

### Analysis results of Surface water monitoring under NWMP for the month of July, 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	17.07.23	SW 36	ZO Lab LDH	8.0	7.4	BDL	232	110	45	BDL	0.15	BDL	B
2	River River Sutlej at D/S NFL	1380	17.07.23	SW 37	ZO Lab LDH	8.2	8.6	BDL	249	140	92	BDL	0.16	BDL	B
3	River Sutlej at 100m D/s PACL Nangal	2915	17.07.23	SW 38	ZO Lab LDH	8.2	8.8	BDL	248	150	68	BDL	0.15	BDL	B
4	River River Sutlej at D/s Nangal	1018	17.07.23	SW 39	ZO Lab LDH	8.5	8.5	BDL	249	100	40	BDL	0.19	0.14	B
5	River River Sutlej at Kiratpur Sahib	1814	18.07.23	SW 42	ZO Lab LDH	8.0	7.2	BDL	290	240	140	BDL	0.20	0.11	B
6	Ropar Head-Works	1019	18.07.23	SW 45	ZO Lab LDH	8.2	6.4	BDL	280	1300	450	BDL	0.22	0.16	C
7	River River Sutlej D/S of Rishab- Paper Mills	1293	18.07.23	SW 46	ZO Lab LDH	8.1	7.0	BDL	282	1400	450	BDL	0.23	0.14	C
8	River River Sutlej U/S Buddha Nallah	1690	19.07.23	SW 50	ZO Lab LDH	8.0	6.9	BDL	302	1300	490	0.125	0.31	0.21	C
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	19.07.23	SW 52	ZO Lab LDH	7.5	1.5	18	891	15,00,000	3,20,000	0.174	3.70	0.41	E
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	20.07.23	SW 54	ZO Lab LDH /HO Lab PAT	7.8	5.2	2.2	322	40,000	17,000	0.028	0.43	0.18	D
11	River River Sutlej at D/s East Bein	1381	20.07.23	SW 56	ZO Lab LDH /HO Lab PAT	7.7	5.0	2.0	320	46,000	14,000	0.024	0.45	0.21	D
12	River Sutlej at Harike	1022	20.07.23	SW 57	ZO Lab LDH /HO Lab PAT	7.6	5.4	1.4	278	3200	1700	BDL	0.41	0.20	C
13	Harike Lake D/S from canal	1382	<b>No Flow observed, Hence sample could not collected</b>												
14	D/S Harike lake	1297	12/07/2023	S 281	ZO Lab, Jal	8.0	8.1	BDL	235	1700	1100	0.045	0.30	0.35	C
15	U/S Hussainiwala H/W Ferozepur	1691	21.07.23	SW 58	ZO Lab LDH /HO Lab PAT	8.0	7.2	BDL	287	1200	320	BDL	0.39	0.14	C
16	D/S Hussainiwala H/W Ferozepur	1692	21.07.23	SW 59	ZO Lab LDH /HO Lab PAT	7.9	7.1	BDL	288	1100	450	BDL	0.40	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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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	17.07.23	SW 36	ZO Lab LDH	BDL	16	BDL	131	117	8	16	122	31.2	10.7	76	BDL	BDL	1.6	BDL	BDL	0.19	3.7	2
2	River River Sutlej at D/S NFL	1380	17.07.23	SW 37	ZO Lab LDH	BDL	21	12	144	129	10	20	138	36.8	11.2	78	BDL	BDL	2.2	BDL	BDL	0.21	4.2	2.1
3	River Sutej at 100m D/s PACL Nangal	2915	17.07.23	SW 38	ZO Lab LDH	BDL	22	13	143	127	9	20	140	37.6	11.2	80	BDL	BDL	2.2	BDL	BDL	0.21	4	2.1
4	River River Sutlej atD/s Nangal	1018	17.07.23	SW 39	ZO Lab LDH	BDL	23	12	141	125	9	19	132	36	10.2	80	BDL	BDL	1.7	BDL	BDL	0.18	4.9	2
5	River River Sutlej at Kiratpur Sahib	1814	18.07.23	SW 42	ZO Lab LDH	BDL	27	18	172	152	26	23	128	32.8	11.2	94	BDL	BDL	2	BDL	BDL	0.19	5.2	2.2
6	Ropar Head-Works	1019	18.07.23	SW 45	ZO Lab LDH	BDL	37	24	173	153	28	26	124	33.6	9.7	92	BDL	BDL	2.6	BDL	BDL	0.20	5.6	2.3
7	River River Sutlej D/S of Rishab-Paper Mills	1293	18.07.23	SW 46	ZO Lab LDH	BDL	42	37	175	156	24	28	120	32.8	9.2	96	BDL	BDL	2.4	BDL	BDL	0.20	5.9	2.4
8	River River Sutlej U/S Buddha Nallah	1690	19.07.23	SW 50	ZO Lab LDH	BDL	70	148	192	164	11	26	128	34.4	10.2	106	BDL	2.5	2	4.1	2.0	0.18	8.1	3.9
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	19.07.23	SW 52	ZO Lab LDH	100	100	170	561	471	140	22	212	57.6	16.5	142	BDL	8.7	3.2	12	2.5	0.31	124	23
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	20.07.23	SW 54	ZO Lab LDH	10	95	106	201	174	17	28	124	34.4	9.2	102	BDL	0.8	2.4	2.8	0.8	0.22	11	4
11	River River Sutlej at D/s East Bein	1381	20.07.23	SW 56	ZO Lab LDH	12	90	116	194	165	16	25	118	32	9.2	100	BDL	0.8	2	2.5	0.7	0.20	11.3	4.1
12	River River Sutlej at Harike	1022	20.07.23	SW 57	ZO Lab LDH	10	60	90	164	142	12	20	108	26.4	10.2	96	BDL	BDL	1.6	2.0	0.5	0.19	9.7	3.8
13	Harike Lake D/S from canal	1382	<b>No Flow observed, Hence sample could not collected</b>																					
14	D/S Harike lake	1297	12/07/2023	S 281	ZO Lab, Jal	7	442	357	150	122	10	8	112	26	11.2	94	BDL	0.9	1.1	1.3	0.17	0.21	7.4	3.3
15	U/S Hussainiwala H/W Ferozepur	1691	21.07.23	SW 58	ZO Lab LDH	BDL	28	20	172	145	14	20	112	30.4	8.7	98	BDL	BDL	1.6	BDL	BDL	0.19	9.6	3.4
16	D/S Hussainiwala H/W Ferozepur	1692	21.07.23	SW 59	ZO Lab LDH	BDL	32	23	176	148	15	22	114	30.4	9.2	102	BDL	BDL	1.5	BDL	BDL	0.20	9.8	3.7

