

Analysis results of Surface water monitoring under NWMP for the month of March, 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 µs/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	05.03.24	SW 418	ZO Lab LDH	7.2	7.2	BDL	247	94	32	BDL	0.26	BDL	B
2	River River Sutlej at D/S NFL	1380	05.03.24	SW 419	ZO Lab LDH	8.4	8.8	BDL	272	120	32	BDL	0.31	BDL	B
3	River Sutlej at 100m D/s PACL Nangal	2915	05.03.24	SW 420	ZO Lab LDH	8.4	9.0	BDL	274	110	33	BDL	0.31	BDL	B
4	River River Sutlej at D/s Nangal	1018	05.03.24	SW 421	ZO Lab LDH	8.3	8.9	BDL	240	84	31	BDL	0.27	0.16	B
5	River River Sutlej at Kiratpur Sahib	1814	06.03.24	SW 428	ZO Lab LDH	8.4	9.2	BDL	274	210	94	BDL	0.31	0.17	B
6	Ropar Head-Works	1019	06.03.24	SW 431	ZO Lab LDH	7.9	8.1	BDL	366	920	380	BDL	0.48	0.15	C
7	River River Sutlej D/S of Rishab- Paper Mills	1293	06.03.24	SW 432	ZO Lab LDH	7.3	10.3	1.2	371	840	260	BDL	0.51	0.34	C
8	River River Sutlej U/S Buddha Nallah	1690	07.03.24	SW 438	ZO Lab LDH	7.4	8.1	2.6	409	1100	330	0.021	0.67	0.37	C
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	07.03.24	SW 440	ZO Lab LDH	7.4	2.6	33	864	14,00,000	4,90,000	0.100	2.45	0.90	E
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	11.03.24	SW 444	ZO Lab LDH	7.5	4.2	8.7	602	63,000	26,000	0.072	2.07	0.23	D
11	River River Sutlej at D/s East Bein	1381	11.03.24	SW 445	ZO Lab LDH	7.5	3.9	9.2	609	70,000	26,000	0.112	2.22	0.29	E
12	River Sutlej at Harike	1022	11.03.24	SW 446	ZO Lab LDH	7.8	5.0	2.6	398	3500	1700	0.049	1.00	0.21	C
13	Harike Lake D/S from canal	1382	14.3.24	617	ZO Lab, Jal	7.7	8.8	1.8	251	2700	930	0.027	1.00	0.29	C
14	D/S Harike lake	1297	14.3.24	616	ZO Lab, Jal	7.8	8.1	1.7	262	3300	1100	0.032	0.75	0.24	C
15	U/S Hussainiwala H/W Ferozepur	1691	20.03.24	SW 466	ZO Lab LDH	7.6	7.2	1.1	287	920	220	BDL	0.59	0.23	C
16	D/S Hussainiwala H/W Ferozepur	1692	20.03.24	SW 467	ZO Lab LDH	7.7	7.1	1.2	291	920	280	BDL	0.58	0.31	C

- 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.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	05.03.24	SW 418	ZO Lab LDH	BDL	2	BDL	148	130	11	35	128	33.6	10.7	60	BDL	BDL	2.5	BDL	BDL	0.18	6.7	2.1
2	River River Sutlej at D/S NFL	1380	05.03.24	SW 419	ZO Lab LDH	BDL	4	BDL	186	161	16	38	144	37.6	12.2	86	BDL	BDL	3.5	BDL	BDL	0.21	8.6	2.8
3	River Sutej at 100m D/s PACL Nangal	2915	05.03.24	SW 420	ZO Lab LDH	BDL	3	BDL	188	162	17	39	142	36	12.6	86	BDL	BDL	3.6	BDL	BDL	0.21	8.5	2.5
4	River River Sutlej atD/s Nangal	1018	05.03.24	SW 421	ZO Lab LDH	BDL	4	BDL	155	136	11	30	124	32	10.7	80	BDL	BDL	2.3	BDL	BDL	0.20	6.8	2.4
5	River River Sutlej at Kiratpur Sahib	1814	06.03.24	SW 428	ZO Lab LDH	BDL	9	BDL	189	164	10	39	124	32.8	10.2	90	BDL	BDL	1.4	BDL	BDL	0.19	8	2.9
6	Ropar Head-Works	1019	06.03.24	SW 431	ZO Lab LDH	BDL	60	49	238	204	15	44	140	36	12.2	104	BDL	BDL	2.0	BDL	BDL	0.22	13	3.4
