

Analysis results of Surface water monitoring under NWMP for the month of August, 2022

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	Water Quality Index
1	River River Sutlej at U/S Nangal	1017	08.08.2022	SW 227	ZO Lab LDH	7.9	8.8	BDL	207	140	45	BDL	0.14	BDL	B	S
2	River River Sutlej at D/S NFL	1380	08.08.2022	SW 228	ZO Lab LDH	8.0	8.5	BDL	237	200	93	BDL	0.20	BDL	B	S
3	River Sutlej at 100m D/s PACL Nangal	2915	08.08.2022	SW 229	ZO Lab LDH	7.9	8.3	BDL	216	240	110	BDL	0.18	BDL	B	S
4	River River Sutlej at D/s Nangal	1018	08.08.2022	SW 230	ZO Lab LDH	8.4	8.0	BDL	226	220	78	BDL	0.25	0.15	B	S
5	River River Sutlej at Kiratpur Sahib	1814	09.08.2022	SW 232	ZO Lab LDH	7.8	9.1	BDL	222	470	210	BDL	0.16	0.22	B	S
6	Ropar Head-Works	1019	09.08.2022	SW 234	ZO Lab LDH	7.8	7.7	BDL	238	790	330	BDL	0.24	0.25	C	S
7	River River Sutlej D/S of Rishab- Paper Mills	1293	09.08.2022	SW 235	ZO Lab LDH	7.7	7.3	BDL	254	840	460	BDL	0.28	0.29	C	S
8	River River Sutlej U/S Buddha Nallah	1690	10.08.2022	SW 237	ZO Lab LDH	7.4	6.8	1.2	334	1100	460	0.013	0.83	0.41	C	S
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	10.08.2022	SW 239	ZO Lab LDH	7.2	2.0	16	620	28,00,000	9,40,000	0.062	2.25	0.47	E	U
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	16.08.2022	SW 262	ZO Lab LDH	7.4	2.8	9	850	5,40,000	1,40,000	0.133	3.37	0.28	E	U
11	River River Sutlej at D/s East Bein	1381	16.08.2022	SW 263	ZO Lab LDH	7.3	2.6	12	867	7,00,000	2,60,000	0.106	3.15	0.36	E	U
12	River Sutlej at Harike	1022	16.08.2022	SW 264	ZO Lab LDH	7.4	7.1	1.4	274	4600	1700	0.015	0.70	0.25	C	S
13	Harike Lake D/S from canal	1382	16/08/22	419	ZO Lab, Jal	8.0	7.3	1.2	223	840	460	0.07	0.17	0.29	C	S
14	D/S Harike lake	1297	16/08/22	418	ZO Lab, Jal	7.9	7.7	1.2	238	790	330	0.063	0.17	0.27	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	16.08.2022	SW 265	ZO Lab LDH	7.2	8.6	BDL	270	580	250	BDL	0.69	0.24	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	16.08.2022	SW 266	ZO Lab LDH	7.2	8.3	BDL	285	610	180	BDL	0.67	0.27	C	S

