

Analysis results of Surface water monitoring under NWMP for the month of June, 2019

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 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 Satluj at U/S Nangal	1017	10.06.19	715	ZO Lab Ldh	8.37	8.8	<1	177	120	18	0.13	0.20	BDL	B	S
2	River Satluj at D/S NFL	1380	10.06.19	716	ZO Lab Ldh	8.30	8.6	<1	180	150	45	0.16	0.21	BDL	B	S
3	River Sutej at 100m D/s PACL Nangal	2915	10.06.19	717	ZO Lab Ldh	8.26	8.6	<1	186	170	68	0.14	0.19	0.14	B	S
4	River Satluj at D/s Nangal	1018	10.06.19	718	ZO Lab Ldh	8.14	8.4	<1	190	260	61	0.09	0.19	BDL	B	S
5	River Satluj at Kiratpur Sahib	1814	11.06.19	722	ZO Lab Ldh	8.48	8.8	<1	215	170	20	0.17	0.48	0.21	B	S
6	Ropar Head-Works	1019	11.06.19	724	ZO Lab Ldh	8.48	8.9	<1	256	400	130	0.20	0.22	0.17	B	S
7	River Satluj D/S of Rishab- Paper Mills	1293	11.06.19	725	ZO Lab Ldh	8.49	8.2	<1	259	470	170	0.20	0.18	0.17	B	S
8	River Satluj U/S Buddha Nallah	1690	12.06.19	733	ZO Lab Ldh	7.56	8.0	<1	301	930	370	0.05	0.25	0.2	C	S
9	River Satluj at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	12.06.19	735	ZO Lab Ldh	7.26	4.6	10	700	11,00,000	2,30,000	0.11	1.60	0.28	D	N
10	River Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	13.06.19	744	ZO Lab Ldh	7.43	5.8	3.2	398	84,000	31,000	0.05	0.50	0.51	D	N
11	River Satluj at D/s East Bein	1381	13.06.19	747	ZO Lab Jal.	7.58	5.4	3.4	527	21,000	7900	0.06	2.36	0.43	D	N
12	River Satluj at Harike	1022	13.06.19	748	ZO Lab Ldh	7.42	5.8	2.1	280	9400	2600	0.015	0.42	0.43	D	N
13	Harike Lake D/S from canal	1382	12.06.19	462	ZO Lab Jal.	7.5	6.3	1.2	255	1400	630	0.02	0.32	0.72	C	S
14	D/S Harike lake	1297	12.06.19	463	ZO Lab Jal.	7.4	7.4	1.4	272	2800	1400	0.015	0.23	0.67	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	13.06.19	750	ZO Lab Ldh	7.70	7.8	<1	210	1200	200	0.42	0.28	0.39	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	13.06.19	751	ZO Lab Ldh	7.84	7.6	<1	226	1300	200	0.50	0.29	0.41	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 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
1	River Satluj at U/S Nangal	1017	10.06.19	715	ZO Lab Ldh	<5	5.8	BDL	106	98	12	8	78	19.2	7.4	60	BDL	1.0	0.8	1.2	0.06	0.12	4.1	2.4
2	River Satluj at D/S NFL	1380	10.06.19	716	ZO Lab Ldh	<5	7.6	BDL	112	101	14	10	82	20.8	7.4	64	BDL	1.6	1.4	2.8	0.09	0.12	4.3	3.3
3	River Sutej at 100m D/s PACL Nangal	2915	10.06.19	717	ZO Lab Ldh	<5	7.8	6	114	103	14	11	84	20	8.3	66	BDL	1.4	1.19	2.6	0.11	0.13	4.1	3.5
4	River Satluj at D/s Nangal	1018	10.06.19	718	ZO Lab Ldh	<5	11.4	10	118	105	16	14	92	22.4	8.8	72	BDL	1.4	1.4	2.6	0.14	0.13	4.2	3.4
5	River Satluj at Kiratpur Sahib	1814	11.06.19	722	ZO Lab Ldh	<5	10.0	11	138	120	18	14	98	24	9.2	82	BDL	1.2	0.98	1.2	0.19	0.13	11	3.7
6	Ropar Head-Works	1019	11.06.19	724	ZO Lab Ldh	<5	11	12	154	132	20	12	104	25.6	9.7	102	BDL	1.4	0.99	2.6	0.30	0.14	5.1	3.7
7	River Satluj D/S of Rishab-Paper Mills	1293	11.06.19	725	ZO Lab Ldh	<5	12	14	161	142	22	14	110	26.4	10.4	106	BDL	1.4	1.13	2.8	0.32	0.15	4.3	3.2
8	River Satluj U/S Buddha Nallah	1690	12.06.19	733	ZO Lab Ldh	8	18	24	187	164	22	14	128	33.6	10.8	110	BDL	2.0	1.28	3.6	0.34	0.16	6.4	4.4
9	River Satluj at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	12.06.19	735	ZO Lab Ldh	48	56	39	413	358	86	42	224	57.6	19.6	180	BDL	11	2.02	23	1.8	0.19	55	11
10	River Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	13.06.19	744	ZO Lab Ldh	20	26	22	248	213	42	28	168	40.8	16	132	BDL	3.0	1.44	5.2	0.5	0.16	15	5
11	River Satluj at D/s East Bein	1381	13.06.19	747	ZO Lab Jal.	22	24	20	322	284	36	22	162	40	15.1	134	BDL	2.5	2.32	4.0	0.42	0.20	69	5
12	River Satluj at Harike	1022	13.06.19	748	ZO Lab Ldh	18	12	18	168	148	20	10	108	25.6	10.6	96	BDL	1.0	1.18	2.4	0.12	0.18	10	5.2
13	Harike Lake D/S from canal	1382	12.06.19	462	ZO Lab Jal.	12	54	36	178	142	16	16	115	29	10	134	BDL	1.0	1.2	2.2	0.10	0.15	7.8	3.0
14	D/S Harike lake	1297	12.06.19	463	ZO Lab Jal.	16	48	26	182	146	14	16	108	30	8	142	BDL	1.0	1.0	1.8	0.11	0.12	5.5	2.8
15	U/S Hussainiwala H/W Ferozepur	1691	13.06.19	750	ZO Lab Ldh	5.6	14	11	125	111	10	8	98	23.2	9.6	72	BDL	1.4	1.11	2.4	0.2	0.12	6.4	3.8
16	D/S Hussainiwala H/W Ferozepur	1692	14.06.19	751	ZO Lab Ldh	6.4	19	16	136	120	12	9	104	26.4	9.3	80	BDL	1.4	1.21	2.6	0.24	0.13	6.9	3.7

