

Analysis results of Surface water monitoring under NWMP for the month of September, 2023

River Sutlej

S.N.	Point of Sample Collection	Code	Date of receipt in lab	Lab Sample No.	Sample Collected & Analyzed by	pH	DO mg/l	BOD mg/l	Cond μ s/Cm	T.Coli MPN/ 100ml	F. Coli MPN/ 100ml	Free Amm. mg/l	SAR	B mg/l	Quality of water as per DBU
1	River River Sutlej at U/S Nangal	1017	05.09.2023	SW 106	ZO Lab LDH	7.9	7.8	BDL	238	94	17	BDL	0.14	BDL	B
2	River River Sutlej at D/S NFL	1380	05.09.2023	SW 107	ZO Lab LDH	7.7	8.2	BDL	243	70	17	BDL	0.15	BDL	B
3	River Sutlej at 100m D/s PACL Nangal	2915	05.09.2023	SW 108	ZO Lab LDH	7.8	8.3	BDL	244	79	27	BDL	0.14	BDL	B
4	River River Sutlej at D/s Nangal	1018	05.09.2023	SW 109	ZO Lab LDH	8.0	8.8	BDL	250	110	21	BDL	0.14	0.14	B
5	River River Sutlej at Kiratpur Sahib	1814	06.09.2023	SW 114	ZO Lab LDH	7.5	8.0	BDL	241	170	33	BDL	0.24	0.14	B
6	Ropar Head-Works	1019	06.09.2023	SW 117	ZO Lab LDH	7.9	7.7	BDL	256	330	170	BDL	0.25	0.16	B
7	River River Sutlej D/S of Rishab- Paper Mills	1293	06.09.2023	SW 118	ZO Lab LDH	7.8	7.3	BDL	304	490	170	BDL	0.37	0.19	B
8	River River Sutlej U/S Buddha Nallah	1690	09.09.2023	SW 125	ZO Lab LDH	7.5	6.6	2.8	289	940	210	0.022	0.27	0.25	C
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	09.09.2023	SW 127	ZO Lab LDH	7.5	2.0	21	542	9,40,000	3,20,000	0.072	1.54	0.52	E
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	11.09.2023	SW 131	ZO Lab LDH /HO Lab PAT	7.6	4.8	7	383	79,000	33,000	0.035	0.74	0.26	D
11	River River Sutlej at D/s East Bein	1381	11.09.2023	SW 132	ZO Lab LDH /HO Lab PAT	7.5	4.3	5	374	1,10,000	33,000	0.036	0.84	0.28	D
12	River Sutlej at Harike	1022	11.09.2023	SW 133	ZO Lab LDH /HO Lab PAT	7.5	5.8	2	294	2200	940	0.020	0.21	0.24	C
13	Harike Lake D/S from canal	1382	15/09/2023	SW 356	ZO Lab, Jal	7.6	7.4	1.2	266	1700	490	0.025	0.39	0.24	C
14	D/S Harike lake	1297	15/09/2023	SW 355	ZO Lab, Jal	7.7	8.3	1.2	223	1400	460	0.030	0.38	-	C
15	U/S Hussainiwala H/W Ferozepur	1691	12.09.2023	SW 149	ZO Lab LDH /HO Lab PAT	8.0	6.8	BDL	248	1700	490	BDL	0.43	0.22	C
16	D/S Hussainiwala H/W Ferozepur	1692	12.09.2023	SW 150	ZO Lab LDH /HO Lab PAT	8.0	6.8	BDL	252	1700	460	BDL	0.43	0.25	C

- Note. 1. BDL means Below Method Detection Limit**
2. DBU means Designated Best Use (Class-A, B, C, D & E)
3. Water Quality Index (S means Satisfactory, U means Unsatisfactory)
4. U/s means Upstream, D/s means Downstream

