

### Analysis results of Surface water monitoring under NWMP for the month of June, 2024

#### 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 $\mu$ 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	06.06.2024	SW 99	ZO Lab LDH	8.3	8.4	BDL	236	94	32	BDL	0.27	BDL	B
2	River River Sutlej at D/S NFL	1380	06.06.2024	SW 100	ZO Lab LDH	8.4	10.1	BDL	256	84	46	BDL	0.31	BDL	B
3	River Sutlej at 100m D/s PACL Nangal	2915	06.06.2024	SW 101	ZO Lab LDH	8.4	10.2	BDL	257	84	21	BDL	0.31	BDL	B
4	River River Sutlej at D/s Nangal	1018	06.06.2024	SW 102	ZO Lab LDH	8.5	9.0	BDL	247	94	21	BDL	0.30	0.14	B
5	River River Sutlej at Kiratpur Sahib	1814	07.06.2024	SW 107	ZO Lab LDH	7.4	8.8	BDL	235	210	70	BDL	0.28	0.21	B
6	Ropar Head-Works	1019	07.06.2024	SW 110	ZO Lab LDH	7.6	8.0	1.1	276	630	260	BDL	0.31	0.16	C
7	River River Sutlej D/S of Rishab- Paper Mills	1293	07.06.2024	SW 111	ZO Lab LDH	8.0	7.3	1.2	303	790	270	0.040	0.35	0.30	C
8	River River Sutlej U/S Buddha Nallah	1690	11.06.2024	SW 118	ZO Lab LDH	7.8	6.5	1.2	284	1100	330	0.038	0.29	0.50	C
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	11.06.2024	SW 120	ZO Lab LDH	7.7	2.6	9.2	434	3,50,000	1,10,000	0.084	1.42	0.80	E
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	12.06.2024	SW 124	ZO Lab LDH	7.7	5.5	1.8	314	35,000	11,000	0.042	0.83	0.33	D
11	River River Sutlej at D/s East Bein	1381	12.06.2024	SW 125	ZO Lab LDH	7.2	4.2	2.8	363	21,000	9400	0.018	1.06	0.30	D
12	River Sutlej at Harike	1022	12.06.2024	SW 126	ZO Lab LDH	7.5	6.3	1.6	262	2400	790	0.018	0.70	0.22	C
13	Harike Lake D/S from canal	1382	25-06-2024	128	ZO Lab, Jal	7.5	6.3	1.4	282	1700	630	0.020	0.41	0.36	C
14	D/S Harike lake	1297	25-06-2024	127	ZO Lab, Jal	7.8	7.8	1.3	273	2100	700	0.035	0.35	0.30	C
15	U/S Hussainiwala H/W Ferozepur	1691	13.06.2024	SW 129	ZO Lab LDH	7.7	7.8	1.2	251	920	170	BDL	0.72	0.28	C
16	D/S Hussainiwala H/W Ferozepur	1692	13.06.2024	SW 130	ZO Lab LDH	7.8	7.7	1.2	259	920	130	BDL	0.70	0.33	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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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	SO4 mg/l	TH mg/l	Ca mg/l	Mg mg/l	T.Alkn mg/l	P.Alkn mg/l	AmnN mg/l	NO3-N mg/l	TKN mg/l	PO4as P mg/l	F mg/l	Na mg/l	K mg/l