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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	03.06.19	441	ZO Lab Jal.	7.9	6.3	BDL	224	84	46	BDL	0.39	0.96	B	S
18	River Beas at U/S Pathankot	1694	03.06.19	443	ZO Lab Jal.	7.9	8.3	1.0	250	140	110	0.023	0.50	0.87	B	S
19	River Beas at D/S Pathankot	1695	03.06.19	444	ZO Lab Jal.	7.8	8.1	1.1	243	790	490	0.018	0.32	0.84	C	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	03.06.19	442	ZO Lab Jal.	7.7	8.4	BDL	255	94	46	0.015	0.46	0.91	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	04.06.19	451	ZO Lab Jal.	7.8	6.8	1.3	258	580	250	0.025	0.19	0.80	C	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	04.06.19	456	ZO Lab Jal.	7.4	7.1	1.2	314	280	170	0.01	0.41	0.76	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	12.06.19	458	ZO Lab Jal.	7.6	8.2	1.0	264	220	170	0.013	0.33	0.75	B	S
24	River Beas at U/s Goindwal	1696	12.06.19	459	ZO Lab Jal.	7.7	8.0	1.1	238	280	140	0.021	0.18	0.71	B	S
25	River Beas at D/s Goindwal	1012	12.06.19	460	ZO Lab Jal.	7.7	7.9	1.2	240	310	170	0.018	0.18	0.67	B	S
26	Beas at Harike	1697	12.06.19	461	ZO Lab Jal.	7.6	7.6	1.0	270	220	110	0.015	0.24	0.63	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	TD S 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	TK N mg/l	PO4a s P mg/l	F mg/l	Na mg/l	K mg/l
17	River Beas at Talwara H/W	1693	03.06.19	441	ZO Lab Jal.	8	9.8	BDL	148	124	8	8	92	26	6	118	BDL	BDL	BDL	BDL	BDL	BDL	8.5	2.6
18	River Beas at U/S Pathankot	1694	03.06.19	443	ZO Lab Jal.	8	22	12	178	148	8	10	110	28	10	102	BDL	0.5	BDL	1.0	0.10	0.13	12	3
19	River Beas at D/S Pathankot	1695	03.06.19	444	ZO Lab Jal.	10	42	20	164	138	12	14	113	29	10	121	BDL	0.5	0.3	1.2	0.08	0.15	7.9	2.7
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	03.06.19	442	ZO Lab Jal.	8	18	12	170	140	6	10	108	31	8	98	BDL	0.5	BDL	0.9	0.07	0.11	11	3.0
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	04.06.19	451	ZO Lab Jal.	14	56	28	160	132	10	16	91	28	5	132	BDL	0.7	0.5	1.4	0.09	0.15	4.2	2.6
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	04.06.19	456	ZO Lab Jal.	12	60	22	210	176	14	12	135	38	10	146	BDL	0.6	0.4	1.2	0.07	0.14	11	4.3
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	12.06.19	458	ZO Lab Jal.	10	54	32	162	134	20	14	91	26	6	120	BDL	0.5	0.7	1.4	0.09	0.13	7.1	2.3
24	River Beas at U/s Goindwal	1696	12.06.19	459	ZO Lab Jal.	12	48	30	149	118	16	12	91	26	6	112	BDL	0.7	0.6	1.2	0.08	0.12	4.0	2.3
25	River Beas at D/s Goindwal	1012	12.06.19	460	ZO Lab Jal.	14	60	34	152	118	14	12	96	27	7	118	BDL	0.6	0.6	1.0	0.09	0.12	4.0	2.3
26	Beas at Harike	1697	12.06.19	461	ZO Lab Jal.	10	68	36	172	140	14	18	106	27	9	133	BDL	0.6	0.9	1.0	0.08	0.13	5.7	2.5

