

### Analysis results of Surface water monitoring under NWMP for the month of August, 2023

#### 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	09.08.2023	SW 73	ZO Lab LDH	7.6	7.9	BDL	196	94	21	BDL	0.11	BDL	B
2	River River Sutlej at D/S NFL	1380	09.08.2023	SW 74	ZO Lab LDH	7.7	7.4	BDL	234	84	26	BDL	0.15	BDL	B
3	River Sutlej at 100m D/s PACL Nangal	2915	09.08.2023	SW 75	ZO Lab LDH	7.7	7.4	BDL	233	94	21	BDL	0.16	BDL	B
4	River River Sutlej at D/s Nangal	1018	09.08.2023	SW 76	ZO Lab LDH	7.9	9.9	BDL	200	70	26	BDL	0.12	0.13	B
5	River River Sutlej at Kiratpur Sahib	1814	10.08.2023	SW 79	ZO Lab LDH	7.4	8.3	BDL	232	140	39	BDL	0.18	0.12	B
6	Ropar Head-Works	1019	10.08.2023	SW 82	ZO Lab LDH	7.6	8.1	BDL	240	490	170	BDL	0.17	0.15	B
7	River River Sutlej D/S of Rishab- Paper Mills	1293	10.08.2023	SW 83	ZO Lab LDH	7.3	7.9	BDL	260	540	140	BDL	0.18	0.17	C
8	River River Sutlej U/S Buddha Nallah	1690	11.08.2023	SW 87	ZO Lab LDH	8.0	6.9	BDL	259	840	310	0.070	0.18	0.24	C
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	11.08.2023	SW 89	ZO Lab LDH	7.6	1.4	20	505	2,20,000	79,000	0.210	2.08	0.46	E
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	14.08.2023	SW 91	ZO Lab LDH /HO Lab PAT	7.6	7.6	4.5	305	17,000	4900	0.028	0.34	0.23	D
11	River River Sutlej at D/s East Bein	1381	14.08.2023	SW 93	ZO Lab LDH /HO Lab PAT	7.8	7.8	4.0	300	17,000	7900	0.028	0.38	0.25	D
12	River Sutlej at Harike	1022	14.08.2023	SW 94	ZO Lab LDH /HO Lab PAT	7.3	7.0	BDL	288	700	270	0.011	0.34	0.22	C
13	Harike Lake D/S from canal	1382	08/08/2023	308	ZO Lab, Jal	7.8	8.0	BDL	211	490	220	0.04	1.1	0.22	B
14	D/S Harike lake	1297	08/08/2023	307	ZO Lab, Jal	8.0	8.5	BDL	232	460	210	0.05	0.92	0.34	B
15	U/S Hussainiwala H/W Ferozepur	1691	14.08.2023	SW 95	ZO Lab LDH /HO Lab PAT	7.2	8.0	BDL	271	540	110	0.011	0.46	0.17	C
16	D/S Hussainiwala H/W Ferozepur	1692	14.08.2023	SW 96	ZO Lab LDH /HO Lab PAT	7.5	7.9	BDL	274	540	170	0.016	0.35	0.19	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	09.08.2023	SW 73	ZO Lab LDH	BDL	11	BDL	130	108	8	7	118	31.2	9.7	74	BDL	BDL	0.9	BDL	BDL	0.17	2.7	2.2
2	River River Sutlej at D/S NFL	1380	09.08.2023	SW 74	ZO Lab LDH	BDL	14	BDL	148	111	12	10	134	36	10.7	98	BDL	BDL	1.4	BDL	BDL	0.22	4.1	3.2
3	River Sutej at 100m D/s PACL Nangal	2915	09.08.2023	SW 75	ZO Lab LDH	BDL	13	BDL	150	119	12	11	136	36.8	10.7	96	BDL	BDL	1.5	BDL	BDL	0.22	4.2	3.3
4	River River Sutlej atD/s Nangal	1018	09.08.2023	SW 76	ZO Lab LDH	BDL	17	12	136	104	8	8	128	34.4	10.2	82	BDL	BDL	0.8	BDL	BDL	0.21	3.2	2.4
5	River River Sutlej at Kiratpur Sahib	1814	10.08.2023	SW 79	ZO Lab LDH	BDL	55	80	135	115	10	12	108	25.6	10.7	70	BDL	BDL	1.4	BDL	BDL	0.15	4.4	2.8
6	Ropar Head-Works	1019	10.08.2023	SW 82	ZO Lab LDH	BDL	85	143	153	130	13	14	120	28.8	11.7	78	BDL	BDL	1.2	BDL	BDL	0.29	4.4	2.6
7	River River Sutlej D/S of Rishab-Paper Mills	1293	10.08.2023	SW 83	ZO Lab LDH	BDL	90	156	149	135	12	12	112	26.4	11.2	80	BDL	BDL	1.3	BDL	BDL	0.20	4.5	2.6
8	River River Sutlej U/S Buddha Nallah	1690	11.08.2023	SW 87	ZO Lab LDH	BDL	130	256	170	149	18	19	128	32.8	11.2	100	BDL	1.4	1.6	2.0	0.24	0.19	4.8	3.1
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	11.08.2023	SW 89	ZO Lab LDH	108	150	254	334	282	58	32	168	38.4	17.5	160	BDL	8.4	2.8	11.8	1.6	0.25	62	9.8
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	14.08.2023	SW 91	ZO Lab LDH	20	115	212	189	172	12	15	130	35.2	10.2	112	BDL	1.1	1.7	1.7	0.25	0.18	8.8	4.2
11	River River Sutlej at D/s East Bein	1381	14.08.2023	SW 93	ZO Lab LDH	18	130	222	182	165	14	13	134	36	10.7	120	BDL	0.8	1.8	1.3	0.43	0.20	10	4.7
12	River River Sutlej at Harike	1022	14.08.2023	SW 94	ZO Lab LDH	8	110	194	179	162	13	10	112	25.6	11.7	116	BDL	1.1	1.5	1.7	0.22	0.18	8.3	4.7
13	Harike Lake D/S from canal	1382	08/08/2023	308	ZO Lab, Jal	7	40	48	142	112	10	15	110	28	9.7	74	BDL	1.1	1.6	1.6	0.2	0.25	8.4	1.7
14	D/S Harike lake	1297	08/08/2023	307	ZO Lab, Jal	8	45	42	131	101	11	12	92	21	9.7	72	BDL	1	1.4	1.5	0.15	0.22	6.9	1.7
15	U/S Hussainiwala H/W Ferozepur	1691	14.08.2023	SW 95	ZO Lab LDH	6	85	146	182	170	13	14	108	28	9.2	108	BDL	1.1	1.4	1.8	0.23	0.20	11	4.4
16	D/S Hussainiwala H/W Ferozepur	1692	14.08.2023	SW 96	ZO Lab LDH	6	80	152	179	158	12	15	102	26.4	8.7	104	BDL	0.8	1.4	1.6	0.24	0.19	8.1	4.3

