

## Analysis results of Surface water monitoring under NWMP for the month of January, 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	10.01.24	SW 319	ZO Lab LDH	8.0	8.3	BDL	223	70	17	BDL	0.19	BDL	B
2	River River Sutlej at D/S NFL	1380	10.01.24	SW 320	ZO Lab LDH	8.1	10.2	BDL	251	94	17	BDL	0.29	BDL	B
3	River Sutlej at 100m D/s PACL Nangal	2915	10.01.24	SW 321	ZO Lab LDH	8.1	10.3	BDL	250	94	21	BDL	0.29	BDL	B
4	River River Sutlej at D/s Nangal	1018	10.01.24	SW 322	ZO Lab LDH	7.9	10.0	BDL	255	84	26	BDL	0.30	0.26	B
5	River River Sutlej at Kiratpur Sahib	1814	11.01.24	SW 325	ZO Lab LDH	8.1	8.8	BDL	278	150	26	BDL	0.33	0.35	B
6	Ropar Head-Works	1019	11.01.24	SW 328	ZO Lab LDH	8.3	8.0	BDL	312	540	140	BDL	0.39	0.18	C
7	River River Sutlej D/S of Rishab- Paper Mills	1293	11.01.24	SW 329	ZO Lab LDH	7.8	7.9	1.2	345	920	170	BDL	0.41	0.29	C
8	River River Sutlej U/S Buddha Nallah	1690	12.01.24	SW 333	ZO Lab LDH	8.0	8.8	1.2	410	1100	260	0.050	0.89	0.26	C
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	12.01.24	SW 335	ZO Lab LDH	7.7	2.4	58	937	5,40,000	1,40,000	0.168	4.27	0.64	E
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	15.01.24	SW 337	ZO Lab LDH /HO Lab PAT	7.6	3.4	23	785	2,40,000	79,000	0.090	3.34	0.33	E
11	River River Sutlej at D/s East Bein	1381	15.01.24	SW 339	ZO Lab LDH /HO Lab PAT	7.5	3.0	35	816	2,80,000	79,000	0.096	3.49	0.41	E
12	River Sutlej at Harike	1022	15.01.24	SW 340	ZO Lab LDH /HO Lab PAT	7.7	8.4	3.2	347	5400	2200	0.024	0.79	0.30	D
13	Harike Lake D/S from canal	1382	22/01/2024	545	ZO Lab, Jal	8.0	8.9	2.1	306	2100	780	0.050	0.67	0.28	C
14	D/S Harike lake	1297	22/01/2024	544	ZO Lab, Jal	7.8	8.2	2	332	2700	1100	0.035	0.76	0.21	C
15	U/S Hussainiwala H/W Ferozepur	1691	15.01.24	SW 341	ZO Lab LDH /HO Lab PAT	7.7	8.2	BDL	358	940	390	BDL	0.91	0.24	C
16	D/S Hussainiwala H/W Ferozepur	1692	15.01.24	SW 342	ZO Lab LDH /HO Lab PAT	7.6	8.2	BDL	352	940	320	BDL	0.93	0.38	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.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	10.01.24	SW 319	ZO Lab LDH	BDL	3	BDL	135	119	6	29	110	28	9.7	72	BDL	BDL	1.8	BDL	BDL	0.17	4.6	2.1
2	River River Sutlej at D/S NFL	1380	10.01.24	SW 320	ZO Lab LDH	BDL	2	BDL	153	135	7	35	116	29.6	10.2	82	BDL	BDL	2.8	BDL	BDL	0.19	7.1	2.2
3	River Sutej at 100m D/s PACL Nangal	2915	10.01.24	SW 321	ZO Lab LDH	BDL	4	BDL	152	134	7	34	116	29.6	10.2	82	BDL	BDL	2.8	BDL	BDL	0.19	7.2	2.2
4	River River Sutlej atD/s Nangal	1018	10.01.24	SW 322	ZO Lab LDH	BDL	6	BDL	156	137	8	35	122	31.2	10.7	80	BDL	BDL	3.8	BDL	BDL	0.18	7.6	2.2
5	River River Sutlej at Kiratpur Sahib	1814	11.01.24	SW 325	ZO Lab LDH	BDL	9	BDL	168	148	9	26	120	32.8	9.2	96	BDL	BDL	1.9	BDL	BDL	0.15	8.2	3.1
6	Ropar Head-Works	1019	11.01.24	SW 328	ZO Lab LDH	BDL	15	16	190	163	13	32	122	33.6	9.2	112	BDL	BDL	2	BDL	BDL	0.17	9.9	3.6
7	River River Sutlej D/S of Rishab-Paper Mills	1293	11.01.24	SW 329	ZO Lab LDH	6	19	15	211	182	29	24	136	36.8	10.7	118	BDL	BDL	2.4	BDL	BDL	0.18	11	4.1
8	River River Sutlej U/S Buddha Nallah	1690	12.01.24	SW 333	ZO Lab LDH	8	55	34	260	218	30	27	160	44.8	11.7	134	BDL	1.0	3.7	1.8	0.60	0.18	25.8	5.5
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	12.01.24	SW 335	ZO Lab LDH	212	140	196	603	485	130	45	212	55.2	18.0	220	BDL	5.6	4	7.8	2.4	0.29	143	16.4
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	15.01.24	SW 337	ZO Lab LDH	98	90	102	497	408	91	42	194	52	15.6	202	BDL	3.6	4	5.6	0.71	0.20	107	12
11	River River Sutlej at D/s East Bein	1381	15.01.24	SW 339	ZO Lab LDH	114	100	110	527	435	102	46	202	53.6	16.5	210	BDL	4.8	3.6	6.5	0.80	0.30	114	14.2
12	River River Sutlej at Harike	1022	15.01.24	SW 340	ZO Lab LDH	26	85	46	215	182	36	27	110	29.6	8.7	114	BDL	0.8	3	1.5	0.45	0.18	19	4.9
13	Harike Lake D/S from canal	1382	22/01/2024	545	ZO Lab, Jal	14	36	34	162	125	15	12	136	34	12	96	BDL	1.0	0.74	1.6	0.2	0.18	18	3.9
14	D/S Harike lake	1297	22/01/2024	544	ZO Lab, Jal	15	40	37	171	136	14	12	132	32	13	102	BDL	1.0	0.76	1.7	0.19	0.17	20	4.7
15	U/S Hussainiwala H/W Ferozepur	1691	15.01.24	SW 341	ZO Lab LDH	BDL	32	19	233	195	34	23	120	32	9.7	116	BDL	BDL	3.2	BDL	0.39	0.17	23	4.8
16	D/S Hussainiwala H/W Ferozepur	1692	15.01.24	SW 342	ZO Lab LDH	BDL	34	18	224	192	32	23	118	32	9.2	108	BDL	BDL	3.2	BDL	0.39	0.17	23.2	4.7

