

Analysis results of Surface water monitoring under NWMP for the month of August, 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	12/8/21	SW 2156	ZO Lab LDH	8.1	7.9	BDL	199	110	78	BDL	0.09	BDL	B	S
2	River River Sutlej at D/S NFL	1380	12/8/21	SW 2157	ZO Lab LDH	8.7	10.2	BDL	204	390	110	BDL	0.10	BDL	B	S
3	River Sutlej at 100m D/s PACL Nangal	2915	12/8/21	SW 2158	ZO Lab LDH	8.6	10.6	BDL	203	470	260	BDL	0.11	BDL	B	S
4	River River Sutlej at D/s Nangal	1018	12/8/21	SW 2159	ZO Lab LDH	9.1	10.7	BDL	202	630	230	BDL	0.10	BDL	C	S
5	River River Sutlej at Kiratpur Sahib	1814	13/8/21	SW 2161	ZO Lab LDH	7.7	7.3	BDL	217	940	330	BDL	0.09	0.21	C	S
6	Ropar Head-Works	1019	13/8/21	SW 2164	ZO Lab LDH	7.9	6.7	BDL	218	2300	780	BDL	0.13	0.26	C	S
7	River River Sutlej D/S of Rishab- Paper Mills	1293	13/8/21	SW 2165	ZO Lab LDH	7.7	5.9	BDL	282	1300	780	BDL	0.24	0.30	C	S
8	River River Sutlej U/S Buddha Nallah	1690	17/8/21	SW 2167	ZO Lab LDH	7.4	5.3	1.4	292	3900	1700	0.015	0.33	0.45	C	S
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	17/8/21	SW 2169	ZO Lab LDH	7.2	BDL	40	655	84,00,000	33,00,000	0.075	1.08	0.49	E	U
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	17/8/21	SW 2171	ZO Lab LDH	7.2	BDL	15	556	4,30,000	1,30,000	0.040	0.90	0.36	E	U
11	River River Sutlej at D/s East Bein	1381	17/8/21	SW 2172	ZO Lab LDH	7.4	BDL	19	897	4,90,000	2,30,000	0.123	1.35	0.40	E	U
12	River Sutlej at Harike	1022	17/8/21	SW 2173	ZO Lab LDH	7.6	6.5	2.1	285	3400	1100	BDL	0.41	0.31	C	S
13	Harike Lake D/S from canal	1382	18/8/21	SW 318	ZO Lab, Jal	7.9	7.1	1.0	188	1400	630	0.194	0.49	0.19	C	S
14	D/S Harike lake	1297	18/8/21	SW 319	ZO Lab, Jal	7.6	6.7	1.1	207	1100	460	0.055	0.40	0.23	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	18/8/21	SW 2175	ZO Lab LDH	7.5	4.4	1.4	224	1700	780	BDL	0.29	0.28	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	18/8/21	SW 2176	ZO Lab LDH	7.5	4.5	1.4	225	2100	680	BDL	0.31	0.26	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	12/8/21	SW 2156	ZO Lab Ldh	BDL	1	BDL	109	99	6	5	96	22.4	9.7	74	BDL	BDL	1.5	BDL	BDL	0.17	2.1	1.0
2	River River Sutlej at D/S NFL	1380	12/8/21	SW 2157	ZO Lab Ldh	BDL	3	BDL	116	103	10	8	106	25.6	10.2	75	BDL	BDL	1.6	BDL	BDL	0.18	2.4	1.0
3	River Sutej at 100m D/s PACL Nangal	2915	12/8/21	SW 2158	ZO Lab Ldh	BDL	3	BDL	118	104	12	9	102	24	10.2	70	BDL	BDL	1.7	BDL	BDL	0.18	2.5	1.1
4	River River Sutlej atD/s Nangal	1018	12/8/21	SW 2159	ZO Lab Ldh	BDL	2	BDL	117	102	8	6	104	25.6	9.7	78	BDL	BDL	1.4	BDL	BDL	0.17	2.4	1.1
5	River River Sutlej at Kiratpur Sahib	1814	13/8/21	SW 2161	ZO Lab Ldh	BDL	6	BDL	120	106	8	7	100	24	9.7	70	BDL	BDL	1.6	BDL	BDL	0.21	2.1	0.8
6	Ropar Head-Works	1019	13/8/21	SW 2164	ZO Lab Ldh	BDL	80	145	121	102	7	8	112	28	10.2	87	BDL	BDL	2.1	BDL	BDL	0.22	3.2	2.1
7	River River Sutlej D/S of Rishab-Paper Mills	1293	13/8/21	SW 2165	ZO Lab Ldh	BDL	110	185	167	135	14	12	112	28.8	9.7	114	BDL	BDL	2.3	BDL	BDL	0.24	5.9	3.7
8	River River Sutlej U/S Buddha Nallah	1690	17/8/21	SW 2167	ZO Lab Ldh	8	70	102	179	145	16	25	126	31.2	11.7	103	BDL	1.0	2.7	1.7	0.46	0.37	8.4	3.3
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	17/8/21	SW 2169	ZO Lab LDH	182	90	122	393	282	83	36	212	50.4	20.9	220	BDL	7.5	3.2	13.5	5.4	0.41	36	7.2
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	17/8/21	SW 2171	ZO Lab LDH	74	75	110	318	234	56	32	158	36.8	16.0	134	BDL	4.0	2.6	6.4	4.8	0.40	26	9.2
11	River River Sutlej at D/s East Bein	1381	17/8/21	SW 2172	ZO Lab LDH	98	140	228	545	391	81	27	230	55.2	22.4	380	BDL	8.2	3.0	15.4	5.8	0.46	47	17.8
12	River River Sutlej at Harike	1022	17/8/21	SW 2173	ZO Lab LDH	11	110	172	178	145	33	21	104	23.2	11.2	108	BDL	BDL	2.2	BDL	1.22	0.32	9.7	2.9
13	Harike Lake D/S from canal	1382	18/8/21	SW 318	ZO Lab, Jal	14	154	46	126	94	12	10	95	27	7	80	BDL	4.3	3.9	7.1	0.17	0.19	11	3.6
14	D/S Harike lake	1297	18/8/21	SW 319	ZO Lab, Jal	15	162	48	125	96	15	12	100	26	9	82	BDL	2.2	1.6	3.0	0.14	0.16	9.2	3.1
15	U/S Hussainiwala H/W Ferozepur	1691	18/8/21	SW 2175	ZO Lab Ldh	8	18	25	142	121	20	10	106	24.8	10.7	97	BDL	BDL	2.1	BDL	0.27	0.28	6.8	3.4
16	D/S Hussainiwala H/W Ferozepur	1692	18/8/21	SW 2176	ZO Lab Ldh	9	22	31	140	122	13	11	106	24	11.2	98	BDL	BDL	2.2	BDL	0.31	0.28	7.3	3.0

