mixed	Flow	22.475619	88.210256	Industrial Area
140.	Kamarhati	31. Kashipur Khal	38.04	1.179	1.44	0.07	Domestic	Flow	22.410300	88.215700	
141.	Bally	32. Dewangazi Ghat Drain	2.55	0.04	4.76	0.10	Domestic	Flow	22.385700	88.211500	
142.	Bally	33. Bally Khal	581.53	2.91	260.68	3.39	Mixed	Flow	22.391750	88.205990	Jute Mills

143.	Belur	34. Jagatnath Ghat Drain-1	161.68	11.64	10.13	0.22	Domestic	Flow	22.371080	88.213970	
144.	Baranagar	35. Kamarhati Drain	25.92	4.20	47.52	7.41	Mixed	Flow	22.675824	88.363172	Small Scale Industries
145.	Baranagar	36. Baranagar Khal	-	-	-	-	Domestic	Flow	22.630050	88.365050	
146.	Baranagar	37. Kuthighat Drain	2.37	0.20	0.86	0.06	Domestic	Flow	22.381060	88.214480	
147.	Chitpur	38. Chitpur Ghat Khal	996.30	18.93	555.72	16.12	Domestic	Flow	22.363320	88.224350	
148.	Cossipore	39. Cossipore Khal	3.28	0.13	5.60	0.22	Domestic	Flow	22.370790	88.220570	
149.	Shobhabazar/ Chorial	40. MuniKhal Khal	12.00	0.22	6.91	0.06	Domestic	Flow	22.526190	88.244920	
150.	Howrah	41. Pratapnagar-Rajbari Drain	10.80	1.51	3.24	0.47	Domestic	Flow	22.506380	88.226970	
151.	Howrah	42. Telkal Ghat Drain	23.67	2.72	31.68	3.23	Mixed	Flow	22.576440	88.340083	Industrial Area Howrah
152.	Howrah	43. Ramkrishna Mullickghat Drain	1.25	0.16	7.20	1.01	Mixed	Flow	22.573080	88.336970	Engineering
153.	Howrah	44. 101, Foreshore Road Drain	7.71	0.47	0.21	0.02	Domestic	Flow	22.562300	88.327050	
154.	Howrah	45. Sarasvati Khal	5.25	0.57	8.40	0.08	Domestic	Flow	22.333070	88.000000	
155.	Babughat	46. Circular Canal	-	-	-	-	Domestic	Close	-	-	
156.	Fort William	47. Fort William Drain	-	-	-	-	Domestic	Close	22.336490	88.200530	
157.	Kalighat	48. Tolly Nala	648.00	18.27	1129.00	21.45	Domestic	Flow	22.330240	88.192850	
158.	Kalighat	49. Nimtala Khal	23.00	1.27	34.56	1.76	Domestic	Flow	22.353765	88.210617	
159.	Khidderpore	50. Dhankheti Khal	67.47	8.23	92.62	8.89	Mixed	Flow	22.330241	88.172520	Small Scale Industries
160.	Shibpur- Howrah	51. Shibpur Burningghat Drain	11.60	1.86	16.32	0.82	Domestic	Flow	22.333740	88.193550	
161.	Garden Reach	52. Bagher Khal	76.72	0.77	108.46	1.19	Domestic	Flow	22.573610	88.244050	
162.	Garden Reach	53. 130 Foreshore Road Drain	43.50	8.53	10.80	1.98	Domestic	Flow	22.341590	88.200660	
163.	Sankrail	54. Najerganj Khal	648.00	17.50	1851.42	31.47	Mixed	Flow	22.332540	88.163600	Industrial Area
164.	Sankrail	55. Singhi More Khal	36.10	0.72	52.65	0.16	Domestic	Flow	22.323310	88.135510	
165.	Sankrail	56. N.C. Pal Khal	18.43	1.29	22.12	0.31	Domestic	Flow	22.335100	88.143140	
166.	Sankrail	Sankrail-Jagannath Ghat Drain	-	-	-	-	Domestic	Not Found & Non Priority & Removed	-	-	
167.	Sankrail/ Sarenga	57. Bazarpara-Garighat Drain/ Sharenga Khal	484.00	6.78	259.20	5.70	Mixed	Flow	22.310900	88.122700	Dhulagarh Industrial Area
168.	Budge Budge	58. Akhra Food Ghat drain	152.06	3.04	362.88	6.89	Domestic	Flow	22.314390	88.144550	
	<b>34T</b>	<b>58</b>	<b>7375.02</b>	<b>241.17</b>	<b>7615.85</b>	<b>212.45</b>	<b>42D, 16M</b>				

