

Analysis results of Surface water monitoring under NWMP for the month of February, 2021

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 µs/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	05.02.21	SW 1835	ZO Lab Ldh	8.3	8.2	<1	221	93	18	BDL	0.22	BDL	B	S
2	River River Sutlej at D/S NFL	1380	05.02.21	SW 1836	ZO Lab Ldh	8.4	9.9	<1	241	140	45	BDL	0.23	BDL	B	S
3	River Sutlej at 100m D/s PACL Nangal	2915	05.02.21	SW 1837	ZO Lab Ldh	8.4	9.8	<1	242	170	45	BDL	0.22	BDL	B	S
4	River River Sutlej at D/s Nangal	1018	05.02.21	SW 1838	ZO Lab Ldh	8.5	10.4	<1	261	210	61	BDL	0.23	BDL	B	S
5	River River Sutlej at Kiratpur Sahib	1814	08.02.21	SW 1855	ZO Lab Ldh	8.5	10.1	<1	281	310	45	BDL	0.53	0.12	B	S
6	Ropar Head-Works	1019	08.02.21	SW 1858	ZO Lab Ldh	8.3	8.8	<1	372	630	78	BDL	0.28	0.15	C	S
7	River River Sutlej D/S of Rishab- Paper Mills	1293	08.02.21	SW 1859	ZO Lab Ldh	8.2	9.9	<1	386	700	78	BDL	0.74	0.31	C	S
8	River River Sutlej U/S Buddha Nallah	1690	11.02.21	SW 1861	ZO Lab Ldh	7.7	7.3	1.2	462	1400	200	0.033	1.26	0.17	C	S
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	11.02.21	SW 1862	ZO Lab Ldh	7.2	BDL	42	1243	21,00,000	9,40,000	0.164	3.39	0.42	E	U
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	12.02.21	SW 1865	ZO Lab Ldh	7.4	1.8	16	1194	2,60,000	93,000	0.258	3.15	0.15	E	U
11	River River Sutlej at D/s East Bein	1381	12.02.21	SW 1866	ZO Lab Jal.	7.5	1.6	18	1391	7,00,000	2,10,000	0.444	2.93	0.33	E	U
12	River Sutlej at Harike	1022	12.02.21	SW 1867	ZO Lab Ldh	7.6	5.4	3.2	600	4600	1300	0.115	2.04	0.39	C	S
13	Harike Lake D/S from canal	1382	08/02/2021	SW 50	ZO Lab, Jal	7.8	7.9	1.6	248	3100	920	0.028	0.54	0.24	C	S
14	D/S Harike lake	1297	08/02/2021	SW 51	ZO Lab, Jal	7.8	8.3	1.6	257	1700	680	0.025	0.54	0.41	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	12.02.21	SW 1868	ZO Lab Ldh	8.1	8.0	1.4	297	1400	450	BDL	0.71	0.14	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	12.02.21	SW 1869	ZO Lab Ldh	8.2	7.8	1.2	292	1100	400	BDL	0.67	0.38	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.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
1	River River Sutlej at U/S Nangal	1017	05.02.21	SW 1835	ZO Lab Ldh	<5	BDL	BDL	121	103	6	5	94	24.8	7.8	72	BDL	BDL	1.6	BDL	BDL	0.26	4.8	1.9
2	River River Sutlej at D/S NFL	1380	05.02.21	SW 1836	ZO Lab Ldh	<5	1	BDL	135	112	7	6	106	27.2	9.2	82	BDL	BDL	1.9	BDL	BDL	0.24	5.5	2.0
3	River Sutej at 100m D/s PACL Nangal	2915	05.02.21	SW 1837	ZO Lab Ldh	<5	2	BDL	136	114	9	8	110	28.8	9.2	84	BDL	BDL	1.7	BDL	BDL	0.26	5.3	1.9
4	River River Sutlej atD/s Nangal	1018	05.02.21	SW 1838	ZO Lab Ldh	<5	1	BDL	152	123	11	9	120	31.2	10.2	94	BDL	BDL	1.6	BDL	BDL	0.28	5.8	2.1
5	River River Sutlej at Kiratpur Sahib	1814	08.02.21	SW 1855	ZO Lab Ldh	<5	4	BDL	176	145	8	7	152	39.2	13.1	92	BDL	BDL	1.8	BDL	BDL	0.28	14.9	3.4
6	Ropar Head-Works	1019	08.02.21	SW 1858	ZO Lab Ldh	<5	7	BDL	213	178	18	14	165	43.2	13.9	108	BDL	BDL	1.5	BDL	BDL	0.30	8.4	2.2
7	River River Sutlej D/S of Rishab-Paper Mills	1293	08.02.21	SW 1859	ZO Lab Ldh	<5	6	BDL	228	185	30	18	140	37.6	11.2	118	BDL	BDL	1.8	BDL	BDL	0.39	20.1	6.4
8	River River Sutlej U/S Buddha Nallah	1690	11.02.21	SW 1861	ZO Lab Ldh	8	11	18	274	215	32	27	146	37.6	12.6	144	BDL	1.1	2.6	1.7	0.62	0.27	35.0	5.3
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	11.02.21	SW 1862	ZO Lab Ldh	208	130	268	746	567	208	43	218	56	19.0	256	BDL	16.4	2.4	22.4	7.31	0.46	115	19.7
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	12.02.21	SW 1865	ZO Lab Ldh	88	140	286	714	571	174	38	226	58.4	19.4	270	BDL	17.2	1.9	27.5	7.35	0.24	109	19
11	River River Sutlej at D/s East Bein	1381	12.02.21	SW 1866	ZO Lab Ldh	94	110	220	826	653	182	35	296	76.8	25.3	278	BDL	22.2	1.8	32.0	10.2	0.24	116	28
12	River River Sutlej at Harike	1022	12.02.21	SW 1867	ZO Lab Ldh	21	55	78	362	294	46	29	148	37.6	13.1	142	BDL	4.6	2.2	6.4	1.86	0.28	57	9.5
13	Harike Lake D/S from canal	1382	08/02/2021	SW 50	ZO Lab, Jal	15	28	10	165	138	12	10	94	29	5	98	BDL	0.8	0.7	1.6	0.07	0.16	12	3.3
14	D/S Harike lake	1297	08/02/2021	SW 51	ZO Lab, Jal	16	22	11	162	126	15	13	96	28	6	102	BDL	0.7	0.6	1.7	0.06	0.14	12	2.5
15	U/S Hussainiwala H/W Ferozepur	1691	12.02.21	SW 1868	ZO Lab Ldh	10	15	11	176	149	21	16	108	28	9.2	92	BDL	BDL	1.5	BDL	BDL	0.25	17	4.6
16	D/S Hussainiwala H/W Ferozepur	1692	12.02.21	SW 1869	ZO Lab Ldh	12	18	15	175	151	20	18	120	30.4	10.7	96	BDL	BDL	1.7	BDL	BDL	0.22	17	4.7