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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	Water Quality Index
17	River Beas at Talwara H/W	1693	15/01/2024	532	ZO Lab, Jal	7.8	7.8	1.2	226	70	21	0.039	0.31	BDL	B	S
18	River Beas at U/S Pathankot	1694	15/01/2024	534	ZO Lab, Jal	7.8	7.8	1.1	283	170	46	0.025	0.33	0.18	B	S
19	River Beas at D/S Pathankot	1695	15/01/2024	535	ZO Lab, Jal	7.8	7.6	1.0	298	210	63	0.028	0.46	0.24	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	15/01/2024	533	ZO Lab, Jal	7.9	7.7	1.2	312	140	39	0.041	0.40	0.15	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	18/01/2024	536	ZO Lab, Jal	8.0	8.2	1.1	284	280	110	0.050	0.51	0.40	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	18/01/2024	537	ZO Lab, Jal	7.5	8.2	1.0	242	220	70	0.012	0.41	0.19	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	18/01/2024	538	ZO Lab, Jal	7.8	8.3	1.2	250	280	140	0.025	0.39	0.29	B	S
24	River Beas at U/s Goindwal	1696	22/01/2024	541	ZO Lab, Jal	7.9	8.8	1.0	238	250	110	0.027	0.59	0.18	B	S
25	River Beas at D/s Goindwal	1012	22/01/2024	542	ZO Lab, Jal	8.0	8.6	1.1	246	260	140	0.035	0.44	0.21	B	S
26	Beas at Harike	1697	22/01/2024	543	ZO Lab, Jal	8.0	8.7	1.1	239	310	170	0.045	0.42	0.15	B	S