- 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, 2019

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	03.06.19	440	ZO Lab Jal.	7.7	8.9	BDL	159	79	33	BDL	0.11	1.07	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	03.06.19	440	ZO Lab Jal.	BDL	4.0	BDL	120	101	9	10	83	21	7	84	BDL	BDL	BDL	BDL	BDL	BDL	2.3	1.8

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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	Flow (Cusec/Sec)	Quality of water as per DBDU	Water Quality Index
1	Ghaggar at Mubarikpur Rest House	1023	11/6/19	SW 334	H/o Lab Patiala	7.6	4.3	17	518	28,000	3900	0.29	0.91	0.23	-	D	U
2	Ghaggar at Bhankarpur	1295	11/6/19	SW 335	H/o Lab Patiala	7.7	2.7	50	816	63,000	9200	0.35	0.99	0.19	1010	E	U
3	Ghaggar at Chattbir	1698	11/6/19	SW 336	H/o Lab Patiala	7.8	1.9	28	802	49,000	6800	0.35	1.17	0.24	-	E	U
4	Ghaggar at U/s Jharmal Nadi	1702	11/6/19	SW 337	H/o Lab Patiala	7.7	3.1	21	857	24,000	3400	0.22	1.58	0.22	-	E	U
5	Ghaggar at D/s Jharmal Nadi	1701	11/6/19	SW 338	H/o Lab Patiala	7.8	2.8	25	1002	35,000	5800	0.36	1.96	0.24	-	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	11/6/19	SW 340	H/o Lab Patiala	7.6	2.7	21	991	35,000	6300	0.24	1.51	0.21	5	E	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	11/6/19	SW 341	H/o Lab Patiala	7.7	2.3	26	1200	41,000	6800	0.35	1.83	0.23	7.8	E	U
8	Ghaggar at Rattanheri	1473	12/6/19	SW 351	H/o Lab Patiala	7.7	1.8	27	1390	28,000	5800	0.30	3.86	0.36	-	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	12/6/19	SW 352	H/o Lab Patiala	7.0	1.6	59	1840	46,000	6100	BDL	3.46	0.37	-	E	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	12/6/19	SW 353	H/o Lab Patiala	7.0	BDL	66	2040	48,000	8200	BDL	4.15	0.36	-	E	U
11	Ghaggar at Khanauri	1024	12/6/19	SW 356	H/o Lab Patiala	7.9	2.0	35	1236	24,000	3400	0.42	2.77	0.56	125	E	U
12	Ghaggar at Moonak	1703	12/6/19	SW 358	H/o Lab Patiala	7.8	2.2	31	1330	35,000	4100	0.32	2.62	0.57	145	E	U
13	Ghaggar at U/s Sardulgarh	1705	14/6/19	SW 379	H/o Lab Patiala	7.7	3.6	16	1390	22,000	2600	0.24	2.53	0.31	477	E	U
14	Ghaggar at D/s Sardulgarh	1704	14/6/19	SW 380	H/o Lab Patiala	7.8	3.1	20	1410	35,000	4,000	0.33	2.58	0.42	493	E	U