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River Beas

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17	River Beas at Talwara H/W	1693	04/02/2021	43	ZO Lab, Jal	7.9	7.9	1.2	214	140	20	0.023	0.47	BDL	B	S
18	River Beas at U/S Pathankot	1694	04/02/2021	45	ZO Lab, Jal	7.8	7.8	1.3	224	120	40	0.018	0.51	0.28	B	S
19	River Beas at D/S Pathankot	1695	04/02/2021	46	ZO Lab, Jal	7.9	8.0	1.2	218	140	40	0.027	0.49	0.34	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	04/02/2021	44	ZO Lab, Jal	7.9	7.8	1.3	225	120	37	0.023	0.46	0.11	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	16/02/2021	60	ZO Lab, Jal	7.9	7.2	1.4	256	410	110	0.032	0.54	0.48	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	16/02/2021	61	ZO Lab, Jal	8.0	7.5	1.1	338	390	110	0.040	0.53	0.15	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	16/02/2021	62	ZO Lab, Jal	7.9	7.7	1.2	235	470	120	0.032	0.55	0.12	B	S
24	River Beas at U/s Goindwal	1696	08/02/2021	47	ZO Lab, Jal	8.0	8.3	BDL (<1)	246	390	110	0.020	0.50	0.16	B	S
25	River Beas at D/s Goindwal	1012	08/02/2021	48	ZO Lab, Jal	7.7	8.2	1.1	274	410	130	0.018	0.60	0.38	B	S
26	Beas at Harike	1697	08/02/2021	49	ZO Lab, Jal	7.8	8.5	1.1	245	410	130	0.018	0.55	0.19	B	S

