

Analysis results of Surface water monitoring under NWMP for the month of March, 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	14.03.2022	SW 244	ZO Lab LDH	7.7	8.8	BDL	218	120	20	BDL	0.08	BDL	B	S
2	River River Sutlej at D/S NFL	1380	14.03.2022	SW 245	ZO Lab LDH	8.1	8.5	BDL	233	310	92	BDL	0.11	BDL	B	S
3	River Sutlej at 100m D/s PACL Nangal	2915	14.03.2022	SW 246	ZO Lab LDH	8.0	8.4	BDL	234	330	93	BDL	0.14	BDL	B	S
4	River River Sutlej at D/s Nangal	1018	14.03.2022	SW 247	ZO Lab LDH	8.1	8.0	BDL	253	400	100	BDL	0.31	0.17	B	S
5	River River Sutlej at Kiratpur Sahib	1814	15.03.2022	SW 249	ZO Lab LDH	8.1	9.4	BDL	227	630	110	BDL	0.42	0.19	C	S
6	Ropar Head-Works	1019	15.03.2022	SW 252	ZO Lab LDH	7.9	9.0	BDL	240	2100	450	BDL	0.61	0.14	C	S
7	River River Sutlej D/S of Rishab- Paper Mills	1293	15.03.2022	SW 253	ZO Lab LDH	8.1	8.5	BDL	232	2700	680	BDL	0.40	0.39	C	S
8	River River Sutlej U/S Buddha Nallah	1690	16.03.2022	SW 261	ZO Lab LDH	7.9	6.5	1.1	308	3900	1100	0.049	1.28	0.46	C	S
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	16.03.2022	SW 263	ZO Lab LDH	7.4	BDL	18	551	46,00,000	13,00,000	0.089	1.64	0.42	E	U
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	17.03.2022	SW 265	ZO Lab LDH	7.1	4.1	7	388	3,80,000	1,30,000	0.002	0.83	0.24	D	U
11	River River Sutlej at D/s East Bein	1381	17.03.2022	SW 266	ZO Lab LDH	7.1	2.2	9	655	7,90,000	3,30,000	0.002	2.01	0.55	E	U
12	River Sutlej at Harike	1022	17.03.2022	SW 267	ZO Lab LDH	7.2	5.8	2.2	325	4700	2000	0.011	0.64	0.43	C	S
13	Harike Lake D/S from canal	1382	11/03/2022	S101	ZO Lab, Jal	8.3	8.5	1.3	252	630	260	0.240	0.53	0.50	C	S
14	D/S Harike lake	1297	11/03/2022	S100	ZO Lab, Jal	8.2	7.8	1.1	237	790	270	0.144	0.45	0.56	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	22.03.2022	SW 271	ZO Lab LDH	7.3	5.6	BDL	291	1200	400	BDL	0.75	0.26	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	22.03.2022	SW 272	ZO Lab LDH	7.4	5.7	BDL	302	1400	460	BDL	0.67	0.33	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	14.03.2022	SW 244	ZO Lab LDH	BDL	BDL	BDL	118	105	7	5	106	25.6	10.2	70	BDL	BDL	1.3	BDL	BDL	0.30	1.8	0.8
2	River River Sutlej at D/S NFL	1380	14.03.2022	SW 245	ZO Lab LDH	BDL	BDL	BDL	130	113	10	7	114	27.2	11.2	75	BDL	BDL	1.4	BDL	BDL	0.25	2.7	0.9
3	River Sutej at 100m D/s PACL Nangal	2915	14.03.2022	SW 246	ZO Lab LDH	BDL	BDL	BDL	133	114	9	7	114	26.4	11.7	73	BDL	BDL	1.3	BDL	BDL	0.26	3.4	1.3
4	River River Sutlej atD/s Nangal	1018	14.03.2022	SW 247	ZO Lab LDH	BDL	2	BDL	142	122	9	8	126	30.4	12.2	85	BDL	BDL	1.3	BDL	BDL	0.25	8.1	2.4
5	River River Sutlej at Kiratpur Sahib	1814	15.03.2022	SW 249	ZO Lab LDH	BDL	5	BDL	126	110	11	9	108	25.6	10.7	70	BDL	BDL	1.2	BDL	BDL	0.30	10	2.9
6	Ropar Head-Works	1019	15.03.2022	SW 252	ZO Lab LDH	BDL	12	16	136	120	12	8	114	28	10.7	73	BDL	BDL	1.3	BDL	BDL	0.21	15	3.2
7	River River Sutlej D/S of Rishab-Paper Mills	1293	15.03.2022	SW 253	ZO Lab LDH	BDL	11	14	138	118	8	6	118	28.8	11.2	77	BDL	BDL	1.4	BDL	BDL	0.40	10	3.6
8	River River Sutlej U/S Buddha Nallah	1690	16.03.2022	SW 261	ZO Lab LDH	16	70	110	185	157	18	15	126	30.4	12.2	90	BDL	1.1	2.2	1.6	0.26	0.40	33	7.7
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	16.03.2022	SW 263	ZO Lab LDH	88	120	138	341	260	76	35	162	39.2	15.6	135	BDL	5.9	2.8	7.6	1.11	0.43	48	15
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	17.03.2022	SW 265	ZO Lab LDH	42	90	122	284	223	68	36	144	34.4	14.1	119	BDL	3.0	3.0	4.2	0.86	0.24	23	8
11	River River Sutlej at D/s East Bein	1381	17.03.2022	SW 266	ZO Lab LDH	56	100	134	395	308	70	46	168	40.8	16.0	197	BDL	3.8	3.2	4.8	1.32	0.24	60	18.3
12	River River Sutlej at Harike	1022	17.03.2022	SW 267	ZO Lab LDH	16	60	92	212	174	33	27	134	32	13.1	112	BDL	1.1	1.7	1.7	0.22	0.30	17	4
13	Harike Lake D/S from canal	1382	11/3/2022	S101	ZO Lab, Jal	17	41	68	156	132	15	14	98	29	6	90	BDL	2.4	1.8	3.7	0.19	0.16	12	3.8
14	D/S Harike lake	1297	11/3/2022	S100	ZO Lab, Jal	14	25	42	140	119	13	12	94	29	5	92	BDL	1.8	1.4	2.9	0.15	0.12	10	3.4
15	U/S Hussainiwala H/W Ferozepur	1691	22.03.2022	SW 271	ZO Lab LDH	BDL	16	21	184	158	20	18	110	26.4	10.7	118	BDL	BDL	1.2	BDL	0.23	0.24	18	4.3
16	D/S Hussainiwala H/W Ferozepur	1692	22.03.2022	SW 272	ZO Lab LDH	BDL	20	26	185	156	18	19	122	28.8	12.2	118	BDL	BDL	1.3	BDL	0.26	0.20	17	5