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1	Ghaggar at Mubarikpur Rest House	1023	11/6/19	SW 334	H/o Lab Patiala	86	610	714	337	286	38	14	194	56	13	228	BDL	11.0	2.40	15.4	1.57	0.42	29	8
2	Ghaggar at Bhankarpur	1295	11/6/19	SW 335	H/o Lab Patiala	204	390	528	530	451	75	20	277	81	18	362	BDL	11.6	1.1	16.2	2.99	0.40	38	15
3	Ghaggar at Chattbir	1698	11/6/19	SW 336	H/o Lab Patiala	140	205	510	521	443	60	21	258	83	12	357	BDL	10.0	0.90	14.0	1.80	0.48	43	14
4	Ghaggar at U/s Jharmal Nadi	1702	11/6/19	SW 337	H/o Lab Patiala	106	170	391	557	473	86	25	238	77	11	373	BDL	7.2	0.70	10.1	1.30	0.30	56	13
5	Ghaggar at D/s Jharmal Nadi	1701	11/6/19	SW 338	H/o Lab Patiala	126	200	498	651	553	86	26	292	84	20	402	BDL	10.4	1.2	14.6	1.72	0.90	77	30
6	Ghaggar at U/s Dhakanshu Nallah	1699	11/6/19	SW 340	H/o Lab Patiala	108	130	104	644	547	70	21	281	81	19	371	BDL	9.6	0.60	13.4	1.57	0.40	58	23
7	Ghaggar at D/s Dhakanshu Nallah	1700	11/6/19	SW 341	H/o Lab Patiala	132	145	131	780	663	92	31	363	99	28	413	BDL	11.6	1.2	16.2	1.95	0.7	80	35
8	Ghaggar at Rattanheri	1473	12/6/19	SW 351	H/o Lab Patiala	134	70	156	904	768	145	46	359	104	24	428	BDL	10.0	0.60	14.0	1.80	0.42	168	47
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	12/6/19	SW 352	H/o Lab Patiala	270	280	210	1210	1030	178	52	468	128	36	1096	BDL	10.0	0.98	14.2	1.88	0.40	172	62
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	12/6/19	SW 353	H/o Lab Patiala	301	310	234	1520	1310	212	71	553	142	48	1245	BDL	11.0	1.1	15.4	5.26	0.48	224	78
11	Ghaggar at Khanauri	1024	12/6/19	SW 356	H/o Lab Patiala	177	115	112	803	683	78	41	309	94	18	541	BDL	9.4	0.90	13.2	4.35	0.40	112	30
12	Ghaggar at Moonak	1703	12/6/19	SW 358	H/o Lab Patiala	156	90	108	865	735	91	48	412	117	29	570	BDL	9.0	0.98	12.6	4.47	0.40	122	33
13	Ghaggar at U/s Sardulgarh	1705	14/6/19	SW 379	H/o Lab Patiala	82	40	97	834	709	88	27	395	87	19	613	BDL	8.0	0.60	11.2	1.02	0.36	100	29
14	Ghaggar at D/s Sardulgarh	1704	14/6/19	SW 380	H/o Lab Patiala	102	50	104	847	720	95	31	321	92	22	624	BDL	9.4	0.80	13.1	1.46	0.28	106	32