- Note. 1. BDL means Below Method Detection Limit  
2. DBU means Designated Best Use (Class-A,B,C,D & E)  
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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	06/07/2023	S 264	ZO Lab, Jal	8.0	10.1	1.1	244	94	26	0.020	0.59	BDL	B	S
18	River Beas at U/S Pathankot	1694	06/07/2023	S 266	ZO Lab, Jal	8.2	8.2	1.2	247	140	33	0.040	0.29	0.16	B	S
19	River Beas at D/S Pathankot	1695	06/07/2023	S 267	ZO Lab, Jal	7.9	7.8	1	244	170	39	0.018	0.52	0.20	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	06/07/2023	S265	ZO Lab, Jal	8.0	8.1	1.2	259	120	32	0.025	0.66	0.12	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	10/07/2023	S 269	ZO Lab, Jal	8.0	7.3	1	215	220	63	0.040	0.38	0.34	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	10/07/2023	S 270	ZO Lab, Jal	8.1	7.5	BDL	192	280	94	0.039	0.32	0.15	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	10/07/2023	S 272	ZO Lab, Jal	8.1	7.4	1	190	310	140	0.046	0.30	0.25	B	S
24	River Beas at U/s Goindwal	1696	12/07/2023	S 278	ZO Lab, Jal	8.1	8.2	BDL	214	280	130	0.020	0.31	0.13	B	S
25	River Beas at D/s Goindwal	1012	12/07/2023	S 279	ZO Lab, Jal	8.1	8	BDL	218	330	140	0.020	0.29	0.18	B	S
26	Beas at Harike	1697	12/07/2023	S 280	ZO Lab, Jal	8.0	8.1	BDL	222	350	140	0.025	0.33	0.12	B	S