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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	11/08/2021	300	ZO Lab, Jal	7.8	6.9	1.1	197	94	21	0.032	0.38	BDL	B	S
18	River Beas at U/S Pathankot	1694	11/08/2021	302	ZO Lab, Jal	8.0	7.0	1.2	240	280	63	0.035	0.55	0.26	B	S
19	River Beas at D/S Pathankot	1695	11/08/2021	303	ZO Lab, Jal	8.1	6.8	1.1	222	460	92	0.033	0.42	0.38	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	11/08/2021	301	ZO Lab, Jal	8.1	7.3	1.2	265	140	32	0.052	0.56	0.18	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	16/08/2021	305	ZO Lab, Jal	7.8	7.1	1.0	197	430	130	0.028	0.43	0.41	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	16/08/2021	306	ZO Lab, Jal	8.0	7.4	BDL (<1)	209	460	110	0.045	0.37	0.44	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	16/08/2021	307	ZO Lab, Jal	7.6	7.5	1.0	185	430	130	0.018	0.40	0.35	B	S
24	River Beas at U/s Goindwal	1696	18/08/2021	315	ZO Lab, Jal	8.1	7.1	BDL (<1)	166	280	63	0.039	0.38	0.30	B	S
25	River Beas at D/s Goindwal	1012	18/08/2021	316	ZO Lab, Jal	8.0	7.0	BDL (<1)	169	350	110	0.030	0.33	0.39	B	S
26	Beas at Harike	1697	18/08/2021	317	ZO Lab, Jal	8.0	7.2	BDL (<1)	184	460	110	0.035	0.39	0.20	B	S