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## River Beas

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17	River Beas at Talwara H/W	1693	04/08/2023	295	ZO Lab, Jal	8.1	9.3	BDL	178	84	21	0.03	0.58	BDL	B	S
18	River Beas at U/S Pathankot	1694	04/08/2023	297	ZO Lab, Jal	7.9	8.2	1	224	110	27	0.02	0.75	0.15	B	S
19	River Beas at D/S Pathankot	1695	04/08/2023	298	ZO Lab, Jal	8.0	7.8	1.1	218	120	32	0.02	0.52	0.18	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	04/08/2023	296	ZO Lab, Jal	7.9	8.4	1.1	216	94	26	0.03	0.68	0.11	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	07/08/2023	299	ZO Lab, Jal	7.9	7	BDL	212	110	27	0.02	0.29	0.32	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	07/08/2023	300	ZO Lab, Jal	8.1	6.5	BDL	230	140	33	0.03	0.43	0.14	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	07/08/2023	302	ZO Lab, Jal	7.9	7	1	228	220	63	0.03	0.76	0.23	B	S
24	River Beas at U/s Goindwal	1696	08/08/2023	304	ZO Lab, Jal	7.8	8.4	BDL	232	220	70	0.01	0.42	0.12	B	S
25	River Beas at D/s Goindwal	1012	08/08/2023	305	ZO Lab, Jal	8.0	8.3	BDL	218	280	130	0.03	0.41	0.17	B	S
26	Beas at Harike	1697	08/08/2023	306	ZO Lab, Jal	7.9	8.3	BDL	222	280	140	0.03	0.41	0.11	B	S