### Ramganga: Uttar Pradesh, Phase-I Segment-B (Haridwar D/S to Kanpur D/S to Unnao)

No. of Monitored Drains	Catchment/ Town	Priority Drains with Sl. No.	Pre-monsoon, 2018		Post-monsoon, 2018		Pollution Sources	Status	Sampling/ Confluence		Industries
			Flow in MLD	Organic Load in TPD	Flow in MLD	Organic Load in TPD			Latitude	Longitude	
169.	Seohara, Bijnor	Nohra Drain into Punsri Drain	-	-	-	-	Domestic	Non Priority & Removed	29.197193	78.589155	
170.	Seohara, Bijnor	Nasia Drain into Punsri Drain	-	-	-	-	Mixed	Non Priority & Removed	29.198531	78.584180	Distillery & Sugar
171.	Seohara, Bijnor	1. Punsri Drain into Chote Ganga into Ramganga	-	-	41.47	0.62	Mixed	Flow	29.174890	78.604091	Distillery & Sugar
172.	Rampur	2. Rampur Drain into Kosi River	28.34	1.53	88.03	9.77	Mixed	Flow	28.385660	79.010690	Distillery
173.	Moradabad	3. Moradabad drain (Karula Drain)	97.40	16.56	98.74	3.65	Mixed	Flow	28.525160	78.450760	Distillery & Engineering
174.	Moradabad	4. Nawabpura Drain1	14.81	6.35	4.55	0.30	Domestic	Flow	28.847118	78.783940	
175.	Moradabad	5. Nawabpura Drain2	-	-	4.80	0.30	Domestic	Flow	28.844031	78.785952	



176.	Moradabad	6. Vivekananda Hospital Drain (Left)	-	-	-	-	Domestic	Dry	28.890420	78.743518	
177.	Moradabad	7. Vivekananda Hospital Drain (Right)	9.34	1.12	9.87	0.18	Domestic	Flow	28.890083	78.743409	
178.	Moradabad	8. MIT Drain	37.21	7.37	38.40	1.96	Domestic	Flow	28.871521	78.755511	
179.	Moradabad	9. Moksh Dham Drain	16.46	1.91	17.28	0.57	Domestic	Flow			
180.	Moradabad	10. TDI City Drain	19.52	3.67	30.49	2.20	Domestic	Flow	28.875563	78.755964	
181.	Moradabad	11. Chakkar Ki Milak (Mukarampur)	-	-	9.90	1.72	Domestic	Flow	28.860387	78.770256	
182.	Moradabad	12. Jigar Colony	5.84	2.73	14.93	1.58	Domestic	Flow	28.854631	78.774575	
183.	Moradabad	13. Katghar Railway Station Drain	20.00	5.42	5.18	1.03	Mixed	Flow	28.825046	78.798614	Engineering
184.	Moradabad	14. Barbalan Drain	31.27	7.66	12.50	1.94	Mixed	Flow	28.825545	78.796267	Engineering
185.	Moradabad	15. Kudaghar Drain	1.69	0.34	4.12	0.34	Domestic	Flow	28.827605	78.796016	
186.	Moradabad	16. Jama Masjid Left Drain	1.78	0.39	0.78	0.48	Domestic	Flow	28.834314	78.794758	
187.	Moradabad	17. Jama Masjid Right Drain	2.03	0.56	1.23	0.21	Domestic	Flow	28.834314	78.794758	
188.	Moradabad	Ghosiyan Drain into Jama Masjid Right	-	-	-	-	-	Non Priority & Removed	-	-	
189.	Moradabad	18. Jhabbu Ka Nala	15.71	5.14	7.68	0.51	Domestic	Flow	28.847659	78.783044	
190.	Moradabad	19. Lalbagh Drain	-	-	-	-	Domestic	Covered by MSW	28.840913	78.789601	
191.	Moradabad	20. Daheria/Dateria Drain	46.28	15.41	10.37	1.60	Domestic	Flow	28.839900	78.792090	
192.	Moradabad	21. Prabhat Nagar drain (near Chandausi Road)	3.27	0.52	4.67	0.33	Mixed	Flow	28.808000	78.805000	Engineering
193.	Bareilly	22. Devraniya Drain	101.53	18.99	314.81	17.85	Mixed	Flow	79.222910	28.192690	Engineering
194.	Bareilly	23. Chawari (Chaubari) Drain	50.47	1.82	38.35	0.94	Domestic	Flow	79.244540	28.163820	
195.	Bareilly	24. Nakatiya Drain	22.53	0.61	174.57	2.39	Mixed	Flow	79.290470	28.081000	Engineering, Paper & Slaughter House
	<b>4T</b>	<b>24</b>	<b>525.48</b>	<b>98.09</b>	<b>932.73</b>	<b>50.46</b>	<b>8M, 16D</b>				

