

Analysis results of Surface water monitoring under NWMP for the month of November, 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 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	12.11.2021	SW 61	ZO Lab LDH	8.4	7.1	BDL	220	120	20	BDL	0.21	BDL	B	S
2	River River Sutlej at D/S NFL	1380	12.11.2021	SW 62	ZO Lab LDH	8.5	9.3	BDL	232	270	68	BDL	0.21	BDL	B	S
3	River Sutlej at 100m D/s PACL Nangal	2915	12.11.2021	SW 63	ZO Lab LDH	8.4	9.4	BDL	238	310	68	BDL	0.19	BDL	B	S
4	River River Sutlej at D/s Nangal	1018	12.11.2021	SW 64	ZO Lab LDH	8.3	9.8	BDL	246	320	45	BDL	0.22	BDL	B	S
5	River River Sutlej at Kiratpur Sahib	1814	15.11.2021	SW 66	ZO Lab LDH	8.0	8.6	BDL	244	520	110	BDL	0.23	0.12	C	S
6	Ropar Head-Works	1019	15.11.2021	SW 69	ZO Lab LDH	7.9	8.1	BDL	263	3300	1100	BDL	0.30	0.15	C	S
7	River River Sutlej D/S of Rishab- Paper Mills	1293	15.11.2021	SW 70	ZO Lab LDH	8.1	7.9	BDL	301	3400	1100	BDL	0.46	0.41	C	S
8	River River Sutlej U/S Buddha Nallah	1690	17.11.2021	SW 72	ZO Lab LDH	7.8	7.2	1.2	340	4300	1700	0.028	0.93	0.36	C	S
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	17.11.2021	SW 74	ZO Lab LDH	7.3	BDL	12	496	58,00,000	23,00,000	0.039	1.49	0.54	E	U
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	22.11.2021	SW 81	ZO Lab LDH	7.5	5.0	5.8	414	7,90,000	2,20,000	0.044	1.05	0.24	D	U
11	River River Sutlej at D/s East Bein	1381	22.11.2021	SW 82	ZO Lab LDH	7.6	3.6	6.6	590	8,40,000	4,60,000	0.075	1.74	0.52	E	U
12	River Sutlej at Harike	1022	22.11.2021	SW 83	ZO Lab LDH	7.6	6.4	2.4	335	3300	1100	0.025	0.82	0.44	C	S
13	Harike Lake D/S from canal	1382	17/11/21	436	ZO Lab, Jal	8.0	8.4	1.6	206	700	210	0.21	0.110	0.29	C	S
14	D/S Harike lake	1297	17/11/21	437	ZO Lab, Jal	8.0	8.0	1.3	208	1100	330	0.14	0.085	0.25	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	22.11.2021	SW 84	ZO Lab LDH	7.5	5.6	1.2	326	1700	780	BDL	0.90	0.26	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	22.11.2021	SW 85	ZO Lab LDH	7.4	5.5	1.4	330	1400	930	BDL	1.07	0.48	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.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	12.11.2021	SW 61	ZO Lab Ldh	BDL	BDL	BDL	126	116	10	15	94	24.8	7.8	88	BDL	BDL	1.2	BDL	BDL	0.19	4.7	2.5
2	River River Sutlej at D/S NFL	1380	12.11.2021	SW 62	ZO Lab Ldh	BDL	BDL	BDL	136	120	12	18	106	28	8.7	93	BDL	BDL	1.3	BDL	BDL	0.22	4.9	2.0
3	River Sutej at 100m D/s PACL Nangal	2915	12.11.2021	SW 63	ZO Lab Ldh	BDL	BDL	BDL	148	134	12	17	116	29.6	10.2	102	BDL	BDL	1.4	BDL	BDL	0.20	4.7	2.5
4	River River Sutlej atD/s Nangal	1018	12.11.2021	SW 64	ZO Lab Ldh	BDL	4	BDL	156	139	10	21	114	28.8	10.2	104	BDL	BDL	1.3	BDL	BDL	0.21	5.5	3.3
5	River River Sutlej at Kiratpur Sahib	1814	15.11.2021	SW 66	ZO Lab Ldh	BDL	4	BDL	148	128	10	24	104	27.2	8.7	96	BDL	BDL	1.6	BDL	BDL	0.22	5.3	3.6
6	Ropar Head-Works	1019	15.11.2021	SW 69	ZO Lab Ldh	BDL	14	10	163	142	11	18	124	30.4	11.7	115	BDL	BDL	1.4	BDL	BDL	0.22	7.7	2.9
7	River River Sutlej D/S of Rishab-Paper Mills	1293	15.11.2021	SW 70	ZO Lab Ldh	BDL	16	12	182	163	18	28	120	29.6	11.2	112	BDL	BDL	1.6	BDL	BDL	0.23	11.5	4.6
8	River River Sutlej U/S Buddha Nallah	1690	17.11.2021	SW 72	ZO Lab Ldh	7	65	78	208	174	11	32	140	33.6	13.6	105	BDL	0.8	2.1	1.6	0.32	0.25	25.2	3.7
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	17.11.2021	SW 74	ZO Lab LDH	56	95	152	304	238	49	42	150	36	14.6	160	BDL	3.9	2.4	6.2	2.60	0.27	41.9	10.2
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	22.11.2021	SW 81	ZO Lab LDH	34	75	110	256	206	38	36	142	34.4	13.6	133	BDL	2.2	2.0	3.6	1.42	0.21	28.8	5.6
11	River River Sutlej at D/s East Bein	1381	22.11.2021	SW 82	ZO Lab LDH	40	85	142	360	282	41	45	148	35.2	14.6	188	BDL	3.0	2.4	4.2	1.83	0.24	48.6	15.3
12	River River Sutlej at Harike	1022	22.11.2021	SW 83	ZO Lab LDH	21	60	84	211	181	22	25	128	32	11.7	137	BDL	1.0	2.0	1.7	0.36	0.21	21.3	5.6
13	Harike Lake D/S from canal	1382	17/11/21	436	ZO Lab, Jal	18	17	11	126	101	18	16	90	28	5	84	BDL	2.2	0.9	3.2	0.16	0.19	4.6	2.7
14	D/S Harike lake	1297	17/11/21	437	ZO Lab, Jal	14	15	BDL	128	104	14	13	95	29	5	86	BDL	1.7	0.7	2.1	0.14	0.17	3.0	2.6
15	U/S Hussainiwala H/W Ferozepur	1691	22.11.2021	SW 84	ZO Lab Ldh	8	21	25	203	179	17	19	122	30.4	11.2	138	BDL	BDL	1.8	BDL	BDL	0.18	22.8	10.9
16	D/S Hussainiwala H/W Ferozepur	1692	22.11.2021	SW 85	ZO Lab Ldh	10	23	28	206	180	15	18	114	29.6	9.7	142	BDL	BDL	1.9	BDL	BDL	0.19	26.2	7.6

