

Analysis results of Surface water monitoring under NWMP for the month of January, 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	11.01.2022	SW 139	ZO Lab LDH	8.0	8.3	BDL	215	140	36	BDL	0.49	BDL	B	S
2	River River Sutlej at D/S NFL	1380	11.01.2022	SW 140	ZO Lab LDH	8.0	9.0	BDL	217	270	78	BDL	0.43	BDL	B	S
3	River Sutlej at 100m D/s PACL Nangal	2915	11.01.2022	SW 141	ZO Lab LDH	7.9	9.0	BDL	216	390	92	BDL	0.41	BDL	B	S
4	River River Sutlej at D/s Nangal	1018	11.01.2022	SW 142	ZO Lab LDH	8.0	9.7	BDL	247	470	92	BDL	0.43	0.12	B	S
5	River River Sutlej at Kiratpur Sahib	1814	14.01.2022	SW 160	ZO Lab LDH	8.2	9.7	BDL	248	630	92	BDL	0.52	0.20	C	S
6	Ropar Head-Works	1019	14.01.2022	SW 163	ZO Lab LDH	8.0	8.8	BDL	331	3400	830	BDL	0.66	0.14	C	S
7	River River Sutlej D/S of Rishab- Paper Mills	1293	14.01.2022	SW 164	ZO Lab LDH	8.2	9.0	BDL	348	3400	1100	BDL	0.76	0.28	C	S
8	River River Sutlej U/S Buddha Nallah	1690	17.01.2022	SW 166	ZO Lab LDH	7.9	8.0	1.2	371	3900	1700	0.040	0.85	0.30	C	S
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	17.01.2022	SW 168	ZO Lab LDH	7.4	1.2	19	667	28,00,000	9,40,000	0.075	2.42	0.50	E	U
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	18.01.2022	SW 170	ZO Lab LDH	7.6	4.8	4.8	465	2,20,000	70,000	0.070	1.52	0.30	D	U
11	River River Sutlej at D/s East Bein	1381	18.01.2022	SW 171	ZO Lab LDH	7.7	4.1	7.2	591	6,30,000	2,10,000	0.135	2.17	0.41	D	U
12	River Sutlej at Harike	1022	18.01.2022	SW 172	ZO Lab LDH	7.8	5.8	2.0	324	4700	2100	0.035	0.99	0.33	C	S
13	Harike Lake D/S from canal	1382	14/01/22	S16	ZO Lab, Jal	8.1	9.1	1.2	240	630	210	0.195	0.26	0.34	C	S
14	D/S Harike lake	1297	14/01/22	S15	ZO Lab, Jal	8.0	8.8	1.0	243	790	270	0.095	0.25	0.50	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	18.01.2022	SW 173	ZO Lab LDH	7.8	7.2	1.1	291	1100	450	BDL	0.99	0.19	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	18.01.2022	SW 174	ZO Lab LDH	7.8	7.0	1.2	300	1200	610	BDL	0.94	0.34	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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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	11.01.2022	SW 139	ZO Lab Ldh	BDL	BDL	BDL	122	108	7	6	106	25.6	10.2	70	BDL	BDL	1.2	BDL	BDL	0.21	11.6	1.2
2	River River Sutlej at D/S NFL	1380	11.01.2022	SW 140	ZO Lab Ldh	BDL	2	BDL	126	110	9	8	108	27.2	9.7	68	BDL	BDL	1.5	BDL	BDL	0.25	10.3	1.4
3	River Sutej at 100m D/s PACL Nangal	2915	11.01.2022	SW 141	ZO Lab Ldh	BDL	2	BDL	125	111	8	9	106	26.4	9.7	64	BDL	BDL	1.6	BDL	BDL	0.26	9.6	1.3
4	River River Sutlej atD/s Nangal	1018	11.01.2022	SW 142	ZO Lab Ldh	BDL	4	BDL	146	126	9	8	118	28.8	11.2	72	BDL	BDL	1.4	BDL	BDL	0.25	10.8	1.4
5	River River Sutlej at Kiratpur Sahib	1814	14.01.2022	SW 160	ZO Lab Ldh	BDL	3	BDL	145	128	7	8	120	29.6	11.2	74	BDL	BDL	1.2	BDL	BDL	0.25	13.1	1.4
6	Ropar Head-Works	1019	14.01.2022	SW 163	ZO Lab Ldh	BDL	39	48	195	171	15	12	164	37.6	17.0	108	BDL	BDL	1.3	BDL	BDL	0.21	19.3	2.0
7	River River Sutlej D/S of Rishab-Paper Mills	1293	14.01.2022	SW 164	ZO Lab Ldh	BDL	23	38	205	178	16	14	146	34.4	14.6	110	BDL	BDL	1.2	BDL	BDL	0.32	21.2	2.4
8	River River Sutlej U/S Buddha Nallah	1690	17.01.2022	SW 166	ZO Lab Ldh	7	56	84	215	187	21	19	152	36	15.1	118	BDL	0.9	1.6	1.6	0.32	0.34	24.2	2.3
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	17.01.2022	SW 168	ZO Lab LDH	88	85	152	416	318	80	34	186	45.6	17.5	194	BDL	5.0	1.8	7.1	2.12	0.57	76	7.6
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	18.01.2022	SW 170	ZO Lab LDH	20	65	98	276	225	45	32	158	38.4	15.1	132	BDL	2.8	1.5	3.7	1.03	0.21	44	3.7
11	River River Sutlej at D/s East Bein	1381	18.01.2022	SW 171	ZO Lab LDH	43	74	114	359	283	70	35	180	44	17.0	162	BDL	4.5	1.5	6.6	1.45	0.23	67	5.8
12	River River Sutlej at Harike	1022	18.01.2022	SW 172	ZO Lab LDH	12	35	72	191	161	25	16	140	35.2	12.6	120	BDL	1.0	1.3	1.7	0.52	0.27	27	2.7
13	Harike Lake D/S from canal	1382	14/01/22	S16	ZO Lab, Jal	16	44	10	149	115	21	16	105	31	7	98	BDL	3.0	1.4	4.2	0.24	0.16	6.1	3.5
14	D/S Harike lake	1297	14/01/22	S15	ZO Lab, Jal	14	43	11	144	116	16	10	98	29	6	94	BDL	1.9	1.1	2.6	0.16	0.13	5.7	3.6
15	U/S Hussainiwala H/W Ferozepur	1691	18.01.2022	SW 173	ZO Lab Ldh	7	10	22	179	158	20	14	120	29.6	11.2	110	BDL	BDL	1.3	BDL	BDL	0.20	25	3.2
16	D/S Hussainiwala H/W Ferozepur	1692	18.01.2022	SW 174	ZO Lab Ldh	8	11	24	184	162	20	15	124	30.4	11.7	108	BDL	BDL	1.4	BDL	BDL	0.22	24	3.0

