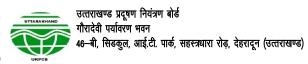
Uttarakhand Pollution Control Board Gauradevi Paryavaran Bhawan 46-B, SIDCUL, IT Park, Sahashtradhara Road, Dehradun (Uttarakhand)



Surface Water Quality Monitoring Report (In respect of Metals) May 2024

Distric	et- Chamoli			bo	- (- proceeding	, 					
		Date of	Parameters									
S.No.	Name of the Monitoring Point	Monitoring	Arsenic(Nickel(mg/l)	Copper(mg/l)	Mercury (mg/l)	Chromium (mg/l)	Cadmium (mg/l)	Zinc (mg/l)	Lead (mg/l)	Iron (mg/l)	
1	River Alaknanda at Badrinath	14-05-2024	mg/l) ND	ND	ND	ND	ND	ND	ND	ND	0.79	
2	River Alaknanda B/C River Dhauli Ganga at Vishnuprayag	14-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.02	
3	River Dhauli Ganga B/C River Alaknanda at Vishnuprayag	14-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	2.35	
4	River Alaknanda A/C River Dhauli Ganga at Vishnuprayag	14-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.22	
5	River Alaknanda B/C River Nandakini at Nandprayag	15-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.16	
6	River Nandakini B/C River Alaknanda at Nandprayag	15-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.13	
7	River Alaknanda A/C River Nandakini at Nandprayag	15-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.62	
8	River Alaknanda B/C River Pindar at Karanprayag	15-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.53	
9	River Pindar B/C River Alaknanda at Karanprayag	15-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.61	
10	River Alaknanda A/C River Pindar at Karanprayag	15-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.41	
Distric	ct- Rudraprayag		Į.					Į.				
S.No.	Name of the Monitoring Point	Date of Monitoring	Arsenic(mg/l)	Nickel(mg/l)	Copper(mg/l)	Mercury (mg/l)	Chromium (mg/l)	Cadmium (mg/l)	Zinc (mg/l)	Lead (mg/l)	Iron (mg/l)	
11	River Mandakini at Kedarnath	15-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.20	
12	River Mandakini B/C River Alaknanda at Rudraprayag	15-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.53	
13	River Alaknanda B/C River Mandakini at Rudraprayag	15-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.19	
14	River Alaknanda A/C River Mandakini at Rudraprayag	15-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.62	
15	River Mandakini D/S at Augustmuni, Rudraprayag	15-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.30	
Distric	ct- Uttarkashi											
S.No.	Name of the Monitoring Point	Date of Monitoring	Arsenic(mg/l)	Nickel(mg/l)	Copper(mg/l)	Mercury (mg/l)	Chromium (mg/l)	Cadmium (mg/l)	Zinc (mg/l)	Lead (mg/l)	Iron (mg/l)	
16	River Bhagirathi U/S at Gangotri	18-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.60	
17	River Yamuna U/S at Yamunotri	16-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.38	
18	River Yamuna D/S at Sayana-Chatti	16-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.52	
19	River Bhagirathi D/S at Uttarkashi	18-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	2.60	
20 Distric	River Yamuna at Barkot et- Tehri Garhwal	17-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.23	
	Name of the Monitoring Point	Date of Monitoring	Arsenic(mg/l)	Nickel(mg/l)	Copper(mg/l)	Mercury (mg/l)	Chromium (mg/l)	Cadmium (mg/l)	Zinc (mg/l)	Lead (mg/l)	Iron (mg/l)	
21	River Alaknanda B/C River Bhagirathi at Devprayag	13-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	2.65	
22	River Bhagirathi B/C River Alaknanda at Devprayag	13-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.02	
23	River Alaknanda A/C River Bhagirathi (River Ganga D/S) at Devprayag	13-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	2.31	
24	Tehri lake at Koti colony, Tehri	01-05-2024	ND	ND	ND	ND	ND	ND	0.22	ND	2.85	
Distric	ct- Dehradun											
S.No.	Name of the Monitoring Point	Date of Monitoring	Arsenic(mg/l)	Nickel(mg/l)	Copper(mg/l)	Mercury (mg/l)	Chromium (mg/l)	Cadmium (mg/l)	Zinc (mg/l)	Lead (mg/l)	Iron (mg/l)	
25	River Ganga D/S at Bairaaj, Rishikesh,	03-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	2.85	
26	River Ganga near Visthaphit Colony, Rishikesh	03-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.93	
27	River Ganga A/C River Song (River Ganga D/S) at Raiwala	03-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	2.86	

28	River Ganga A/C River Song (River Ganga D/S) Near Birla guest house, Dehradun	03-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	3.19
29	River Suswa D/S at Mathurawala, Dehradun	10-05-2024	ND	ND	ND	ND	ND	ND	0.23	ND	5.63
30	River Suswa U/S at Barafutta, Doiwala, Dehradun	10-05-2024	ND	ND	ND	ND	ND	ND	0.28	ND	3.17
31	River Song D/S before confluence into River Ganga Near Nepali Farm, Rishikesh	03-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	2.11
32	River Yamuna D/S at Vikash Nagar, Dehradun	02-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.34
33	Yamuna Canal at Dakpathar, Dehradun	02-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.72
34	River Yamuna at Dakpathar, Dehradun	02-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.82
	River Yamuna at Lakhwar, Dehradun	02-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.61