- Note. 1. BDL means Below Method Detection Limit
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River Beas

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17	River Beas at Talwara H/W	1693	09/03/2022	S80	ZO Lab, Jal	7.9	7.9	1.0	222	120	26	0.041	0.50	BDL	B	S
18	River Beas at U/S Pathankot	1694	09/03/2022	S82	ZO Lab, Jal	8.1	9.1	1.3	293	330	170	0.059	0.36	0.20	B	S
19	River Beas at D/S Pathankot	1695	09/03/2022	S83	ZO Lab, Jal	8.4	8.4	1.2	279	460	210	0.125	0.41	0.24	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	09/03/2022	S81	ZO Lab, Jal	7.9	9.0	1.3	265	330	130	0.045	0.50	0.15	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	10/03/2022	S88	ZO Lab, Jal	7.8	10.4	1.2	290	460	230	0.042	0.56	0.44	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	10/03/2022	S89	ZO Lab, Jal	7.8	9.2	1.1	230	280	70	0.063	0.46	0.19	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	10/03/2022	S90	ZO Lab, Jal	8.2	9.0	1.2	248	220	79	0.112	0.51	0.27	B	S
24	River Beas at U/s Goindwal	1696	11/03/2022	S97	ZO Lab, Jal	8.4	8.8	1.0	228	140	63	0.125	0.47	0.14	B	S
25	River Beas at D/s Goindwal	1012	11/03/2022	S98	ZO Lab, Jal	8.2	8.7	1.0	235	220	70	0.072	0.42	0.21	B	S
26	Beas at Harike	1697	11/03/2022	S99	ZO Lab, Jal	8.1	9.0	1.0	226	280	79	0.065	0.45	0.10	B	S