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17	River Beas at Talwara H/W	1693	11/08/2021	300	ZO Lab, Jal	12	37	22	124	98	10	9	97	29	6	86	BDL	0.9	0.8	1.6	0.08	0.13	8.7	3.1
18	River Beas at U/S Pathankot	1694	11/08/2021	302	ZO Lab, Jal	12	46	32	142	102	13	10	108	28	9	88	BDL	0.7	0.9	1.6	0.08	0.14	13	2.7
19	River Beas at D/S Pathankot	1695	11/08/2021	303	ZO Lab, Jal	13	48	30	122	92	12	10	106	27	9	80	BDL	0.5	0.7	1.5	0.07	0.15	9.9	3.2
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	11/08/2021	301	ZO Lab, Jal	13	44	23	138	106	14	10	103	29	7	92	BDL	0.8	0.9	1.7	0.06	0.14	13	3.5
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	16/08/2021	305	ZO Lab, Jal	14	79	31	118	95	14	10	103	27	9	70	BDL	0.8	1.0	1.7	0.07	0.18	10	3.2
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	16/08/2021	306	ZO Lab, Jal	14	62	36	128	105	15	9	114	32	8	76	BDL	0.9	1.1	1.8	0.08	0.16	9.1	3.0
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	16/08/2021	307	ZO Lab, Jal	16	75	35	114	90	14	12	82	23	5	78	BDL	0.7	1.0	1.6	0.07	0.17	8.1	3.0
24	River Beas at U/s Goindwal	1696	18/08/2021	315	ZO Lab, Jal	11	58	30	104	85	8	7	83	24	5	81	BDL	0.6	0.9	BDL	0.07	0.14	7.8	3.0
25	River Beas at D/s Goindwal	1012	18/08/2021	316	ZO Lab, Jal	12	69	34	108	88	8	6	84	25	5	86	BDL	0.6	1.0	BDL	0.08	0.14	6.9	3.2
26	Beas at Harike	1697	18/08/2021	317	ZO Lab, Jal	11	66	38	114	90	10	8	101	25	9	78	BDL	0.7	1.0	1.5	0.09	0.15	9.0	3.0

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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	11/8/21	SW 299	ZO Lab, Jal	7.7	6.8	1.0	152	140	32	0.009	0.15	BDL	B	S

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27	Ravi at U/s of Madhopur H/W	1097	11/8/21	SW 299	ZO Lab, Jal	9	8	BDL	94	75	8	9	96	30	5	52	BDL	BDL	0.6	BDL	BDL	BDL	3.3	2.5

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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	9/8/21	SW 4939	H/o Lab Patiala	7.7	6.8	7	390	15000	1700	0.25	1.66	0.26	D	U
2	Ghaggar at Bhankarpur	1295	9/8/21	SW 4940	H/o Lab Patiala	7.5	3.8	13	502	21000	2700	0.21	1.94	0.39	E	U
3	Ghaggar at Chattbir	1698	9/8/21	SW 4941	H/o Lab Patiala	7.6	4.0	13	491	22000	3200	0.29	1.89	0.42	D	U
4	Ghaggar at U/s Jharmal Nadi	1702	9/8/21	SW 4942	H/o Lab Patiala	7.4	4.1	11	452	21000	2600	0.17	1.91	0.30	D	U
5	Ghaggar at D/s Jharmal Nadi	1701	9/8/21	SW 4943	H/o Lab Patiala	7.5	3.6	14	529	24000	3400	0.25	2.05	0.46	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	9/8/21	SW 4945	H/o Lab Patiala	7.6	4.2	12	505	21000	2600	0.32	1.70	0.30	D	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	9/8/21	SW 4946	H/o Lab Patiala	7.7	3.4	15	593	24000	3400	0.46	2.00	0.43	E	U
8	Ghaggar at Rattanheri	1473	12/8/21	SW 4974	H/o Lab Patiala	7.1	3.1	13	610	24000	3400	0.01	2.35	0.62	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	12/8/21	SW 4975	H/o Lab Patiala	7.4	4.0	12	598	24000	3300	0.23	2.35	0.58	D	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	12/8/21	SW 4976	H/o Lab Patiala	7.3	3.0	15	704	24000	4000	0.14	2.11	0.64	E	U
11	Ghaggar at Khanauri	1024	12/8/21	SW 4978	H/o Lab Patiala	7.4	3.3	11	547	28000	2700	0.21	2.10	0.57	E	U
12	Ghaggar at Moonak	1703	12/8/21	SW 4980	H/o Lab Patiala	7.5	3.1	14	639	21000	3900	0.32	2.23	0.64	E	U
13	Ghaggar at U/s Sardulgarh	1705	16/8/21	SW 5011	H/o Lab Patiala	7.8	5.4	6	361	15000	1700	0.29	1.50	0.27	D	U
14	Ghaggar at D/s Sardulgarh	1704	16/8/21	SW 5012	H/o Lab Patiala	7.9	5.0	9	436	17000	2500	0.42	1.61	0.31	D	U