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17	River Beas at Talwara H/W	1693	15/01/2024	ZO Lab, Jal	12	54	28	142	106	14	10	136	38	10	95	BDL	1.1	0.72	1.8	0.13	0.18	8.4	2.7
18	River Beas at U/S Pathankot	1694	15/01/2024	ZO Lab, Jal	9	45	32	178	145	11	14	136	43	7	109	BDL	0.7	0.85	1.6	0.15	0.17	8.8	3.1
19	River Beas at D/S Pathankot	1695	15/01/2024	ZO Lab, Jal	9	50	33	175	142	10	10	130	34	11	115	BDL	0.8	0.78	1.4	0.17	0.15	12	3.4
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	15/01/2024	ZO Lab, Jal	10	48	20	182	146	16	15	142	38	11	98	BDL	0.9	0.68	1.6	0.18	0.19	11.0	3.2
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	18/01/2024	ZO Lab, Jal	11	40	37	172	140	12	9	144	39	11	123	BDL	1.0	0.64	1.7	0.15	0.16	14	3.3
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	18/01/2024	ZO Lab, Jal	10	45	32	153	125	15	8	136	39	9	106	BDL	0.6	0.67	1.3	0.16	0.19	11	3.1
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	18/01/2024	ZO Lab, Jal	14	48	17	156	118	14	15	124	36	8	102	BDL	0.7	0.94	1.7	0.21	0.22	10	3.2
24	River Beas at U/s Goindwal	1696	22/01/2024	ZO Lab, Jal	10	36	22	139	108	16	10	108	30	8	94	BDL	0.6	0.64	1.3	0.13	0.14	14	3.1
25	River Beas at D/s Goindwal	1012	22/01/2024	ZO Lab, Jal	12	48	37	145	115	10	14	116	30	10	98	BDL	0.7	0.68	1.6	0.15	0.17	11	3.3
26	Beas at Harike	1697	22/01/2024	ZO Lab, Jal	11	52	31	148	118	14	13	132	31	13	102	BDL	0.9	0.62	1.6	0.16	0.15	11	3.1

Note. 1. BDL means Below Method Detection Limit

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## Analysis results of Surface water monitoring under NWMP for the month of January, 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	15/01/2024	531	ZO Lab, Jal	7.6	8.7	1	205	79	14	BDL	0.19	BDL	B

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27	Ravi at U/s of Madhopur H/W	1097	15/01/2024	531	ZO Lab, Jal	8	7	BDL	130	103	9	6	107	28	9	82	BDL	BDL	0.64	BDL	BDL	0.15	4.6	3.1

## Analysis results of Surface water monitoring under NWMP for the month of January, 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	2.1.2024	SW 2686	H/o Lab Patiala	7.5	5.8	8	521	21000	1700	2.09	0.20	0.47	D
2	Ghaggar at Bhankarpur	1295	2.1.2024	SW 2687	H/o Lab Patiala	7.4	3.7	13	815	22000	2600	2.06	0.17	0.65	E
3	Ghaggar at Chattbir	1698	2.1.2024	SW 2688	H/o Lab Patiala	7.4	3.8	17	852	24000	2700	2.06	0.19	0.67	E
4	Ghaggar at U/s Jharmal Nadi	1702	2.1.2024	SW 2689	H/o Lab Patiala	7.5	4.0	12	651	21000	2100	1.90	0.23	0.52	D
5	Ghaggar at D/s Jharmal Nadi	1701	2.1.2024	SW 2690	H/o Lab Patiala	7.5	3.5	13	753	24000	2700	2.07	0.25	0.63	E
6	Ghaggar at U/s Dhakanshu Nallah	1699	2.1.2024	SW 2692	H/o Lab Patiala	7.4	3.7	12	658	22000	2600	1.83	0.18	0.59	E
7	Ghaggar at D/s Dhakanshu Nallah	1700	2.1.2024	SW 2693	H/o Lab Patiala	7.3	3.4	14	857	28000	3400	2.25	0.13	0.76	E
8	Ghaggar at Rattanheri	1473	4.1.2024	SW 2745	H/o Lab Patiala	7.4	3.2	19	915	28000	3800	2.26	0.20	0.81	E
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	4.1.2024	SW 2746	H/o Lab Patiala	7.5	3.3	17	851	28000	3800	1.96	0.27	0.78	E
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	4.1.2024	SW 2747	H/o Lab Patiala	7.5	3.0	22	992	28000	4600	2.24	0.25	0.83	E
11	Ghaggar at Khanauri	1024	4.1.2024	SW 2750	H/o Lab Patiala	7.6	3.3	20	951	28000	4600	2.04	0.33	0.80	E
12	Ghaggar at Moonak	1703	4.1.2024	SW 2752	H/o Lab Patiala	7.6	3.0	24	1018	35000	6300	2.17	0.35	0.86	E
13	Ghaggar at U/s Sardulgarh	1705	9.1.2024	SW 2753	H/o Lab Patiala	7.7	5.3	9	510	21000	1700	1.43	0.29	0.38	D
14	Ghaggar at D/s Sardulgarh	1704	9.1.2024	SW 2754	H/o Lab Patiala	7.8	6.7	11	617	21000	2100	1.84	0.38	0.50	D

