

Analysis results of Surface water monitoring under NWMP for the month of August, 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 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	08.08.2024	SW 187	ZO Lab LDH	8.2	7.5	BDL	247	78	20	BDL	0.16	BDL	B
2	River River Sutlej at D/S NFL	1380	08.08.2024	SW 188	ZO Lab LDH	8.4	8.6	BDL	257	170	68	BDL	0.15	BDL	B
3	River Sutlej at 100m D/s PACL Nangal	2915	08.08.2024	SW 189	ZO Lab LDH	8.4	8.7	BDL	258	120	92	BDL	0.16	BDL	B
4	River River Sutlej at D/s Nangal	1018	08.08.2024	SW 190	ZO Lab LDH	8.4	8.4	BDL	249	200	92	BDL	0.16	0.11	B
5	River River Sutlej at Kiratpur Sahib	1814	09.08.2024	SW 195	ZO Lab LDH	7.3	7.9	BDL	267	400	170	BDL	0.22	0.21	B
6	Ropar Head-Works	1019	09.08.2024	SW 198	ZO Lab LDH	7.4	7.8	BDL	283	400	170	BDL	0.13	0.13	B
7	River River Sutlej D/S of Rishab- Paper Mills	1293	09.08.2024	SW 199	ZO Lab LDH	7.4	8.1	1.4	298	700	260	BDL	0.11	0.26	C
8	River River Sutlej U/S Buddha Nallah	1690	12.08.2024	SW 202	ZO Lab LDH	7.4	6.6	1.2	354	1400	390	BDL	0.23	0.39	C
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	12.08.2024	SW 204	ZO Lab LDH	7.3	5.4	14	370	1,20,000	38,000	0.028	0.35	0.74	D
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	14.08.2024	SW 206	ZO Lab LDH	7.1	5.0	2.4	368	79,000	27,000	0.001	0.48	0.35	D
11	River River Sutlej at D/s East Bein	1381	14.08.2024	SW 207	ZO Lab LDH	6.9	4.4	3.4	374	1,70,000	70,000	BDL	0.20	0.22	D
12	River Sutlej at Harike	1022	14.08.2024	SW 208	ZO Lab LDH	7.4	5.8	1.8	288	3500	940	BDL	0.15	0.20	C
13	Harike Lake D/S from canal	1382	14/08/24	189	ZO Lab, Jal	7.5	7.8	1.3	262	1700	780	0.018	0.38	0.20	C
14	D/S Harike lake	1297	14/08/24	188	ZO Lab, Jal	7.6	8.0	1.2	243	2600	1100	0.023	0.31	0.23	C
15	U/S Hussainiwala H/W Ferozepur	1691	14.08.2024	SW 209	ZO Lab LDH	7.2	5.4	1.1	312	940	320	BDL	0.13	0.23	C
16	D/S Hussainiwala H/W Ferozepur	1692	14.08.2024	SW 210	ZO Lab LDH	7.4	5.1	1.2	304	940	260	BDL	0.11	0.20	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

