

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

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 Sutlej at U/S Nangal	1017	4/11/19	SW 974	ZO Lab Ldh	8.1	9.0	<1	192	390	93	BDL	0.28	BDL	B	S
2	River Sutlej at D/S NFL	1380	4/11/19	SW 975	ZO Lab Ldh	8.4	7.8	<1	226	790	230	BDL	0.30	BDL	C	S
3	River Sutej at 100m D/s PACL Nangal	2915	4/11/19	SW 976	ZO Lab Ldh	8.3	7.9	<1	310	840	260	BDL	0.26	BDL	C	S
4	River Sutlej at D/s Nangal	1018	4/11/19	SW 977	ZO Lab Ldh	8.4	8.1	<1	268	1100	330	BDL	0.18	BDL	C	S
5	River Sutlej at Kiratpur Sahib	1814	4/11/19	SW 979	ZO Lab Ldh	8.2	8.8	<1	376	790	220	BDL	0.29	0.12	C	S
6	Ropar Head-Works	1019	5/11/19	SW982	ZO Lab Ldh	8.3	9.0	<1	208	1400	460	BDL	0.21	0.15	C	S
7	River Sutlej D/S of Rishab-Paper Mills	1293	5/11/19	SW 983	ZO Lab Ldh	8.3	8.4	<1	225	1700	700	BDL	0.22	0.20	C	S
8	River Sutlej U/S Buddha Nallah	1690	5/11/19	SW 989	ZO Lab Ldh	7.9	8.1	1.2	267	4900	1700	0.045	0.21	0.26	C	S
9	River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	6/11/19	SW 991	ZO Lab Ldh	7.9	4.0	10.8	317	1,70,000	79,000	0.086	0.53	0.33	D	U
10	River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	18/11/19	SW 1014	ZO Lab Ldh	7.4	3.4	8.2	563	70,000	21,000	0.069	0.98	0.29	E	U
11	River Sutlej at D/s East Bein	1381	18/11/19	SW 1015	ZO Lab Ldh.	7.6	4.8	5.2	558	46,000	21,000	0.098	0.87	0.30	D	U
12	River Sutlej at Harike	1022	18/11/19	SW 1016	ZO Lab Ldh.	7.7	6.6	1.8	340	4300	790	0.063	0.61	0.28	C	S
13	Harike Lake D/S from canal	1382	5/11/19	SW 714	ZO Lab Jal.	7.6	7.6	1.4	194	1200	360	0.015	0.25	0.29	C	S
14	D/S Harike lake	1297	5/11/19	SW 715	ZO Lab Jal.	7.6	7.4	1.3	229	1400	360	0.018	0.30	0.28	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	19/11/19	SW 1019	ZO Lab Ldh	8.2	8.1	1.1	228	630	210	BDL	0.24	0.24	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	19/11/19	SW 1020	ZO Lab Ldh	8.2	8.0	1.2	234	790	220	BDL	0.21	0.22	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	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
1	River Sutlej at U/S Nangal	1017	4/11/19	SW 974	ZO Lab Ldh	<5	3	BDL	117	104	6	8	100	23.2	10.2	68	BDL	BDL	5.02	BDL	BDL	0.21	6.4	1.5
2	River Sutlej at D/S NFL	1380	4/11/19	SW 975	ZO Lab Ldh	<5	2	BDL	134	116	7	6	108	27.2	9.7	78	BDL	BDL	7.72	BDL	BDL	0.24	7.2	2.3
3	River Sutej at 100m D/s PACL Nangal	2915	4/11/19	SW 976	ZO Lab Ldh	<5	8	18	190	167	9	14	158	29.6	20.4	102	BDL	BDL	3.91	BDL	BDL	0.15	7.5	2.4
4	River Sutlej atD/s Nangal	1018	4/11/19	SW 977	ZO Lab Ldh	<5	2	BDL	162	142	7	5	128	27.2	14.6	102	BDL	BDL	2.69	BDL	BDL	0.32	4.6	1.8
5	River Sutlej at Kiratpur Sahib	1814	4/11/19	SW 979	ZO Lab Ldh	<5	15	23	229	194	11	16	168	35.2	19.4	160	BDL	BDL	5.79	BDL	0.13	0.26	8.7	3.1
6	Ropar Head-Works	1019	5/11/19	SW982	ZO Lab Ldh	<5	5	8	127	112	7	6	96	24.8	8.3	74	BDL	BDL	5.02	BDL	0.04	0.22	4.7	2.1
7	River Sutlej D/S of Rishab-Paper Mills	1293	5/11/19	SW 983	ZO Lab Ldh	<5	10	22	141	123	10	7	116	24	13.6	78	BDL	BDL	4.98	1.1	BDL	0.25	5.5	2.6
8	River Sutlej U/S Buddha Nallah	1690	5/11/19	SW 989	ZO Lab Ldh	6	30	41	163	142	12	13	114	29.6	9.7	80	BDL	1.0	10.92	1.4	0.08	0.27	5.2	2.6
9	River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	6/11/19	SW 991	ZO Lab Ldh	36	65	102	192	167	22	14	120	29.6	11.2	106	BDL	1.9	2.91	2.4	0.11	0.49	13.3	4.1
10	River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	18/11/19	SW 1014	ZO Lab Ldh	28	40	62	344	298	72	15	176	36.8	20.4	194	BDL	4.6	1.78	5.8	0.25	0.22	29.9	8.9
11	River Sutlej at D/s East Bein	1381	18/11/19	SW 1015	ZO Lab Ldh	24	45	65	339	294	74	14	190	35.2	24.8	178	BDL	3.9	2.11	5.2	0.08	0.29	27.5	6.1
12	River Sutlej at Harike	1022	18/11/19	SW 1016	ZO Lab Ldh	10	55	42	214	180	34	9	136	34.4	12.2	148	BDL	2.1	3.20	2.8	0.14	0.31	16.4	4.6
13	Harike Lake D/S from canal	1382	5/11/19	SW 714	ZO Lab Jal.	10	41	16	144	120	20	14	105	29	8	94	BDL	0.6	0.7	1.5	0.08	0.12	5.8	2.6
14	D/S Harike lake	1297	5/11/19	SW 715	ZO Lab Jal.	12	43	18	153	125	19	16	118	30	10	93	BDL	0.7	0.6	1.3	0.12	0.13	7.5	3.1
15	U/S Hussainiwala H/W Ferozepur	1691	19/11/19	SW 1019	ZO Lab Ldh	5	12	16	140	124	16	6	112	27.2	10.7	110	BDL	BDL	1.32	1.2	BDL	0.15	5.9	3.4
16	D/S Hussainiwala H/W Ferozepur	1692	19/11/19	SW 1020	ZO Lab Ldh	6	14	18	144	125	18	7	116	28	11.2	108	BDL	BDL	4.11	1.3	BDL	0.17	5.3	3.1