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River Beas

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17	River Beas at Talwara H/W	1693	07/01/22	S3	ZO Lab, Jal	8.0	7.9	1.0	191	110	22	0.040	0.42	BDL	B	S
18	River Beas at U/S Pathankot	1694	07/01/22	S5	ZO Lab, Jal	8.0	8.6	1.2	293	220	70	0.040	0.56	0.25	B	S
19	River Beas at D/S Pathankot	1695	07/01/22	S6	ZO Lab, Jal	8.2	8.5	1.2	259	280	79	0.080	0.37	0.33	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	07/01/22	S4	ZO Lab, Jal	7.8	8.8	1.3	282	220	40	0.032	0.43	0.14	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	11/01/22	S7	ZO Lab, Jal	8.2	9.5	1.1	250	330	78	0.096	0.39	0.45	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	11/01/22	S8	ZO Lab, Jal	8.0	8.3	1.0	273	280	79	0.080	0.39	0.21	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	11/01/22	S10	ZO Lab, Jal	8.1	9.5	1.3	217	350	79	0.078	0.22	0.26	B	S
24	River Beas at U/s Goindwal	1696	14/01/22	S12	ZO Lab, Jal	8.0	9.2	BDL<1	242	170	70	0.045	0.36	0.11	B	S
25	River Beas at D/s Goindwal	1012	14/01/22	S13	ZO Lab, Jal	8.1	9.0	1.1	244	280	79	0.065	0.28	0.16	B	S
26	Beas at Harike	1697	14/01/22	S14	ZO Lab, Jal	8.1	9.2	1.0	236	330	78	0.065	0.33	0.13	B	S