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River Sutlej

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1	River River Sutlej at U/S Nangal	1017	05.09.2023	SW 106	ZO Lab LDH	BDL	2	BDL	146	129	10	19	100	25.6	8.8	80	BDL	BDL	1.2	BDL	BDL	BDL	3.2	1.8
2	River River Sutlej at D/S NFL	1380	05.09.2023	SW 107	ZO Lab LDH	BDL	4	BDL	149	130	12	20	104	24.8	10.3	84	BDL	BDL	1.7	BDL	BDL	0.21	3.5	1.9
3	River Sutej at 100m D/s PACL Nangal	2915	05.09.2023	SW 108	ZO Lab LDH	BDL	4	BDL	150	132	12	18	108	25.6	10.8	86	BDL	BDL	1.8	BDL	BDL	0.23	3.4	1.9
4	River River Sutlej atD/s Nangal	1018	05.09.2023	SW 109	ZO Lab LDH	BDL	5	BDL	154	134	13	21	110	27.2	10.3	82	BDL	BDL	1.5	BDL	BDL	BDL	3.3	1.9
5	River River Sutlej at Kiratpur Sahib	1814	06.09.2023	SW 114	ZO Lab LDH	BDL	16	20	143	126	10	25	102	27.2	8.3	90	BDL	BDL	1.1	BDL	BDL	BDL	5.6	2.5
6	Ropar Head-Works	1019	06.09.2023	SW 117	ZO Lab LDH	BDL	26	53	154	134	9	24	114	30.4	9.2	84	BDL	BDL	1.5	BDL	BDL	BDL	6.1	2.4
7	River River Sutlej D/S of Rishab-Paper Mills	1293	06.09.2023	SW 118	ZO Lab LDH	BDL	18	31	183	161	21	26	120	32	9.7	90	BDL	BDL	1.8	BDL	BDL	BDL	9.3	5.2
8	River River Sutlej U/S Buddha Nallah	1690	09.09.2023	SW 125	ZO Lab LDH	20	64	174	177	145	18	26	140	29.6	15.8	100	BDL	1.1	2.0	1.8	0.60	0.25	7.3	3.3
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	09.09.2023	SW 127	ZO Lab LDH	104	120	228	382	309	76	43	184	46.4	16.3	164	BDL	3.6	4.2	5.8	1.64	0.32	48	9.6
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	11.09.2023	SW 131	ZO Lab LDH	32	182	98	250	214	43	28	138	35.2	12.2	120	BDL	1.4	4.6	2.0	0.61	0.21	20	14
11	River River Sutlej at D/s East Bein	1381	11.09.2023	SW 132	ZO Lab LDH	24	90	102	267	223	45	35	154	43.2	11.2	136	BDL	1.8	5.0	2.2	0.88	0.22	24	5.8
12	River River Sutlej at Harike	1022	11.09.2023	SW 133	ZO Lab LDH	11	250	135	187	154	33	26	100	25.6	8.7	94	BDL	0.8	2.0	1.6	0.67	BDL	4.8	3.7
13	Harike Lake D/S from canal	1382	15/09/2023	SW 356	ZO Lab, Jal	10	52	48	164	132	15	14	108	28	9.2	100	BDL	1	1.24	1.4	0.18	0.21	9.4	3.8
14	D/S Harike lake	1297	15/09/2023	SW 355	ZO Lab, Jal	9	49	53	148	116	13	13	104	26	9.5	98	BDL	1	1.33	1.5	0.17	0.23	8.9	3.8
15	U/S Hussainiwala H/W Ferozepur	1691	12.09.2023	SW 149	ZO Lab LDH	BDL	64	35	180	152	18	25	106	24.8	10.7	98	BDL	BDL	1.8	BDL	BDL	BDL	10.3	5.9
16	D/S Hussainiwala H/W Ferozepur	1692	12.09.2023	SW 150	ZO Lab LDH	BDL	58	35	182	148	17	25	104	24.8	10.2	100	BDL	BDL	1.7	BDL	BDL	BDL	10.2	6