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River Beas

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17	River Beas at Talwara H/W	1693	14/11/19	SW 748	ZO Lab Jal.	7.3	7.5	1.0	158	84	43	0.003	0.26	BDL	B	S
18	River Beas at U/S Pathankot	1694	14/11/19	SW 750	ZO Lab Jal.	7.8	7.8	1.2	254	94	46	0.021	0.20	0.13	B	S
19	River Beas at D/S Pathankot	1695	14/11/19	SW 750	ZO Lab Jal.	7.9	7.4	1.3	278	280	110	0.032	0.38	0.18	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	14/11/19	SW 749	ZO Lab Jal.	7.4	7.7	1.3	268	79	33	0.008	0.43	0.11	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	7/11/19	SW 763	ZO Lab Jal.	7.8	7.6	1.2	235	430	210	0.021	0.17	0.19	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	8/11/19	SW 762	ZO Lab Jal.	7.6	7.8	1.1	222	240	130	0.013	0.17	0.22	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	5/11/19	SW 710	ZO Lab Jal.	7.7	7.5	1.3	218	170	84	0.018	0.18	0.20	B	S
24	River Beas at U/s Goindwal	1696	5/11/19	SW 711	ZO Lab Jal.	7.6	7.6	1.2	215	210	94	0.013	0.20	0.22	B	S
25	River Beas at D/s Goindwal	1012	5/11/19	SW 712	ZO Lab Jal.	7.5	7.6	1.2	199	220	110	0.010	0.19	0.25	B	S
26	Beas at Harike	1697	5/11/19	SW 713	ZO Lab Jal.	7.4	7.8	1.1	204	210	120	0.011	0.20	0.23	B	S