7	River River Sutlej D/S of Rishab-Paper Mills	1293	06.03.24	SW 432	ZO Lab LDH	8	65	57	245	213	16	47	140	36.8	11.7	108	BDL	BDL	7.6	BDL	BDL	0.23	14	3
8	River River Sutlej U/S Buddha Nallah	1690	07.03.24	SW 438	ZO Lab LDH	20	45	37	265	212	29	54	150	39.2	12.6	114	BDL	1.4	2.5	1.9	0.31	0.24	19	4.3
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	07.03.24	SW 440	ZO Lab LDH	124	110	117	561	443	114	58	212	54.4	18.5	220	BDL	6.7	2.8	10.1	1.15	0.33	82	12
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	11.03.24	SW 444	ZO Lab LDH	58	50	63	391	326	81	47	186	48	16.0	146	BDL	3.6	2.8	5.2	0.54	0.27	65	8.2
11	River River Sutlej at D/s East Bein	1381	11.03.24	SW 445	ZO Lab LDH	62	65	97	408	323	84	51	194	50.4	16.5	154	BDL	5.6	2.7	7.4	0.88	0.30	71	8.7
12	River River Sutlej at Harike	1022	11.03.24	SW 446	ZO Lab LDH	24	40	42	251	204	31	39	128	33.6	10.7	122	BDL	1.4	1.7	2.0	0.27	0.21	26	5.5
13	Harike Lake D/S from canal	1382	14.3.24	617	ZO Lab, Jal	12	28	23	166	128	16	11	118	30	10	100	BDL	0.9	0.68	1.4	0.21	0.18	25	4.5
14	D/S Harike lake	1297	14.3.24	616	ZO Lab, Jal	13	33	25	167	124	17	12	120	31	10	102	BDL	0.9	0.71	1.3	0.23	0.19	19	3.9
15	U/S Hussainiwala H/W Ferozepur	1691	20.03.24	SW 466	ZO Lab LDH	10	16	21	184	162	13	24	106	28	8.7	110	BDL	BDL	1.6	BDL	BDL	0.18	14	4.5
16	D/S Hussainiwala H/W Ferozepur	1692	20.03.24	SW 467	ZO Lab LDH	11	18	24	185	160	14	26	110	28.8	9.2	106	BDL	BDL	1.7	BDL	BDL	0.19	14	4.6

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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 µs/Cm	T. Coli MPN/ 100ml	F. Coli MPN/ 100ml	Free Amm. mg/l	SAR	B mg/l	Quality of water as per DBU	Water Quality Index
17	River Beas at Talwara H/W	1693	07/03/2024	595	ZO Lab, Jal	7.8	7.8	1.2	253	94	32	0.039	0.28	BDL	B	S
18	River Beas at U/S Pathankot	1694	07/03/2024	597	ZO Lab, Jal	7.6	7.6	1.3	308	240	68	0.018	0.39	0.17	B	S
19	River Beas at D/S Pathankot	1695	07/03/2024	598	ZO Lab, Jal	7.6	7.5	1.1	287	280	84	0.018	0.36	0.23	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	07/03/2024	596	ZO Lab, Jal	7.6	7.6	1.3	320	200	45	0.023	0.40	0.10	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	13/03/2024	603	ZO Lab, Jal	8.0	8.3	1.5	289	380	170	0.040	0.46	0.48	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	13/03/2024	604	ZO Lab, Jal	8.0	8.4	1.2	278	330	140	0.030	0.41	0.24	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	13/03/2024	605	ZO Lab, Jal	7.5	8.2	1.3	247	340	170	0.014	0.54	0.21	B	S
24	River Beas at U/s Goindwal	1696	14/03/2024	613	ZO Lab, Jal	7.7	8.9	1.0	251	280	110	0.021	0.43	0.15	B	S
25	River Beas at D/s Goindwal	1012	14/03/2024	614	ZO Lab, Jal	7.7	8.9	1.2	258	330	140	0.018	0.49	0.22	B	S
26	Beas at Harike	1697	14/03/2024	615	ZO Lab, Jal	7.8	8.8	1.2	245	380	170	0.025	0.40	0.16	B	S