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.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	06/07/2023	S 264	ZO Lab, Jal	11	430	236	140	110	13	7	92	27	6	79	BDL	0.4	0.85	1.3	BDL	0.17	13	2.6
18	River Beas at U/S Pathankot	1694	06/07/2023	S 266	ZO Lab, Jal	10	540	262	133	108	5	8	86	28	4	67	BDL	0.5	1.01	1.4	0.11	0.15	6.2	2.4
19	River Beas at D/S Pathankot	1695	06/07/2023	S 267	ZO Lab, Jal	9	825	586	138	114	9	10	100	30	6	84	BDL	0.4	0.96	1.0	BDL	0.16	12	2.8
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	06/07/2023	S265	ZO Lab, Jal	10	480	248	137	112	13	8	86	29	3	90	BDL	0.5	0.78	1.2	BDL	0.17	14	3.1
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	10/07/2023	S 269	ZO Lab, Jal	9	1135	610	129	105	5	7	92	29	5	79	BDL	0.8	1.21	1.7	BDL	0.15	7.4	3.0
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	10/07/2023	S 270	ZO Lab, Jal	8	1030	692	110	92	5	8	82	27	3	77	BDL	0.6	0.96	1.1	0.11	0.18	6.6	2.6
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	10/07/2023	S 272	ZO Lab, Jal	8	1280	655	102	80	5	10	88	25	6	77	BDL	0.7	0.97	1.4	0.12	0.17	6.4	2.6
24	River Beas at U/s Goindwal	1696	12/07/2023	S 278	ZO Lab, Jal	8	1070	760	122	100	4	7	90	27	5	75	BDL	BDL	1.05	BDL	BDL	0.15	6.6	2.7
25	River Beas at D/s Goindwal	1012	12/07/2023	S 279	ZO Lab, Jal	10	990	700	128	104	4	7	88	28	4	75	BDL	BDL	1.01	BDL	BDL	0.16	6.3	2.6
26	Beas at Harike	1697	12/07/2023	S 280	ZO Lab, Jal	10	1095	780	133	105	6	8	96	30	5	79	BDL	0.5	1.31	1.2	0.10	0.19	7.4	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 July, 2023

## 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	06/07/2023	S 263	ZO Lab, Jal	8.0	10.2	1	192	110	27	BDL	0.37	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 <sub>4</sub> Mg/l	TH mg/l	Ca mg/l	Mg mg/l	T.Alkn mg/l	P.Alkn mg/l	AmnN 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
27	Ravi at U/s of Madhopur H/W	1097	06/07/2023	S 263	ZO Lab, Jal	8	8	10	112	90	10	7	80	20	7.3	62	BDL	BDL	1.15	BDL	BDL	0.12	7.6	2.4

### Analysis results of Surface water monitoring under NWMP for the month of July, 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	5.7.2023	SW 1845	H/o Lab Patiala	7.8	7.0	8	521	21000	2100	1.83	0.29	0.38	D
2	Ghaggar at Bhankarpur	1295	5.7.2023	SW 1846	H/o Lab Patiala	7.9	3.6	17	835	24000	2700	2.13	0.51	0.52	E
3	Ghaggar at Chattbir	1698	5.7.2023	SW 1847	H/o Lab Patiala	7.8	3.2	18	772	28000	3200	2.01	0.41	0.50	E
4	Ghaggar at U/s Jharmal Nadi	1702	5.7.2023	SW 1848	H/o Lab Patiala	7.8	4.0	11	691	21000	2200	1.96	0.40	0.46	D
5	Ghaggar at D/s Jharmal Nadi	1701	5.7.2023	SW 1849	H/o Lab Patiala	7.7	2.8	13	739	24000	3400	1.97	0.34	0.53	E
6	Ghaggar at U/s Dhakanshu Nallah	1699	5.7.2023	SW 1851	H/o Lab Patiala	7.8	4.1	12	665	22000	2600	1.94	0.41	0.50	D
7	Ghaggar at D/s Dhakanshu Nallah	1700	5.7.2023	SW 1852	H/o Lab Patiala	7.7	3.0	16	832	28000	3400	2.02	0.36	0.55	E
8	Ghaggar at Rattanheri	1473	6.7.2023	SW 1859	H/o Lab Patiala	7.5	2.9	17	835	28000	3200	2.11	0.24	0.56	E
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	6.7.2023	SW 1860	H/o Lab Patiala	7.6	3.0	17	606	28000	3200	2.15	0.29	0.53	E
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	6.7.2023	SW 1861	H/o Lab Patiala	7.6	2.1	19	891	28000	3800	2.12	0.28	0.62	E
11	Ghaggar at Khanauri	1024	6.7.2023	SW 1864	H/o Lab Patiala	7.3	3.4	15	881	28000	3900	2.04	0.12	0.65	E
12	Ghaggar at Moonak	1703	6.7.2023	SW 1866	H/o Lab Patiala	7.4	3.0	19	991	28000	4600	2.02	0.19	0.66	D
13	Ghaggar at U/s Sardulgarh	1705	7.7.2023	SW 1867	H/o Lab Patiala	6.73	5.2	8	472	17000	1700	1.57	BDL	0.33	D
14	Ghaggar at D/s Sardulgarh	1704	7.7.2023	SW 1868	H/o Lab Patiala	7.1	4.6	9	567	21000	2100	1.66	BDL	0.36	E