36	River Yamuna at Kalsi, Dehradun	02-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.37
37	River Tons Before joining to River	02-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.72
38	Yamuna at Dakpathar, Dehradun River Tons at Selaqui, Dehradun	02-05-2024	ND	ND	ND	ND	ND	ND	0.27	ND	3.85
	River Rispana U/S at Shikhar Fall,	02-03-2024	ND	ND	ND	ND	ND	ND	0.27	ND	3.63
39	Dehradun	10-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	3.19
40	River Rispana D/S Near IT Park, Dehradun	10-05-2024				Rive	r was found	Dry.			
41	River Rispana B/C to River Bindal at Mothorowala	10-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	3.97
42	River Bindal U/S at Bindal Bridge, Dehradun	10-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	4.62
43	River Bindal D/S Near Kargi Chowk, Dehradun	10-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	3.82
44	River Bindal B/C to River Rispana at Mothorowala, Dehradun	10-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	5.62
45 Distric	Asan Conservation Reserve, Dehradun ct- Haridwar	02-05-2024	ND	ND	ND	ND	ND	ND	0.08	ND	3.66
-		Date of	Arsenic(Nickel(Copper(Mercury	Chromium	Cadmium	Zinc	Lead	Iron
	River Ganga canal D/S at Har ki Pauri,	Monitoring	mg/l)	mg/l)	mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
46	Rishikul Bridge, Haridwar	31-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	2.24
47	River Ganga at Har Ki Pouri, Haridwar	31-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.82
48	River Ganga near Bishanpur Kundi , Haridwar	30-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.33
49	River Ganga Canal at Lal Ta Rao Bridge, Haridwar	31-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.72
50	River Ganga Canal at Damkothi, Haridwar	31-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.68
51	River Ganga U/S at Bindughat Dudhiyaban, Haridwar	31-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.35
52	River Ganga D/S at Balkumari Mandir, Ajeetpur, Haridwar	30-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.73
53	Upper Ganga Canal D/S at Roorkee	30-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.92
54	River Banganga D/S at Laksar before entering U.P	30-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	4.63
55	River Ganga D/S at Sultanpur, Haridwar	30-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.88
	Banganga U/s of Laksar Near Village	30-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	3.85
	Kudinet D/s River Solani near U/s of Village	30-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	2.62
D:	Kuankhera ct- Pauri Garhwal		I								
Distric	rı_ Paliri (_arnwal								rr:	I	
S.No.	Tauri Garriwar			w. v					Zinc	Lead	Iron
	Name of the Monitoring Point	Date of Monitoring	Arsenic(mg/l)	Nickel(mg/l)	Copper(mg/l)	Mercury (mg/l)	Chromium (mg/l)	Cadmium (mg/l)	(mg/l)	(mg/l)	(mg/l)
56	Name of the Monitoring Point River Ganga U/S at Lakshmanjhula, Rishikesh	Monitoring 03-05-2024	mg/l)	mg/l) ND	mg/l)	(mg/l) ND	(mg/l) ND	(mg/l) ND	(mg/l) ND	ND	2.98
56	Name of the Monitoring Point River Ganga U/S at Lakshmanjhula, Rishikesh River Ganga at Swargashram, Rishikesh	Monitoring 03-05-2024 03-05-2024	mg/l) ND ND	mg/l) ND ND	mg/l) ND ND	(mg/l) ND ND	(mg/l) ND ND	(mg/l) ND ND	(mg/l) ND ND	ND ND	2.98 3.29
56 57 58	Name of the Monitoring Point River Ganga U/S at Lakshmanjhula, Rishikesh River Ganga at Swargashram, Rishikesh River Nayar U/S at Satpuli	Monitoring 03-05-2024 03-05-2024 07-05-2024	mg/l) ND ND ND	Mg/l) ND ND ND ND	mg/l) ND ND ND ND	(mg/l) ND ND ND	(mg/l) ND ND ND	(mg/l) ND ND ND	ND ND ND ND	ND ND ND	2.98 3.29 0.70
