

### Analysis results of Surface water monitoring under NWMP for the month of June, 2020

#### River Satluj

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 $\mu$ 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 Satluj at U/S Nangal	1017	09.06.20	SW 1365	ZO Lab Ldh	7.7	8.4	<1	233	140	45	BDL	0.31	BDL	B	S
2	River Satluj at D/S NFL	1380	09.06.20	SW 1366	ZO Lab Ldh	8.3	8.2	<1	251	170	40	BDL	0.39	BDL	B	S
3	River Sutej at 100m D/s PACL Nangal	2915	09.06.20	SW 1367	ZO Lab Ldh	8.4	8.1	<1	249	170	61	BDL	0.35	BDL	B	S
4	River Satluj at D/s Nangal	1018	09.06.20	SW 1368	ZO Lab Ldh	7.8	8.3	<1	238	330	110	BDL	0.35	BDL	B	S
5	River Satluj at Kiratpur Sahib	1814	10.06.20	SW 1370	ZO Lab Ldh	7.6	8.0	<1	249	260	82	BDL	0.39	0.14	B	S
6	Ropar Head-Works	1019	10.06.20	SW 1373	ZO Lab Ldh	7.6	8.5	<1	255	470	130	BDL	0.30	0.14	B	S
7	River Satluj D/S of Rishab-Paper Mills	1293	10.06.20	SW 1374	ZO Lab Ldh	7.9	8.0	<1	256	580	250	BDL	0.38	0.30	C	S
8	River Satluj U/S Buddha Nallah	1690	11.06.20	SW 1380	ZO Lab Ldh	7.9	6.3	1.8	313	940	320	0.050	0.36	0.14	C	S
9	River Satluj at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	11.06.20	SW 1382	ZO Lab Ldh	6.6	2.2	14	441	3,50,000	1,30,000	BDL	0.80	0.24	E	U
10	River Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	12.06.20	SW 1386	ZO Lab Ldh	7.3	3.9	4.8	425	1,10,000	33,000	0.022	0.60	0.19	E	U
11	River Satluj at D/s East Bein	1381	12.06.20	SW 1387	ZO Lab Jal.	7.0	3.1	5.4	553	1,70,000	58,000	BDL	1.00	0.21	E	U
12	River Satluj at Harike	1022	12.06.20	SW 1388	ZO Lab Ldh	7.4	5.9	2.8	278	4900	1700	0.018	0.46	0.26	C	S
13	Harike Lake D/S from canal	1382	03.06.20	SW 254	ZO Lab Jal.	7.5	7.9	1.2	261	1200	230	0.016	0.44	0.12	C	S
14	D/S Harike lake	1297	03.06.20	SW 255	ZO Lab Jal.	7.7	8.0	1.1	254	1700	330	0.024	0.50	0.21	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	15.06.20	SW 1395	ZO Lab Ldh	7.7	7.3	1.2	269	630	260	BDL	0.44	0.16	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	15.06.20	SW 1396	ZO Lab Ldh	7.4	7.4	1.2	268	700	260	BDL	0.42	0.31	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 Satluj