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17	River Beas at Talwara H/W	1693	07/01/22	S3	ZO Lab, Jal	9	5	BDL	117	95	10	10	90	26	6	77	BDL	0.8	0.7	BDL	0.13	0.13	9.2	2.5
18	River Beas at U/S Pathankot	1694	07/01/22	S5	ZO Lab, Jal	14	7	BDL	168	135	11	9	104	31	6	102	BDL	0.8	1.1	1.5	0.12	0.15	13	3.7
19	River Beas at D/S Pathankot	1695	07/01/22	S6	ZO Lab, Jal	12	14	10	159	128	10	11	101	30	7	88	BDL	1.0	0.8	1.6	0.14	0.14	8.7	3.3
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	07/01/22	S4	ZO Lab, Jal	14	6	BDL	154	124	12	10	94	27	6	94	BDL	0.9	1.2	1.6	0.14	0.14	9.6	2.5
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	11/01/22	S7	ZO Lab, Jal	14	18	12	157	132	16	14	98	27	8	77	BDL	1.2	1.3	1.9	0.17	0.15	8.9	2.9
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	11/01/22	S8	ZO Lab, Jal	13	36	16	163	128	18	16	99	27	7	73	BDL	1.6	1.3	2.2	0.18	0.17	8.8	10
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	11/01/22	S10	ZO Lab, Jal	14	42	18	134	112	16	14	114	34	7	86	BDL	1.2	1.0	1.7	0.16	0.18	5.5	3.5
24	River Beas at U/s Goindwal	1696	14/01/22	S12	ZO Lab, Jal	10	40	15	142	115	10	8	85	26	5	92	BDL	0.9	0.8	BDL	0.12	0.12	7.7	3.3
25	River Beas at D/s Goindwal	1012	14/01/22	S13	ZO Lab, Jal	12	38	14	147	118	11	9	98	28	7	81	BDL	1.0	0.8	BDL	0.14	0.12	6.5	3.5
26	Beas at Harike	1697	14/01/22	S14	ZO Lab, Jal	11	46	13	139	110	14	12	100	27	8	92	BDL	1.0	0.9	1.7	0.16	0.14	7.5	3.1

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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	07/01/22	S2	ZO Lab, Jal	7.8	8.9	BDL<1	208	110	21	0.021	0.40	BDL	B	S

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27	Ravi at U/s of Madhopur H/W	1097	07/01/22	S2	ZO Lab, Jal	9	3	BDL	127	98	9	8	85	26	5	73	BDL	0.6	0.6	BDL	0.11	0.11	8.5	3.3

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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	11/1/2022	5584	H/o Lab Patiala	7.6	4.6	8	521	22000	3200	0.22	2.05	0.31	D	U
2	Ghaggar at Bhankarpur	1295	11/1/2022	5585	H/o Lab Patiala	7.4	4.1	13	671	28000	3800	0.15	2.05	0.48	D	U
3	Ghaggar at Chattbir	1698	11/1/2022	5586	H/o Lab Patiala	7.2	4.0	14	691	28000	4000	0.10	2.05	0.50	D	U
4	Ghaggar at U/s Jharmal Nadi	1702	11/1/2022	5587	H/o Lab Patiala	7.6	4.0	11	549	28000	3900	0.0	1.81	0.43	D	U
5	Ghaggar at D/s Jharmal Nadi	1701	11/1/2022	5588	H/o Lab Patiala	7.4	3.5	14	702	35000	4700	0.16	1.74	0.48	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	11/1/2022	5590	H/o Lab Patiala	7.5	4.0	13	635	28000	3800	0.23	1.69	0.40	D	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	11/1/2022	5591	H/o Lab Patiala	7.4	3.0	18	765	35000	4600	0.18	1.93	0.47	E	U
8	Ghaggar at Rattanheri	1473	13/1/2022	5598	H/o Lab Patiala	7.3	3.1	15	715	28000	3900	0.14	1.89	0.52	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	13/1/2022	5599	H/o Lab Patiala	7.4	3.3	15	702	28000	3400	0.20	1.84	0.50	E	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	13/1/2022	5600	H/o Lab Patiala	7.4	2.8	19	748	35000	6300	0.20	1.91	0.54	E	U
11	Ghaggar at Khanauri	1024	13/1/2022	5503	H/o Lab Patiala	7.4	3.4	16	692	28000	4300	0.20	1.85	0.55	E	U
12	Ghaggar at Moonak	1703	13/1/2022	5505	H/o Lab Patiala	7.7	3.2	18	819	35000	7000	0.44	1.93	0.59	E	U
13	Ghaggar at U/s Sardulgarh	1705	19/1/2022	5618	H/o Lab Patiala	7.2	5.3	11	519	22000	3200	0.09	1.65	0.29	D	U
14	Ghaggar at D/s Sardulgarh	1704	19/1/2022	5619	H/o Lab Patiala	7.3	5.1	14	602	24000	3400	0.10	1.73	0.36	D	U