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17	River Beas at Talwara H/W	1693	04/08/2023	295	ZO Lab, Jal	9	48	38	118	92	13	10	94	26	7	70	BDL	0.5	0.72	1.4	BDL	0.14	13	2.0
18	River Beas at U/S Pathankot	1694	04/08/2023	297	ZO Lab, Jal	11	62	46	136	108	9	9	96	30	5	96	BDL	0.5	0.86	1.6	BDL	0.17	17	2.7
19	River Beas at D/S Pathankot	1695	04/08/2023	298	ZO Lab, Jal	9	82	59	132	110	11	12	102	30	7	94	BDL	0.5	0.91	1.7	BDL	0.15	12	2.1
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	04/08/2023	296	ZO Lab, Jal	10	56	42	140	110	14	9	106	32	6	92	BDL	0.6	0.76	1.5	BDL	0.14	16	2.6
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	07/08/2023	299	ZO Lab, Jal	10	99	58	126	102	9	12	86	25	6	75	BDL	0.4	1.12	1.7	BDL	0.15	6.2	2.6
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	07/08/2023	300	ZO Lab, Jal	9	67	48	134	115	10	9	92	24	8	84	BDL	0.4	0.92	1.5	BDL	0.14	9.4	1.9
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	07/08/2023	302	ZO Lab, Jal	8	80	62	140	118	9	8	94	29	5	67	BDL	0.7	0.86	1.6	BDL	0.17	17	1.6
24	River Beas at U/s Goindwal	1696	08/08/2023	304	ZO Lab, Jal	7	85	60	143	112	10	7	90	28	5	84	BDL	0.4	0.95	1.3	BDL	0.15	9.1	1.8
25	River Beas at D/s Goindwal	1012	08/08/2023	305	ZO Lab, Jal	8	92	65	134	104	9	10	84	25	5	79	BDL	0.6	0.86	1.4	BDL	0.15	8.7	1.8
26	Beas at Harike	1697	08/08/2023	306	ZO Lab, Jal	10	96	63	138	116	9	9	84	26	5	73	BDL	0.6	1.02	1.5	BDL	0.16	8.6	1.8

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 $\mu$ 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	04/08/2023	294	ZO Lab, Jal	8.0	8.2	BDL	166	84	26	BDL	0.72	BDL	B

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27	Ravi at U/s of Madhopur H/W	1097	04/08/2023	294	ZO Lab, Jal	7	42	47	110	86	11	20	72	20	5.6	50	BDL	BDL	1.2	BDL	BDL	0.14	2.8	1.9

**Analysis results of Surface water monitoring under NWMP for the month of August, 2023**

**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	3.8.2023	SW 2005	H/o Lab Patiala	7.9	5.9	7	441	17000	1700	1.77	0.42	0.35	D
2	Ghaggar at Bhankarpur	1295	3.8.2023	SW 2006	H/o Lab Patiala	7.8	4.6	10	693	21000	2100	2.02	0.40	0.49	D
3	Ghaggar at Chattbir	1698	3.8.2023	SW 2007	H/o Lab Patiala	7.6	3.6	11	660	24000	2700	1.89	0.29	0.48	E
4	Ghaggar at U/s Jharmal Nadi	1702	3.8.2023	SW 2008	H/o Lab Patiala	7.7	4.5	10	572	21000	2100	2.14	0.35	0.42	D
5	Ghaggar at D/s Jharmal Nadi	1701	3.8.2023	SW 2009	H/o Lab Patiala	7.3	4.1	12	631	22000	2600	2.18	0.12	0.47	D
6	Ghaggar at U/s Dhakanshu Nallah	1699	3.8.2023	SW 2011	H/o Lab Patiala	7.4	4.7	11	592	21000	2100	2.13	0.17	0.44	D
7	Ghaggar at D/s Dhakanshu Nallah	1700	3.8.2023	SW 2012	H/o Lab Patiala	7.6	3.8	12	658	24000	2700	2.18	0.29	0.49	E
8	Ghaggar at Rattanheri	1473	4.8.2023	SW 2019	H/o Lab Patiala	7.6	4.2	13	721	24000	2700	2.02	0.31	0.52	D
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	4.8.2023	SW 2020	H/o Lab Patiala	7.4	4.0	11	693	24000	2700	2.06	0.30	0.50	D
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	4.8.2023	SW 2021	H/o Lab Patiala	7.8	3.4	14	765	28000	3200	2.09	0.44	0.58	E
11	Ghaggar at Khanauri	1024	4.8.2023	SW 2024	H/o Lab Patiala	7.9	3.8	15	789	24000	2700	2.06	0.57	0.63	E
12	Ghaggar at Moonak	1703	4.8.2023	SW 2026	H/o Lab Patiala	7.7	3.3	17	841	28000	3800	2.11	0.58	0.69	E
13	Ghaggar at U/s Sardulgarh	1705	7.8.2023	SW 2027	H/o Lab Patiala	7.6	6.2	8	381	17000	1400	1.33	0.28	0.28	D
14	Ghaggar at D/s Sardulgarh	1704	7.8.2023	SW 2028	H/o Lab Patiala	7.6	5.3	9	483	17000	1700	1.41	0.27	0.32	D

