

Analysis results of Surface water monitoring under NWMP for the month of June, 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 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	19.06.23	SW 1	ZO Lab LDH	7.8	7.2	BDL	231	92	20	BDL	0.13	BDL	B
2	River River Sutlej at D/S NFL	1380	19.06.23	SW 2	ZO Lab LDH	7.6	7.0	BDL	274	140	92	BDL	0.14	BDL	B
3	River Sutlej at 100m D/s PACL Nangal	2915	19.06.23	SW 3	ZO Lab LDH	7.6	7.0	BDL	271	120	61	BDL	0.14	BDL	B
4	River River Sutlej at D/s Nangal	1018	19.06.23	SW 4	ZO Lab LDH	8.2	7.6	BDL	238	93	40	BDL	0.11	0.14	B
5	River River Sutlej at Kiratpur Sahib	1814	23.06.23	SW 21	ZO Lab LDH	7.8	8.6	BDL	236	270	78	0.024	0.17	0.11	B
6	Ropar Head-Works	1019	23.06.23	SW 24	ZO Lab LDH	7.9	8.5	BDL	244	790	460	BDL	0.16	0.16	C
7	River River Sutlej D/S of Rishab- Paper Mills	1293	23.06.23	SW 25	ZO Lab LDH	7.7	7.6	BDL	262	940	320	BDL	0.15	0.14	C
8	River River Sutlej U/S Buddha Nallah	1690	20.06.23	SW 10	ZO Lab LDH	7.8	6.5	2.0	342	1400	390	0.056	0.65	0.21	C
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	20.06.23	SW 12	ZO Lab LDH	7.5	BDL	60	1078	43,00,000	17,00,000	0.300	3.28	0.41	E
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	21.06.23	SW 16	ZO Lab LDH /HO Lab PAT	7.3	BDL	17	710	3,90,000	1,30,000	0.087	2.11	0.18	E
11	River River Sutlej at D/s East Bein	1381	21.06.23	SW 17	ZO Lab LDH /HO Lab PAT	7.4	BDL	10	693	5,40,000	94,000	0.072	1.86	0.21	E
12	River Sutlej at Harike	1022	21.06.23	SW 20	ZO Lab LDH /HO Lab PAT	7.6	4.2	3	287	4300	1700	0.027	0.77	0.20	C
13	Harike Lake D/S from canal	1382	14/06/23	S 241	ZO Lab, Jal	8.1	8.5	2	234	2800	1300	0.065	0.44	0.25	C
14	D/S Harike lake	1297	14/06/23	S 242	ZO Lab, Jal	8.1	8.0	1.9	230	2200	1100	0.058	0.42	0.32	C
15	U/S Hussainiwala H/W Ferozepur	1691	26.06.23	SW 31	ZO Lab LDH /HO Lab PAT	7.2	4.8	1.4	248	1200	360	0.010	0.54	0.14	C
16	D/S Hussainiwala H/W Ferozepur	1692	26.06.23	SW 32	ZO Lab LDH /HO Lab PAT	7.3	4.7	1.6	251	1200	310	0.012	0.53	0.15	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	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	19.06.23	SW 1	ZO Lab LDH	BDL	4	11	150	136	11	12	134	34.4	11.7	78	BDL	BDL	0.9	BDL	BDL	0.19	3.4	1.8
2	River River Sutlej at D/S NFL	1380	19.06.23	SW 2	ZO Lab LDH	BDL	2	BDL	177	158	13	14	152	40.8	12.2	100	BDL	BDL	1.2	BDL	BDL	0.20	3.9	1.6
3	River Sutej at 100m D/s PACL Nangal	2915	19.06.23	SW 3	ZO Lab LDH	BDL	2	BDL	172	140	15	14	144	39.2	11.2	98	BDL	BDL	1.2	BDL	BDL	0.23	3.9	1.5
4	River River Sutlej atD/s Nangal	1018	19.06.23	SW 4	ZO Lab LDH	BDL	2	BDL	162	130	12	17	130	32.8	11.7	76	BDL	BDL	1.3	BDL	BDL	0.20	3	1.4
5	River River Sutlej at Kiratpur Sahib	1814	23.06.23	SW 21	ZO Lab LDH	6	6	12	140	128	10	12	110	30.4	8.3	80	BDL	0.7	1.6	BDL	0.27	0.19	4.1	1.8
6	Ropar Head-Works	1019	23.06.23	SW 24	ZO Lab LDH	6	10	16	146	134	6	12	110	28.8	9.2	88	BDL	BDL	1.7	BDL	0.25	0.20	3.9	2
7	River River Sutlej D/S of Rishab-Paper Mills	1293	23.06.23	SW 25	ZO Lab LDH	BDL	12	15	162	149	11	14	126	32.8	10.7	84	BDL	BDL	1.7	BDL	0.28	0.18	4	1.9
8	River River Sutlej U/S Buddha Nallah	1690	20.06.23	SW 10	ZO Lab LDH	14	50	42	232	205	26	14	146	37.6	12.6	122	BDL	1.6	1.6	2.0	0.77	0.26	18	4.1
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	20.06.23	SW 12	ZO Lab LDH	228	150	274	709	563	193	38	284	75.2	23.3	302	BDL	15	2.0	23	2.8	0.46	127	19
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	21.06.23	SW 16	ZO Lab LDH	80	178	172	452	388	96	34	174	48.8	12.6	160	BDL	8.7	2.6	12	0.80	0.32	68.4	14.2
11	River River Sutlej at D/s East Bein	1381	21.06.23	SW 17	ZO Lab LDH	52	106	144	402	341	74	31	180	45.6	16.0	148	BDL	4.8	2.5	6	0.77	0.34	50.5	9.4
12	River River Sutlej at Harike	1022	21.06.23	SW 20	ZO Lab LDH	18	64	80	202	176	25	28	116	30.4	9.7	120	BDL	1.1	2.0	1.7	0.53	0.17	19.1	4.6
13	Harike Lake D/S from canal	1382	14/06/23	S 241	ZO Lab, Jal	12	60	63	139	114	15	12	96	24	8.7	72	BDL	1	1.0	1.6	0.25	0.24	10	1.9
14	D/S Harike lake	1297	14/06/23	S 242	ZO Lab, Jal	12	64	54	137	110	14	11	94	24	8.3	76	BDL	0.9	0.9	1.5	0.23	0.2	9.4	2
15	U/S Hussainiwala H/W Ferozepur	1691	26.06.23	SW 31	ZO Lab LDH	12	8	11	163	140	17	24	94	24.8	7.8	102	BDL	1.0	1.7	1.6	0.39	0.22	12	4.1
16	D/S Hussainiwala H/W Ferozepur	1692	26.06.23	SW 32	ZO Lab LDH	14	8	13	166	141	18	27	96	24.8	8.3	106	BDL	1.2	1.4	1.7	0.35	0.23	12	4.2