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.Alk n mg/l	P.Alk n mg/l	Amn N 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	08.08.2024	SW 187	ZO Lab LDH	BDL	4	BDL	144	126	10	40	96	24.8	8.3	70	BDL	BDL	0.5	BDL	BDL	BDL	3.7	1.5
2	River River Sutlej at D/S NFL	1380	08.08.2024	SW 188	ZO Lab LDH	BDL	3	BDL	154	134	9	42	102	26.4	8.7	74	BDL	BDL	0.8	BDL	BDL	BDL	3.6	1.4
3	River Sutej at 100m D/s PACL Nangal	2915	08.08.2024	SW 189	ZO Lab LDH	BDL	3	BDL	152	135	9	42	100	25.6	8.7	76	BDL	BDL	0.7	BDL	BDL	BDL	3.7	1.5
4	River River Sutlej atD/s Nangal	1018	08.08.2024	SW 190	ZO Lab LDH	BDL	4	BDL	151	132	8	43	106	28.8	8.3	72	BDL	BDL	0.5	BDL	BDL	BDL	3.8	1.5
5	River River Sutlej at Kiratpur Sahib	1814	09.08.2024	SW 195	ZO Lab LDH	BDL	75	41	181	152	21	41	106	27.2	9.2	80	BDL	BDL	0.9	BDL	BDL	BDL	5.1	1.5
6	Ropar Head-Works	1019	09.08.2024	SW 198	ZO Lab LDH	BDL	130	78	180	154	20	40	112	30.4	8.7	82	BDL	BDL	0.7	BDL	BDL	BDL	3.2	1.3
7	River River Sutlej D/S of Rishab-Paper Mills	1293	09.08.2024	SW 199	ZO Lab LDH	14	140	94	186	163	21	44	110	28	9.7	76	BDL	BDL	0.7	BDL	BDL	BDL	2.6	1.1
8	River River Sutlej U/S Buddha Nallah	1690	12.08.2024	SW 202	ZO Lab LDH	12	135	112	224	189	31	46	116	38.4	4.9	92	BDL	BDL	1.2	BDL	0.31	BDL	5.8	1.7
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	12.08.2024	SW 204	ZO Lab LDH	64	150	136	238	205	26	51	130	36	9.7	108	BDL	2.8	1.5	4.2	0.47	0.27	9.2	2.3
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	14.08.2024	SW 206	ZO Lab LDH	22	140	142	219	190	32	41	118	29.6	10.7	104	BDL	1.4	2.3	2.0	0.35	0.22	11.9	2.5
11	River River Sutlej at D/s East Bein	1381	14.08.2024	SW 207	ZO Lab LDH	28	180	182	232	200	37	47	120	31.2	10.2	120	BDL	2.2	2.5	3.3	0.45	0.23	5.1	1.5
12	River River Sutlej at Harike	1022	14.08.2024	SW 208	ZO Lab LDH	18	160	144	173	148	21	21	106	26.4	9.7	102	BDL	BDL	1.7	BDL	0.22	0.21	3.5	1.2
13	Harike Lake D/S from canal	1382	14/08/24	189	ZO Lab, Jal	11	49	43	164	132	13	10	124	34	10	124	BDL	0.9	0.36	1.3	0.21	0.21	9.8	3.4
14	D/S Harike lake	1297	14/08/24	188	ZO Lab, Jal	10	52	45	162	128	17	12	114	30	9	120	BDL	0.9	0.4	1.4	0.22	0.20	7.5	3.0
15	U/S Hussainiwala H/W Ferozepur	1691	14.08.2024	SW 209	ZO Lab LDH	10	110	72	192	164	24	24	110	28	9.7	104	BDL	BDL	2	BDL	BDL	0.22	3.2	1.8
16	D/S Hussainiwala H/W Ferozepur	1692	14.08.2024	SW 210	ZO Lab LDH	11	115	78	185	162	22	25	112	28.8	9.7	100	BDL	BDL	1.8	BDL	BDL	0.21	2.6	1