- Note. 1. BDL means Below Method Detection Limit
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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 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
17	River Beas at Talwara H/W	1693	12/11/21	443	ZO Lab, Jal	8.0	8.3	1.0	180	110	21	0.20	0.030	BDL	B	S
18	River Beas at U/S Pathankot	1694	12/11/21	445	ZO Lab, Jal	7.9	8.8	1.2	284	220	70	0.06	0.041	0.34	B	S
19	River Beas at D/S Pathankot	1695	12/11/21	446	ZO Lab, Jal	8.0	8.1	1.2	269	400	93	0.28	0.045	0.30	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	12/11/21	444	ZO Lab, Jal	8.1	8.5	1.3	278	220	40	0.18	0.046	0.18	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	16/11/21	428	ZO Lab, Jal	7.9	7.9	1.2	289	430	94	0.59	0.050	0.32	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	16/11/21	429	ZO Lab, Jal	8.1	8.1	1.0	341	330	78	0.50	0.104	0.26	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	16/11/21	430	ZO Lab, Jal	8.1	8.0	1.3	202	350	79	0.15	0.098	0.33	B	S
24	River Beas at U/s Goindwal	1696	17/11/21	433	ZO Lab, Jal	8.0	8.8	BDL <1	199	220	63	0.14	0.045	0.24	B	S
25	River Beas at D/s Goindwal	1012	17/11/21	434	ZO Lab, Jal	7.9	8.7	1.0	204	280	79	0.13	0.041	0.39	B	S
26	Beas at Harike	1697	17/11/21	435	ZO Lab, Jal	7.9	8.9	1.0	194	400	93	0.14	0.045	0.20	B	S