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	07/03/2024	ZO Lab, Jal	7	20	7	152	122	13	10	186	54	13	76	BDL	1.1	0.48	1.6	0.19	0.14	8.9	3.1
18	River Beas at U/S Pathankot	1694	07/03/2024	ZO Lab, Jal	8	22	8	174	140	12	14	150	41	12	142	BDL	0.7	0.72	1.6	0.18	0.15	11	3.1
19	River Beas at D/S Pathankot	1695	07/03/2024	ZO Lab, Jal	10	24	7	172	138	9	9	144	42	9	148	BDL	0.7	0.65	1.5	0.16	0.18	10	3.2
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	07/03/2024	ZO Lab, Jal	6	18	8	178	142	15	14	154	40	13	132	BDL	0.9	0.68	1.5	0.20	0.15	11.5	3.0
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	13/03/2024	ZO Lab, Jal	14	35	8	188	146	15	14	178	54	10	122	BDL	0.8	0.65	1.7	0.24	0.16	14	4.1
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	13/03/2024	ZO Lab, Jal	12	32	9	178	138	14	11	164	54	7	188	BDL	0.6	0.70	1.4	0.22	0.18	12	3.9
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	13/03/2024	ZO Lab, Jal	8	28	8	154	124	12	13	110	36	5	117	BDL	0.7	0.68	1.5	0.18	0.17	13	3.6
24	River Beas at U/s Goindwal	1696	14/03/2024	ZO Lab, Jal	7	25	7	159	129	11	10	104	33	5	98	BDL	0.7	0.50	1.3	0.19	0.17	10	3.4
25	River Beas at D/s Goindwal	1012	14/03/2024	ZO Lab, Jal	9	20	6	152	118	14	12	112	32	8	109	BDL	0.6	0.58	1.3	0.19	0.14	12	3.2
26	Beas at Harike	1697	14/03/2024	ZO Lab, Jal	8	18	10	148	124	16	14	116	34	7	104	BDL	0.7	0.60	1.4	0.20	0.16	10	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	07/03/2024	594	ZO Lab, Jal	7.5	8.4	1.1	202	79	22	BDL	0.30	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 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	07/03/2024	594	ZO Lab, Jal	8	15	BDL	110	88	6	5	96	24	9	82	BDL	BDL	0.54	BDL	BDL	0.13	6.8	2.1

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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	6.3.2024	SW 2942	H/o Lab Patiala	7.1	6.6	8	531	21000	2100	2.06	0.05	0.46	D
2	Ghaggar at Bhankarpur	1295	6.3.2024	SW 2943	H/o Lab Patiala	7.8	3.8	13	851	24000	3400	2.19	0.39	0.69	E
3	Ghaggar at Chattbir	1698	6.3.2024	SW 2944	H/o Lab Patiala	7.3	3.8	13	877	24000	3400	2.17	0.12	0.70	E
4	Ghaggar at U/s Jharmal Nadi	1702	6.3.2024	SW 2945	H/o Lab Patiala	7.7	4.0	9	651	22000	2600	1.84	0.36	0.52	D
5	Ghaggar at D/s Jharmal Nadi	1701	6.3.2024	SW 2946	H/o Lab Patiala	7.6	3.7	16	787	28000	3200	2.09	0.30	0.68	E
6	Ghaggar at U/s Dhakanshu Nallah	1699	6.3.2024	SW 2948	H/o Lab Patiala	7.7	3.6	13	693	24000	2700	1.89	0.35	0.60	E
7	Ghaggar at D/s Dhakanshu Nallah	1700	6.3.2024	SW 2944	H/o Lab Patiala	7.7	2.7	16	875	28000	3300	2.25	0.37	0.77	E
8	Ghaggar at Rattanheri	1473	5.3.2024	SW 2934	H/o Lab Patiala	7.6	3.0	17	931	28000	3800	2.32	0.25	0.79	E
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	5.3.2024	SW 2935	H/o Lab Patiala	7.6	3.2	14	875	28000	3300	2.23	0.24	0.74	E
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	5.3.2024	SW 2936	H/o Lab Patiala	7.8	3.0	18	989	28000	3900	2.40	0.41	0.80	E