56 57 58 59	Name of the Monitoring Point River Ganga U/S at Lakshmanjhula, Rishikesh River Ganga at Swargashram, Rishikesh River Nayar U/S at Satpuli River Nayar D/S at Satpuli	Monitoring 03-05-2024 03-05-2024	mg/l) ND ND	mg/l) ND ND	mg/l) ND ND	(mg/l) ND ND	(mg/l) ND ND	(mg/l) ND ND	(mg/l) ND ND	ND ND	2.98 3.29
56 57 58 59 District	Name of the Monitoring Point River Ganga U/S at Lakshmanjhula, Rishikesh River Ganga at Swargashram, Rishikesh River Nayar U/S at Satpuli River Nayar D/S at Satpuli ct- Nainital	Monitoring 03-05-2024 03-05-2024 07-05-2024 07-05-2024 Date of	mg/l) ND ND ND ND ND Arsenic(mg/l) ND ND ND ND ND ND ND	mg/l) ND ND ND ND ND Copper((mg/l) ND ND ND ND ND ND Mercury	(mg/l) ND ND ND ND ND Chromium	(mg/l) ND ND ND ND ND Cadmium	MD ND ND ND ND The state of the	ND ND ND ND	2.98 3.29 0.70 0.63
56 57 58 59 Distriction	Name of the Monitoring Point River Ganga U/S at Lakshmanjhula, Rishikesh River Ganga at Swargashram, Rishikesh River Nayar U/S at Satpuli River Nayar D/S at Satpuli ct- Nainital Name of the Monitoring Point	Monitoring 03-05-2024 03-05-2024 07-05-2024 07-05-2024 Date of Monitoring	mg/l) ND ND ND ND ND Arsenic(mg/l)	mg/l) ND ND ND ND ND Nickel(mg/l)	mg/l) ND ND ND ND ND Copper(mg/l)	(mg/l) ND ND ND ND ND ND (mg/l)	(mg/l) ND ND ND ND ND Chromium (mg/l)	(mg/l) ND ND ND ND ND Cadmium (mg/l)	MD ND ND ND ND Toleration of the state of th	ND ND ND ND Lead (mg/l)	2.98 3.29 0.70 0.63 Iron (mg/l)
56 57 58 59 District S.No.	Name of the Monitoring Point River Ganga U/S at Lakshmanjhula, Rishikesh River Ganga at Swargashram, Rishikesh River Nayar U/S at Satpuli River Nayar D/S at Satpuli et- Nainital Name of the Monitoring Point Nainital Lake Water Intake, Nainital	Monitoring 03-05-2024 03-05-2024 07-05-2024 07-05-2024 Date of Monitoring 08-05-2024	mg/l) ND ND ND ND ND ND ND ND	mg/l) ND ND ND ND ND ND NIckel(mg/l) ND	mg/l) ND ND ND ND ND ND ND ND ND	(mg/l) ND Mercury (mg/l) ND	(mg/l) ND	(mg/l) ND ND ND ND ND ND ND ND ND	ND	ND ND ND ND ND ND ND	2.98 3.29 0.70 0.63 Iron (mg/l) 1.22
56 57 58 59 District S.No. 60 61	Name of the Monitoring Point River Ganga U/S at Lakshmanjhula, Rishikesh River Ganga at Swargashram, Rishikesh River Nayar U/S at Satpuli River Nayar D/S at Satpuli et- Nainital Name of the Monitoring Point Nainital Lake Water Intake, Nainital Bheemtal Lake Water Intake, Nainital	Monitoring 03-05-2024 03-05-2024 07-05-2024 07-05-2024 Date of Monitoring 08-05-2024 08-05-2024	mg/l) ND ND ND ND ND ND ND N	mg/l) ND ND ND ND ND ND ND NIckel(mg/l) ND ND	mg/l) ND	(mg/l) ND ND ND ND ND ND ND ND Mercury (mg/l) ND ND	(mg/l) ND ND ND ND ND ND ND Chromium (mg/l) ND ND	(mg/l) ND	MD ND	ND ND ND Lead (mg/l) ND ND	2.98 3.29 0.70 0.63 Iron (mg/l) 1.22 1.18
56 57 58 59 District S.No. 60 61 62	Name of the Monitoring Point River Ganga U/S at Lakshmanjhula, Rishikesh River Ganga at Swargashram, Rishikesh River Nayar U/S at Satpuli River Nayar D/S at Satpuli ct- Nainital Name of the Monitoring Point Nainital Lake Water Intake, Nainital Bheemtal Lake Water Intake, Nainital Gola River at Haldwani, Nainital	Monitoring 03-05-2024 03-05-2024 07-05-2024 07-05-2024 Date of Monitoring 08-05-2024 08-05-2024 08-05-2024	mg/l) ND	mg/l) ND ND ND ND ND ND NIckel(mg/l) ND ND ND	mg/l) ND	(mg/l) ND ND ND ND ND ND ND ND Mercury (mg/l) ND ND ND	(mg/l) ND ND ND ND ND ND Chromium (mg/l) ND ND ND	(mg/l) ND	mg/l) ND ND ND ND Tinc (mg/l) ND ND ND	ND	2.98 3.29 0.70 0.63 Iron (mg/l) 1.22 1.18 0.35