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River Beas

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17	River Beas at Talwara H/W	1693	09/06/23	S 221	ZO Lab, Jal	7.9	7.8	1.1	241	110	27	0.023	0.58	BDL	B	S
18	River Beas at U/S Pathankot	1694	09/06/23	S 223	ZO Lab, Jal	8.2	7.7	1	345	170	49	0.048	0.65	0.15	B	S
19	River Beas at D/S Pathankot	1695	09/06/23	S 224	ZO Lab, Jal	8.1	7.5	1	285	220	79	0.046	0.50	0.18	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	09/06/23	S 222	ZO Lab, Jal	8.2	7.7	1.2	337	120	38	0.048	0.60	0.11	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	12/06/23	S 229	ZO Lab, Jal	7.9	8.8	1.1	230	220	110	0.036	0.26	0.32	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	12/06/23	S 230	ZO Lab, Jal	7.9	9.2	BDL	233	310	140	0.036	0.41	0.14	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	12/06/23	S 231	ZO Lab, Jal	8.1	9.0	1.2	206	330	140	0.052	0.80	0.23	B	S
24	River Beas at U/s Goindwal	1696	14/06/23	S 238	ZO Lab, Jal	8.2	8.7	BDL	220	280	130	0.040	0.42	0.11	B	S
25	River Beas at D/s Goindwal	1012	14/06/23	S 239	ZO Lab, Jal	8.1	8.6	1.1	238	310	140	0.039	0.41	0.16	B	S
26	Beas at Harike	1697	14/06/23	S 240	ZO Lab, Jal	8.0	8.5	1.1	223	330	170	0.040	0.41	0.10	B	S