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1	Ghaggar at Mubarikpur Rest House	1023	2.1.2024	SW 2686	H/o Lab Patiala	41	430	411	337	288	37	8	145	40	11	238	BDL	10.1	1.0	14.1	1.2	1.0	58	11
2	Ghaggar at Bhankarpur	1295	2.1.2024	SW 2687	H/o Lab Patiala	74	470	424	531	455	82	16	299	85	21	284	BDL	11.6	1.2	16.2	1.4	1.3	82	40
3	Ghaggar at Chattbir	1698	2.1.2024	SW 2688	H/o Lab Patiala	80	450	439	553	472	86	20	324	90	24	291	BDL	12.4	1.4	17.4	1.4	1.2	85	42
4	Ghaggar at U/s Jharmal Nadi	1702	2.1.2024	SW 2689	H/o Lab Patiala	57	370	361	423	362	58	14	202	56	15	262	BDL	11.7	1.3	16.4	1.4	1.3	62	29
5	Ghaggar at D/s Jharmal Nadi	1701	2.1.2024	SW 2690	H/o Lab Patiala	71	390	390	491	421	78	17	282	80	20	277	BDL	12.4	1.3	17.4	1.5	1.4	80	31
6	Ghaggar at U/s Dhakanshu Nallah	1699	2.1.2024	SW 2692	H/o Lab Patiala	60	240	283	427	365	50	16	224	63	16	258	BDL	12.3	1.3	17.2	1.4	1.4	63	28
7	Ghaggar at D/s Dhakanshu Nallah	1700	2.1.2024	SW 2693	H/o Lab Patiala	76	360	312	559	478	86	21	309	84	24	292	BDL	12.6	1.5	17.6	1.6	1.3	91	43
8	Ghaggar at Rattanheri	1473	4.1.2024	SW 2745	H/o Lab Patiala	82	330	338	597	510	92	29	356	98	27	288	BDL	13.6	2.1	19.0	2.5	1.8	98	45
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	4.1.2024	SW 2746	H/o Lab Patiala	77	310	319	553	473	86	25	340	93	26	277	BDL	13.3	2.0	18.6	2.4	1.6	83	41
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	4.1.2024	SW 2747	H/o Lab Patiala	85	350	343	695	551	97	33	409	101	38	310	BDL	12.6	2.5	17.6	2.7	1.9	100	56
11	Ghaggar at Khanauri	1024	4.1.2024	SW 2750	H/o Lab Patiala	81	350	340	621	531	93	29	409	96	41	298	BDL	13.2	2.4	18.5	2.2	2.6	95	52
12	Ghaggar at Moonak	1703	4.1.2024	SW 2752	H/o Lab Patiala	91	390	365	661	563	98	31	437	104	43	319	BDL	13.8	2.5	19.3	2.3	2.6	104	57
13	Ghaggar at U/s Sardulgarh	1705	9.1.2024	SW 2753	H/o Lab Patiala	45	30	42	331	283	39	10	148	41	11	235	BDL	9.7	1.0	13.6	1.4	1.0	40	21
14	Ghaggar at D/s Sardulgarh	1704	9.1.2024	SW 2754	H/o Lab Patiala	60	40	55	399	341	43	16	182	48	15	267	BDL	10.9	1.2	15.3	1.5	1.2	57	29