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1	Ghaggar at Mubarikpur Rest House	1023	3.8.2023	SW 2005	H/o Lab Patiala	28	510	710	287	244	30	8	102	29	7	219	BDL	9.3	0.8	13.0	1.3	0.7	41	18
2	Ghaggar at Bhankarpur	1295	3.8.2023	SW 2006	H/o Lab Patiala	40	560	795	451	385	70	12	233	72	13	251	BDL	11.5	1.6	16.1	1.2	1.0	71	32
3	Ghaggar at Chattbir	1698	3.8.2023	SW 2007	H/o Lab Patiala	48	600	815	431	368	65	15	230	64	17	242	BDL	11.7	1.6	16.4	1.3	1.0	66	29
4	Ghaggar at U/s Jharmal Nadi	1702	3.8.2023	SW 2008	H/o Lab Patiala	36	330	321	373	318	44	11	159	47	10	238	BDL	11.5	1.1	16.1	0.8	0.8	62	27
5	Ghaggar at D/s Jharmal Nadi	1701	3.8.2023	SW 2009	H/o Lab Patiala	49	370	367	410	349	53	13	179	52	12	252	BDL	11.6	1.2	16.2	0.9	0.9	67	29
6	Ghaggar at U/s Dhakanshu Nallah	1699	3.8.2023	SW 2011	H/o Lab Patiala	39	395	398	386	329	47	11	165	48	11	243	BDL	11.4	0.9	15.9	0.9	0.8	63	28
7	Ghaggar at D/s Dhakanshu Nallah	1700	3.8.2023	SW 2012	H/o Lab Patiala	47	400	410	429	365	59	14	195	57	13	256	BDL	11.7	1.2	16.3	1.0	1.0	70	31
8	Ghaggar at Rattanheri	1473	4.8.2023	SW 2019	H/o Lab Patiala	49	310	330	468	399	69	20	248	68	19	262	BDL	12.2	1.6	17.1	1.8	1.1	73	33
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	4.8.2023	SW 2020	H/o Lab Patiala	45	330	345	451	384	65	18	225	62	17	258	BDL	12.0	1.6	16.8	1.6	1.0	71	32
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	4.8.2023	SW 2021	H/o Lab Patiala	53	360	361	498	424	72	23	265	73	20	273	BDL	11.7	1.9	16.4	1.9	1.3	78	38
11	Ghaggar at Khanauri	1024	4.8.2023	SW 2024	H/o Lab Patiala	60	340	358	468	398	77	26	279	75	22	276	BDL	12.6	2.0	17.6	1.8	1.3	79	38
12	Ghaggar at Moonak	1703	4.8.2023	SW 2026	H/o Lab Patiala	69	390	398	547	465	83	28	302	81	24	291	BDL	12.9	2.2	18.1	2.2	1.4	84	41
13	Ghaggar at U/s Sardulgarh	1705	7.8.2023	SW 2027	H/o Lab Patiala	31	110	88	248	212	20	10	85	19	9	209	BDL	9.2	0.8	12.9	1.1	0.6	28	13
14	Ghaggar at D/s Sardulgarh	1704	7.8.2023	SW 2028	H/o Lab Patiala	38	130	110	314	268	33	18	138	32	14	218	BDL	10.6	1.0	14.8	1.3	0.9	38	19