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1	Ghaggar at Mubarikpur Rest House	1023	5.7.2023	SW 1845	H/o Lab Patiala	40	710	797	339	291	35	13	135	36	11	247	BDL	8.4	1.1	11.8	2.2	1.0	49	21
2	Ghaggar at Bhankarpur	1295	5.7.2023	SW 1846	H/o Lab Patiala	78	590	892	543	463	81	24	315	83	26	282	BDL	11.3	2.2	15.8	2.1	1.3	87	43
3	Ghaggar at Chattbir	1698	5.7.2023	SW 1847	H/o Lab Patiala	85	650	694	503	428	75	21	292	77	24	261	BDL	11.6	2.0	16.2	2.2	1.2	79	40
4	Ghaggar at U/s Jharmal Nadi	1702	5.7.2023	SW 1848	H/o Lab Patiala	50	300	226	447	381	60	19	236	58	22	250	BDL	11.3	2.1	15.8	2.0	1.1	69	38
5	Ghaggar at D/s Jharmal Nadi	1701	5.7.2023	SW 1849	H/o Lab Patiala	60	350	272	482	411	62	23	253	63	23	278	BDL	11.2	1.6	15.7	2.3	1.4	72	40
6	Ghaggar at U/s Dhakanshu Nallah	1699	5.7.2023	SW 1851	H/o Lab Patiala	57	370	346	432	368	53	19	212	52	20	260	BDL	11.6	2.3	16.2	1.6	1.3	65	37
7	Ghaggar at D/s Dhakanshu Nallah	1700	5.7.2023	SW 1852	H/o Lab Patiala	78	290	266	542	463	80	26	314	81	27	286	BDL	12.1	2.8	16.9	2.4	1.6	82	42
8	Ghaggar at Rattanheri	1473	6.7.2023	SW 1859	H/o Lab Patiala	81	250	217	545	464	78	25	301	76	27	291	BDL	11.8	2.6	16.5	2.8	1.6	84	46
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	6.7.2023	SW 1860	H/o Lab Patiala	76	240	195	527	449	74	26	275	72	23	289	BDL	11.6	2.9	16.2	2.7	1.3	82	42
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	6.7.2023	SW 1861	H/o Lab Patiala	96	270	229	581	494	85	31	327	83	29	304	BDL	11.3	2.8	15.8	3.3	1.7	88	49
11	Ghaggar at Khanauri	1024	6.7.2023	SW 1864	H/o Lab Patiala	72	230	237	573	491	84	31	328	82	30	300	BDL	12.4	3.0	17.4	3.2	1.5	85	48
12	Ghaggar at Moonak	1703	6.7.2023	SW 1866	H/o Lab Patiala	91	290	225	648	554	95	45	410	93	43	315	BDL	12.9	3.2	18.1	3.6	1.9	94	51
13	Ghaggar at U/s Sardulgarh	1705	7.7.2023	SW 1867	H/o Lab Patiala	45	60	48	306	261	27	16	135	26	17	219	BDL	8.7	1.0	12.2	1.8	0.8	42	21
14	Ghaggar at D/s Sardulgarh	1704	7.7.2023	SW 1868	H/o Lab Patiala	53	75	63	368	315	39	21	194	41	22	231	BDL	10.2	1.1	14.3	2.0	1.0	53	26