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River Beas

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17	River Beas at Talwara H/W	1693	12/09/2023	326	ZO Lab, Jal	7.7	8.2	1.0	186	79	23	0.018	0.33	BDL	B	S
18	River Beas at U/S Pathankot	1694	12/09/2023	328	ZO Lab, Jal	7.8	7.8	1.1	237	130	33	0.025	0.20	0.16	B	S
19	River Beas at D/S Pathankot	1695	12/09/2023	329	ZO Lab, Jal	7.8	7.4	BDL	228	140	31	0.018	0.25	0.19	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	12/09/2023	327	ZO Lab, Jal	7.8	8.1	1.0	220	110	27	0.025	0.30	0.12	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	14/09/2023	342	ZO Lab, Jal	8.0	7.7	1.0	212	170	49	0.035	0.24	0.34	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	14/09/2023	343	ZO Lab, Jal	7.7	7.3	BDL	214	170	46	0.012	0.23	0.15	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	14/09/2023	344	ZO Lab, Jal	7.8	7.2	1.1	212	220	70	0.025	0.23	0.25	B	S
24	River Beas at U/s Goindwal	1696	15/09/2023	352	ZO Lab, Jal	7.9	8.1	BDL	214	220	110	0.018	0.25	0.13	B	S
25	River Beas at D/s Goindwal	1012	15/09/2023	353	ZO Lab, Jal	7.8	8	BDL	263	280	130	0.018	0.24	0.18	B	S
26	Beas at Harike	1697	15/09/2023	354	ZO Lab, Jal	7.7	8.2	BDL	242	310	140	0.015	0.34	0.12	B	S

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17	River Beas at Talwara H/W	1693	12/09/2023	ZO Lab, Jal	10	40	21	116	94	12	9	58	17	4	77	BDL	0.6	0.72	1.4	0.14	0.17	5.7	3.0
18	River Beas at U/S Pathankot	1694	12/09/2023	ZO Lab, Jal	8	48	26	138	114	14	11	90	29	4	111	BDL	0.7	1.11	1.5	0.14	0.17	4.4	2.6
19	River Beas at D/S Pathankot	1695	12/09/2023	ZO Lab, Jal	10	52	32	132	110	14	10	104	30	7	98	BDL	0.5	1.02	1.4	0.15	0.14	5.8	3.0
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	12/09/2023	ZO Lab, Jal	9	45	22	130	105	13	10	88	23	7	94	BDL	0.7	0.86	1.6	0.13	0.16	6.5	3.0
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	14/09/2023	ZO Lab, Jal	9	40	36	130	102	13	12	74	18	7	116	BDL	0.7	0.84	1.6	0.16	0.14	4.8	2.9
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	14/09/2023	ZO Lab, Jal	9	48	30	132	100	12	10	92	28	5	104	BDL	0.4	0.82	1.3	0.15	0.15	5.1	3.1
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	14/09/2023	ZO Lab, Jal	9	52	38	124	104	13	8	94	29	5	86	BDL	0.7	0.86	1.7	0.14	0.16	5.2	3.1
24	River Beas at U/s Goindwal	1696	15/09/2023	ZO Lab, Jal	8	36	24	132	105	11	9	90	25	5	88	BDL	0.4	0.91	1.4	0.14	0.13	5.4	2.3
25	River Beas at D/s Goindwal	1012	15/09/2023	ZO Lab, Jal	8	42	26	169	135	10	11	98	28	9	96	BDL	0.5	0.89	1.3	0.13	0.17	5.5	2.1
26	Beas at Harike	1697	15/09/2023	ZO Lab, Jal	9	50	32	144	114	11	10	102	25	6	98	BDL	0.5	1.02	1.5	0.14	0.15	7.8	3.4

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River Ravi

S.N.	Point of Sample Collection	Code	Date of receipt in lab	Lab Sample No.	Sample Collected & Analyzed by	pH	DO mg/l	BOD mg/l	Cond μ s/Cm	T.Coli MPN/ 100ml	F Coli MPN/ 100ml	Free Amm. mg/l	SAR	B mg/l	Quality of water as per DBU
27	Ravi at U/s of Madhopur H/W	1097	12/09/2023	325	ZO Lab, Jal	7.9	8.9	BDL	192	84	21	BDL	0.14	BDL	B