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.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	08.08.2022	SW 227	ZO Lab LDH	BDL	BDL	BDL	114	101	10	5	98	26.4	7.8	66	BDL	BDL	1.5	BDL	BDL	0.20	3.3	1.7
2	River River Sutlej at D/S NFL	1380	08.08.2022	SW 228	ZO Lab LDH	BDL	BDL	BDL	130	112	8	6	114	28.8	10.2	62	BDL	BDL	1.7	BDL	BDL	0.17	4.9	1.8
3	River Sutej at 100m D/s PACL Nangal	2915	08.08.2022	SW 229	ZO Lab LDH	BDL	2	BDL	122	107	6	6	108	28	9.2	64	BDL	BDL	1.7	BDL	BDL	0.18	4.3	1.4
4	River River Sutlej atD/s Nangal	1018	08.08.2022	SW 230	ZO Lab LDH	BDL	4	BDL	126	109	8	8	110	28.8	9.2	70	BDL	BDL	1.5	BDL	BDL	0.21	6.1	1.7
5	River River Sutlej at Kiratpur Sahib	1814	09.08.2022	SW 232	ZO Lab LDH	BDL	5	BDL	126	110	11	8	114	30.4	9.2	62	BDL	BDL	1.5	BDL	BDL	0.21	3.9	1.9
6	Ropar Head-Works	1019	09.08.2022	SW 234	ZO Lab LDH	BDL	27	46	138	118	8	6	122	32.8	9.7	76	BDL	BDL	1.5	BDL	BDL	0.17	6.2	3.8
7	River River Sutlej D/S of Rishab-Paper Mills	1293	09.08.2022	SW 235	ZO Lab LDH	BDL	32	55	140	120	7	7	120	32	9.7	64	BDL	BDL	1.7	BDL	BDL	0.19	7	3.6
8	River River Sutlej U/S Buddha Nallah	1690	10.08.2022	SW 237	ZO Lab LDH	8	75	112	203	172	17	12	134	37.6	9.7	100	BDL	0.9	2.0	1.3	0.31	0.31	22	6.6
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	10.08.2022	SW 239	ZO Lab LDH	70	80	142	389	312	80	33	168	44	14.1	166	BDL	6.2	2.2	8.6	2.32	0.32	67	18
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	16.08.2022	SW 262	ZO Lab LDH	54	60	106	572	465	143	36	198	59.2	12.2	230	BDL	8.9	1.9	12.3	2.62	0.28	109	36
11	River River Sutlej at D/s East Bein	1381	16.08.2022	SW 263	ZO Lab LDH	60	45	83	562	456	130	42	202	60.8	12.2	248	BDL	10.6	1.7	14.8	3.02	0.29	103	29
12	River River Sutlej at Harike	1022	16.08.2022	SW 264	ZO Lab LDH	10	90	124	169	136	20	12	110	29.6	8.7	104	BDL	1.0	1.5	1.3	0.42	0.25	17	5.6
13	Harike Lake D/S from canal	1382	16/08/22	419	ZO Lab, Jal	10	75	142	132	102	18	11	90	23.2	7.8	82	BDL	1.4	2.0	2.1	0.22	0.16	3.8	2.84
14	D/S Harike lake	1297	16/08/22	418	ZO Lab, Jal	11	83	155	140	114	11	12	88	20.8	8.7	92	BDL	1.4	1.8	2.4	0.26	0.17	3.72	3.05
15	U/S Hussainiwala H/W Ferozepur	1691	16.08.2022	SW 265	ZO Lab LDH	BDL	13	10	174	142	14	11	114	31.2	8.7	116	BDL	BDL	1.6	BDL	BDL	0.21	17	5.7
16	D/S Hussainiwala H/W Ferozepur	1692	16.08.2022	SW 266	ZO Lab LDH	BDL	15	11	178	144	17	12	136	32	13.6	110	BDL	BDL	1.6	BDL	BDL	0.22	18	5.8

- 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 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	Water Quality Index
17	River Beas at Talwara H/W	1693	11/08/22	409	ZO Lab, Jal	7.9	7.2	BDL	163	170	39	0.036	0.24	BDL	B	S
18	River Beas at U/S Pathankot	1694	11/08/22	411	ZO Lab, Jal	7.9	8.0	BDL	225	350	170	0.041	0.13	0.12	B	S
19	River Beas at D/S Pathankot	1695	11/08/22	412	ZO Lab, Jal	7.9	7.8	1	234	460	210	0.036	0.11	0.16	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	11/08/22	410	ZO Lab, Jal	7.7	7.4	BDL	215	330	170	0.03	0.09	0.10	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	08/08/22	404	ZO Lab, Jal	8.0	7.5	1	243	490	220	0.05	0.24	0.20	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	08/08/22	405	ZO Lab, Jal	8.1	7.4	BDL	272	310	110	0.072	0.28	0.15	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	08/08/22	407	ZO Lab, Jal	8.2	8.0	BDL	228	350	170	0.08	0.18	0.25	B	S
24	River Beas at U/s Goindwal	1696	16/08/22	415	ZO Lab, Jal	8.0	7.9	BDL	218	270	130	0.04	0.18	0.16	B	S
25	River Beas at D/s Goindwal	1012	16/08/22	416	ZO Lab, Jal	7.9	7.9	BDL	232	340	170	0.041	0.16	0.19	B	S
26	Beas at Harike	1697	16/08/22	417	ZO Lab, Jal	8.0	7.7	1	212	330	170	0.05	0.17	0.21	B	S