1	River River Sutlej at U/S Nangal	1017	06.06.2024	SW 99	ZO Lab LDH	BDL	10	11	158	139	10	42	112	29.6	9.2	66	BDL	BDL	2.2	BDL	BDL	BDL	6.6	2.5
2	River River Sutlej at D/S NFL	1380	06.06.2024	SW 100	ZO Lab LDH	BDL	5	BDL	190	167	10	50	118	31.2	9.7	76	BDL	BDL	2.4	BDL	BDL	BDL	7.7	2.3
3	River Sutej at 100m D/s PACL Nangal	2915	06.06.2024	SW 101	ZO Lab LDH	BDL	8	BDL	190	166	12	52	120	32	9.7	80	BDL	BDL	2.4	BDL	BDL	BDL	7.8	2.3
4	River River Sutlej atD/s Nangal	1018	06.06.2024	SW 102	ZO Lab LDH	BDL	15	17	172	150	10	53	106	28.8	8.3	80	BDL	BDL	2.1	BDL	BDL	BDL	7.1	2.4
5	River River Sutlej at Kiratpur Sahib	1814	07.06.2024	SW 107	ZO Lab LDH	BDL	13	18	182	162	11	52	126	33.6	10.2	84	BDL	BDL	2.7	BDL	BDL	0.23	7.3	2.5
6	Ropar Head-Works	1019	07.06.2024	SW 110	ZO Lab LDH	8	31	26	179	156	12	39	106	28	8.7	74	BDL	BDL	3	BDL	0.26	0.24	7.3	2.3
7	River River Sutlej D/S of Rishab-Paper Mills	1293	07.06.2024	SW 111	ZO Lab LDH	12	36	51	197	173	14	39	106	28.8	8.3	92	BDL	0.8	2.2	1.5	BDL	0.22	8.4	2.4
8	River River Sutlej U/S Buddha Nallah	1690	11.06.2024	SW 118	ZO Lab LDH	12	50	62	209	184	17	63	102	27.2	8.3	90	BDL	1.1	3.1	1.7	0.23	0.22	6.8	2.3
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	11.06.2024	SW 120	ZO Lab LDH	40	95	138	338	268	58	59	144	38.4	11.7	136	BDL	2.8	3.2	3.9	0.84	0.45	39.1	5.3
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	12.06.2024	SW 124	ZO Lab LDH	14	65	87	240	201	28	58	120	32.8	9.2	98	BDL	1.4	3.2	1.9	0.61	0.34	20.9	3.7
11	River River Sutlej at D/s East Bein	1381	12.06.2024	SW 125	ZO Lab LDH	20	50	65	260	205	35	51	134	36	10.7	112	BDL	1.8	3.4	2.6	0.67	0.35	28.2	5.7
12	River River Sutlej at Harike	1022	12.06.2024	SW 126	ZO Lab LDH	13	45	42	207	167	20	42	90	24.8	6.8	102	BDL	0.9	2.9	1.6	0.23	0.29	15.3	3.7
13	Harike Lake D/S from canal	1382	25-06-2024	128	ZO Lab, Jal	10	10	12	158	126	17	14	136	35	12	88	BDL	1.0	0.62	1.5	0.24	0.24	11	2.4
14	D/S Harike lake	1297	25-06-2024	127	ZO Lab, Jal	10	11	11	160	120	15	11	146	36	14	100	BDL	1.0	0.55	1.6	0.26	0.25	9.7	2.3
15	U/S Hussainiwala H/W Ferozepur	1691	13.06.2024	SW 129	ZO Lab LDH	10	17	17	197	162	18	48	80	21.6	6.3	98	BDL	BDL	2.8	BDL	BDL	0.27	14.8	3.6
16	D/S Hussainiwala H/W Ferozepur	1692	13.06.2024	SW 130	ZO Lab LDH	12	13	15	192	164	17	47	86	22.4	7.3	90	BDL	BDL	2.8	BDL	BDL	0.28	14.9	3.6