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17	River Beas at Talwara H/W	1693	09/03/2022	S80	ZO Lab, Jal	11	14	28	125	98	10	8	92	28	5	94	BDL	0.9	0.8	1.6	0.16	0.13	11	3.4
18	River Beas at U/S Pathankot	1694	09/03/2022	S82	ZO Lab, Jal	14	15	30	175	146	14	12	98	31	5	96	BDL	0.9	0.8	1.6	0.12	0.13	8.3	2.6
19	River Beas at D/S Pathankot	1695	09/03/2022	S83	ZO Lab, Jal	13	24	42	163	130	13	10	101	31	6	90	BDL	1.0	0.8	1.5	0.14	0.12	9.6	2.9
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	09/03/2022	S81	ZO Lab, Jal	15	16	26	168	134	12	10	91	30	4	92	BDL	1.0	0.9	1.8	0.16	0.16	11	3.2
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	10/03/2022	S88	ZO Lab, Jal	14	28	44	168	132	14	12	102	31	6	102	BDL	1.2	1.1	1.9	0.18	0.17	13	4.0
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	10/03/2022	S89	ZO Lab, Jal	12	32	58	132	105	14	12	88	28	4	77	BDL	1.8	1.6	3.3	0.20	0.18	9.9	3.1
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	10/03/2022	S90	ZO Lab, Jal	15	30	50	143	120	14	13	102	33	5	100	BDL	1.4	1.2	2.1	0.18	0.17	12	3.4
24	River Beas at U/s Goindwal	1696	11/03/2022	S97	ZO Lab, Jal	11	26	44	134	106	12	10	86	25	5	90	BDL	1.0	0.9	1.6	0.11	0.13	9.8	3.7
25	River Beas at D/s Goindwal	1012	11/03/2022	S98	ZO Lab, Jal	12	28	48	138	108	13	11	94	27	7	88	BDL	0.9	1.0	1.6	0.13	0.14	9.4	4.3
26	Beas at Harike	1697	11/03/2022	S99	ZO Lab, Jal	11	36	59	132	110	13	14	92	27	6	86	BDL	1.0	0.9	1.7	0.14	0.13	10	3.2

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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	09/03/2022	S79	ZO Lab, Jal	7.8	8.9	1.0	203	110	22	0.025	0.17	BDL	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	SO ₄ Mg/l	TH mg/l	Ca mg/l	Mg mg/l	T.Alkn mg/l	P.Alkn mg/l	AmnN 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
27	Ravi at U/s of Madhopur H/W	1097	09/03/2022	S79	ZO Lab, Jal	10	14	26	116	96	9	7	81	25	4	81	BDL	0.7	0.7	BDL	0.12	0.14	3.5	2.7

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

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 µs/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	9/3/2022	5799	H/o Lab Patiala	7.5	6.2	8	467	22000	2700	0.21	1.80	0.24	D	U
2	Ghaggar at Bhankarpur	1295	9/3/2022	5800	H/o Lab Patiala	7.4	4.2	14	525	28000	4600	0.17	1.84	0.38	D	U
3	Ghaggar at Chattbir	1698	9/3/2022	5801	H/o Lab Patiala	7.2	4.0	15	614	28000	5800	0.12	2.11	0.41	D	U
4	Ghaggar at U/s Jharmal Nadi	1702	9/3/2022	5802	H/o Lab Patiala	8.0	4.3	10	487	22000	2700	0.54	1.69	0.40	D	U
5	Ghaggar at D/s Jharmal Nadi	1701	9/3/2022	5803	H/o Lab Patiala	7.1	3.3	12	545	24000	3400	0.01	1.71	0.42	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	9/3/2022	5807	H/o Lab Patiala	7.7	4.2	10	493.	24000	3400	0.34	1.39	0.40	D	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	9/3/2022	5808	H/o Lab Patiala	7.5	3.7	13	672	28000	4600	0.26	2.00	0.43	E	U
8	Ghaggar at Rattanheri	1473	22/3/2022	5815	H/o Lab Patiala	7.3	3.1	11	613	28000	3800	0.13	1.82	1.33	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	23/3/2022	5816	H/o Lab Patiala	7.3	3.4	10	594	28000	3300	0.12	1.85	0.49	E	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	23/3/2022	5817	H/o Lab Patiala	7.4	2.9	14	704	35000	4700	0.18	1.86	0.94	E	U
11	Ghaggar at Khanauri	1024	23/3/2022	5820	H/o Lab Patiala	7.3	3.1	15	692	35000	5800	0.14	2.02	0.93	E	U
12	Ghaggar at Moonak	1703	23/3/2022	5822	H/o Lab Patiala	7.4	3.0	16	710	43000	9200	0.22	2.06	0.58	E	U
13	Ghaggar at U/s Sardulgarh	1705	23/3/2022	5823	H/o Lab Patiala	7.7	6.2	10	472	21000	2600	0.32	1.57	0.27	D	U
14	Ghaggar at D/s Sardulgarh	1704	23/3/2022	5824	H/o Lab Patiala	7.6	5.8	11	543	28000	3200	0.28	1.58	0.35	D	U