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	18/6/19	SW 419	H.O. Lab Patiala	7.1	BDL	128	5000	4,30,000	2,80,000	0.004	8.20	0.29	E	U
2	Tallewal Drain along with Lohgarh –Jalwana Link road near Shri Krishna rice mill Punjab	2909	18/6/19	SW 420	H.O. Lab Patiala	7.3	BDL	123	2050	1,10,000	26,000	0.22	3.19	0.12	E	U
3	Point Source B/N	2914	12/6/19	734	Z.O. Lab, Ludhiana	7.04	BDL	260	1795	35,00,000	13,00,000	BDL	3.94	0.57	E	U
4	Kali Bein into Beas	2913	18/6/19	485	Z.O. Lab Jalandhar	7.6	6.4	3.4	273	2200	1100	0.25	1.27	0.34	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	20/6/19	473	Z.O. Lab Jalandhar	6.9	BDL	202	2480	3,50,000	1,70,000	BDL	6.42	0.28	E	U
7	Hundiara drain before entering Pakistan	2907	20/6/19	474	Z.O. Lab Jalandhar	7.4	BDL	92	1712	2,20,000	1,30,000	0.54	2.71	0.33	E	U
8	Pathlawa Drain	2911	Sample was not collected													
9	Ranjit Sagar Reservoir	2912	03/6/19	439	Z.O. Lab Jalandhar	7.8	7.2	BDL	187	63	33	BDL	0.14	1.16	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	11/6/19	SW 342	H.O. Lab Patiala	8.0	BDL	17	1050	28,000	3800	0.09	2.43	0.27	E	U
11	Sagar Para Drain at village sagra dist.Patiala	4158	12/6/19	SW 354	H.O. Lab Patiala	7.8	BDL	72	1490	2,20,000	8400	0.74	2.60	0.53	E	U
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	11/6/19	SW 343	H.O. Lab Patiala	8.0	BDL	45	950	35,000	94,000	0.90	1.52	0.21	E	U
13	Confluence point of Sarsa Nadi with river Satluj	4161	11/6/19	726	ZO Lab Ldh	8.4	8.6	<1	283	320	98	0.20	0.25	0.21	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 June, 2019

S. N.	Point of Sample Collection	Code	Date of receipt in lab	Lab Sample No.	Sample Collected & Analyzed by	CO D 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.Alk n mg/l	p.Alk n 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	18/6/19	SW 419	H.O. Lab Patiala	532	220	315	3050	2593	912	168	739	210	52	1298	BDL	7.0	1.3	9.8	7.41	0.30	512	183	
2	Tallewal Drain along with Lohgarh –Jalwana Link road near Shri Krishna rice mill Punjab	2909	18/6/19	SW 420	H.O. Lab Patiala	512	190	268	1333	1133	248	68	618	173	45	568	BDL	22.0	0.90	30.8	4.19	0.90	182	224	
3	Point Source B/N	2914	12/6/19	734	Z.O. Lab, Ludhiana	792	174	279	1095	930	174	90	368	94.4	32.3	590	BDL	22	5.29	35	3.6	0.35	174	33	
4	Kali Bein into Beas	2913	18/6/19	485	Z.O. Lab Jalandhar	20	40	24	272	218	18	14	132	35	8	160	BDL	1.0	1.2	1.9	0.15	0.16	32	3.1	
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	20/6/19	473	Z.O. Lab Jalandhar	480	380	310	1520	1310	292	120	560	154	61	568	BDL	42	4.8	80	3.6	0.38	372	32	
7	Hundiara drain before entering Pakistan	2907	20/6/19	474	Z.O. Lab Jalandhar	285	460	170	1080	860	230	134	430	130	46	450	BDL	36	5.2	54	3.4	0.28	141	30	
8	Pathlawa Drain	2911	Sample was not collected																						
9	Ranjit Sagar Reservoir	2912	03/6/19	439	Z.O. Lab Jalandhar	BDL	3.0	BDL	130	118	7	6	96	23	9	92	BDL	BDL	BDL	BDL	BDL	BDL	3.1	2.6	
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	11/6/19	SW 342	H.O. Lab Patiala	174	25	62	943	802	248	47	379	117	218	320	BDL	8.8	1.0	12.3	2.27	0.70	193	36	
11	Sagar Para Drain at village sagra dist.Patiala	4158	12/6/19	SW 354	H.O. Lab Patiala	297	70	131	894	760	122	23	328	98	20	660	BDL	11.8	1.2	16.5	2.0	1.2	108	29	
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	11/6/19	SW 343	H.O. Lab Patiala	194	160	168	570	485	68	21	388	81	45	368	BDL	18.0	1.20	25.2	1.97	0.20	69	24	
13	Confluence point of Sarsa Nadi with river Satluj	4161	11/6/19	726	ZO Lab Ldh	<5	15	17	173	145	26	16	130	32	12.1	100	BDL	1.6	1.02	2.8	0.40	0.15	6.6	4.2	

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