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## River Beas

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 $\mu$ s/Cm	T. Coli MPN/100ml	F. Coli MPN/100ml	Free Amm. mg/l	SAR	B mg/l	Quality of water as per DBU
17	River Beas at Talwara H/W	1693	11/6/2024	90	ZO Lab, Jal	7.4	8.2	1.2	257	120	31	0.012	0.65	BDL	B
18	River Beas at U/S Pathankot	1694	11/6/2024	92	ZO Lab, Jal	7.5	7.7	1.3	325	260	92	0.012	0.70	0.14	B
19	River Beas at D/S Pathankot	1695	11/6/2024	93	ZO Lab, Jal	7.3	7.5	1.1	275	280	94	0.007	0.47	0.26	B
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	11/6/2024	91	ZO Lab, Jal	7.4	8.1	1.4	363	220	63	0.011	0.63	BDL	B
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	14/6/2024	98	ZO Lab, Jal	7.4	8.4	1.3	272	460	210	0.012	0.29	0.26	B
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	14/6/2024	99	ZO Lab, Jal	7.5	8.2	BDL<1	259	400	210	0.012	0.32	0.30	B
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	14/6/2024	100	ZO Lab, Jal	7.3	7.9	1.2	249	330	170	0.008	0.33	0.48	B
24	River Beas at U/s Goindwal	1696	25/6/2024	124	ZO Lab, Jal	7.5	8.1	1	250	310	120	0.012	0.37	0.11	B
25	River Beas at D/s Goindwal	1012	25/6/2024	125	ZO Lab, Jal	7.8	7.9	1.2	258	380	140	0.028	0.34	0.17	B
26	Beas at Harike	1697	25/6/2024	126	ZO Lab, Jal	7.9	8.2	1.1	248	330	170	0.041	0.29	0.20	B

S.N.	Point of Sample Collection	Code	Date of receipt in lab	Sample Collected & Analyzed by	COD mg/l	Turb NTU	TSS mg/l	TDS mg/l	FDS mg/l	Cl mg/l	SO4 Mg/l	TH mg/l	Ca mg/l	Mg mg/l	T.Alkn mg/l	P.Alkn mg/l	AmnN mg/l	NO3-N mg/l	TKN mg/l	PO4as P mg/l	F mg/l	Na mg/l	K mg/l
17	River Beas at Talwara H/W	1693	11/6/2024	ZO Lab, Jal	10	8	BDL	149	120	15	10	88	26	6	84	BDL	0.8	0.68	1.7	0.19	0.22	14	3.6
18	River Beas at U/S Pathankot	1694	11/6/2024	ZO Lab, Jal	12	10	12	195	133	14	18	138	34	13	136	BDL	0.6	0.94	1.6	0.18	0.15	19	3.8
19	River Beas at D/S Pathankot	1695	11/6/2024	ZO Lab, Jal	10	15	14	148	110	9	10	124	33	10	98	BDL	0.7	0.84	1.5	0.14	0.20	12	2.7
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	11/6/2024	ZO Lab, Jal	12	10	10	204	145	16	12	154	34	17	140	BDL	0.7	0.84	1.6	0.16	0.26	18	3.4
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	14/6/2024	ZO Lab, Jal	12	10	15	161	125	11	14	142	46	7	99	BDL	0.8	0.94	1.8	0.16	0.18	8	2.1
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	14/6/2024	ZO Lab, Jal	15	15	12	158	122	16	13	150	38	13	105	BDL	0.6	0.84	1.4	0.14	0.21	9	2.4
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	14/6/2024	ZO Lab, Jal	16	16	12	162	132	18	12	138	39	10	112	BDL	0.8	0.84	1.6	0.21	0.23	9	2.9
24	River Beas at U/s Goindwal	1696	25/6/2024	ZO Lab, Jal	10	10	BDL	151	118	17	18	126	34	10	95	BDL	0.6	0.76	1.3	0.18	0.23	9.6	2.4
25	River Beas at D/s Goindwal	1012	25/6/2024	ZO Lab, Jal	14	20	10	159	121	18	12	136	41	8	106	BDL	0.8	0.92	14.7	0.20	0.23	9.1	3.3
26	Beas at Harike	1697	25/6/2024	ZO Lab, Jal	12	14	11	152	112	17	16	138	35	12	98	BDL	0.9	0.72	1.6	0.19	0.22	7.7	2.5