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17	River Beas at Talwara H/W	1693	04/02/2021	43	ZO Lab, Jal	11	4	BDL	128	108	8	9	84	27	4	73	BDL	0.5	0.4	BDL	0.06	0.09	10	2.3
18	River Beas at U/S Pathankot	1694	04/02/2021	45	ZO Lab, Jal	14	7	BDL	144	120	8	12	89	26	6	92	BDL	0.5	0.6	BDL	0.07	0.13	11	3.0
19	River Beas at D/S Pathankot	1695	04/02/2021	46	ZO Lab, Jal	13	12	10	154	132	10	8.4	96	28	6	98	BDL	0.6	0.5	BDL	0.05	0.13	11	2.4
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	04/02/2021	44	ZO Lab, Jal	13	7	BDL	142	121	10	10	86	27	5	84	BDL	0.5	0.7	1.5	0.07	0.12	10	2.1
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	16/02/2021	60	ZO Lab, Jal	15	14	10	164	136	11	10	94	28	6	100	BDL	0.7	0.6	1.5	0.06	0.12	12	2.4
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	16/02/2021	61	ZO Lab, Jal	16	14	BDL	198	156	14	16	117	33	8	127	BDL	0.8	0.7	1.7	0.08	0.16	13	2.4
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	16/02/2021	62	ZO Lab, Jal	15	16	11	154	123	12	14	90	28	5	92	BDL	0.7	0.6	1.5	0.07	0.15	12	2.3
24	River Beas at U/s Goindwal	1696	08/02/2021	47	ZO Lab, Jal	10	18	13	148	118	8	8	92	27	6	100	BDL	0.4	0.3	BDL	0.05	0.09	11	3.2
25	River Beas at D/s Goindwal	1012	08/02/2021	48	ZO Lab, Jal	13	12	10	166	138	11	10	99	29	7	106	BDL	0.6	0.4	BDL	0.08	0.10	14	3.6
26	Beas at Harike	1697	08/02/2021	49	ZO Lab, Jal	12	21	15	150	125	10	9	90	28	5	92	BDL	0.5	0.5	BDL	0.05	0.12	12	2.3

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Analysis results of Surface water monitoring under NWMP for the month of February, 2021
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 µs/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	04/02/2021	42	ZO Lab, Jal	7.8	8.1	BDL (<1)	198	91	18	0.014	0.62	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	NO3-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	04/02/2021	42	ZO Lab, Jal	7	5	BDL	120	90	8	7	71	23	3	66	BDL	0.4	0.3	BDL	BDL	0.10	12	2.4

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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 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	3/2/21	SW 3714	H/o Lab Patiala	7.5	4.7	14	597	28000	3800	0.19	1.93	0.32	D	U
2	Ghaggar at Bhankarpur	1295	3/2/21	SW 3715	H/o Lab Patiala	7.0	2.8	39	802	35000	4000	BDL	2.39	0.59	E	U
3	Ghaggar at Chattbir	1698	3/2/21	SW 3716	H/o Lab Patiala	7.1	2.5	35	835	28000	4000	0.01	2.32	0.51	E	U
4	Ghaggar at U/s Jharmal Nadi	1702	3/2/21	SW 3717	H/o Lab Patiala	7.1	2.9	23	752	28000	3900	0.01	0.92	0.41	E	U
5	Ghaggar at D/s Jharmal Nadi	1701	3/2/21	SW 3718	H/o Lab Patiala	7.3	2.3	36	957	35000	4700	0.14	2.42	0.57	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	3/2/21	SW 3720	H/o Lab Patiala	7.2	3.1	20	715	24000	3400	0.11	2.02	0.60	E	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	3/2/21	SW 3721	H/o Lab Patiala	7.3	2.9	27	906	28000	4000	0.13	2.20	0.67	E	U
8	Ghaggar at Rattanheri	1473	8/2/21	SW 3730	H/o Lab Patiala	7.6	2.2	21	814	28000	3400	0.32	2.14	0.71	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	8/2/21	SW 3731	H/o Lab Patiala	7.4	2.1	23	858	28000	3800	0.20	2.12	0.75	E	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	8/2/21	SW 3732	H/o Lab Patiala	7.5	2.0	26	931	28000	4000	0.25	2.11	0.81	E	U
11	Ghaggar at Khanauri	1024	8/2/21	SW 3735	H/o Lab Patiala	7.3	1.9	20	797	28000	3900	0.13	2.07	0.69	E	U
12	Ghaggar at Moonak	1703	8/2/21	SW 3737	H/o Lab Patiala	7.5	1.7	24	902	35000	4700	0.28	2.10	0.77	E	U
13	Ghaggar at U/s Sardulgarh	1705	11/2/21	SW 3738	H/o Lab Patiala	7.3	4.4	13	605	15000	2100	0.10	1.63	0.43	D	U
14	Ghaggar at D/s Sardulgarh	1704	11/2/21	SW 3739	H/o Lab Patiala	7.4	4.0	15	691	22000	2600	0.16	1.81	0.49	D	U