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1	Ghaggar at Mubarikpur Rest House	1023	11/1/2022	5584	H/o Lab Patiala	51	290	315	335	287	35	12	131	31	13	221	BDL	8.8	1.0	12.3	1.2	1.2	54	21
2	Ghaggar at Bhankarpur	1295	11/1/2022	5585	H/o Lab Patiala	83	300	365	429	367	47	19	214	51	21	239	BDL	10.2	1.2	14.2	1.4	1.2	69	31
3	Ghaggar at Chattbir	1698	11/1/2022	5586	H/o Lab Patiala	80	280	310	441	376	53	20	229	55	22	240	BDL	10.5	1.3	14.7	1.5	1.2	71	26
4	Ghaggar at U/s Jharmal Nadi	1702	11/1/2022	5587	H/o Lab Patiala	68	265	275	356	305	33	15	151	37	14	227	BDL	9.9	1.1	13.9	1.3	1.1	51	22
5	Ghaggar at D/s Jharmal Nadi	1701	11/1/2022	5588	H/o Lab Patiala	79	275	285	442	378	54	19	248	61	23	233	BDL	10.9	1.2	15.3	1.3	1.2	63	28
6	Ghaggar at U/s Dhakanshu Nallah	1699	11/1/2022	5590	H/o Lab Patiala	66	180	210	412	353	54	17	215	53	20	229	BDL	11.6	1.2	16.2	1.3	1.2	57	24
7	Ghaggar at D/s Dhakanshu Nallah	1700	11/1/2022	5591	H/o Lab Patiala	84	210	237	498	423	62	27	296	67	31	246	BDL	12.2	1.3	17.1	1.4	1.4	76	38
8	Ghaggar at Rattanheri	1473	13/1/2022	5598	H/o Lab Patiala	81	190	224	463	395	56	23	252	58	26	243	BDL	13.7	1.2	19.2	1.3	1.2	69	37
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	13/1/2022	5599	H/o Lab Patiala	79	170	219	453	386	56	21	237	55	24	241	BDL	13.2	1.2	18.5	1.4	1.2	65	36
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	13/1/2022	5600	H/o Lab Patiala	87	195	239	486	414	59	24	269	63	27	249	BDL	13.0	1.2	18.2	1.4	1.2	72	43
11	Ghaggar at Khanauri	1024	13/1/2022	5503	H/o Lab Patiala	74	180	172	427	363	46	20	214	49	22	238	BDL	13.6	1.1	19.0	1.3	1.2	62	33
12	Ghaggar at Moonak	1703	13/1/2022	5505	H/o Lab Patiala	85	200	209	533	454	66	31	335	73	37	259	BDL	14.6	1.3	20.4	1.3	1.2	81	46
13	Ghaggar at U/s Sardulgarh	1705	19/1/2022	5618	H/o Lab Patiala	56	45	67	311	265	33	11	154	35	16	223	BDL	9.8	1.1	13.7	1.3	1.1	47	22
14	Ghaggar at D/s Sardulgarh	1704	19/1/2022	5619	H/o Lab Patiala	64	50	76	389	331	39	14	197	46	20	233	BDL	10.7	1.2	15.0	1.3	1.2	56	28