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17	River Beas at Talwara H/W	1693	12/11/21	443	ZO Lab, Jal	14	6	BDL	105	84	6	8	81	27	3	67	BDL	0.6	0.7	BDL	0.12	0.13	4.2	2.4
18	River Beas at U/S Pathankot	1694	12/11/21	445	ZO Lab, Jal	14	6	BDL	170	139	14	12	101	31	6	86	BDL	0.9	1.1	1.8	0.10	0.15	1.3	2.1
19	River Beas at D/S Pathankot	1695	12/11/21	446	ZO Lab, Jal	15	8	BDL	165	130	12	13	102	30	6	84	BDL	0.9	0.7	1.6	0.11	0.14	6.5	2.9
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	12/11/21	444	ZO Lab, Jal	16	5	BDL	162	135	14	10	100	29	6	92	BDL	0.7	1.2	1.7	0.10	0.14	4	3.2
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	16/11/21	428	ZO Lab, Jal	17	11	BDL	178	142	15	14	105	29	8	90	BDL	1.1	1.3	2.0	0.13	0.12	14	3.5
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	16/11/21	429	ZO Lab, Jal	16	15	BDL	198	163	18	16	107	30	8	94	BDL	1.6	0.9	2.4	0.14	0.16	12	2.5
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	16/11/21	430	ZO Lab, Jal	16	14	BDL	135	105	15	14	105	32	6	79	BDL	1.5	0.8	1.9	0.13	0.14	3.5	2.6
24	River Beas at U/s Goindwal	1696	17/11/21	433	ZO Lab, Jal	12	8	BDL	122	98	10	8	98	27	7	75	BDL	0.9	0.7	1.5	0.10	0.12	3.1	2.5
25	River Beas at D/s Goindwal	1012	17/11/21	434	ZO Lab, Jal	13	16	10	125	104	12	11	85	27	4	73	BDL	0.9	0.9	1.6	0.10	0.12	2.7	2.6
26	Beas at Harike	1697	17/11/21	435	ZO Lab, Jal	14	10	10	118	95	13	12	89	28	5	75	BDL	1.0	0.7	1.6	0.20	0.14	3.1	2.5

Note. 1. BDL means Below Method Detection Limit

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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	12/11/21	442	ZO Lab, Jal	8.0	8.3	1.1	167	120	26	0.05	0.030	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	12/11/21	442	ZO Lab, Jal	10	2	BDL	98	82	6	7	82	26	4	67	BDL	0.6	0.6	BDL	BDL	0.11	BDL	2.3

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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	2/11/21	5336	H/o Lab Patiala	7.7	6.1	9	447	17000	2100	0.22	1.88	0.36	D	U
2	Ghaggar at Bhankarpur	1295	2/11/21	5337	H/o Lab Patiala	7.9	3.4	13	520	21000	2600	0.31	1.74	0.57	E	U
3	Ghaggar at Chattbir	1698	2/11/21	5338	H/o Lab Patiala	7.7	3.1	16	593	28000	3800	0.28	1.71	0.54	E	U
4	Ghaggar at U/s Jharmal Nadi	1702	2/11/21	5339	H/o Lab Patiala	7.5	4.1	11	483	22000	2700	0.14	1.64	0.44	D	U
5	Ghaggar at D/s Jharmal Nadi	1701	2/11/21	5340	H/o Lab Patiala	7.7	3.4	14	625	28000	4000	0.31	1.69	0.61	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	2/11/21	5342	H/o Lab Patiala	7.6	2.9	10	493	22000	2700	0.21	1.55	0.51	E	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	2/11/21	5343	H/o Lab Patiala	7.7	2.6	14	588	28000	3900	0.33	1.87	0.67	E	U
8	Ghaggar at Rattanheri	1473	9/11/21	5365	H/o Lab Patiala	7.6	3.4	14	595	28000	3900	0.36	1.96	0.81	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	9/11/21	5366	H/o Lab Patiala	7.7	3.6	13	581	28000	3800	0.42	1.93	0.75	E	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	9/11/21	5367	H/o Lab Patiala	7.8	3.4	15	624	35000	4700	0.46	2.01	0.83	E	U
11	Ghaggar at Khanauri	1024	9/11/21	5370	H/o Lab Patiala	7.8	3.7	12	538	28000	3800	0.49	1.90	0.71	E	U
12	Ghaggar at Moonak	1703	9/11/21	5372	H/o Lab Patiala	7.9	3.3	16	643	35000	5800	0.66	2.04	0.77	E	U
13	Ghaggar at U/s Sardulgarh	1705	10/11/21	5373	H/o Lab Patiala	7.7	6.5	8	412	17000	2600	0.24	1.76	1.50	D	U
14	Ghaggar at D/s Sardulgarh	1704	10/11/21	5374	H/o Lab Patiala	7.6	6.0	11	453	21000	2700	0.21	1.69	1.26	D	U