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	2.8.2023	2003	H.O. Lab Patiala	7.8	1.4	121	4641	280000	84000	0.40	6.42	1.28	E
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	2.8.2023	2004	H.O. Lab Patiala	7.8	1.5	58	2291	110000	21000	0.84	3.34	1.12	E
3	Point Source B/N	2914	11.8.2023	SW 88	ZO Lab Ldh	7.3	BDL	83	1368	2800000	940,000	0.204	5.26	0.68	E
4	Kali Bein into Beas	2913	03/08/2023	SW 292	ZO Lab, Jal	7.8	4.2	2.1	292	2600	450	0.04	0.72	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	08/08/2023	SW 310	ZO Lab, Jal	7.7	BDL	82	2039	250000	110000	0.66	2.8	0.36	E
7	Hundiara drain before entering Pakistan	2907	08/08/2023	SW 311	ZO Lab, Jal	7.9	BDL	32	1234	130000	79000	0.63	2.7	0.50	E
8	Pathlawa Drain	2911	<b>Drain was found dried, hence sample could not be collected</b>												
9	Ranjit Sagar Reservoir	2912	04/08/2023	SW 293	ZO Lab, Jal	7.8	8.4	BDL	167	79	22	BDL	0.74	BDL	B
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	3.8.2023	SW 2013	H.O. Lab Patiala	7.6	1.3	38	1301	94000	7800	0.29	1.81	0.80	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	4.8.2023	SW 2022	H.O. Lab Patiala	7.8	1.4	28	1053	24000	3400	0.37	2.20	0.65	E
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	3.8.2023	SW 2017	H.O. Lab Patiala	7.3	1.5	41	2145	280000	940000	0.23	3.81	1.20	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	10.08.2023	SW 81	ZO Lab Ldh	7.2	7.7	BDL	402	230	130	0.005	0.31	0.16	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 August, 2023

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	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
1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	2.8.2023	2003	H.O. Lab Patiala	398	680	668	3019	2568	577	127	1887	396	218	996	BDL	11.3	3.8	15.8	5.0	4.2	641	243
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	2.8.2023	2004	H.O. Lab Patiala	178	360	325	1478	1258	204	118	903	200	98	419	BDL	24.1	2.6	33.7	5.2	3.8	231	268
3	Point Source B/N	2914	11.8.2023	SW 88	ZO Lab Ldh	320	170	310	868	633	195	74	290	76	24.3	370	BDL	20.4	4	30.2	4.2	0.42	206	27
4	Kali Bein into Beas	2913	03/08/2023	SW 292	ZO Lab, Jal	15	32	28	172	132	10	17	72	19	6.1	92	BDL	1.2	1.5	1.8	0.19	0.21	29	4.2
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	08/08/2023	SW 310	ZO Lab, Jal	216	158	189	1225	756	272	104	284	27	52.7	550	BDL	18	4	28	1.4	0.42	210	11
7	Hundiara drain before entering Pakistan	2907	08/08/2023	SW 311	ZO Lab, Jal	80	115	128	769	495	152	40	272	24	51.5	420	BDL	10	3.4	18	1.3	0.3	109	10
8	Pathlawa Drain	2911	<b>Drain was found dried, hence sample could not be collected</b>																					
9	Ranjit Sagar Reservoir	2912	04/08/2023	SW 293	ZO Lab, Jal	6	27	25	107	84	9	18	74	19	6.3	52	BDL	BDL	1.1	BDL	BDL	0.12	3	2
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	3.8.2023	SW 2013	H.O. Lab Patiala	98	280	291	845	721	101	76	729	163	78	298	BDL	11.5	1.8	16.1	2.3	3.3	112	73
11	Sagar Para Drain at village sagra dist.Patiala	4158	4.8.2023	SW 2022	H.O. Lab Patiala	68	200	193	685	583	73	62	537	119	58	283	BDL	10.7	1.2	15.0	2.1	2.6	117	44
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	3.8.2023	SW 2017	H.O. Lab Patiala	162	370	315	1396	1191	225	119	1146	292	101	309	BDL	23.9	3.3	33.5	4.9	5.0	296	102
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	10.08.2023	SW 81	ZO Lab LDH	BDL	140	214	237	206	26	34	156	36.8	15.6	106	BDL	0.5	1.6	BDL	BDL	0.23	8.8	4.2

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