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27	Ravi at U/s of Madhopur H/W	1097	12/09/2023	325	ZO Lab, Jal	6	9	11	112	92	10	16	86	22	7.3	52	BDL	BDL	0.68	BDL	BDL	0.16	2.9	2.5

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River Ghaggar

S.N.	Point of Sample Collection	Code	Date of receipt in lab	Lab Sample No.	Sample Collected & Analyzed by	pH	DO mg/l	BOD mg/l	Cond μ s/Cm	T.Coli MPN/ 100ml	F. Coli MPN/ 100ml	SAR	Free Amm.N	B mg/l	Quality of water as per DBDU
1	Ghaggar at Mubarikpur Rest House	1023	5.9.2023	SW 2131	H/o Lab Patiala	7.7	6.2	8	471	21000	2600	1.83	0.29	0.37	D
2	Ghaggar at Bhankarpur	1295	5.9.2023	SW 2132	H/o Lab Patiala	7.9	3.3	11	765	22000	2700	2.02	0.53	0.51	E
3	Ghaggar at Chattbir	1698	5.9.2023	SW 2133	H/o Lab Patiala	7.9	3.2	12	724	24000	3400	1.87	0.54	0.50	E
4	Ghaggar at U/s Jharmal Nadi	1702	5.9.2023	SW 2134	H/o Lab Patiala	7.5	4.0	10	621	21000	2600	2.01	0.23	0.47	D
5	Ghaggar at D/s Jharmal Nadi	1701	5.9.2023	SW 2135	H/o Lab Patiala	7.6	3.1	11	731	24000	3400	1.97	0.24	0.52	E
6	Ghaggar at U/s Dhakanshu Nallah	1699	5.9.2023	SW 2137	H/o Lab Patiala	7.8	3.5	10	640	22000	3200	2.01	0.41	0.48	E
7	Ghaggar at D/s Dhakanshu Nallah	1700	5.9.2023	SW 2138	H/o Lab Patiala	7.8	3.0	13	765	28000	3800	2.02	0.42	0.54	E
8	Ghaggar at Rattanheri	1473	6.9.2023	SW 2145	H/o Lab Patiala	7.7	3.3	13	781	28000	3900	2.02	0.38	0.59	E
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	6.9.2023	SW 2146	H/o Lab Patiala	7.8	3.2	14	745	28000	3800	1.97	0.43	0.57	E
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	6.9.2023	SW 2147	H/o Lab Patiala	7.6	2.6	15	815	28000	4600	2.05	0.32	0.61	E
11	Ghaggar at Khanauri	1024	6.9.2023	SW 2150	H/o Lab Patiala	7.7	2.9	15	808	28000	3900	2.05	0.38	0.68	E
12	Ghaggar at Moonak	1703	6.9.2023	SW 2152	H/o Lab Patiala	7.7	2.4	16	865	35000	4600	2.15	0.39	0.73	E
13	Ghaggar at U/s Sardulgarh	1705	11.9.2023	SW 2186	H/o Lab Patiala	7.1	6.7	9	447	21000	1700	1.37	BDL	0.31	D
14	Ghaggar at D/s Sardulgarh	1704	11.9.2023	SW 2187	H/o Lab Patiala	7.7	5.2	10	531	22000	2200	1.59	0.33	0.38	D