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17	River Beas at Talwara H/W	1693	14/11/19	SW 748	ZO Lab Jal.	8	12	BDL	110	90	9	8	73	19	6	80	BDL	BDL	BDL	BDL	BDL	BDL	5.0	2.1
18	River Beas at U/S Pathankot	1694	14/11/19	SW 750	ZO Lab Jal.	13	21	12	156	130	21	10	82	25	5	104	BDL	0.6	0.4	1.2	BDL	0.10	4.1	2.4
19	River Beas at D/S Pathankot	1695	14/11/19	SW 750	ZO Lab Jal.	14	23	14	180	150	24	16	114	31	9	128	BDL	0.7	0.5	1.4	0.07	0.11	9.3	2.8
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	14/11/19	SW 749	ZO Lab Jal.	12	18	10	160	135	16	12	82	26	4	102	BDL	0.5	0.4	1.1	BDL	BDL	8.9	2.7
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	7/11/19	SW 763	ZO Lab Jal.	12	27	15	156	124	16	12	108	29	9	110	BDL	0.6	0.5	1.2	0.05	0.14	4.0	2.7
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	8/11/19	SW 762	ZO Lab Jal.	8	25	12	135	102	12	14	102	25	10	98	BDL	0.5	0.4	1.0	0.04	0.12	3.9	2.4
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	5/11/19	SW 710	ZO Lab Jal.	10	33	14	142	118	13	10	102	27	8	113	BDL	0.6	0.6	1.3	0.05	0.13	4.1	2.4
24	River Beas at U/s Goindwal	1696	5/11/19	SW 711	ZO Lab Jal.	7	32	16	138	114	10	10	98	24	9	100	BDL	0.5	0.4	1.0	0.06	0.11	4.5	2.3
25	River Beas at D/s Goindwal	1012	5/11/19	SW 712	ZO Lab Jal.	8	37	16	132	112	14	10	95	24	8	87	BDL	0.5	0.6	1.1	0.07	0.12	4.2	2.4
26	Beas at Harike	1697	5/11/19	SW 713	ZO Lab Jal.	8	32	14	130	116	18	12	89	23	8	85	BDL	0.7	0.8	1.4	0.05	0.11	4.3	2.4

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 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	14/11/19	SW 747	ZO Lab Jal.	7.4	7.9	1.1	151	70	26	0.005	0.07	BDL	B	S

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27	Ravi at U/s of Madhopur H/W	1097	14/11/19	SW 747	ZO Lab Jal.	10	8	BDL	108	88	10	10	80	23	6	76	ND	BDL	BDL	BDL	BDL	BDL	1.5	2.0

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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 DBU	Water Quality Index
1	Ghaggar at Mubarikpur Rest House	1023	7/11/19	SW 1247	H/o Lab Patiala	7.5	6.1	4	288	15000	2100	0.19	0.96	0.21	D	U
2	Ghaggar at Bhankarpur	1295	7/11/19	SW 1248	H/o Lab Patiala	7.2	4.0	15	435	22000	2600	0.11	1.20	0.33	D	U
3	Ghaggar at Chattbir	1698	7/11/19	SW 1249	H/o Lab Patiala	7.2	4.3	11	417	21000	2400	0.08	1.31	0.29	D	U
4	Ghaggar at U/s Jharmal Nadi	1702	7/11/19	SW 1250	H/o Lab Patiala	7.2	4.4	8	323	17000	2000	0.10	1.23	0.23	D	U
5	Ghaggar at D/s Jharmal Nadi	1701	7/11/19	SW 1251	H/o Lab Patiala	7.3	3.1	15	451	17000	2200	0.11	1.34	0.41	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	7/11/19	SW 1253	H/o Lab Patiala	7.3	4.0	4	328	22000	2200	0.06	1.61	0.28	D	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	7/11/19	SW 1254	H/o Lab Patiala	7.2	3.0	17	638	22000	3900	0.10	1.92	0.35	E	U
8	Ghaggar at Rattanheri	1473	14/11/19	SW 1286	H/o Lab Patiala	7.4	4.1	13	620	24000	2700	0.20	1.93	0.51	D	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	14/11/19	SW 1287	H/o Lab Patiala	7.3	4.3	14	651	22000	2600	0.13	2.00	0.46	D	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	14/11/19	SW 1288	H/o Lab Patiala	7.3	3.6	18	802	28000	3100	0.13	2.41	0.52	E	U
11	Ghaggar at Khanauri	1024	14/11/19	SW 1291	H/o Lab Patiala	7.1	3.1	27	745	28000	3800	0.004	1.63	0.44	E	U
12	Ghaggar at Moonak	1703	14/11/19	SW 1293	H/o Lab Patiala	7.1	2.9	29	805	35000	5800	0.006	1.78	0.55	E	U
13	Ghaggar at U/s Sardulgarh	1705	20/11/19	SW 1347	H/o Lab Patiala	7.9	6.3	6	313	13000	1500	0.41	1.43	0.31	D	U
14	Ghaggar at D/s Sardulgarh	1704	20/11/19	SW 1348	H/o Lab Patiala	7.8	5.9	8	394	17000	1700	0.35	1.29	0.36	D	U