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**Analysis results of Surface water monitoring under NWMP for the month of June, 2024**

**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 $\mu$ 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	11/06/2024	89	ZO Lab, Jal	7.4	8.4	1.0	179	110	26	BDL	0.06	BDL	B

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 <sub>4</sub> Mg/l	TH mg/l	Ca mg/l	Mg mg/l	T.Alkn mg/l	P.Alkn mg/l	AmnN mg/l	NO <sub>3</sub> -N mg/l	TKN mg/l	PO <sub>4</sub> as P mg/l	F mg/l	Na mg/l	K mg/l
27	Ravi at U/s of Madhopur H/W	1097	11/06/2024	89	ZO Lab, Jal	7	7	BDL	106	84	7	5	100	24	10	74	BDL	BDL	0.42	BDL	BDL	0.18	1.4	1.8

### Analysis results of Surface water monitoring under NWMP for the month of June, 2024

#### 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 $\mu$ 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	13/6/2024	SW 1	H/o Lab Patiala	7.8	5.9	7	491	21000	2100	1.82	0.31	0.45	D
2	Ghaggar at Bhankarpur	1295	13/6/2024	SW 2	H/o Lab Patiala	7.4	3.3	19	888	24000	3400	2.23	0.15	0.78	E
3	Ghaggar at Chattbir	1698	13/6/2024	SW 3	H/o Lab Patiala	7.6	3.2	18	902	24000	3400	2.29	0.27	0.80	E
4	Ghaggar at U/s Jharmal Nadi	1702	13/6/2024	SW 4	H/o Lab Patiala	7.6	4.0	14	687	24000	2700	1.84	0.30	0.65	D
5	Ghaggar at D/s Jharmal Nadi	1701	13/6/2024	SW 5	H/o Lab Patiala	7.7	3.3	17	841	24000	3400	2.21	0.37	0.77	E
6	Ghaggar at U/s Dhakanshu Nallah	1699	13/6/2024	SW 7	H/o Lab Patiala	7.8	3.9	14	691	22000	2600	2.08	0.41	0.64	E
7	Ghaggar at D/s Dhakanshu Nallah	1700	13/6/2024	SW 8	H/o Lab Patiala	7.7	3.5	18	953	24000	2700	2.20	0.36	0.85	E
8	Ghaggar at Rattanheri	1473	19/6/2024	SW 15	H/o Lab Patiala	7.6	2.1	18	1019	28000	3900	2.34	0.30	0.82	E
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	19/6/2024	SW 16	H/o Lab Patiala	7.8	2.8	17	967	28000	3900	2.38	0.42	0.80	E
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	19/6/2024	SW 17	H/o Lab Patiala	7.8	2.0	20	1081	35000	4600	2.51	0.41	0.89	E
11	Ghaggar at Khanauri	1024	19/6/2024	SW 20	H/o Lab Patiala	7.6	3.4	19	993	28000	3900	2.37	0.31	0.86	E
12	Ghaggar at Moonak	1703	19/6/2024	SW 22	H/o Lab Patiala	7.6	3.3	21	1151	35000	4700	2.35	0.31	0.92	E
13	Ghaggar at U/s Sardulgarh	1705	21/6/2024	SW 25	H/o Lab Patiala	7.7	6.4	8	449	21000	2100	1.41	0.26	0.28	D
14	Ghaggar at D/s Sardulgarh	1704	21/6/2024	SW 26	H/o Lab Patiala	7.7	5.2	9	625	22000	2300	1.59	0.28	0.44	D