11	Ghaggar at Khanauri	1024	5.3.2024	SW 2939	H/o Lab Patiala	7.7	2.9	16	951	28000	3800	2.20	0.38	0.81	E
12	Ghaggar at Moonak	1703	5.3.2024	SW 2941	H/o Lab Patiala	7.6	2.7	20	1041	35000	4600	2.23	0.26	0.85	E
13	Ghaggar at U/s Sardulgarh	1705	1.3.2024	SW 2929	H/o Lab Patiala	7.5	5.7	9	493	21000	2100	1.52	0.14	0.35	D
14	Ghaggar at D/s Sardulgarh	1704	1.3.2024	SW 2930	H/o Lab Patiala	7.7	4.5	11	610	22000	2600	1.89	0.30	0.51	D

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1	Ghaggar at Mubarikpur Rest House	1023	SW 2942	H/o Lab Patiala	44	470	436	347	297	38	9	150	42	11	246	BDL	9.4	1.0	13.2	1.2	0.7	58	10
2	Ghaggar at Bhankarpur	1295	SW 2943	H/o Lab Patiala	70	430	280	553	472	87	15	322	89	24	291	BDL	11.0	1.2	15.4	1.1	1.2	90	40
3	Ghaggar at Chattbir	1698	SW 2944	H/o Lab Patiala	68	460	341	560	484	90	19	335	91	26	298	BDL	12.3	1.4	17.2	1.2	1.2	91	43
4	Ghaggar at U/s Jharmal Nadi	1702	SW 2945	H/o Lab Patiala	51	370	224	423	361	52	13	202	56	15	275	BDL	11.9	1.2	16.7	1.2	1.3	60	31
5	Ghaggar at D/s Jharmal Nadi	1701	SW 2946	H/o Lab Patiala	77	410	400	510	435	80	18	277	81	18	283	BDL	12.0	1.3	16.8	1.3	1.3	80	32
6	Ghaggar at U/s Dhakanshu Nallah	1699	SW 2948	H/o Lab Patiala	58	290	268	451	384	59	19	224	63	16	264	BDL	11.6	1.1	16.2	1.2	1.2	65	28
7	Ghaggar at D/s Dhakanshu Nallah	1700	SW 2944	H/o Lab Patiala	76	390	365	569	485	86	24	325	87	26	301	BDL	12.2	1.3	17.1	1.4	1.4	93	40
8	Ghaggar at Rattanheri	1473	SW 2934	H/o Lab Patiala	78	300	296	608	519	94	27	345	95	26	310	BDL	12.4	2.1	20.2	2.4	1.9	99	47
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	SW 2935	H/o Lab Patiala	70	290	286	571	487	86	24	323	91	23	298	BDL	12.0	2.0	16.8	2.2	1.9	92	42
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	SW 2936	H/o Lab Patiala	86	340	332	643	549	97	32	371	99	30	327	BDL	11.8	2.3	16.5	2.4	2.0	106	49
11	Ghaggar at Khanauri	1024	SW 2939	H/o Lab Patiala	86	370	334	619	527	94	29	378	95	34	309	BDL	12.5	2.2	17.5	2.3	2.3	98	51
12	Ghaggar at Moonak	1703	SW 2941	H/o Lab Patiala	92	430	432	678	577	98	33	437	107	41	338	BDL	12.9	2.4	18.1	2.5	2.6	107	53
13	Ghaggar at U/s Sardulgarh	1705	SW 2929	H/o Lab Patiala	45	110	52	321	275	37	9	139	39	10	224	BDL	9.1	0.9	12.7	1.1	1.0	41	21
14	Ghaggar at D/s Sardulgarh	1704	SW 2930	H/o Lab Patiala	52	140	59	397	340	43	15	173	46	14	273	BDL	10.0	1.1	14.0	1.3	1.0	57	26

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	4.6.2024	SW 2931	H.O. Lab Patiala	7.6	BDL	108	3881	350000	110000	0.23	5.37	1.28	E
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	4.6.2024	SW 2932	H.O. Lab Patiala	7.6	BDL	73	2708	280000	94000	0.51	3.80	1.25	E
3	Point Source B/N	2914	07.03.24	SW 439	ZO Lab LDH	7.3	BDL	175	1546	79,00,000	27,00,000	0.162	5.07	1.01	E