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17	River Beas at Talwara H/W	1693	09/06/23	S 221	ZO Lab, Jal	9	42	19	135	110	18	7.8	96	26	8	79	BDL	0.5	1.2	1.1	0.13	0.19	13	2
18	River Beas at U/S Pathankot	1694	09/06/23	S 223	ZO Lab, Jal	10	72	26	214	170	16	10	128	36	9	132	BDL	0.6	1.1	1.3	0.13	0.2	17	2.7
19	River Beas at D/S Pathankot	1695	09/06/23	S 224	ZO Lab, Jal	8	84	48	169	134	11	22	108	31	7	104	BDL	0.7	1.1	1.3	0.11	0.18	12	2.1
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	09/06/23	S 222	ZO Lab, Jal	10	62	27	182	145	13	8.8	134	37	10	134	BDL	0.6	0.7	1.1	0.14	0.21	16	2.6
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	12/06/23	S 229	ZO Lab, Jal	6	110	62	147	126	8	19	106	26	10	75	BDL	0.8	1.4	1.5	0.12	0.16	6.2	2.6
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	12/06/23	S 230	ZO Lab, Jal	8	84	40	131	104	13	11	100	26	9	81	BDL	0.8	0.8	1.5	0.12	0.17	9.4	1.9
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	12/06/23	S 231	ZO Lab, Jal	6	98	68	123	96	10	15	86	29	3	71	BDL	0.8	0.8	1.6	0.13	0.16	17	1.6
24	River Beas at U/s Goindwal	1696	14/06/23	S 238	ZO Lab, Jal	BDL	124	70	119	92	12	13	88	30	3	75	BDL	0.5	0.7	1.3	0.1	0.18	9.1	1.8
25	River Beas at D/s Goindwal	1012	14/06/23	S 239	ZO Lab, Jal	8	128	72	136	106	11	13	86	26	5	73	BDL	0.6	0.7	1.1	0.12	0.19	8.7	1.8
26	Beas at Harike	1697	14/06/23	S 240	ZO Lab, Jal	8	96	56	132	108	11	13	84	26	4	77	BDL	0.8	0.7	1.2	0.13	0.18	8.6	1.8

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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	09/06/23	S 220	ZO Lab, Jal	7.9	8.6	BDL	167	120	32	BDL	0.19	BDL	B

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27	Ravi at U/s of Madhopur H/W	1097	09/06/23	S 220	ZO Lab, Jal	5	27	22	109	88	8	6	74	20	5.8	70	BDL	BDL	0.9	BDL	BDL	0.14	3.7	5.7

Analysis results of Surface water monitoring under NWMP for the month of June, 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 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	8.6.2023	SW 1845	H/o Lab Patiala	7.7	5.1	10	571	22000	2600	1.91	0.25	0.49	D
2	Ghaggar at Bhankarpur	1295	8.6.2023	SW 1846	H/o Lab Patiala	7.5	2.1	26	907	28000	3400	2.09	0.21	0.59	E
3	Ghaggar at Chattbir	1698	8.6.2023	SW 1847	H/o Lab Patiala	7.4	1.5	29	831	28000	3800	1.96	0.17	0.58	E
4	Ghaggar at U/s Jharmal Nadi	1702	8.6.2023	SW 1848	H/o Lab Patiala	7.4	2.8	17	738	22000	2700	2.01	0.16	0.51	E
5	Ghaggar at D/s Jharmal Nadi	1701	8.6.2023	SW 1849	H/o Lab Patiala	7.4	2.1	20	793	28000	3800	2.00	0.16	0.62	E
6	Ghaggar at U/s Dhakanshu Nallah	1699	8.6.2023	SW 1851	H/o Lab Patiala	7.7	2.9	15	710	28000	3300	1.92	0.32	0.51	E
7	Ghaggar at D/s Dhakanshu Nallah	1700	8.6.2023	SW 1852	H/o Lab Patiala	7.7	2.0	24	898	28000	3900	2.07	0.36	0.63	E
8	Ghaggar at Rattanheri	1473	9.6.2023	SW 1859	H/o Lab Patiala	7.6	2.8	25	941	28000	3900	2.18	0.29	0.75	E
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	9.6.2023	SW 1860	H/o Lab Patiala	7.8	3.0	22	890	28000	3800	2.09	0.41	0.73	E
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	9.6.2023	SW 1861	H/o Lab Patiala	7.7	2.3	29	1010	35000	4600	2.12	0.33	0.79	E
11	Ghaggar at Khanauri	1024	9.6.2023	SW 1864	H/o Lab Patiala	7.6	2.5	25	971	35000	4300	2.06	0.30	0.77	E
12	Ghaggar at Moonak	1703	9.6.2023	SW 1866	H/o Lab Patiala	7.7	2.0	32	1098	35000	5300	2.10	0.37	0.80	E
13	Ghaggar at U/s Sardulgarh	1705	12.6.2023	SW 1867	H/o Lab Patiala	7.9	5.6	13	548	21000	2100	1.74	0.37	0.52	D
14	Ghaggar at D/s Sardulgarh	1704	12.6.2023	SW 1868	H/o Lab Patiala	7.7	4.3	15	667	22000	2600	1.81	0.29	0.57	D