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1	Ghaggar at Mubarikpur Rest House	1023	5.9.2023	SW 2131	H/o Lab Patiala	34	500	423	310	264	32	9	120	33	9	225	BDL	9.7	1.0	13.6	1.4	0.9	46	9
2	Ghaggar at Bhankarpur	1295	5.9.2023	SW 2132	H/o Lab Patiala	54	430	421	497	424	76	15	269	78	18	268	BDL	11.7	1.7	16.4	1.3	1.2	76	38
3	Ghaggar at Chattbir	1698	5.9.2023	SW 2133	H/o Lab Patiala	58	390	324	471	401	74	17	257	70	20	257	BDL	11.9	1.8	16.7	1.4	1.2	69	31
4	Ghaggar at U/s Jharmal Nadi	1702	5.9.2023	SW 2134	H/o Lab Patiala	41	300	280	406	347	52	13	186	53	13	246	BDL	11.3	1.4	15.8	1.1	1.0	63	28
5	Ghaggar at D/s Jharmal Nadi	1701	5.9.2023	SW 2135	H/o Lab Patiala	54	410	417	473	404	68	19	247	69	18	269	BDL	11.8	1.7	16.5	1.4	1.3	71	32
6	Ghaggar at U/s Dhakanshu Nallah	1699	5.9.2023	SW 2137	H/o Lab Patiala	48	230	240	417	356	56	14	193	54	14	253	BDL	11.6	1.3	16.2	1.2	1.1	64	28
7	Ghaggar at D/s Dhakanshu Nallah	1700	5.9.2023	SW 2138	H/o Lab Patiala	58	360	350	498	425	74	20	264	73	21	271	BDL	11.9	1.7	16.7	1.5	1.5	76	.35
8	Ghaggar at Rattanheri	1473	6.9.2023	SW 2145	H/o Lab Patiala	59	260	255	506	432	78	21	284	77	22	264	BDL	12.7	1.8	17.8	1.9	1.3	78	36
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	6.9.2023	SW 2146	H/o Lab Patiala	57	255	241	481	410	70	21	260	71	20	259	BDL	12.3	1.8	17.2	1.7	1.2	73	34
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	6.9.2023	SW 2147	H/o Lab Patiala	60	270	272	527	449	78	23	297	79	24	278	BDL	12.2	1.9	17.1	2.0	1.3	81	39
11	Ghaggar at Khanauri	1024	6.9.2023	SW 2150	H/o Lab Patiala	62	290	287	521	443	77	22	290	78	23	279	BDL	12.8	1.8	17.9	1.9	1.4	80	39
12	Ghaggar at Moonak	1703	6.9.2023	SW 2152	H/o Lab Patiala	61	310	301	563	481	83	25	310	81	26	299	BDL	13.1	1.6	18.3	2.1	1.7	87	43
13	Ghaggar at U/s Sardulgarh	1705	11.9.2023	SW 2186	H/o Lab Patiala	38	60	41	291	248	23	10	110	26	11	228	BDL	9.6	1.2	13.4	1.2	1.1	33	18
14	Ghaggar at D/s Sardulgarh	1704	11.9.2023	SW 2187	H/o Lab Patiala	44	70	65	347	295	39	13	153	38	14	233	BDL	10.9	1.3	15.3	1.4	1.2	45	22

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	8.9.2023	SW 2153	H.O. Lab Patiala	7.7	BDL	129	4865	350000	120000	0.35	6.56	1.36	E
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	8.9.2023	SW 2154	H.O. Lab Patiala	7.9	BDL	63	2395	280000	110000	1.12	3.36	1.20	E
3	Point Source B/N	2914	09.09.2023	SW 126	ZO Lab Ldh	7.3	BDL	145	1648	43,00,000	17,00,000	0.160	5.28	0.91	E
4	Kali Bein into Beas	2913	13/09/2023	SW 338	ZO Lab, Jal	7.5	4.0	2.6	368	2200	450	0.022	1.11	0.49	C
5	Outfall of Nag Kalan drain into Tung Dhab drain at Majitha road, Amritsar	4163	Drain was found dried, hence sample could not be collected												
6	Tungdab drain at fatehgarh churian, Amritsar	2910	15/09/2023	SW 358	ZO Lab, Jal	7.1	BDL	168	1836	210000	140000	0.02	3.81	0.39	E
7	Hundiara drain before entering Pakistan	2907	15/09/2023	SW 359	ZO Lab, Jal	7.4	BDL	80	1210	94000	32000	0.195	1.97	0.53	E
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected												
9	Ranjit Sagar Reservoir	2912	12/09/2023	SW 324	ZO Lab, Jal	8.2	8.7	BDL	188	79	22	BDL	0.19	BDL	B
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	5.9.2023	SW 2139	H.O. Lab Patiala	7.7	1.5	29	1448	120000	11000	0.35	1.95	0.96	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	6.9.2023	SW 2148	H.O. Lab Patiala	7.5	BDL	19	1241	43000	7000	0.22	2.29	0.78	E
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	5.9.2023	SW 2143	H.O. Lab Patiala	7.1	BDL	92	2445	350000	120000	0.12	3.91	1.31	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	06.09.2023	SW 116	ZO Lab Ldh	7.8	6.5	BDL	374	210	78	0.028	0.76	0.18	B