4	Kali Bein into Beas	2913	18/03/2024	SW 623	ZO Lab, Jal	7.4	8.4	2.6	333	2000	610	0.017	0.98	0.55	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	04/03/2024	SW 591	ZO Lab, Jal	7.1	BDL	144	2036	430000	210000	0.016	5.56	0.48	E
7	Hundiara drain before entering Pakistan	2907	04/03/2024	SW 592	ZO Lab, Jal	7.1	BDL	88	1411	220000	94000	0.014	4.94	0.41	E
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected												
9	Ranjit Sagar Reservoir	2912	07/03/2024	SW593	ZO Lab, Jal	7.5	8.6	1	204	84	26	BDL	0.23	BDL	B
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	6.3.2024	SW 2950	H.O. Lab Patiala	7.3	BDL	33	1851	120000	26000	0.12	2.39	1.21	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	5.3.2024	SW 2937	H.O. Lab Patiala	7.8	BDL	27	1453	43000	11000	0.40	2.14	1.01	E
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	6.3.2024	SW 2954	H.O. Lab Patiala	7.3	BDL	103	3448	350000	120000	0.24	4.37	1.82	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	06.03.24	SW 430	ZO Lab LDH	7.6	9.1	1.6	475	540	220	0.020	0.99	0.28	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 March, 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	4.6.2024	SW 2931	H.O. Lab Patiala	340	400	382	2527	2151	410	149	1768	381	198	824	BDL	9.3	4.0	13.0	5.2	4.1	519	213
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	4.6.2024	SW 2932	H.O. Lab Patiala	248	410	346	1761	1499	243	153	1401	277	172	478	BDL	20.4	4.2	28.6	5.3	4.3	327	343
3	Point Source B/N	2914	07.03.24	SW 439	ZO Lab LDH	548	190	424	1013	756	242	74	300	77.6	25.8	380	BDL	16.2	5.2	24	4.89	0.47	202	26
4	Kali Bein into Beas	2913	18/03/2024	SW 623	ZO Lab, Jal	20	30	22	208	148	17	14	132	33	12	130	BDL	1.1	0.82	1.6	0.25	0.24	26	6.1
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	04/03/2024	591	ZO Lab, Jal	386	431	450	1169	713	176	68	398	90	42	525	BDL	24	3	38	2.3	0.55	255	38
7	Hundiara drain before entering Pakistan	2907	04/03/2024	592	ZO Lab, Jal	212	248	222	868	554	118	54	280	67	27	456	BDL	14	2.7	20	2.2	0.51	190	44
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	07/03/2024	SW593	ZO Lab, Jal	7	13	BDL	108	84	8	6	94	23	9	76	BDL	BDL	0.42	BDL	BDL	0.11	5.2	2.3
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	6.3.2024	SW 2950	H.O. Lab Patiala	120	290	263	1202	1024	169	112	1085	238	119	348	BDL	12.0	4.2	16.8	3.3	4.0	181	119
11	Sagar Para Drain at village sagra dist.Patiala	4158	5.3.2024	SW 2937	H.O. Lab Patiala	93	260	237	945	806	121	101	790	158	96	338	BDL	11.3	2.7	15.8	3.2	3.1	138	83
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	6.3.2024	SW 2954	H.O. Lab Patiala	126	410	370	2243	1910	373	268	1780	404	187	468	BDL	23.7	6.1	33.2	6.8	7.9	424	173
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	06.03.24	SW 430	ZO Lab LDH	12	120	64	328	287	34	52	186	48	16.0	132	BDL	0.8	9.6	1.6	BDL	0.26	31	3.9

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