56 57 58 59 Distric S.No. 60 61	Name of the Monitoring Point River Ganga U/S at Lakshmanjhula, Rishikesh River Ganga at Swargashram, Rishikesh River Nayar U/S at Satpuli River Nayar D/S at Satpuli et- Nainital Name of the Monitoring Point Nainital Lake Water Intake, Nainital Bheemtal Lake Water Intake, Nainital	Monitoring 03-05-2024 03-05-2024 07-05-2024 07-05-2024 Date of Monitoring 08-05-2024 08-05-2024	mg/l) ND ND ND ND ND ND ND N	mg/l) ND ND ND ND ND ND ND NIckel(mg/l) ND ND	mg/l) ND	(mg/l) ND ND ND ND ND ND ND ND Mercury (mg/l) ND ND	(mg/l) ND ND ND ND ND ND ND Chromium (mg/l) ND ND	(mg/l) ND	MD ND	ND ND ND Lead (mg/l) ND ND	2.98 3.29 0.70 0.63 Iron (mg/l) 1.22 1.18

			1	1			1	1	1			
	River Shipra D/S near Neem Karoli Dam, Bhawali, Nainital	08-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	1.30	
District- Udham Singh Nagar												
	Name of the Monitoring Point	Date of Monitoring	Arsenic(mg/l)	Nickel(mg/l)	Copper(mg/l)	Mercury (mg/l)	Chromium (mg/l)	Cadmium (mg/l)	Zinc (mg/l)	Lead (mg/l)	Iron (mg/l)	
66	Kosi River at Kashipur Bajpur Road Bridge, Kashipur	16-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.32	
	Dhella River U/S at Kashipur Moradabad Road Bridge, US Nagar	16-05-2024	River was found Dry.									
68	Dhella River D/S at Thakurdwara, Aliganj Road, US Nagar	16-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.45	
	River Bhella U/S Kashipur, (U/S Ramnagar Road), US Nagar	16-05-2024	River was found Dry.									
70	Bhella River at Lohia Bridge D/S Kashipur (D/S Lohiya Bridge), US Nagar	16-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.32	
71	Pilakhar River at Bilaspur, Rampur, US Nagar	16-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.52	
72	Nanduar River U/S Sitarganj Industrial Area, (Nandour U/S Sitarganj), US Nagar	17-05-2024	River was found Dry.									
73	Nanduar River D/S Sitarganj Industrial Area, (Nandour D/S Sitarganj), US Nagar	17-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.66	
74	Kichha River at Kichha, (River Kichha (D/S Nagarbhalla, Kashipur), US Nagar	17-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.59	
	Kalyani River at U/S Pantnagar Industrial Area, US Nagar	17-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.35	
76	Kalyani River at D/S Pantnagar Industrial Area, US Nagar	17-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.50	
77	River Kailash Downstream behind Sitarganj Industrial Area, US Nagar	17-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.54	
Distric	et- Almora											
	Name of the Monitoring Point	Date of Monitoring	Arsenic(mg/l)	Nickel(mg/l)	Copper(mg/l)	Mercury (mg/l)	Chromium (mg/l)	Cadmium (mg/l)	Zinc (mg/l)	Lead (mg/l)	Iron (mg/l)	
	River Kosi D/S near Khairna- Ranikhet Bridge, Almora	08-05-2024	ND	ND	ND	ND	ND	ND	ND	ND	0.73	
Distric	et- Bageshwar											
	Name of the Monitoring Point	Date of Monitoring	Arsenic(mg/l)	Nickel(mg/l)	Copper(mg/l)	Mercury (mg/l)	Chromium (mg/l)	Cadmium (mg/l)	Zinc (mg/l)	Lead (mg/l)	Iron (mg/l)	
79	River Saryu D/S Near Bilona Bridge, Bageshwar	07-05-2024	ND Arsenic	ND	ND	ND	ND	ND	ND	ND	1.66	
	Lowest Detection Limit			Nickel (mg/l)	Copper (mg/l)	Mercury (mg/l)	Chromium (mg/l)	Cadmium (mg/l)	Zinc (mg/l)	Lead (mg/l)	Iron (mg/l)	
		0.01	0.10	0.03	0.001	0.06	0.02	0.01	0.10	0.06		
	All malman and in mor/f		-									

Note: All values are in mg/L. Abbrevations: ND= Not Detected