- Note. 1. BDL means Below Method Detection Limit**
2. DBU means Designated Best Use (Class-A,B,C,D & E)
3. Water Quality Index (S means Satisfactory, U means Unsatisfactory)
4. U/s means Upstream, D/s means Downstream

Analysis results of Surface water monitoring under NWMP for the month of September, 2023

S.N.	Point of Sample Collection	Code	Date of receipt in lab	Lab Sample No.	Sample Collected & Analyzed by	COD mg/l	Turb NTU	TSS mg/l	TDS mg/l	FDS mg/l	Cl mg/l	SO ₄ Mg/l	TH mg/l	Ca mg/l	Mg mg/l	T.Alkn mg/l	P.Alkn mg/l	Amn-N mg/l	NO3-N mg/l	TKN mg/l	PO ₄ as P mg/l	F mg/l	Na mg/l	K mg/l
1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	8.9.2023	SW 2153	H.O. Lab Patiala	415	690	692	3168	2697	597	178	1980	415	229	1017	BDL	11.7	4.8	16.4	5.4	4.7	671	263
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	8.9.2023	SW 2154	H.O. Lab Patiala	201	440	431	1558	1329	218	135	1031	231	110	431	BDL	24.9	3.2	34.9	5.5	4.4	248	287
3	Point Source B/N	2914	09.09.2023	SW 126	ZO Lab Ldh	492	148	360	1156	916	270	108	390	97.6	35	410	BDL	16	5.4	24.2	6.4	0.44	240	28
4	Kali Bein into Beas	2913	13/09/2023	SW 338	ZO Lab, Jal	18	32	24	232	175	19	15	130	33	12	168	BDL	1.1	1.51	1.6	0.22	0.25	29	5.4
5	Outfall of Nag Kalan drain into Tung Dhab drain at Majitha road, Amritsar	4163	Drain was found dried, hence sample could not be collected																					
6	Tungdab drain at fatehgarh churian, Amritsar	2910	15/09/2023	SW 358	ZO Lab, Jal	464	282	310	1122	683	262	144	355	91	31	575	BDL	20	3.81	32	1.8	0.52	165	17
7	Hundiara drain before entering Pakistan	2907	15/09/2023	SW 359	ZO Lab, Jal	260	188	215	746	471	125	66	320	74	33	480	BDL	13	3.32	21	1.5	0.38	81	15
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	12/09/2023	W 324	ZO Lab, Jal	7	6	BDL	110	89	8	15	74	18	7.0	64	BDL	BDL	0.62	BDL	BDL	0.14	3.7	2.2
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	5.9.2023	SW 2139	H.O. Lab Patiala	110	270	263	940	801	119	97	791	173	87	311	BDL	11.8	2.8	16.5	2.8	3.9	126	88
11	Sagar Para Drain at village sagra dist.Patiala	4158	6.9.2023	SW 2148	H.O. Lab Patiala	78	230	215	806	687	103	76	618	135	68	297	BDL	11.2	1.9	15.7	2.5	3.1	131	63
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	5.9.2023	SW 2143	H.O. Lab Patiala	276	380	371	1587	1351	268	137	1279	317	118	348	BDL	24.6	3.9	34.4	5.3	5.3	321	117
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	06.09.2023	SW 116	ZO Lab LDH	BDL	35	227	227	200	23	22	140	36	12.2	126	BDL	0.8	0.9	1.6	BDL	0.22	20.7	3.1

Note. 1. BDL means Below Method Detection Limit

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