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1	Ghaggar at Mubarikpur Rest House	1023	9/8/21	SW 4939	H/o Lab Patiala	37	410	391	253	216	26	7	89	24	7	187	BDL	8.4	0.9	11.8	1.1	1.0	36	10
2	Ghaggar at Bhankarpur	1295	9/8/21	SW 4940	H/o Lab Patiala	65	380	397	327	288	38	12	142	37	12	204	BDL	10.7	1.0	15.0	1.4	1.1	53	22
3	Ghaggar at Chattbir	1698	9/8/21	SW 4941	H/o Lab Patiala	63	325	349	318	271	36	13	138	34	13	201	BDL	11.4	1.0	15.9	1.2	1.0	51	20
4	Ghaggar at U/s Jharmal Nadi	1702	9/8/21	SW 4942	H/o Lab Patiala	57	290	214	293	249	31	9	110	29	9	198	BDL	11.1	1.0	15.5	1.1	1.0	46	19
5	Ghaggar at D/s Jharmal Nadi	1701	9/8/21	SW 4943	H/o Lab Patiala	68	330	248	343	292	40	12	147	39	12	208	BDL	12.3	1.2	17.2	1.7	1.2	57	26
6	Ghaggar at U/s Dhakanshu Nallah	1699	9/8/21	SW 4945	H/o Lab Patiala	62	345	273	304	258	33	10	116	30	10	210	BDL	12.9	1.0	18.1	1.4	1.0	42	20
7	Ghaggar at D/s Dhakanshu Nallah	1700	9/8/21	SW 4946	H/o Lab Patiala	71	365	297	384	326	49	16	176	44	16	225	BDL	15.2	1.2	21.3	1.7	1.3	61	30
8	Ghaggar at Rattanheri	1473	12/8/21	SW 4974	H/o Lab Patiala	67	230	241	395	337	47	14	163	42	14	229	BDL	15.6	1.1	21.8	1.8	1.2	69	39
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	12/8/21	SW 4975	H/o Lab Patiala	64	225	237	385	329	45	13	153	40	13	226	BDL	15.1	1.2	21.1	1.7	1.2	67	37
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	12/8/21	SW 4976	H/o Lab Patiala	73	235	247	455	387	58	22	234	57	22	237	BDL	13.5	1.4	18.9	2.6	1.3	74	46
11	Ghaggar at Khanauri	1024	12/8/21	SW 4978	H/o Lab Patiala	59	110	161	354	301	39	14	151	37	14	224	BDL	14.1	1.0	19.7	1.5	1.0	59	27
12	Ghaggar at Moonak	1703	12/8/21	SW 4980	H/o Lab Patiala	69	135	177	414	353	47	19	198	48	19	236	BDL	16.2	1.3	22.7	1.9	1.3	72	36
13	Ghaggar at U/s Sardulgarh	1705	16/8/21	SW 5011	H/o Lab Patiala	28	25	47	239	199	24	7	82	21	7	173	BDL	8.4	1.0	11.8	1.0	0.9	31	11
14	Ghaggar at D/s Sardulgarh	1704	16/8/21	SW 5012	H/o Lab Patiala	47	30	53	284	241	31	10	111	28	10	199	BDL	9.3	1.1	13.0	1.1	1.0	39	14