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1	Ghaggar at Mubarikpur Rest House	1023	SW 1	H/o Lab Patiala	36	540	575	316	269	40	8	121	35	8	242	BDL	8.9	1.0	12.5	1.1	1.0	46	10
2	Ghaggar at Bhankarpur	1295	SW 2	H/o Lab Patiala	92	490	635	579	493	75	19	359	96	29	310	BDL	10.2	1.3	14.3	1.4	1.3	97	42
3	Ghaggar at Chattbir	1698	SW 3	H/o Lab Patiala	88	530	491	587	499	91	20	346	94	27	317	BDL	10.7	1.3	15.0	1.3	1.3	98	46
4	Ghaggar at U/s Jharmal Nadi	1702	SW 4	H/o Lab Patiala	62	410	311	447	381	55	15	236	60	21	281	BDL	11.9	1.4	16.7	1.3	1.5	65	30
5	Ghaggar at D/s Jharmal Nadi	1701	SW 5	H/o Lab Patiala	80	430	382	547	467	83	22	301	86	21	298	BDL	12.2	1.4	17.1	1.3	1.4	88	35
6	Ghaggar at U/s Dhakanshu Nallah	1699	SW 7	H/o Lab Patiala	65	370	329	449	383	63	20	220	60	17	265	BDL	11.8	1.1	16.5	1.3	1.2	71	26
7	Ghaggar at D/s Dhakanshu Nallah	1700	SW 8	H/o Lab Patiala	85	430	370	621	531	95	29	376	96	33	315	BDL	12.1	1.4	16.9	1.3	1.4	98	43
8	Ghaggar at Rattanheri	1473	SW 15	H/o Lab Patiala	85	310	238	659	563	101	33	397	98	37	328	BDL	12.0	2.2	16.8	2.4	2.0	107	53
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	SW 16	H/o Lab Patiala	80	300	237	629	537	98	30	376	96	33	321	BDL	12.0	2.0	16.8	2.3	2.0	106	52
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	SW 17	H/o Lab Patiala	98	330	240	708	604	102	37	439	108	41	336	BDL	11.6	2.2	16.2	2.5	2.1	121	58
11	Ghaggar at Khanauri	1024	SW 20	H/o Lab Patiala	85	310	281	645	551	95	27	387	97	35	324	BDL	12.2	2.2	17.1	2.4	2.5	107	56
12	Ghaggar at Moonak	1703	SW 22	H/o Lab Patiala	92	340	297	746	638	109	45	502	115	52	345	BDL	12.4	2.9	17.4	2.5	2.8	121	60
13	Ghaggar at U/s Sardulgarh	1705	SW 25	H/o Lab Patiala	46	40	38	293	251	33	8	104	30	7	228	BDL	8.5	1.1	11.9	1.0	1.1	33	16
14	Ghaggar at D/s Sardulgarh	1704	SW 26	H/o Lab Patiala	53	60	59	409	349	45	17	218	56	19	271	BDL	9.3	1.2	13.0	1.1	1.2	54	22

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	20/6/2024	SW 23	H.O. Lab Patiala	7.6	BDL	75	2591	280000	110000	0.16	4.04	1.28	E
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	20/6/2024	SW 24	H.O. Lab Patiala	7.5	BDL	69	2172	280000	110000	0.27	3.53	1.21	E
3	Point Source B/N	2914	11.06.2024	SW 119	ZO Lab LDH	7.5	BDL	98	1541	92,00,000	24,00,000	0.328	4.38	0.94	E
4	Kali Bein into Beas	2913	16/06/2024	SW 109	ZO Lab, Jal	7.7	7.1	3.0	316	3300	1300	0.033	0.21	0.46	C
5	Outfall of Nag Kalan drain into Tung Dhab drain at Majitha road, Amritsar	4163	<b>Drain was found dried, hence sample could not be collected</b>												
6	Tungdab drain at fatehgarh churian, Amritsar	2910	25/6/2024	SW 130	ZO Lab, Jal	7.2	BDL	130	2674	840000	460000	0.200	5.78	0.39	E
7	Hundiara drain before entering Pakistan	2907	25/6/2024	SW 131	ZO Lab, Jal	7.3	BDL	66	1309	410000	270000	0.140	2.23	0.43	E
8	Pathlawa Drain	2911	<b>Drain was found dried, hence sample could not be collected</b>												
9	Ranjit Sagar Reservoir	2912	11/06/2024	SW 88	ZO Lab, Jal	7.3	8.6	1.0	196	94	21	BDL	0.12	BDL	B
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	18/6/2024	SW 9	H.O. Lab Patiala	7.6	BDL	48	1155	120000	26000	0.29	4.31	0.98	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	19/6/2024	SW 18	H.O. Lab Patiala	7.8	0.8	31	1011	35000	11000	0.33	2.02	0.96	E
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	18/6/2024	SW 13	H.O. Lab Patiala	7.2	BDL	92	2958	350000	150000	0.17	4.15	1.85	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	07.06.2024	SW 109	ZO Lab LDH	7.6	8.4	1.4	300	700	260	0.030	0.67	0.34	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**