- Note. 1. BDL means Below Method Detection Limit**
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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 µs/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	09-08-24	175	ZO Lab, Jal	7.3	7.9	1.1	244	84	26	0.009	0.29	0.13	B
18	River Beas at U/S Pathankot	1694	09-08-24	177	ZO Lab, Jal	7.6	8.1	1.3	317	200	45	0.020	0.42	0.12	B
19	River Beas at D/S Pathankot	1695	09-08-24	176	ZO Lab, Jal	7.8	7.7	1	287	270	93	0.025	0.30	0.18	B
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	09-08-24	176	ZO Lab, Jal	7.5	8	1.3	315	170	68	0.016	0.39	0.19	B
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	12/08/24	180	ZO Lab, Jal	7.5	8.5	1.4	283	410	120	0.016	0.22	0.33	B
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	12/08/24	181	ZO Lab, Jal	7.5	8.3	BDL	262	340	170	0.016	0.25	0.25	B
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	12/08/24	182	ZO Lab, Jal	7.3	8.1	1.2	268	330	140	0.009	0.22	0.29	B
24	River Beas at U/s Goindwal	1696	14/08/24	185	ZO Lab, Jal	7.6	8.1	BDL	244	270	110	0.018	0.28	0.17	B
25	River Beas at D/s Goindwal	1012	14/08/24	186	ZO Lab, Jal	7.6	7.7	1.1	257	310	130	0.023	0.26	0.29	B
26	Beas at Harike	1697	14/08/24	187	ZO Lab, Jal	7.5	8	1	255	340	110	0.016	0.27	0.16	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	09-08-24	ZO Lab, Jal	9	50	18	152	120	12	14	164	44	13	92	BDL	0.9	0.28	1.2	0.17	0.15	8.5	2.9
18	River Beas at U/S Pathankot	1694	09-08-24	ZO Lab, Jal	10	55	33	182	142	16	18	178	54	10	110	BDL	0.8	0.33	1.3	0.18	0.19	13	2.8
19	River Beas at D/S Pathankot	1695	09-08-24	ZO Lab, Jal	7	125	46	170	132	10	12	186	46	17	114	BDL	0.7	0.35	1.0	0.19	0.17	9.4	2.7
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	09-08-24	ZO Lab, Jal	10	75	34	185	145	17	15	176	50	13	116	BDL	0.8	0.32	1.3	0.17	0.16	12	3.1
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	12/08/24	ZO Lab, Jal	12	138	52	168	134	10	14	156	36	16	118	BDL	0.8	0.31	1.2	0.17	0.20	6.4	3.1
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	12/08/24	ZO Lab, Jal	7	75	38	162	128	14	13	194	42	22	98	BDL	0.8	0.29	1.1	0.19	0.18	8.1	2.9
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	12/08/24	ZO Lab, Jal	7	60	32	166	132	19	18	164	47	11	96	BDL	0.9	0.31	1.3	0.21	0.19	6.4	2.4
24	River Beas at U/s Goindwal	1696	14/08/24	ZO Lab, Jal	10	110	46	152	115	12	15	156	42	13	88	BDL	0.7	0.29	1.0	0.16	0.16	8.0	2.6
25	River Beas at D/s Goindwal	1012	14/08/24	ZO Lab, Jal	8	95	42	158	128	17	12	170	42	16	94	BDL	0.9	0.31	1.2	0.18	0.19	7.9	3.1
26	Beas at Harike	1697	14/08/24	ZO Lab, Jal	7	75	39	156	125	16	16	168	46	13	84	BDL	0.8	0.32	1.1	0.19	0.17	7.9	3.0

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Analysis results of Surface water monitoring under NWMP for the month of August, 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 µs/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	09-08/24	174	ZO Lab, Jal	7.5	8.3	1	194	70	23	BDL	0.19	0.11	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 ₄ Mg/l	TH mg/l	Ca mg/l	Mg mg/l	T.Alkn mg/l	P.Alkn mg/l	AmnN mg/l	NO ₃ -N mg/l	TKN mg/l	PO ₄ as P mg/l	F mg/l	Na mg/l	K mg/l
27	Ravi at U/s of Madhopur H/W	1097	09-08/24	174	ZO Lab, Jal	9	40	34	119	98	10	8	116	28	11	74	BDL	BDL	0.28	BDL	BDL	0.13	4.6	1.8