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 <sub>4</sub> 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 <sub>4</sub> as P mg/l	F mg/l	Na mg/l	K mg/l
1	River Satluj at U/S Nangal	1017	09.06.20	SW 1365	ZO Lab Ldh	<5	8	BDL	132	118	7	7	122	28	12.6	84	BDL	BDL	1.2	BDL	BDL	0.21	7.9	1.4
2	River Satluj at D/S NFL	1380	09.06.20	SW 1366	ZO Lab Ldh	<5	16	11	142	126	8	9	130	28.8	14.1	78	BDL	BDL	1.4	BDL	BDL	0.26	10.2	1.7
3	River Sutej at 100m D/s PACL Nangal	2915	09.06.20	SW 1367	ZO Lab Ldh	<5	15	8	140	125	8	7	114	27.2	11.2	82	BDL	BDL	1.5	BDL	BDL	0.24	8.5	1.8
4	River Satluj at D/s Nangal	1018	09.06.20	SW 1368	ZO Lab Ldh	<5	21	15	136	118	6	5	112	25.6	11.7	82	BDL	BDL	1.2	BDL	BDL	0.22	8.5	1.5
5	River Satluj at Kiratpur Sahib	1814	10.06.20	SW 1370	ZO Lab Ldh	<5	22	17	140	122	7	7	120	27.2	12.6	80	BDL	BDL	1.3	BDL	BDL	0.21	9.8	1.8
6	Ropar Head-Works	1019	10.06.20	SW 1373	ZO Lab Ldh	<5	34	29	150	132	8	8	136	30.4	14.6	82	BDL	BDL	1.6	BDL	0.11	0.21	8.1	1.7
7	River Satluj D/S of Rishab- Paper Mills	1293	10.06.20	SW 1374	ZO Lab Ldh	<5	30	34	152	131	9	9	116	26.4	12.2	90	BDL	BDL	1.4	BDL	BDL	0.22	9.3	1.8
8	River Satluj U/S Buddha Nallah	1690	11.06.20	SW 1380	ZO Lab Ldh	10	72	116	176	150	12	10	150	35.2	15.1	98	BDL	1.1	1.6	1.3	0.12	0.28	10.0	2.3
9	River Satluj at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	11.06.20	SW 1382	ZO Lab Ldh	56	42	81	237	187	37	16	162	38.4	16.0	88	BDL	2.8	1.6	3.6	0.40	0.35	23.3	6.8
10	River Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	12.06.20	SW 1386	ZO Lab Ldh	21	73	90	227	182	30	12	158	34.4	17.5	114	BDL	2.2	1.3	2.9	0.14	0.26	17.4	2.1
11	River Satluj at D/s East Bein	1381	12.06.20	SW 1387	ZO Lab Jal.	26	78	102	306	242	49	20	166	36.8	18.0	146	BDL	3.4	1.6	4.2	0.53	0.31	29.7	3.7
12	River Satluj at Harike	1022	12.06.20	SW 1388	ZO Lab Ldh	13	70	124	159	132	19	6	108	25.6	10.7	90	BDL	1.2	1.3	1.4	0.09	0.21	11.1	2.7
13	Harike Lake D/S from canal	1382	03/06/2020	SW 254	ZO Lab Jal.	14	31	10	178	145	20	16	117	35	7	119	BDL	0.8	0.6	1.3	0.15	0.16	11	2.9
14	D/S Harike lake	1297	03/06/2020	SW 255	ZO Lab Jal.	12	48	12	162	128	18	15	109	34	6	116	BDL	0.8	0.7	1.5	0.14	0.16	12	3.1
15	U/S Hussainiwala H/W Ferozepur	1691	15.06.20	SW 1395	ZO Lab Ldh	6	10	21	144	126	12	6	88	20.8	8.7	94	BDL	BDL	1.2	BDL	BDL	0.20	9.6	2.1
16	D/S Hussainiwala H/W Ferozepur	1692	15.06.20	SW 1396	ZO Lab Ldh	7	12	23	146	129	13	7	86	20.8	8.3	96	BDL	BDL	1.2	BDL	BDL	0.21	9.0	2.1

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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 $\mu$ 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	08/06/2020	SW 268	ZO Lab Jal.	7.6	7.6	1.2	233	120	22	0.013	0.55	BDL	B	S
18	River Beas at U/S Pathankot	1694	08/06/2020	SW 270	ZO Lab Jal.	7.9	7.5	1.1	298	110	26	0.027	0.61	0.16	B	S
19	River Beas at D/S Pathankot	1695	08/06/2020	SW 271	ZO Lab Jal.	8.1	7.1	1.3	259	280	58	0.052	0.46	0.20	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	08/06/2020	SW 269	ZO Lab Jal.	8.1	7.2	1.1	297	280	31	0.039	0.65	0.11	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	04/06/2020	SW 257	ZO Lab Jal.	7.9	7.0	1.3	266	470	110	0.041	0.43	0.25	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	04/06/2020	SW 258	ZO Lab Jal.	7.9	7.3	1.2	254	460	170	0.036	0.46	0.14	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	03/06/2020	SW 250	ZO Lab Jal.	7.9	7.8	1.1	239	410	170	0.032	0.42	0.16	B	S
24	River Beas at U/s Goindwal	1696	03/06/2020	SW 251	ZO Lab Jal.	7.9	7.9	1.0	242	330	78	0.027	0.48	0.11	B	S
25	River Beas at D/s Goindwal	1012	03/06/2020	SW 252	ZO Lab Jal.	8.0	7.8	1.1	233	400	93	0.030	0.49	0.21	B	S
26	Beas at Harike	1697	03/06/2020	SW 253	ZO Lab Jal.	7.8	8.1	1.0	234	480	120	0.025	0.48	0.14	B	S