### Analysis results of Surface water monitoring under NWMP for the month of June, 2024

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 <sub>4</sub> 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 <sub>4</sub> 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	20/6/2024	SW 23	H.O. Lab Patiala	248	260	241	1687	1438	248	101	1242	225	165	577	BDL	8.2	3.5	11.5	4.2	4.0	327	176	
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	20/6/2024	SW 24	H.O. Lab Patiala	219	210	221	1415	1205	109	125	1038	219	119	378	BDL	13.6	3.2	19.0	4.0	3.6	261	278	
3	Point Source B/N	2914			ZO Lab LDH	340	160	276	1049	775	290	87	320	83.2	27.2	480	BDL	16.4	5.6	24	6.68	0.67	180	21.5	
4	Kali Bein into Beas	2913	16/06/2024	SW 109	ZO Lab, Jal	18	14	13	176	130	15	12	150	37	14	135	BDL	1.1	0.9	1.7	0.26	0.29	5.9	3.4	
5	Outfall of Nag Kalan drain into Tung Dhab drain at Majitha road, Amritsar	4163	<b>Drain was found dried, hence sample could not be collected</b>																						
6	Tungdab drain at fatehgarh churian, Amritsar	2910	25/6/2024	SW 130	ZO Lab, Jal	364	410	442	1511	926	284	88	544	134	51	570	BDL	20	3.2	30	2.2	0.36	310	18	
7	Hundiara drain before entering Pakistan	2907	25/6/2024	SW 131	ZO Lab, Jal	186	298	274	741	477	118	46	388	96	36	464	BDL	14	2.4	22	1.8	0.34	101	12	
8	Pathlawa Drain	2911	<b>Drain was found dried, hence sample could not be collected</b>																						
9	Ranjit Sagar Reservoir	2912	11/06/2024	SW 88	ZO Lab, Jal	6	7	BDL	112	88	8	5	102	26	9	72	BDL	BDL	0.36	BDL	BDL	0.16	2.8	2.5	
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	18/6/2024	SW 9	H.O. Lab Patiala	146	200	208	751	641	92	25	323	78	31	348	BDL	11.7	3.0	16.4	3.6	3.2	178	75	
11	Sagar Para Drain at village sagra dist.Patiala	4158	19/6/2024	SW 18	H.O. Lab Patiala	92	140	125	658	561	96	24	512	98	65	325	BDL	9.3	2.4	13.0	2.0	2.0	105	35	
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	18/6/2024	SW 13	H.O. Lab Patiala	320	330	224	1921	1635	310	205	1574	361	163	483	BDL	17.3	5.2	24.2	5.0	5.1	378	115	
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	7.6.2024	SW 109	ZO Lab LDH	12	52	85	230	200	28	39	130	35.2	10.2	98	BDL	1.2	3.8	1.7	0.46	0.26	17.5	2.6	

Note. 1. BDL means Below Method Detection Limit

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4. U/s means Upstream, D/s means Downstream