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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 µs/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	7.8.2024	SW 53	H/o Lab Patiala	7.5	7	7	465	17000	1700	1.77	0.19	0.39	D
2	Ghaggar at Bhankarpur	1295	7.8.2024	SW 54	H/o Lab Patiala	7.5	4	12	815	22000	2100	2.18	0.21	0.70	D
3	Ghaggar at Chattbir	1698	7.8.2024	SW 55	H/o Lab Patiala	7.3	4	16	841	22000	2600	2.25	0.11	0.75	D
4	Ghaggar at U/s Jharmal Nadi	1702	7.8.2024	SW 56	H/o Lab Patiala	7.5	4.3	12	631	21000	2600	1.88	0.24	0.58	D
5	Ghaggar at D/s Jharmal Nadi	1701	7.8.2024	SW 57	H/o Lab Patiala	7.6	3.9	17	771	24000	3400	2.14	0.31	0.70	E
6	Ghaggar at U/s Dhakanshu Nallah	1699	7.8.2024	SW 59	H/o Lab Patiala	7.7	4.2	13	635	21000	2600	2.02	0.36	0.60	D
7	Ghaggar at D/s Dhakanshu Nallah	1700	7.8.2024	SW 60	H/o Lab Patiala	7.6	4	17	847	24000	3400	2.24	0.31	0.78	D
8	Ghaggar at Rattanheri	1473	16.8.2024	SW 69	H/o Lab Patiala	7.8	3.2	19	917	28000	3800	2.20	0.44	0.75	E
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	16.8.2024	SW 70	H/o Lab Patiala	7.8	3.5	17	881	28000	3800	2.19	0.44	0.73	E
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	16.8.2024	SW 71	H/o Lab Patiala	7.9	3.1	20	1007	28000	3900	2.32	0.56	0.80	E
11	Ghaggar at Khanauri	1024	16.8.2024	SW 74	H/o Lab Patiala	7.6	3.6	21	941	28000	3800	2.27	0.32	0.82	E
12	Ghaggar at Moonak	1703	16.8.2024	SW 76	H/o Lab Patiala	7.7	3.0	23	1061	35000	4600	2.33	0.39	0.84	E
13	Ghaggar at U/s Sardulgarh	1705	14.8.2024	SW 66	H/o Lab Patiala	7.4	6.8	7	403	17000	1700	1.15	0.18	0.26	D
14	Ghaggar at D/s Sardulgarh	1704	14.8.2024	SW 67	H/o Lab Patiala	7.5	4.8	9	569	21000	2100	1.41	0.26	0.37	D

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1	Ghaggar at Mubarikpur Rest House	1023	SW 53	H/o Lab Patiala	35	510	543	298	295	33	7	103	31	6	235	BDL	9.3	1.0	13.0	1.0	1.0	41	9
2	Ghaggar at Bhankarpur	1295	SW 54	H/o Lab Patiala	81	470	515	531	458	76	16	294	83	21	287	BDL	10.7	1.0	15.0	1.3	1.1	86	37
3	Ghaggar at Chattbir	1698	SW 55	H/o Lab Patiala	83	500	473	543	463	80	19	304	85	22	292	BDL	11.2	1.1	15.7	1.3	1.2	90	40
4	Ghaggar at U/s Jharmal Nadi	1702	SW 56	H/o Lab Patiala	56	400	338	411	351	49	11	200	52	17	271	BDL	12.1	1.2	16.9	1.2	1.1	61	27
5	Ghaggar at D/s Jharmal Nadi	1701	SW 57	H/o Lab Patiala	74	440	393	499	427	76	19	271	77	19	277	BDL	12.3	1.3	17.2	1.2	1.2	81	31
6	Ghaggar at U/s Dhakanshu Nallah	1699	SW 59	H/o Lab Patiala	58	380	345	413	353	54	13	214	56	18	248	BDL	12.1	1.1	16.9	1.2	1.0	68	24
7	Ghaggar at D/s Dhakanshu Nallah	1700	SW 60	H/o Lab Patiala	76	450	382	551	471	86	24	305	84	23	294	BDL	12.4	1.4	17.4	1.3	1.3	90	35
8	Ghaggar at Rattanheri	1473	SW 69	H/o Lab Patiala	80	300	251	597	510	89	31	361	90	33	306	BDL	12.7	1.5	17.8	1.3	1.3	96	42
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	SW 70	H/o Lab Patiala	78	290	243	577	493	84	27	341	87	30	300	BDL	12.6	1.4	17.6	1.3	1.2	93	39
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	SW 71	H/o Lab Patiala	89	340	258	654	558	100	35	403	102	36	324	BDL	12.5	1.7	17.5	1.4	1.3	107	46
11	Ghaggar at Khanauri	1024	SW 74	H/o Lab Patiala	83	330	263	613	523	90	32	369	93	33	310	BDL	12.6	1.5	17.6	1.3	1.3	100	43
12	Ghaggar at Moonak	1703	SW 76	H/o Lab Patiala	90	360	298	688	506	103	40	446	106	44	331	BDL	12.9	1.9	18.1	1.4	1.4	113	49
13	Ghaggar at U/s Sardulgarh	1705	SW 66	H/o Lab Patiala	37	60	45	263	224	28	9	97	27	7	211	BDL	12.0	1.0	16.8	1.1	1.0	26	11
14	Ghaggar at D/s Sardulgarh	1704	SW 67	H/o Lab Patiala	46	70	64	371	319	44	16	194	51	16	253	BDL	12.8	1.1	17.9	1.1	1.0	45	17