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	10.7.2023	1966	H.O. Lab Patiala	7.7	BDL	141	5110	280000	94000	0.32	6.68	1.31	E
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	10.7.2023	1967	H.O. Lab Patiala	7.9	BDL	78	2558	120000	26000	0.98	3.57	1.02	E
3	Point Source B/N	2914	19.07.23	SW 51	ZO Lab Ldh	7.6	BDL	70	1422	54,00,000	14,00,000	0.500	4.13	0.68	E
4	Kali Bein into Beas	2913	11/07/2023	S 277	ZO Lab, Jal	7.6	5.8	2	324	3100	1400	0.028	2.20	0.48	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	12/07/2023	S 282	ZO Lab, Jal	7.4	BDL	90	1370	170000	40000	0.255	5.51	0.37	E
7	Hundiara drain before entering Pakistan	2907	12/07/2023	S 283	ZO Lab, Jal	7.5	BDL	40	995	84000	23000	0.24	3.24	0.52	E
8	Pathlawa Drain	2911	<b>Drain was found dried, hence sample could not be collected</b>												
9	Ranjit Sagar Reservoir	2912	06/07/2023	S 262	ZO Lab, Jal	8.2	10.1	BDL	174	94	22	BDL	0.18	BDL	B
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	5.7.2023	1902	H.O. Lab Patiala	7.5	BDL	49	1510	110000	11000	0.20	2.12	0.87	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	6.7.2023	1914	H.O. Lab Patiala	7.6	2.8	20	1241	28000	5800	0.24	2.14	0.69	E
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	5.7.2023	1909	H.O. Lab Patiala	7.8	BDL	79	2519	350000	110000	0.78	3.72	1.23	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	18.07.23	SW 44	ZO Lab Ldh	8.2	7	BDL	329	780	200	BDL	0.23	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 July, 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> P mg/l	F mg/l	Na mg/l	K mg/l
1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	10.7.2023	SW 1966	H.O. Lab Patiala	487	700	615	3317	2823	692	161	2069	419	248	1083	BDL	10.6	4.6	14.8	6.2	6.4	698	268
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	10.7.2023	SW 1967	H.O. Lab Patiala	272	310	297	1663	1417	231	143	1119	215	129	478	BDL	21.7	3.1	30.4	6.0	5.2	268	287
3	Point Source B/N	2914	19.07.23	SW 51	ZO Lab Ldh	288	150	316	951	682	245	49	340	89.6	28.2	400	BDL	20	4.7	28	5.0	0.46	175	36
4	Kali Bein into Beas	2913	11/07/2023	SW 277	ZO Lab, Jal	12	115	120	202	157	13	10	94	18	12.2	98	BDL	1.1	1.13	1.6	0.2	0.24	49	7.3
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	12/07/2023	SW 282	ZO Lab, Jal	220	429	480	820	558	160	60	220	56	19	350	BDL	17	3.2	25	2.7	0.36	188	18
7	Hundiara drain before entering Pakistan	2907	12/07/2023	SW 283	ZO Lab, Jal	124	225	234	583	401	71	42	230	59	20	360	BDL	12	2.7	18	2.2	0.34	113	17
8	Pathlawa Drain	2911	<b>Drain was found dried, hence sample could not be collected</b>																					
9	Ranjit Sagar Reservoir	2912	5.7.2023	SW 1902	ZO Lab, Jal	8	8	11	98	80	7	5	78	19	7.3	60	BDL	BDL	0.87	BDL	BDL	0.1	3.6	2
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	6.7.2023	SW 1914	H.O. Lab Patiala	192	270	268	981	838	138	92	835	179	94	311	BDL	10.2	2.2	14.3	5.4	5.0	141	98
11	Sagar Para Drain at village sagra dist.Patiala	4158	5.7.2023	SW 1909	H.O. Lab Patiala	80	170	125	807	687	100	81	657	126	83	306	BDL	9.6	1.6	13.4	3.3	3.2	126	65
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	18.07.23	SW 44	H.O. Lab Patiala	293	300	270	1641	1398	293	135	1321	319	127	361	BDL	22.4	4.1	31.4	5.6	6.1	311	143
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	18.07.23	SW 44	ZO Lab LDH	BDL	34	23	212	184	38	29	126	33.6	10.2	118	BDL	BDL	2.4	BDL	BDL	0.21	6	2.5

Note. 1. BDL means Below Method Detection Limit

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