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17	River Beas at Talwara H/W	1693	11/08/22	409	ZO Lab, Jal	6	18	24	106	83	12	8	58	13.6	5.8	52	BDL	0.8	0.7	1.2	0.13	0.11	4.16	2.62
18	River Beas at U/S Pathankot	1694	11/08/22	411	ZO Lab, Jal	7	158	188	142	108	9	10	94	21.6	9.7	90	BDL	0.9	1.0	1.6	0.18	0.14	2.96	2.59
19	River Beas at D/S Pathankot	1695	11/08/22	412	ZO Lab, Jal	8	122	189	148	120	8	9	104	26.4	9.2	96	BDL	0.8	1.0	1.4	0.2	0.12	2.58	2.42
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	11/08/22	410	ZO Lab, Jal	6	162	210	132	128	8	10	84	19.2	8.7	90	BDL	1.0	0.9	1.6	0.14	0.13	1.92	2.58
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	08/08/22	404	ZO Lab, Jal	9	146	192	150	110	15	10	100	25.6	8.7	102	BDL	1.0	1.2	1.7	0.16	0.13	5.52	2.58
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	08/08/22	405	ZO Lab, Jal	8	80	118	158	178	12	10	140	36	12.2	104	BDL	1.1	1.1	1.9	0.14	0.14	7.55	4.43
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	08/08/22	407	ZO Lab, Jal	7	118	166	140	116	17	11	88	19.2	9.7	90	BDL	1.0	1.3	1.6	0.16	0.15	3.85	2.33
24	River Beas at U/s Goindwal	1696	16/08/22	415	ZO Lab, Jal	6	126	172	133	110	12	9	84	19.2	8.7	88	BDL	0.8	1.2	1.4	0.18	0.15	3.76	5.48
25	River Beas at D/s Goindwal	1012	16/08/22	416	ZO Lab, Jal	7	105	165	145	114	11	10	94	24	8.3	96	BDL	0.9	1.2	1.6	0.16	0.17	3.54	2.62
26	Beas at Harike	1697	16/08/22	417	ZO Lab, Jal	9	68	104	140	108	13	8	82	18.4	8.7	92	BDL	1.0	1.1	1.5	0.18	0.18	3.45	2.85

Note. 1. BDL means Below Method Detection Limit

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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	Water Quality Index
27	Ravi at U/s of Madhopur H/W	1097	11/08/22	414	ZO Lab, Jal	7.8	9.8	BDL	173	140	26	BDL	0.08	BDL	B	S

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27	Ravi at U/s of Madhopur H/W	1097	11/08/22	414	ZO Lab, Jal	7	31	28	104	84	7	8	80	20.8	6.8	60	BDL	BDL	0.8	BDL	BDL	0.12	1.65	2.69

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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	Free Amm. mg/l	SAR	B mg/l	Quality of water as per DBDU	Water Quality Index
1	Ghaggar at Mubarikpur Rest House	1023	03/08/22	SW 503	H/o Lab Patiala	7.6	5.2	10	456	21000	2700	0.28	1.64	0.41	D	U
2	Ghaggar at Bhankarpur	1295	03/08/22	SW 504	H/o Lab Patiala	7.7	4.3	14	571	24000	3400	0.35	1.56	0.53	D	U
3	Ghaggar at Chattbir	1698	03/08/22	SW 505	H/o Lab Patiala	7.5	4.0	15	604	28000	3900	0.24	1.59	0.46	D	U
4	Ghaggar at U/s Jharmal Nadi	1702	03/08/22	SW 506	H/o Lab Patiala	7.4	4.3	11	493	24000	3300	0.18	1.57	0.50	D	U
5	Ghaggar at D/s Jharmal Nadi	1701	03/08/22	SW 507	H/o Lab Patiala	7.4	3.2	12	596	28000	3800	0.18	1.50	0.52	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	03/08/22	SW 509	H/o Lab Patiala	7.5	4.2	12	521	28000	3200	0.25	1.61	0.59	D	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	03/08/22	SW 510	H/o Lab Patiala	7.6	3.8	14	593	28000	3900	0.32	1.60	0.72	E	U
8	Ghaggar at Rattanheri	1473	08/08/22	SW 517	H/o Lab Patiala	7.4	3.6	14	624	28000	3900	0.19	1.69	0.69	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	08/08/22	SW 518	H/o Lab Patiala	7.4	3.9	13	597	28000	3800	0.19	1.63	0.78	E	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	08/08/22	SW 519	H/o Lab Patiala	7.6	3.4	16	653	35000	4600	0.31	1.72	0.80	E	U
11	Ghaggar at Khanauri	1024	08/08/22	SW 522	H/o Lab Patiala	7.5	3.1	15	683	28000	4000	0.26	1.73	0.72	E	U
12	Ghaggar at Moonak	1703	08/08/22	SW 524	H/o Lab Patiala	7.7	2.8	17	724	35000	4900	0.40	1.71	0.82	E	U
13	Ghaggar at U/s Sardulgarh	1705	10/08/22	SW 525	H/o Lab Patiala	7.3	5.1	10	478	24000	2700	0.11	1.52	0.53	D	U
14	Ghaggar at D/s Sardulgarh	1704	10/08/22	SW 526	H/o Lab Patiala	7.4	4.7	12	541	28000	3400	0.17	1.56	0.58	D	U