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1	Ghaggar at Mubarikpur Rest House	1023	9/3/2022	5799	H/o Lab Patiala	37	415	423	299	255	27	8	118	29	11	216	BDL	10.3	0.7	14.4	1.1	1.0	45	18
2	Ghaggar at Bhankarpur	1295	9/3/2022	5800	H/o Lab Patiala	71	430	438	329	283	31	10	163	42	14	220	BDL	11.2	1.0	15.7	1.0	1.1	54	20
3	Ghaggar at Chattbir	1698	9/3/2022	5801	H/o Lab Patiala	76	480	473	399	339	39	12	192	47	18	238	BDL	11.6	1.1	16.2	1.2	1.2	67	27
4	Ghaggar at U/s Jharmal Nadi	1702	9/3/2022	5802	H/o Lab Patiala	54	390	310	298	254	26	11	112	30	9	218	BDL	10.7	1.1	15.0	1.1	1.0	41	17
5	Ghaggar at D/s Jharmal Nadi	1701	9/3/2022	5803	H/o Lab Patiala	62	400	409	345	294	33	10	175	45	15	221	BDL	11.9	1.1	16.8	1.3	1.2	52	23
6	Ghaggar at U/s Dhakanshu Nallah	1699	9/3/2022	5807	H/o Lab Patiala	51	230	239	318	272	37	10	148	38	13	211	BDL	11.3	1.0	15.7	1.2	1.1	39	17
7	Ghaggar at D/s Dhakanshu Nallah	1700	9/3/2022	5808	H/o Lab Patiala	66	230	243	419	357	49	17	227	51	24	239	BDL	13.2	1.2	18.5	1.2	1.3	69	34
8	Ghaggar at Rattanheri	1473	22/3/2022	5815	H/o Lab Patiala	61	240	253	393	337	46	18	199	45	21	227	BDL	12.7	1.2	17.8	1.3	1.2	59	27
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	23/3/2022	5816	H/o Lab Patiala	60	230	227	378	321	41	16	179	42	18	223	BDL	12.4	1.1	17.4	1.3	1.0	57	26
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	23/3/2022	5817	H/o Lab Patiala	65	250	262	413	353	49	19	211	48	22	232	BDL	11.7	1.2	16.4	1.4	1.2	62	31
11	Ghaggar at Khanauri	1024	23/3/2022	5820	H/o Lab Patiala	68	260	277	411	352	43	18	191	45	19	239	BDL	14.3	1.1	20.0	1.4	1.3	64	32
12	Ghaggar at Moonak	1703	23/3/2022	5822	H/o Lab Patiala	74	270	283	463	394	56	27	258	57	28	251	BDL	14.5	1.2	20.3	1.4	1.3	76	43
13	Ghaggar at U/s Sardulgarh	1705	23/3/2022	5823	H/o Lab Patiala	53	45	57	307	262	29	10	136	33	13	216	BDL	10.7	1.0	14.5	1.2	1.1	42	18
14	Ghaggar at D/s Sardulgarh	1704	23/3/2022	5824	H/o Lab Patiala	60	50	62	353	301	36	13	183	42	19	226	BDL	11.2	1.1	15.7	1.2	1.2	49	23