### Kali East: Uttar Pradesh, Phase-I Segment-B (Haridwar D/S to Kanpur D/S to Unnao)

No. of Monitored Drains	Catchment/ Town	Priority Drains with Sl. No.	Pre-monsoon, 2018		Post-monsoon, 2018		Pollution Sources	Status	Sampling/ Confluence		Industries
			Flow in MLD	Organic Load in TPD	Flow in MLD	Organic Load in TPD			Latitude	Longitude	
196.	Khatauli	1. Sugar mill Nalla	-	-	-	-	Mixed	Dry	29.278000	77.789000	Sugar
197.	Meerut	2. AbuNallah-1	32.91	2.93	72.03	12.68	Mixed	Flow	28.962000	77.764000	Sugar, Distilleries, Paper & Chemical
198.	Meerut	3. AbuNallah-2	146.82	11.75	216.28	25.08	Mixed	Flow	29.002000	77.751000	Textiles & Dying
199.	Meerut	4. Slaughter House Drain or Odean Nallah	82.76	16.30	252.36	105.74	Mixed	Flow	28.934000	77.747000	Textiles & Slaughter House
200.	Mawana and Meerut	5. Chhoiya Drain	-	-	10.25	0.21	Mixed	Flow	28.728000	77.872000	Sugar, Distillery & Paper
201.	Hapur	6. Hapur Drain	64.91	6.62	126.49	7.59	Mixed	Flow	28.685000	77.786000	Textiles, Dying, Engineering & Papers
202.	Hapur	7. Hapur Drain-1 (City drain)	11.55	0.29	10.37	0.86	Mixed	Flow	28.726000	77.830000	Textiles, Dying & Others
203.	Modinagar and Meerut	8. Kadarabad Drain	21.11	1.06	29.33	10.50	Mixed	Flow	28.631000	77.811000	Paper, Sugar, Distillery, Engineering & Foods