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1	Ghaggar at Mubarikpur Rest House	1023	03/08/22	SW 503	H/o Lab Patiala	46	490	458	295	252	31	13	118	29	11	202	BDL	11.2	0.8	15.7	1.0	1.1	41	17
2	Ghaggar at Bhankarpur	1295	03/08/22	SW 504	H/o Lab Patiala	69	440	463	368	314	47	16	186	48	16	227	BDL	11.8	1.0	16.5	1.2	1.2	49	23
3	Ghaggar at Chattbir	1698	03/08/22	SW 505	H/o Lab Patiala	71	410	468	388	331	49	18	203	53	17	234	BDL	12.2	1.1	17.1	1.2	1.2	52	25
4	Ghaggar at U/s Jharmal Nadi	1702	03/08/22	SW 506	H/o Lab Patiala	57	400	327	315	269	32	14	136	33	13	217	BDL	12.1	1.1	16.9	1.2	1.1	42	18
5	Ghaggar at D/s Jharmal Nadi	1701	03/08/22	SW 507	H/o Lab Patiala	62	415	369	383	329	46	15	180	47	15	229	BDL	12.3	1.1	17.2	1.2	1.2	46	20
6	Ghaggar at U/s Dhakanshu Nallah	1699	03/08/22	SW 509	H/o Lab Patiala	60	410	312	337	289	35	16	148	36	14	224	BDL	12.4	1.2	17.4	1.1	1.2	45	22
7	Ghaggar at D/s Dhakanshu Nallah	1700	03/08/22	SW 510	H/o Lab Patiala	66	425	349	387	330	50	19	193	49	17	233	BDL	12.8	1.2	17.9	1.2	1.3	51	27
8	Ghaggar at Rattanheri	1473	08/08/22	SW 517	H/o Lab Patiala	69	430	355	401	342	52	19	201	54	16	237	BDL	12.9	1.2	18.1	1.2	1.2	55	28
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	08/08/22	SW 518	H/o Lab Patiala	68	430	346	387	329	50	17	194	51	16	235	BDL	12.6	1.2	17.6	1.1	1.2	52	26
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	08/08/22	SW 519	H/o Lab Patiala	74	440	368	424	362	56	21	236	58	19	243	BDL	12.2	1.3	17.1	1.2	1.4	59	31
11	Ghaggar at Khanauri	1024	08/08/22	SW 522	H/o Lab Patiala	72	430	362	441	375	59	24	244	61	22	245	BDL	13.1	1.3	18.3	1.3	1.3	62	33
12	Ghaggar at Moonak	1703	08/08/22	SW 524	H/o Lab Patiala	77	450	371	471	401	63	25	275	67	26	258	BDL	13.4	1.3	18.8	1.3	1.4	65	36
13	Ghaggar at U/s Sardulgarh	1705	10/08/22	SW 525	H/o Lab Patiala	52	215	162	312	266	32	12	146	35	14	215	BDL	11.0	1.1	15.4	1.1	1.2	42	21
14	Ghaggar at D/s Sardulgarh	1704	10/08/22	SW 526	H/o Lab Patiala	58	230	192	352	299	38	17	178	40	19	226	BDL	11.3	1.1	15.8	1.1	1.2	48	26