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1	Ghaggar at Mubarikpur Rest House	1023	8.6.2023	SW 1845	H/o Lab Patiala	55	610	605	371	317	40	14	163	42	14	253	BDL	8.2	1.3	11.5	2.9	1.3	56	24
2	Ghaggar at Bhankarpur	1295	8.6.2023	SW 1846	H/o Lab Patiala	117	460	380	587	501	86	27	360	91	32	297	BDL	10.6	2.6	14.8	2.8	1.7	91	50
3	Ghaggar at Chattbir	1698	8.6.2023	SW 1847	H/o Lab Patiala	120	470	433	541	462	80	24	324	82	29	272	BDL	11.0	2.3	15.4	2.8	1.9	81	49
4	Ghaggar at U/s Jharmal Nadi	1702	8.6.2023	SW 1848	H/o Lab Patiala	83	410	315	481	410	61	22	265	63	26	263	BDL	10.5	2.0	14.7	2.2	1.3	75	46
5	Ghaggar at D/s Jharmal Nadi	1701	8.6.2023	SW 1849	H/o Lab Patiala	98	370	319	515	438	63	26	288	69	28	286	BDL	10.8	2.4	15.1	2.6	1.8	78	49
6	Ghaggar at U/s Dhakanshu Nallah	1699	8.6.2023	SW 1851	H/o Lab Patiala	70	300	288	462	393	54	22	244	58	24	273	BDL	10.7	1.9	15.0	2.0	1.5	69	41
7	Ghaggar at D/s Dhakanshu Nallah	1700	8.6.2023	SW 1852	H/o Lab Patiala	102	430	418	586	499	84	29	351	89	31	298	BDL	11.9	2.9	16.7	2.9	2.0	89	52
8	Ghaggar at Rattanheri	1473	9.6.2023	SW 1859	H/o Lab Patiala	104	210	179	610	521	87	33	345	85	32	315	BDL	11.4	3.1	16.0	3.7	1.9	93	59
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	9.6.2023	SW 1860	H/o Lab Patiala	99	200	175	581	494	83	31	324	81	29	309	BDL	11.6	3.0	16.2	3.2	1.7	86	52
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	9.6.2023	SW 1861	H/o Lab Patiala	120	230	200	658	560	89	42	405	96	40	329	BDL	11.0	3.6	15.4	4.0	2.0	98	62
11	Ghaggar at Khanauri	1024	9.6.2023	SW 1864	H/o Lab Patiala	98	210	185	630	538	93	38	378	92	36	318	BDL	11.8	3.4	16.5	3.8	1.8	92	57
12	Ghaggar at Moonak	1703	9.6.2023	SW 1866	H/o Lab Patiala	124	270	230	714	610	98	50	467	101	52	348	BDL	12.2	3.9	17.1	4.3	2.2	104	66
13	Ghaggar at U/s Sardulgarh	1705	12.6.2023	SW 1867	H/o Lab Patiala	60	35	22	357	306	34	19	162	32	20	241	BDL	8.2	1.2	11.5	2.2	1.0	51	27
14	Ghaggar at D/s Sardulgarh	1704	12.6.2023	SW 1868	H/o Lab Patiala	76	65	50	435	371	50	26	229	47	27	262	BDL	9.6	1.7	13.4	2.8	1.3	63	35