204.	Gulaothi	9. Gulaothi Drain	55.17	19.81	14.54	3.32	Mixed	Flow	28.591000	77.803000	Textiles, Foods, Dairy & Others
205.	Bulandshahar	10. Maman Road Nalla (Bulandshahar 1)	51.07	2.50	97.01	47.34	Mixed	Flow	28.393042	77.860702	Sugar
206.	Bulandshahar	11. Aadir Nala	27.09	1.11	17.41	2.79	Domestic	Flow	28.393941	77.860227	
207.	Bulandshahar	12. Chandbhari Road Nala (Bulandshahar 2)	56.64	2.21	5.39	1.98	Domestic	Flow	28.250458	77.512041	
208.	Bulandshahar	13. Cheel ghat	3.10	0.07	9.21	0.73	Mixed	Flow	28.399912	77.867279	Automobile Washing
209.	Bulandshahar	14. Nahsal ghat	4.98	0.55	2.38	0.60	Domestic	Flow	28.404482	77.862991	
210.	Bulandshahar	15. Adil Nagar 2	2.01	0.18	-	-	Domestic	Same as Kasaiwada	28.404482	77.862991	
211.	Bulandshahar	16. Kasai Bada (Kasaiwada)	3.39	0.61	6.06	0.75	Domestic	Flow	28.408051	77.858704	
212.	Bulandshahar	17. Faisalabad	25.84	2.02	13.01	3.60	Domestic	Flow	28.404778	77.862274	
213.	Bulandshahar	18. Behind Shanidev Mandir	-	-	-	-	Domestic	Covered by MSW	28.408950	77.862054	
214.	Bulandshahar	19. Devipura	36.47	3.43	9.25	1.03	Domestic	Flow	28.412138	77.856201	
215.	Bulandshahar	20. Bridge Dhameda Road	2.64	0.21	-	-	Domestic	Same as Faisalabad	28.409494	77.860802	
216.	Bulandshahar	21. Behind chamunda Mandir	-	-	34.17	3.11	Domestic	Flow	28.418764	77.851616	
217.	Kasganj	22. Neem Nala	-	-	-	-	Domestic	Dry	27.482990	78.322710	
218.	Kasganj	23. Kasganj Drain	7.80	0.49	14.47	1.52	Domestic	Flow	27.793945	78.653037	
219.	Kannauj	24. Patta Nala	6.89	0.27	8.36	0.09	Domestic	Flow	27.081800	79.927400	
220.	Kannauj	Chhemkhali temple to Nadangapur village (Adanga Nalla)	0.19	0.002	-	-	Domestic	Tapped & <1MLD & Non Priority	27.032600	79.554100	
221.	Kannauj	25. Tammi house to Sadkapur Village (Tammi Nalla)	1.67	0.03	5.02	0.09	Domestic	Flow	27.340000	79.554700	
	<b>10T</b>	<b>25</b>	<b>645.01</b>	<b>72.44</b>	<b>953.39</b>	<b>229.58</b>	<b>11M, 14D</b>				
<b>Pandu: Uttar Pradesh, Phase-I Segment-B (Haridwar D/S to Kanpur D/S to Unnao)</b>											
No. of Monitored Drains	Catchment/ Town	Priority Drains with Sl. No.	Pre-monsoon, 2018		Post-monsoon, 2018		Pollution Sources	Status	Sampling/ Confluence		Industries
			Flow in MLD	Organic Load in TPD	Flow in MLD	Organic Load in TPD			Latitude	Longitude	
222.	Kanpur	1. Panki Thermal Power Plant, Drain	63.20	4.00	27.12	2.42	Mixed	Flow	26.261725	80.159590	Power
223.	Kanpur	2. ICI Drain-I	49.66	2.48	17.67	0.46	Mixed	Flow	26.268682	80.151360	Engineering
224.	Kanpur	3. Ganda Nalla	121.86	12.30	113.23	11.89	Domestic	Flow	26.264630	80.173846	
225.	Kanpur	4. COD Nalla	56.59	3.56	60.89	3.82	Mixed	Tapped	26.253540	80.209640	Industry
226.	Kanpur	5. Halwa Khanda/ Jarauli Nalla	62.20	8.02	42.67	4.01	Domestic	Flow	26.242220	80.172110	
	<b>1T</b>	<b>5</b>	<b>353.51</b>	<b>30.36</b>	<b>261.58</b>	<b>22.61</b>	<b>3M, 2D</b>				