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	17/8/21	SW 5013	H.O. Lab Patiala	7.2	BDL	104	3508	350000	140000	0.08	6.00	1.21	E	U
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	17/8/21	SW 5014	H.O. Lab Patiala	7.3	BDL	43	1734	70000	12000	0.22	2.70	0.96	E	U
3	Point Source B/N	2914	17/8/21	SW 2168	Z.O. Lab, Ludhiana	7.0	BDL	105	1710	1,10,00,000	49,00,000	BDL	2.63	0.77	E	U
4	Kali Bein into Beas	2913	23/8/21	SW 333	ZO Lab, Jal	7.1	4.0	2.3	328	1400	790	0.001	1.07	0.75	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	18/8/21	SW 320	ZO Lab, Jal	6.9	BDL	162	1723	630000	170000	0.004	5.78	0.69	E	U
7	Hundiara drain before entering Pakistan	2907	18/8/21	SW 321	ZO Lab, Jal	7.5	BDL	92	1408	460000	170000	0.720	5.77	0.70	E	U
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected													
9	Ranjit Sagar Reservoir	2912	11/8/21	SW 298	ZO Lab, Jal	8.0	7.4	BDL (<1)	165	110	26	0.015	0.21	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	9/8/21	SW 4947	H.O. Lab Patiala	7.4	1.3	23	824	43000	4600	0.12	1.80	0.82	E	U
11	Sagar Para Drain at village sagra dist.Patiala	4158	12/8/21	SW 4977	H.O. Lab Patiala	7.3	2.1	17	724	46000	6100	0.10	1.69	0.66	E	U
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	9/8/21	SW 4951	H.O. Lab Patiala	7.7	1.4	47	1041	280000	110000	0.61	2.53	1.10	E	U
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	13/8/21	SW 2163	ZO Lab LDH	Location was not approachable										

- 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 August, 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	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	17/8/21	SW 5013	H.O. Lab Patiala	413	275	441	2281	1941	492	154	1302	267	154	712	BDL	8.3	3.2	11.6	4.1	2.6	497	133
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	17/8/21	SW 5014	H.O. Lab Patiala	189	130	264	1127	958	157	94	807	168	94	304	BDL	21.7	2.9	30.4	3.7	1.9	176	204
3	Point Source B/N	2914	17/8/21	SW 2168	ZO Lab LDH	373	160	318	1042	683	272	53	302	74.4	28.2	527	BDL	25.1	5.7	40.2	11.9	0.92	105	37.8
4	Kali Bein into Beas	2913	23/8/21	SW 333	ZO Lab, Jal	15	44	12	172	136	26	18	111	33	7	72	BDL	2.5	1.9	3.1	0.15	0.16	26	13
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	18/8/21	SW 320	ZO Lab, Jal	380	310	78	910	640	118	75	260	80	15	540	BDL	42	5.8	49	6.1	0.41	215	32
7	Hundiara drain before entering Pakistan	2907	18/8/21	SW 321	ZO Lab, Jal	275	280	50	785	542	95	72	156	42	12	500	BDL	36	4.1	45	4.5	0.32	165	33
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	11/8/21	SW 298	ZO Lab, Jal	6	5	BDL	85	68	8	6	80	24	5	57	BDL	BDL	BDL	BDL	BDL	BDL	4.4	2.2
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	9/8/21	SW 4947	H.O. Lab Patiala	7.4	70	119	537	456	76	48	393	78	48	228	BDL	8.1	1.4	11.3	2.8	1.3	82	33
11	Sagar Para Drain at village sagra dist.Patiala	4158	12/8/21	SW 4977	H.O. Lab Patiala	7.3	65	100	471	401	63	37	297	58	37	243	BDL	10.1	1.2	14.1	1.9	1.1	67	39
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	9/8/21	SW 4951	H.O. Lab Patiala	7.7	125	226	678	577	91	62	478	89	62	367	BDL	20.4	2.1	28.6	3.0	1.7	127	52
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	13/8/21	SW 2163	ZO Lab LDH	Location was not approachable																		

Note. 1. BDL means Below Method Detection Limit

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