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	11/08/22	SW 527	H.O. Lab Patiala	7.9	BDL	107	4182	350000	120000	0.36	5.59	1.46	E	E
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	11/08/22	SW 528	H.O. Lab Patiala	7.8	BDL	55	1891	220000	46000	0.76	2.21	1.09	E	E
3	Point Source B/N	2914	10.08.2022	SW 238	ZO Lab Ldh	7.1	BDL	110	1333	84,00,000	46,00,000	0.009	4.58	0.66	E	U
4	Kali Bein into Beas	2913	23/08/22	434	ZO Lab, Jal	7.5	5.6	2.6	243	2100	700	0.02	0.55	0.88	C	S
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	22/08/22	428	ZO Lab, Jal	8.1	BDL	196	2217	630000	260000	2.21	3.21	0.45	E	U
7	Hundiara drain before entering Pakistan	2907	22/08/22	429	ZO Lab, Jal	7.6	BDL	80	1120	490000	220000	0.55	2.01	0.67	E	U
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected													
9	Ranjit Sagar Reservoir	2912	11/08/22	413	ZO Lab, Jal	7.6	9.0	BDL	158	130	22	BDL	0.11	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	03/08/22	SW 508	H.O. Lab Patiala	7.8	BDL	45	1091	170000	32000	0.30	1.82	1.01	E	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	08/08/22	SW 520	H.O. Lab Patiala	7.7	1.2	26	783	35000	7000	0.25	1.58	0.80	E	E
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	03/08/22	SW 515	H.O. Lab Patiala	8.0	BDL	62	1694	430000	130000	0.99	2.99	1.28	E	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	Drain was found dried, hence sample could not be collected													

- 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, 2022

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.Alkln mg/l	p.Alkln mg/l	Amn-N 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
1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	11/08/22	SW 527	H.O. Lab Patiala	427	485	493	2721	2314	562	227	1590	310	198	931	BDL	8.1	4.9	11.3	4.7	5.1	512	192
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	11/08/22	SW 528	H.O. Lab Patiala	213	410	415	1227	1043	169	94	884	187	101	392	BDL	21.6	3.2	30.2	2.2	2.3	151	183
3	Point Source B/N	2914	10.08.2022	SW 238	ZO Lab Ldh	340	170	356	910	656	262	57	286	76.8	22.8	350	BDL	18.5	4.9	27.8	7.26	1.12	178	46
4	Kali Bein into Beas	2913	23/08/22	434	ZO Lab, Jal	18	33	43	170	128	16	10	80	20	7.3	82	BDL	1.0	1.8	1.5	0.28	0.20	11.3	4.2
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	22/08/22	428	ZO Lab, Jal	490	89	122	1351	959	310	82	350	88	31.6	599	BDL	34	6.0	54	6.4	0.34	138	25.4
7	Hundiara drain before entering Pakistan	2907	22/08/22	429	ZO Lab, Jal	240	80	110	757	545	118	75	270	63.2	27.2	348	BDL	22	4.2	36	5.4	0.26	76	20.7
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	11/08/22	413	ZO Lab, Jal	6	15	18	98	84	6	7	60	16	4.9	68	BDL	BDL	0.6	BDL	BDL	0.11	1.88	2.36
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	03/08/22	SW 508	H.O. Lab Patiala	172	285	297	710	604	99	58	550	108	68	272	BDL	8.7	2.9	12.2	3.0	3.0	98	51
11	Sagar Para Drain at village sagra dist.Patiala	4158	08/08/22	SW 520	H.O. Lab Patiala	85	270	287	508	433	67	43	328	69	38	253	BDL	8.3	2.4	11.6	1.4	1.5	66	39
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	03/08/22	SW 515	H.O. Lab Patiala	227	380	432	1102	937	182	97	890	198	96	306	BDL	19.8	3.7	27.7	3.2	3.3	205	79
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	Drain was found dried, hence sample could not be collected																					

Note. 1. BDL means Below Method Detection Limit

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3. Water Quality Index (S means Satisfactory, U means Unsatisfactory)

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