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	7.6.2023	SW 1806	H.O. Lab Patiala	7.6	BDL	163	5510	.350000	110000	0.27	6.59	1.62	E
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	7.6.2023	SW 1807	H.O. Lab Patiala	7.5	BDL	92	2870	170000	70000	0.47	3.35	1.45	E
3	Point Source B/N	2914	20.06.23	SW 11	ZO Lab Ldh	7.2	BDL	140	1400	94,00,000	33,00,000	0.220	4.84	0.68	E
4	Kali Bein into Beas	2913	07/06/23	S215	ZO Lab, Jal	7.5	4.6	3	306	3400	1300	0.022	0.81	0.41	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	14/06/23	SW 244	ZO Lab, Jal	8.3	BDL	100	2384	210000	49000	2.0	6.96	0.34	E
7	Hundiara drain before entering Pakistan	2907	14/06/23	SW 245	ZO Lab, Jal	8.1	BDL	45	1064	94000	33000	0.91	3.64	0.49	E
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected												
9	Ranjit Sagar Reservoir	2912	09/06/23	SW 219	ZO Lab, Jal	8.2	8.8	1	190	94	26	BDL	0.17	BDL	B
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	8.6.2023	SW 1853	H.O. Lab Patiala	7.7	BDL	57	1665	120000	21000	0.09	2.15	0.96	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	9.6.2023	SW 1862	H.O. Lab Patiala	7.8	BDL	38	1358	35000	6300	0.43	2.08	0.81	E
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	8.6.2023	SW 1857	H.O. Lab Patiala	7.5	BDL	115	2772	430000	120000	0.77	3.91	1.29	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	23.06.23	SW 23	ZO Lab Ldh	7.8	8.0	1.2	262	790	220	0.045	0.26	0.13	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 June, 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 ₄ Mg/l	TH mg/l	Ca mg/l	Mg mg/l	T.Alkn mg/l	P.Alkn 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	7.6.2023	SW 1806	H.O. Lab Patiala	516	620	594	3578	3042	743	178	2421	478	298	1107	BDL	9.4	5.2	13.2	7.9	7.9	745	310
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	7.6.2023	SW 1807	H.O. Lab Patiala	309	300	287	1862	1383	263	169	1416	273	178	517	BDL	19.7	3.6	27.6	6.6	5.9	290	303
3	Point Source B/N	2914	20.06.23	SW 11	ZO Lab Ldh	436	220	384	1017	760	350	53	304	72	30.1	402	BDL	22	3.6	34	6.8	0.57	194	27
4	Kali Bein into Beas	2913	07/06/23	S215	ZO Lab, Jal	18	20	28	182	149	16	12	114	29	10	110	BDL	1.1	1.9	1.8	0.22	0.22	20	3.5
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	14/06/23	SW 244	ZO Lab, Jal	240	142	120	1230	871	302	98	304	81	25	460	BDL	20	4.4	28	3.2	0.37	279	10
7	Hundiara drain before entering Pakistan	2907	14/06/23	SW 245	ZO Lab, Jal	120	75	64	591	411	84	42	226	58	19	270	BDL	14	6.2	22	2.7	0.39	126	13
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	09/06/23	SW 219	ZO Lab, Jal	6	23	20	107	90	9	7	84	23	6.3	68	BDL	BDL	0.8	BDL	BDL	0.13	3.5	1.5
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	8.6.2023	SW 1853	H.O. Lab Patiala	225	270	253	1087	924	166	105	960	198	113	321	BDL	9.3	2.6	13.0	6.3	5.5	153	102
11	Sagar Para Drain at village sagra dist.Patiala	4158	9.6.2023	SW 1862	H.O. Lab Patiala	129	190	138	878	748	119	92	798	138	98	310	BDL	8.6	2.0	12.0	4.3	3.7	131	78
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	8.6.2023	SW 1857	H.O. Lab Patiala	369	390	349	1799	1531	323	153	1508	343	158	398	BDL	21.9	4.6	30.6	6.7	6.9	349	168
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	23.06.23	SW 23	ZO Lab LDH	8	21	21	168	149	15	18	130	36	9.7	96	BDL	1.3	2.2	1.9	0.34	0.20	6.8	3.2

Note. 1. BDL means Below Method Detection Limit

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