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1	Ghaggar at Mubarikpur Rest House	1023	3/2/21	SW 3714	H/o Lab Patiala	73	400	398	388	330	46	27	171	42	16	227	BDL	9.4	1.2	13.2	0.93	1.2	58	31
2	Ghaggar at Bhankarpur	1295	3/2/21	SW 3715	H/o Lab Patiala	194	85	177	521	443	76	33	304	74	29	239	BDL	13.9	1.3	19.5	2.9	1.6	96	38
3	Ghaggar at Chattbir	1698	3/2/21	SW 3716	H/o Lab Patiala	176	110	166	543	462	80	35	338	79	34	243	BDL	13.2	1.3	18.5	2.8	1.4	98	39
4	Ghaggar at U/s Jharmal Nadi	1702	3/2/21	SW 3717	H/o Lab Patiala	115	90	171	489	416	71	29	246	54	27	238	BDL	12.1	1.2	16.9	2.3	1.3	84	49
5	Ghaggar at D/s Jharmal Nadi	1701	3/2/21	SW 3718	H/o Lab Patiala	178	100	113	622	529	86	41	370	77	43	279	BDL	14.2	1.5	19.9	2.9	1.6	107	67
6	Ghaggar at U/s Dhakanshu Nallah	1699	3/2/21	SW 3720	H/o Lab Patiala	98	70	92	465	395	71	33	227	48	26	243	BDL	10.6	1.2	14.8	1.6	1.1	70	39
7	Ghaggar at D/s Dhakanshu Nallah	1700	3/2/21	SW 3721	H/o Lab Patiala	135	75	94	589	383	81	40	346	79	36	273	BDL	12.9	1.3	18.1	2.4	1.3	94	62
8	Ghaggar at Rattanheri	1473	8/2/21	SW 3730	H/o Lab Patiala	102	40	63	529	450	81	32	349	72	41	240	BDL	12.8	1.2	17.9	2.0	1.1	92	35
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	8/2/21	SW 3731	H/o Lab Patiala	117	45	65	558	474	83	36	387	79	46	246	BDL	13.0	1.3	18.2	2.3	1.3	96	38
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	8/2/21	SW 3732	H/o Lab Patiala	129	45	69	605	514	92	48	440	84	56	251	BDL	12.7	1.3	17.8	2.5	1.3	102	40
11	Ghaggar at Khanauri	1024	8/2/21	SW 3735	H/o Lab Patiala	102	35	53	518	440	73	30	351	71	42	244	BDL	13.2	1.2	18.5	1.7	1.1	89	34
12	Ghaggar at Moonak	1703	8/2/21	SW 3737	H/o Lab Patiala	120	40	64	586	498	80	39	422	88	49	258	BDL	13.8	1.3	19.3	2.2	1.2	99	43
13	Ghaggar at U/s Sardulgarh	1705	11/2/21	SW 3738	H/o Lab Patiala	68	25	38	393	334	54	27	201	49	19	232	BDL	9.4	1.0	13.2	1.4	1.2	53	25
14	Ghaggar at D/s Sardulgarh	1704	11/2/21	SW 3739	H/o Lab Patiala	77	30	56	449	382	64	27	244	58	24	241	BDL	10.6	1.2	14.8	1.6	1.2	65	34