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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	FColi MPN/ 100ml	Free Amm. mg/l	SAR	B mg/l	Water quality as per DBU	Water Quality Index
1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	16/3/2022	5812	H.O. Lab Patiala	8.1	BDL	111	4163	430000	130000	0.62	6.04	1.41	E	U
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	16/3/2022	5813	H.O. Lab Patiala	7.7	BDL	56	2472	350000	120000	0.69	2.79	1.33	E	U
3	Point Source B/N	2914	16.03.2022	SW 262	ZO Lab LDH	7.3	BDL	170	1857	94,00,000	33,00,000	0.266	4.10	0.60	E	U
4	Kali Bein into Beas	2913	16/03/2022	S107	ZO Lab, Jal	8.1	6.1	1.5	304	1100	330	0.104	0.76	0.55	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	16/03/2022	S111	ZO Lab, Jal	8.2	BDL	210	2700	790000	270000	4.720	8.68	0.41	E	U
7	Hundiara drain before entering Pakistan	2907	16/03/2022	S112	ZO Lab, Jal	8.4	BDL	61	1583	580000	250000	6.000	5.24	0.62	E	U
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected													
9	Ranjit Sagar Reservoir	2912	09/03/22	S78	ZO Lab, Jal	8.1	8.8	1.0	198	110	21	0.039	0.25	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	9/3/2022	5707	H.O. Lab Patiala	7.6	BDL	32	972	120000	26000	0.21	1.83	1.10	E	U
11	Sagar Para Drain at village sagra dist.Patiala	4158	22/3/2022	5818	H.O. Lab Patiala	7.5	BDL	17	842	70000	6800	0.15	1.67	0.5.	E	U
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	9/3/2022	5811	H.O. Lab Patiala	7.2	BDL	43	1225	430000	130000	0.19	2.96	1.03	E	U
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	15.03.2022	SW 251	ZO Lab LDH	8.0	8.6	BDL	313	1700	450	BDL	0.83	0.28	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

Analysis results of Surface water monitoring under NWMP for the month of March, 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.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	16/3/2022	5812	H.O. Lab Patiala	419	440	393	2642	2247	527	211	1465	272	192	974	BDL	9.5	4.3	13.3	4.6	4.1	532	177
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	16/3/2022	5813	H.O. Lab Patiala	211	310	329	1602	1363	242	143	1103	237	124	553	BDL	23.0	4.0	32.2	4.6	3.7	213	229
3	Point Source B/N	2914	16.03.2022	SW 262	ZO Lab LDH	528	190	332	1142	846	384	52	336	80.8	32.6	551	BDL	26.6	4.9	34.5	5.36	0.80	173	23
4	Kali Bein into Beas	2913	16/03/2022	S107	ZO Lab, Jal	14	10	24	175	148	16	15	94	28	6	96	BDL	1.6	1.2	2.4	0.17	0.18	17	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	16/03/2022	S111	ZO Lab, Jal	538	104	184	1580	1190	230	110	261	62	26	640	BDL	59	9.2	67	8.9	0.49	323	35
7	Hundiara drain before entering Pakistan	2907	16/03/2022	S112	ZO Lab, Jal	244	50	160	910	695	115	92	238	58	22	466	BDL	48	8.9	54	7.1	0.40	185	35
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	09/03/22	S78	ZO Lab, Jal	10	12	22	106	85	10	6	78	22	6	73	BDL	0.6	BDL	BDL	BDL	0.12	5.1	2.6
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	9/3/2022	5707	H.O. Lab Patiala	126	215	167	632	538	86	49	450	96	51	266	BDL	8.2	2.4	11.5	3.6	2.3	89	51
11	Sagar Para Drain at village sagra dist.Patiala	4158	22/3/2022	5818	H.O. Lab Patiala	76	230	192	545	464	64	46	382	72	49	253	BDL	7.6	1.2	10.6	1.2	1.2	75	48
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	9/3/2022	5811	H.O. Lab Patiala	178	245	269	794	676	98	74	602	117	75	297	BDL	19.0	3.4	26.6	2.4	2.2	167	74
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	15.03.2022	SW 251	ZO Lab LDH	BDL	17	26	179	154	26	14	138	32.8	13.6	73	BDL	BDL	1.5	BDL	BDL	0.30	22.3	3.4

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