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	19.8.2024	SW 77	H.O. Lab Patiala	7.9	1.8	61	2275	280000	94000	0.42	3.97	1.18	E
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	19.8.2024	SW 78	H.O. Lab Patiala	7.8	1.6	57	1971	170000	70000	0.51	3.48	1.17	E
3	Point Source B/N	2914	12.08.2024	SW 203	ZO Lab LDH	7.0	BDL	75	1254	22,00,000	7,00,000	BDL	4.05	0.56	E
4	Kali Bein into Beas	2913	07/08/24	172	ZO Lab, Jal	7.5	3.1	2.1	366	3900	1200	0.022	1.38	0.46	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	14/08/24	191	ZO Lab, Jal	7.2	BDL	120	1617	1400000	940000	0.150	3.44	0.29	E
7	Hundiara drain before entering Pakistan	2907	14/08/24	192	ZO Lab, Jal	7.4	BDL	88	1156	940000	330000	0.180	2.74	0.46	E
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected												
9	Ranjit Sagar Reservoir	2912	09-08/24	173	ZO Lab, Jal	7.5	8.5	1	219	63	21	BDL	0.29	0.10	B
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	7.8.2024	SW 58	H.O. Lab Patiala	7.5	BDL	42	975	94000	17000	0.25	3.92	0.73	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	16.8.2024	SW 72	H.O. Lab Patiala	7.7	BDL	28	871	28000	7000	0.32	1.89	0.80	E
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	7.8.2024	SW 65	H.O. Lab Patiala	7.9	BDL	84	2583	280000	110000	0.76	4.08	1.63	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	09.08.2024	SW 197	ZO Lab LDH	7.3	8.0	BDL	354	1400	330	BDL	0.35	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

Analysis results of Surface water monitoring under NWMP for the month of August, 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 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	19.8.2024	SW 77	H.O. Lab Patiala	215	270	251	1481	1263	223	90	1105	210	141	492	BDL	9.4	3.0	13.2	3.7	3.5	303	143
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	19.8.2024	SW 78	H.O. Lab Patiala	187	200	235	1283	1093	92	108	940	200	107	331	BDL	14.7	2.8	20.6	3.4	3.1	245	267
3	Point Source B/N	2914	12.08.2024	SW 203	ZO Lab LDH	264	180	336	850	645	201	87	220	54.4	20.4	256	BDL	8.4	3.2	12.6	2.58	0.54	138	18
4	Kali Bein into Beas	2913	07/08/24	172	ZO Lab, Jal	13	22	18	230	172	13	11	144	37	13	156	BDL	1.1	0.64	1.6	0.29	0.26	38	7.1
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	14/08/24	191	ZO Lab, Jal	336	264	220	996	599	234	64	420	105	38	400	BDL	15	1.8	20	1.7	0.30	162	40
7	Hundiara drain before entering Pakistan	2907	14/08/24	192	ZO Lab, Jal	256	139	124	712	435	145	48	304	80	25	364	BDL	12	1.6	18	1.5	0.28	110	34
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	09-08/24	173	ZO Lab, Jal	8	34	29	131	106	12	9	120	30	11	82	BDL	BDL	0.27	BDL	BDL	0.14	7.2	2.8
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	7.8.2024	SW 58	H.O. Lab Patiala	133	190	190	638	547	74	17	271	67	25	327	BDL	12.3	2.7	17.2	3.3	2.8	148	62
11	Sagar Para Drain at village sagra dist.Patiala	4158	16.8.2024	SW 72	H.O. Lab Patiala	90	130	112	565	483	78	14	419	72	58	303	BDL	10.6	2.3	14.8	1.7	2.0	89	28
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	7.8.2024	SW 65	H.O. Lab Patiala	313	310	238	1681	1432	289	188	1298	315	124	428	BDL	16.9	4.1	23.7	4.6	4.8	338	96
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	09.08.2024	SW 197	ZO Lab LDH	BDL	180	136	212	186	31	42	118	31.2	9.7	100	BDL	BDL	1.5	BDL	BDL	BDL	8.8	1.5

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