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1	Ghaggar at Mubarikpur Rest House	1023	2/11/21	5336	H/o Lab Patiala	43	410	393	291	248	26	12	118	29	11	198	BDL	7.4	1.0	10.4	1.3	1.1	47	15
2	Ghaggar at Bhankarpur	1295	2/11/21	5337	H/o Lab Patiala	66	375	381	338	290	42	14	156	41	13	204	BDL	8.8	1.2	12.3	1.3	1.1	50	21
3	Ghaggar at Chattbir	1698	2/11/21	5338	H/o Lab Patiala	78	290	306	386	329	53	17	210	51	20	218	BDL	9.4	1.3	13.2	1.5	1.3	57	24
4	Ghaggar at U/s Jharmal Nadi	1702	2/11/21	5339	H/o Lab Patiala	57	280	243	314	267	33	13	142	37	12	200	BDL	9.1	1.1	12.7	1.3	1.1	45	23
5	Ghaggar at D/s Jharmal Nadi	1701	2/11/21	5340	H/o Lab Patiala	72	295	301	405	345	51	17	231	58	21	229	BDL	10.3	1.2	14.4	1.6	1.1	59	29
6	Ghaggar at U/s Dhakanshu Nallah	1699	2/11/21	5342	H/o Lab Patiala	49	190	219	321	274	38	10	153	43	11	205	BDL	10.6	1.0	14.8	1.4	1.1	44	19
7	Ghaggar at D/s Dhakanshu Nallah	1700	2/11/21	5343	H/o Lab Patiala	66	210	273	382	325	49	17	195	50	17	217	BDL	11.1	1.1	15.5	1.4	1.0	60	26
8	Ghaggar at Rattanheri	1473	9/11/21	5365	H/o Lab Patiala	67	170	202	387	329	48	14	196	47	19	224	BDL	14.2	1.1	19.9	1.3	1.1	63	29
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	9/11/21	5366	H/o Lab Patiala	64	160	193	377	321	45	13	189	46	18	221	BDL	14.0	1.1	19.6	1.2	1.1	61	27
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	9/11/21	5367	H/o Lab Patiala	71	160	199	406	345	49	14	211	50	21	231	BDL	13.2	1.1	18.5	1.2	1.2	67	31
11	Ghaggar at Khanauri	1024	9/11/21	5370	H/o Lab Patiala	60	170	196	349	297	39	13	153	38	14	218	BDL	13.9	1.0	19.5	1.2	1.1	54	27
12	Ghaggar at Moonak	1703	9/11/21	5372	H/o Lab Patiala	74	185	207	417	354	48	21	205	49	20	239	BDL	14.6	1.2	20.4	1.3	1.2	67	35
13	Ghaggar at U/s Sardulgarh	1705	10/11/21	5373	H/o Lab Patiala	41	40	56	269	229	26	9	93	24	8	193	BDL	7.9	1.1	11.1	1.3	1.1	39	16
14	Ghaggar at D/s Sardulgarh	1704	10/11/21	5374	H/o Lab Patiala	53	45	59	295	252	28	11	123	31	11	201	BDL	8.3	1.1	11.6	1.3	1.1	43	18