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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	14/1/2022	5606	H.O. Lab Patiala	7.1	BDL	75	3774	280000	110000	0.07	5.86	1.44	E	U
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	14/1/2022	5607	H.O. Lab Patiala	7.0	BDL	27	1491	120000	32000	BDL	2.41	0.96	E	U
3	Point Source B/N	2914	17.01.2022	SW 167	Z.O. Lab, Ludhiana	7.2	BDL	140	1790	84,00,000	33,00,000	0.243	4.73	0.76	E	U
4	Kali Bein into Beas	2913	20/01/22	S24	ZO Lab, Jal	8.0	6.8	1.6	255	1100	330	0.075	0.93	0.50	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	14/01/22	S18	ZO Lab, Jal	7.2	BDL	194	2072	630000	170000	0.440	8.38	0.40	E	U
7	Hundiara drain before entering Pakistan	2907	14/01/22	S19	ZO Lab, Jal	7.4	BDL	70	1195	460000	110000	0.480	4.63	0.64	E	U
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected													
9	Ranjit Sagar Reservoir	2912	07/01/22	S1	ZO Lab, Jal	7.7	8.8	BDL<1	217	94	22	0.009	0.46	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	11/1/2022	5592	H.O. Lab Patiala	7.2	1.9	36	1219	170000	63000	0.08	2.24	0.85	E	U
11	Sagar Para Drain at village sagra dist.Patiala	4158	13/1/2022	5601	H.O. Lab Patiala	7.4	1.8	15	829	70000	7800	0.10	1.67	0.30	E	U
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	11/1/2022	5596	H.O. Lab Patiala	7.2	BDL	46	1347	350000	140000	0.20	2.96	1.08	E	U
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	14.01.2022	SW 162	ZO Lab LDH	7.6	6.8	BDL	519	1700	680	BDL	1.04	0.21	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 January, 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	NO3-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	14/1/2022	5606	H.O. Lab Patiala	368	380	413	2265	1927	492	163	1236	211	172	813	BDL	7.2	3.2	10.1	3.8	3.1	473	143
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	14/1/2022	5607	H.O. Lab Patiala	129	260	268	968	823	138	77	716	143	87	264	BDL	19.1	2.6	26.7	3.4	2.1	148	156
3	Point Source B/N	2914	17.01.2022	SW 167	ZO Lab LDH	440	170	340	1143	812	330	52	362	89.6	33.5	546	BDL	24.3	3.1	34.0	8.34	0.92	207	31.2
4	Kali Bein into Beas	2913	20/01/22	S24	ZO Lab, Jal	14	8	BDL	151	122	16	12	100	29	6	90	BDL	1.5	1.0	2.2	0.17	0.16	21	9.6
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	14/01/22	S18	ZO Lab, Jal	524	286	74	1280	910	96	84	211	62	14	668	BDL	44	7.7	54	8.9	0.42	281	27
7	Hundiara drain before entering Pakistan	2907	14/01/22	S19	ZO Lab, Jal	286	215	55	710	565	86	77	182	50	14	421	BDL	32	4.3	39	4.1	0.39	144	28
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	07/01/22	S1	ZO Lab, Jal	8	4	BDL	125	98	10	8	80	24	5	71	BDL	BDL	BDL	BDL	BDL	BDL	9.5	3.3
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	11/1/2022	5592	H.O. Lab Patiala	178	190	219	733	624	98	65	552	104	71	265	BDL	8.3	2.1	11.6	3.5	2.0	121	60
11	Sagar Para Drain at village sagra dist.Patiala	4158	13/1/2022	5601	H.O. Lab Patiala	77	185	196	539	459	61	46	361	67	47	248	BDL	6.9	1.3	9.7	1.4	1.3	73	48
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	11/1/2022	5596	H.O. Lab Patiala	224	195	227	875	744	102	79	655	117	88	319	BDL	20.4	3.2	28.6	2.7	2.0	174	67
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	14.01.2022	SW 162	ZO Lab LDH	BDL	80	56	305	265	30	16	210	48.8	21.4	190	BDL	BDL	1.4	BDL	BDL	0.34	34.5	2.9

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