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17	River Beas at Talwara H/W	1693	08/06/2020	SW 268	ZO Lab Jal.	8	19	11	165	132	14	10	89	26	6	102	BDL	0.5	0.4	1.0	BDL	0.13	12	2.2
18	River Beas at U/S Pathankot	1694	08/06/2020	SW 270	ZO Lab Jal.	13	21	11	205	165	16	12	146	41	11	160	BDL	0.6	0.5	1.2	0.08	0.16	17	2.6
19	River Beas at D/S Pathankot	1695	08/06/2020	SW 271	ZO Lab Jal.	14	27	12	182	145	18	14	127	34	10	137	BDL	0.8	0.8	1.5	0.08	0.15	12	2.0
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	08/06/2020	SW 269	ZO Lab Jal.	13	18	10	192	154	16	11	132	41	7	155	BDL	0.6	0.6	1.3	0.07	0.16	17	2.6
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	04/06/2020	SW 257	ZO Lab Jal.	13	32	13	176	138	16	12	124	35	9	134	BDL	0.9	0.8	1.6	0.09	0.17	11	2.3
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	04/06/2020	SW 258	ZO Lab Jal.	12	20	BDL	170	135	22	17	128	38	8	100	BDL	0.8	0.7	1.4	0.11	0.13	12	2.2
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	03/06/2020	SW 250	ZO Lab Jal.	13	36	14	165	136	18	16	132	36	10	110	BDL	0.7	0.5	1.2	0.09	0.16	11	2.4
24	River Beas at U/s Goindwal	1696	03/06/2020	SW 251	ZO Lab Jal.	11	28	12	156	124	12	10	100	25	9	128	BDL	0.6	0.6	1.0	0.07	0.15	11	2.7
25	River Beas at D/s Goindwal	1012	03/06/2020	SW 252	ZO Lab Jal.	10	34	12	160	130	14	8	97	27	7	109	BDL	0.6	0.7	1.3	0.06	0.14	11	2.5
26	Beas at Harike	1697	03/06/2020	SW 253	ZO Lab Jal.	11	26	11	154	127	16	10	98	27	8	116	BDL	0.7	0.6	1.2	0.08	0.13	11	2.4

- Note. 1. BDL means Below Method Detection Limit  
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### Analysis results of Surface water monitoring under NWMP for the month of June, 2020

#### 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 $\mu$ 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	08/06/2020	SW 267	ZO Lab Jal.	7.8	8.1	1.0	159	94	20	0.011	0.14	BDL	B	S

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27	Ravi at U/s of Madhopur H/W	1097	08/06/2020	SW 267	ZO Lab Jal.	8	8	BDL	108	87	10	BDL	80	24	4	90	BDL	BDL	BDL	BDL	BDL	BDL	2.8	1.2

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### Analysis results of Surface water monitoring under NWMP for the month of June, 2020

#### 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 $\mu$ 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	4/6/20	SW 2405	H/o Lab Patiala	8.0	6.2	7	565	17000	2600	0.62	1.76	0.46	D	U
2	Ghaggar at Bhankarpur	1295	4/6/20	SW 2406	H/o Lab Patiala	7.7	3.2	23	838	28000	3200	0.45	2.01	0.53	E	U
3	Ghaggar at Chattbir	1698	4/6/20	SW 2407	H/o Lab Patiala	7.6	3.4	14	783	24000	2700	0.35	2.09	0.50	E	U
4	Ghaggar at U/s Jharmal Nadi	1702	4/6/20	SW 2408	H/o Lab Patiala	7.7	4.6	11	730	28000	3300	0.37	2.19	0.47	D	U
5	Ghaggar at D/s Jharmal Nadi	1701	4/6/20	SW 2409	H/o Lab Patiala	7.7	2.7	22	1038	35000	4300	0.43	2.86	0.99	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	4/6/20	SW 2411	H/o Lab Patiala	7.5	3.2	10	732	21000	3100	0.26	3.18	0.81	E	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	4/6/20	SW 2412	H/o Lab Patiala	7.6	2.9	13	943	28000	3900	0.34	3.56	0.89	E	U
8	Ghaggar at Rattanheri	1473	9/6/20	SW 2422	H/o Lab Patiala	7.4	2.9	23	890	28000	3800	0.22	2.15	0.91	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	9/6/20	SW 2423	H/o Lab Patiala	7.4	2.7	22	908	28000	3900	0.21	2.24	0.93	E	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	9/6/20	SW 2424	H/o Lab Patiala	7.3	1.0	28	977	35000	4600	0.01	2.47	0.97	E	U
11	Ghaggar at Khanauri	1024	9/6/20	SW 2427	H/o Lab Patiala	7.1	2.0	16	817	28000	4000	0.006	2.24	0.89	E	U
12	Ghaggar at Moonak	1703	9/6/20	SW 2429	H/o Lab Patiala	7.1	1.8	18	905	35000	4700	0.007	2.28	0.95	E	U
13	Ghaggar at U/s Sardulgarh	1705	17/6/20	SW 2469	H/o Lab Patiala	7.5	3.6	14	722	22000	2600	0.24	1.84	0.83	E	U
14	Ghaggar at D/s Sardulgarh	1704	17/6/20	SW 2470	H/o Lab Patiala	7.3	3.2	16	827	28000	3100	0.13	1.89	0.89	E	U