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	11/11/21	5375	H.O. Lab Patiala	7.9	BDL	119	4245	460000	22000	0.24	6.26	0.36	E	U
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	11/11/21	5376	H.O. Lab Patiala	8.0	BDL	65	2248	170000	63000	0.76	2.83	0.44	E	U
3	Point Source B/N	2914	17.11.2021	SW 73	Z.O. Lab, Ludhiana	7.1	BDL	130	1803	1,70,00,000	1,10,00,000	0.015	5.02	0.60	E	U
4	Kali Bein into Beas	2913	18/11/21	451	ZO Lab, Jal	7.3	6.5	2.0	254	1700	630	0.46	0.019	0.74	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	17/11/21	438	ZO Lab, Jal	7.6	BDL	210	2310	630000	210000	8.07	1.000	0.51	E	U
7	Hundiara drain before entering Pakistan	2907	17/11/21	439	ZO Lab, Jal	7.8	BDL	72	1277	460000	110000	3.68	1.260	0.65	E	U
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected													
9	Ranjit Sagar Reservoir	2912	12/11/21	441	ZO Lab, Jal	8.0	8.2	BDL <1	168	110	21	0.05	0.015	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	2/11/21	5344	H.O. Lab Patiala	7.5	2.4	44	1180	120000	21000	0.16	2.26	1.13	E	U
11	Sagar Para Drain at village sagra dist.Patiala	4158	9/11/21	5368	H.O. Lab Patiala	7.6	1.7	18	791	70000	7800	0.12	1.78	0.87	E	U
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	2/11/21	5348	H.O. Lab Patiala	7.7	BDL	50	1047	280000	110000	0.53	2.46	1.39	E	U
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	15.11.2021	SW 68	ZO Lab LDH	8.5	9.2	BDL	365	790	170	BDL	0.83	0.20	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 November, 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	11/11/21	5375	H.O. Lab Patiala	483	360	387	2763	2349	543	191	1585	293	207	1002	BDL	8.1	4.7	11.3	4.4	3.8	573	196
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	11/11/21	5376	H.O. Lab Patiala	268	190	217	1463	1244	192	143	1134	210	148	327	BDL	21.6	3.1	30.2	4.1	2.4	219	268
3	Point Source B/N	2914	17.11.21	SW 73	ZO Lab LDH	404	170	364	1106	846	282	63	322	81.6	28.7	622	BDL	29.9	4.1	44.6	10.71	0.45	207	44
4	Kali Bein into Beas	2913	18/11/21	451	ZO Lab, Jal	16	6	BDL	148	115	16	14	92	26	6	102	BDL	1.9	0.9	2.3	0.15	0.14	10	3.6
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	17/11/21	438	ZO Lab, Jal	590	340	76	1410	1095	98	82	295	74	26	853	BDL	40	6.2	49	7.2	0.42	317	28
7	Hundiara drain before entering Pakistan	2907	17/11/21	439	ZO Lab, Jal	298	220	54	784	610	78	72	164	52	8	512	BDL	36	4.8	40	4.1	0.34	108	29
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	12/11/21	441	ZO Lab, Jal	8	4	BDL	95	75	5	6	64	19	4	65	BDL	BDL	BDL	BDL	BDL	0.08	BDL	2.2
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	2/11/21	5344	H.O. Lab Patiala	199	215	231	771	655	104	70	570	111	71	286	BDL	8.3	2.1	11.6	3.9	1.9	124	65
11	Sagar Para Drain at village sagra dist.Patiala	4158	9/11/21	5368	H.O. Lab Patiala	77	170	199	517	438	63	41	336	65	42	243	BDL	6.1	1.2	8.5	1.4	1.2	75	43
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	2/11/21	5348	H.O. Lab Patiala	196	220	243	683	582	87	57	460	85	60	292	BDL	17.6	2.0	24.6	2.3	1.4	121	49
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	15.11.21	SW 68	ZO Lab LDH	BDL	22	17	222	202	25	27	134	32	13.1	141	BDL	BDL	1.8	BDL	BDL	0.24	22.9	5.8

Note. 1. BDL means Below Method Detection Limit

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