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1	Ghaggar at Mubarikpur Rest House	1023	7/11/19	SW 1247	H/o Lab Patiala	18	700	512	187	159	21	5	60	19	3	142	BDL	9.7	1.90	13.6	2.23	0.21	17	6
2	Ghaggar at Bhankarpur	1295	7/11/19	SW 1248	H/o Lab Patiala	66	480	397	283	241	30	10	112	33	7	184	BDL	11.2	0.78	15.7	2.3	0.27	29	11
3	Ghaggar at Chattbir	1698	7/11/19	SW 1249	H/o Lab Patiala	52	110	198	271	230	31	8	113	32	8	198	BDL	8.0	0.80	11.2	2.0	0.22	32	10
4	Ghaggar at U/s Jharmal Nadi	1702	7/11/19	SW 1250	H/o Lab Patiala	35	50	92	210	179	26	4	85	24	6	147	BDL	10.4	0.68	14.6	1.4	0.19	26	7
5	Ghaggar at D/s Jharmal Nadi	1701	7/11/19	SW 1251	H/o Lab Patiala	68	80	110	293	2319	42	12	115	31	9	201	BDL	11.1	0.72	15.5	5.2	0.23	33	13
6	Ghaggar at U/s Dhakanshu Nallah	1699	7/11/19	SW 1253	H/o Lab Patiala	20	30	93	213	181	19	5	62	18	4	164	BDL	6.1	0.59	8.5	1.0	0.17	29	10
7	Ghaggar at D/s Dhakanshu Nallah	1700	7/11/19	SW 1254	H/o Lab Patiala	73	40	76	415	353	58	15	198	51	17	293	BDL	10.2	0.83	14.3	1.7	0.63	62	26
8	Ghaggar at Rattanheri	1473	14/11/19	SW 1286	H/o Lab Patiala	59	40	148	372	316	66	17	178	48	14	233	BDL	13.4	0.98	18.8	2.9	0.61	59	24
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	14/11/19	SW 1287	H/o Lab Patiala	63	30	132	423	360	62	18	194	51	16	248	BDL	12.9	0.91	18.1	2.2	0.63	64	28
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	14/11/19	SW 1288	H/o Lab Patiala	81	35	151	521	443	74	26	264	71	21	283	BDL	12.7	0.98	17.8	3.8	0.72	90	33
11	Ghaggar at Khanauri	1024	14/11/19	SW 1291	H/o Lab Patiala	118	30	78	484	411	68	22	284	74	24	292	BDL	8.7	1.12	12.2	2.38	0.69	63	21
12	Ghaggar at Moonak	1703	14/11/19	SW 1293	H/o Lab Patiala	123	20	62	523	445	72	26	309	79	27	301	BDL	12.3	1.03	17.2	2.4	0.64	72	27
13	Ghaggar at U/s Sardulgarh	1705	20/11/19	SW 1347	H/o Lab Patiala	29	15	29	204	173	19	√4	67	22	3	153	BDL	9.2	0.32	12.9	1.9	0.14	27	8
14	Ghaggar at D/s Sardulgarh	1704	20/11/19	SW 1348	H/o Lab Patiala	38	15	31	256	218	29	8	97	27	7	190	BDL	10.0	0.51	14.0	2.14	0.21	29	11