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1	Ghaggar at Mubarikpur Rest House	1023	4/6/20	SW 2405	H/o Lab Patiala	32	820	434	339	288	38	16	135	36	11	223	BDL	12.3	1.32	17.2	0.14	1.0	47	21
2	Ghaggar at Bhankarpur	1295	4/6/20	SW 2406	H/o Lab Patiala	96	800	391	503	428	74	29	291	72	27	253	BDL	14.9	1.2	20.9	1.9	1.0	79	33
3	Ghaggar at Chattbir	1698	4/6/20	SW 2407	H/o Lab Patiala	62	180	139	470	399	71	23	257	63	24	246	BDL	14.0	1.1	19.6	1.3	0.9	77	27
4	Ghaggar at U/s Jharmal Nadi	1702	4/6/20	SW 2408	H/o Lab Patiala	53	40	68	438	372	66	21	211	53	19	238	BDL	12.3	0.9	17.2	1.2	0.8	73	26
5	Ghaggar at D/s Jharmal Nadi	1701	4/6/20	SW 2409	H/o Lab Patiala	98	45	76	623	530	93	31	355	78	39	297	BDL	14.2	1.3	19.9	3.5	1.3	124	40
6	Ghaggar at U/s Dhakanshu Nallah	1699	4/6/20	SW 2410	H/o Lab Patiala	51	20	41	439	373	64	19	195	50	17	245	BDL	13.1	1.0	18.3	0.9	0.9	102	32
7	Ghaggar at D/s Dhakanshu Nallah	1700	4/6/20	SW 2411	H/o Lab Patiala	60	25	53	566	481	74	24	234	59	21	273	BDL	13.7	1.0	19.2	1.7	1.0	125	61
8	Ghaggar at Rattanheri	1473	9/6/20	SW 2422	H/o Lab Patiala	97	50	79	534	544	78	32	283	67	28	277	BDL	14.9	1.7	20.9	4.5	1.2	83	41
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	9/6/20	SW 2423	H/o Lab Patiala	96	60	83	545	463	82	31	279	64	29	281	BDL	14.2	1.5	19.9	3.9	0.9	86	45
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	9/6/20	SW 2424	H/o Lab Patiala	120	100	125	586	498	93	35	336	80	33	292	BDL	13.2	1.6	18.5	5.3	1.0	104	51
11	Ghaggar at Khanauri	1024	9/6/20	SW 2427	H/o Lab Patiala	73	115	142	490	417	66	23	267	59	29	264	BDL	12.7	1.0	17.8	4.4	1.0	84	32
12	Ghaggar at Moonak	1703	9/6/20	SW 2429	H/o Lab Patiala	81	110	139	543	462	76	33	303	65	34	280	BDL	13.0	1.2	18.2	5.1	1.1	91	37
13	Ghaggar at U/s Sardulgarh	1705	17/6/20	SW 2469	H/o Lab Patiala	64	70	93	433	368	60	26	215	53	20	259	BDL	11.9	0.9	16.7	1.5	1.0	52	32
14	Ghaggar at D/s Sardulgarh	1704	17/6/20	SW 2470	H/o Lab Patiala	72	90	112	496	422	69	31	261	60	27	272	BDL	12.6	1.0	17.6	2.6	1.2	70	37