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	12/2/21	SW 3740	H.O. Lab Patiala	7.2	BDL	209	5397	350000	110000	0.10	7.05	1.13	E	U
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	12/2/21	SW 3741	H.O. Lab Patiala	7.3	BDL	124	2134	84000	14000	0.20	2.46	0.82	E	U
3	Point Source B/N	2914	11.02.21	SW 1863	Z.O. Lab, Ludhiana	7.1	BDL	145	2351	41,00,000	22,00,000	0.021	8.25	0.55	E	U
4	Kali Bein into Beas	2913	11/02/2021	SW 57	ZO Lab, Jal	7.9	4.0	2.7	271	2100	780	0.032	0.70	0.64	C	S
5	Outfall of Nag Kalan drain into Tung Dhab drain at Majitha road, Amritsar	4163	Sample was not collected													
6	Tungdab drain at fatehgarh churian, Amritsar	2910	02/02/2021	SW 39	ZO Lab, Jal	7.6	BDL	270	1987	630000	460000	0.950	3.49	0.55	E	U
7	Hundiara drain before entering Pakistan	2907	02/02/2021	SW 40	ZO Lab, Jal	7.9	BDL	146	1610	580000	250000	0.990	4.33	0.72	E	U
8	Pathlawaa Drain	2911	Sample was not collected													
9	Ranjit Sagar Reservoir	2912	04/02/2021	SW 41	ZO Lab, Jal	7.8	8.0	BDL (<1)	210	91	20	0.014	0.56	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	3/2/21	SW 3719	H.O. Lab Patiala	7.3	BDL	146	2540	430000	70000	0.10	3.70	0.96	E	U
11	Sagar Para Drain at village sagra dist.Patiala	4158	8/2/21	SW 3733	H.O. Lab Patiala	7.2	1.8	33	980	35000	4600	0.10	2.16	0.78	E	U
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	3/2/21	SW 3726	H.O. Lab Patiala	7.2	BDL	78	1449	430000	110000	0.21	3.46	1.15	E	U
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	08.02.21	SW 1857	Z.O. Lab, Ludhiana	8.0	10.4	<1	378	480	61	BDL	0.91	0.17	B	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 February, 2021

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	12/2/21	SW 3740	H.O. Lab Patiala	835	265	297	3508	2982	834	312	1941	368	248	1113	BDL	9.5	5.9	13.3	5.7	3.5	714	279
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	12/2/21	SW 3741	H.O. Lab Patiala	496	90	121	1387	1179	208	104	1279	268	148	314	BDL	20.2	1.9	28.3	3.1	1.5	202	228
3	Point Source B/N	2914	11/02/2021	SW 1863	Z.O. Lab, Ludhiana	474	190	444	1406	1011	456	84	348	90.4	29.6	408	BDL	42.0	3.9	58.6	11.37	0.87	354	33.5
4	Kali Bein into Beas	2913	11/02/2021	SW 57	ZO Lab, Jal	16	15	BDL	165	137	17	18	87	25	6	86	BDL	0.7	0.6	1.5	0.09	0.17	15	3.4
5	Outfall of Nag Kalan drain into Tung Dhab drain at Majitha road, Amritsar	4163	Sample was not collected																					
6	Tungdab drain at fatehgarh churian, Amritsar	2910	02/02/21	SW 39	ZO Lab, Jal	560	450	185	1180	987	73	86	330	76	34	766	BDL	38	2.2	56	2.8	0.74	146	19
7	Hundiara drain before entering Pakistan	2907	02/02/21	SW 40	ZO Lab, Jal	310	355	78	1050	810	68	74	236	58	22	626	BDL	22	1.9	34	2.4	0.61	153	22
8	Pathlawra Drain	2911	Sample was not collected																					
9	Ranjit Sagar Reservoir	2912	04/02/2021	SW 41	ZO Lab, Jal	BDL	4	BDL	115	95	6	5	85	25	6	60	BDL	0.4	0.3	BDL	BDL	0.10	12	2.4
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	03/2/21	SW 3719	H.O. Lab Patiala	610	40	78	1651	1403	262	129	1401	284	168	374	BDL	9.9	2.2	13.9	5.4	2.1	318	217
11	Sagar Para Drain at village sagra dist.Patiala	4158	08/2/21	SW 3733	H.O. Lab Patiala	150	25	59	637	541	89	36	476	93	59	278	BDL	9.3	1.2	13.2	2.6	1.2	108	51
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	03/2/21	SW 3726	H.O. Lab Patiala	338	65	97	942	801	119	69	753	148	93	317	BDL	21.1	2.9	29.5	4.2	1.7	218	69
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	08/2/21	SW 1857	Z.O. Lab, Ludhiana	<5	9	13	216	176	27	16	150	38.4	13.1	96	BDL	BDL	2.3	BDL	BDL	0.26	25.5	3.0

- Note. 1. BDL means Below Method Detection Limit**
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4. U/s means Upstream, D/s means Downstream