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	10.1.2024	SW 2755	H.O. Lab Patiala	7.7	BDL	129	4021	350000	110000	0.28	5.86	1.09	E
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	10.1.2024	SW 2756	H.O. Lab Patiala	7.6	BDL	83	2891	350000	94000	0.62	3.37	1.12	E
3	Point Source B/N	2914	12.01.24	SW 334	ZO Lab Ldh	7.7	BDL	110	1430	28,00,000	11,00,000	0.447	7.17	0.96	E
4	Kali Bein into Beas	2913	11/01/2024	529	ZO Lab, Jal	7.3	3.6	3	391	2300	780	0.011	0.86	0.47	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	22/01/2024	547	ZO Lab, Jal	7.2	BDL	220	1719	3,10,000	2,30,000	0.200	4.66	0.50	E
7	Hundiara drain before entering Pakistan	2907	22/01/2024	548	ZO Lab, Jal	7.4	BDL	108	1647	1,10,000	70,000	0.240	4.43	0.52	E
8	Pathlawa Drain	2911	<b>Drain was found dried, hence sample could not be collected</b>												
9	Ranjit Sagar Reservoir	2912	15/01/2024	530	ZO Lab, Jal	7.6	8.8	BDL	203	70	17	BDL	0.17	BDL	B
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	2.1.2024	SW 2757	H.O. Lab Patiala	7.8	1.5	58	1851	170000	70000	0.43	2.25	1.32	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	4.1.2024	SW 2748	H.O. Lab Patiala	7.7	BDL	30	1521	350000	6300	0.33	2.06	0.91	E
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	2.1.2024	SW 2698	H.O. Lab Patiala	7.3	BDL	101	3145	350000	120000	0.26	4.04	1.61	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	11.01.24	SW 327	ZO Lab LDH	8.0	8.1	BDL	425	350	110	BDL	0.92	0.23	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 January, 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> P mg/l	F mg/l	Na mg/l	K mg/l
1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	10.1.2024	SW 2755	H.O. Lab Patiala	391	410	372	2615	2226	423	198	1805	391	201	819	BDL	9.2	4.0	12.9	5.1	4.2	572	219
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	10.1.2024	SW 2756	H.O. Lab Patiala	272	400	383	1875	1598	261	172	1436	281	178	476	BDL	24.9	4.6	34.9	7.1	5.6	293	310
3	Point Source B/N	2914	12.01.24	SW 334	ZO Lab Ldh	352	170	368	1054	796	330	61	288	65.6	30.1	308	BDL	14.9	4.5	20.2	6.2	0.41	280	31
4	Kali Bein into Beas	2913	11/01/2024	529	ZO Lab, Jal	20	21	25	211	160	13	12	172	41	17	115	BDL	1.1	1.0	1.7	0.23	0.22	26	6.4
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	22/01/2024	547	ZO Lab, Jal	528	262	251	1088	680	194	80	414	102	38	486	BDL	20	3.4	30	2.2	0.62	218	31
7	Hundiara drain before entering Pakistan	2907	22/01/2024	548	ZO Lab, Jal	384	312	345	925	596	121	72	366	93	33	424	BDL	16	3.0	24	1.7	0.44	195	32
8	Pathlawa Drain	2911	<b>Drain was found dried, hence sample could not be collected</b>																					
9	Ranjit Sagar Reservoir	2912	15/01/2024	530	ZO Lab, Jal	5	6	BDL	112	88	7	5	102	25	10	72	BDL	BDL	0.61	BDL	BDL	0.13	3.9	2.1
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	2.1.2024	SW 2757	H.O. Lab Patiala	165	100	108	1203	1025	173	126	1104	229	129	325	BDL	12.3	4.3	17.2	4.4	5.0	172	124
11	Sagar Para Drain at village sagra dist.Patiala	4158	4.1.2024	SW 2748	H.O. Lab Patiala	91	90	113	991	845	129	119	889	189	101	309	BDL	11.1	2.8	15.5	3.0	4.1	141	82
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	2.1.2024	SW 2698	H.O. Lab Patiala	311	330	335	2045	1741	338	228	1835	411	196	413	BDL	26.1	5.3	36.5	6.9	7.3	398	157
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	11.01.24	SW 327	ZO Lab LDH	BDL	22	18	257	218	26	38	152	40	12.6	126	BDL	BDL	2.8	BDL	BDL	0.20	26	5.2

**Note. 1. BDL means Below Method Detection Limit**

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