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	15/6/20	SW 2467	H.O. Lab Patiala	7.4	BDL	230	4862	430000	170000	0.08	6.68	1.04	E	U
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	15/6/20	SW 2468	H.O. Lab Patiala	7.3	BDL	62	1471	70000	21000	0.21	3.27	0.97	E	U
3	Point Source B/N	2914	11.06.20	SW 1381	Z.O. Lab, Ludhiana	7.1	BDL	110	1806	11,00,000	4,60,000	0.875	3.20	0.38	E	U
4	Kali Bein into Beas	2913	16/06/2020	SW 293	Z.O. Lab Jalandhar	7.6	4.7	2.9	312	2200	490	0.018	0.80	0.28	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	17/06/2020	SW 298	Z.O. Lab Jalandhar	7.5	BDL	236	2640	350000	110000	0.840	6.63	0.36	Below E	U
7	Hundiara drain before entering Pakistan	2907	17/06/2020	SW 299	Z.O. Lab Jalandhar	7.5	BDL	120	1604	280000	94000	0.520	4.27	0.40	Below E	U
8	Pathlawa Drain	2911	Sample was not collected													
9	Ranjit Sagar Reservoir	2912	08/06/2020	SW 266	Z.O. Lab Jalandhar	8.4	7.8	BDL (<1)	167	84	17	0.038	0.16	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	4/6/20	SW 2410	H.O. Lab Patiala	7.4	BDL	60	1270	110000	26000	0.11	2.38	0.98	E	U
11	Sagar Para Drain at village sagra dist.Patiala	4158	9/6/20	SW 2425	H.O. Lab Patiala	7.1	BDL	31	953	28000	3200	0.003	2.29	0.94	E	U
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	4/6/20	SW 2416	H.O. Lab Patiala	7.6	BDL	50	1057	350000	170000	0.54	2.88	0.79	E	U
13	Confluence point of Sarsa Nadi with river Satluj	4161	10.06.20	SW 1378	ZO Lab Ldh	7.7	8.0	<1	305	580	130	BDL	0.47	0.11	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 June, 2020

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 <sub>4</sub> Mg/l	TH mg/l	Ca mg/l	Mg mg/l	T.Alkn mg/l	p.Alkn mg/l	Amn-N mg/l	NO <sub>3</sub> -N mg/l	TKN mg/l	PO <sub>4</sub> 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	15/6/20	SW 2467	H.O. Lab Patiala	769	230	397	2917	2479	692	224	1247	273	137	1163	BDL	5.2	5.3	7.3	8.2	2.1	542	238
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	15/6/20	SW 2468	H.O. Lab Patiala	264	60	85	883	750	124	42	488	103	56	279	BDL	20.6	1.2	28.8	5.4	1.0	166	181
3	Point Source B/N	2914	11.06.20	SW 1381	Z.O. Lab, Ludhiana	328	160	380	1043	790	247	40	322	73.6	33.5	504	BDL	17.5	3.1	26.8	3.67	0.82	132	22.8
4	Kali Bein into Beas	2913	16/06/2020	SW 293	Z.O. Lab Jalandhar	22	16	10	197	165	24	16	118	33	9	143	BDL	0.7	0.6	1.4	0.16	0.19	20	3.9
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	17/06/20	SW 298	Z.O. Lab Jalandhar	562	210	83	1685	1215	155	110	572	132	59	691	BDL	42	4.4	78	3.6	0.52	365	34
7	Hundiara drain before entering Pakistan	2907	17/06/20	SW 299	Z.O. Lab Jalandhar	295	152	64	1115	890	130	92	390	90	40	538	BDL	26	3.7	53	2.7	0.26	194	35
8	Pathlawa Drain	2911	Sample was not collected																					
9	Ranjit Sagar Reservoir	2912	08/06/2020	SW 266	Z.O. Lab Jalandhar	BDL	6	BDL	115	98	12	BDL	82	26	4	87	BDL	BDL	BDL	BDL	BDL	BDL	3.4	1.4
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	4/6/20	SW 2410	H.O. Lab Patiala	256	50	112	762	648	118	39	547	138	49	297	BDL	7.3	2.2	10.2	3.7	1.4	128	57
11	Sagar Para Drain at village sagra dist.Patiala	4158	9/6/20	SW 2425	H.O. Lab Patiala	124	110	67	572	486	81	29	338	86	30	271	BDL	6.9	1.3	9.7	5.1	1.0	97	43
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	4/6/20	SW 2416	H.O. Lab Patiala	224	40	122	634	539	79	23	398	90	42	294	BDL	21.7	2.1	30.4	3.9	0.9	132	47
13	Confluence point of Sarsa Nadi with river Satluj	4161	10.06.20	SW 1378	ZO Lab Ldh	<5	64	68	161	136	16	8	132	29.6	14.1	78	BDL	BDL	1.5	BDL	0.18	0.24	12.5	2.0

- Note. 1. BDL means Below Method Detection Limit  
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