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Drains

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	FColi MPN/ 100ml	Free Amm. mg/l	SAR	B mg/l	Water quality as per DBU	Water Quality Index
1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	6/11/19	SW 1234	H.O. Lab Patiala	7.3	BDL	103	4723	350000	1,20,000	0.08	7.91	0.95	E	U
2	Tallewal Drain along with Lohgarh –Jalwana Link road near Shri Krishna rice mill Punjab	2909	6/11/19	SW 1235	H.O. Lab Patiala	7.4	BDL	29	1243	43000	17000	0.32	3.29	0.45	E	U
3	Point Source B/N	2914	6/11/19	SW 990	Z.O. Lab, Ludhiana	7.1	0	228	1560	49,00,000	22,00,000	0.013	2.2	1.09	E	U
4	Kali Bein into Beas	2913	26/11/19	SW 782	Z.O. Lab Jalandhar	7.3	5.1	2.6	310	6300	1700	0.010	0.60	0.74	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	22/11/19	SW 770	Z.O. Lab Jalandhar	7.8	BDL	290	1839	350000	170000	0.980	4.01	0.51	E	U
7	Hundiara drain before entering Pakistan	2907	22/11/19	SW 771	Z.O. Lab Jalandhar	7.4	BDL	85	1080	210000	170000	0.360	1.88	0.69	E	U
8	Pathlawaa Drain	2911	Sample was not collected													
9	Ranjit Sagar Reservoir	2912	14/11/19	SW 746	Z.O. Lab Jalandhar	7.6	7.7	BDL (<1.0)	174	79	33	0.008	0.13	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	7/11/19	SW 1252	H.O. Lab Patiala	7.5	BDL	28	883	54000	17000	0.28	2.14	0.77	E	U
11	Sagar Para Drain at village sagra dist.Patiala	4158	14/11/19	SW 1289	H.O. Lab Patiala	7.2	BDL	45	865	43000	7900	0.06	1.78	0.69	E	U
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	7/11/19	SW 1258	H.O. Lab Patiala	7.2	BDL	41	900	210,000	84000	0.24	2.73	0.81	E	U
13	Confluence point of Sarsa Nadi with river Sutlej	4161	5/11/19	SW 981	Z.O. Lab, Ludhiana	8.2	8.8	<1	312	2200	700	BDL	0.41	0.13	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, 2019

Drains

S.N .	Point of Sample Collection	Code	Date of receipt in lab	Lab Sampl e 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.Alk n 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	6/11/19	SW 1234	H.O. Lab Patiala	413	195	312	3070	2610	711	247	1195	343	82	1212	BDL	8.4	3.52	11.8	7.7	1.04	628	189
2	Tallewal Drain along with Lohgarh –Jalwana Link road near Shri Krishna rice mill Punjab	2909	6/11/19	SW 1235	H.O. Lab Patiala	121	70	114	808	687	98	34	383	102	31	287	BDL	21.2	1.12	29.7	2.2	0.75	148	163
3	Point Source B/N	2914	6/11/19	SW 990	Z.O. Lab, Ludhiana	680	210	448	978	831	270	28	346	84	33.0	560	BDL	25.3	8.22	33.9	4.3	0.79	95	22.1
4	Kali Bein into Beas	2913	26/11/19	SW 782	Z.O. Lab Jalandhar	16	39	16	200	152	27	18	117	32	9	134	BDL	1.0	0.7	1.8	0.16	0.14	15	5.1
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	22/11/19	SW 770	Z.O. Lab Jalandhar	680	380	132	1275	985	225	80	586	179	33	676	BDL	52	2.6	86	0.8	0.64	223	28
7	Hundiara drain before entering Pakistan	2907	22/11/19	SW 771	Z.O. Lab Jalandhar	290	180	84	795	590	118	82	425	92	47	375	BDL	24	2.8	38	0.6	0.38	89	29
8	Pathlawaa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	14/11/19	SW 746	Z.O. Lab Jalandhar	6	4	BDL	112	96	6	6	80	19	8	87	BDL	BDL	BDL	BDL	BDL	BDL	2.6	1.4
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	7/11/19	SW 1252	H.O. Lab Patiala	113	40	112	574	488	82	21	307	80	26	322	BDL	14.1	1.00	19.7	3.5	0.65	86	29
11	Sagar Para Drain at village sagra dist.Patiala	4158	14/11/19	SW 1289	H.O. Lab Patiala	181	20	61	562	478	89	17	364	98	29	278	BDL	5.9	0.83	8.3	4.0	0.59	78	29
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	7/11/19	SW 1258	H.O. Lab Patiala	165	70	213	585	497	84	19	318	81	28	273	BDL	24.0	1.91	33.6	5.8	0.34	112	30
13	Confluence point of Sarsa Nadi with river Sutlej	4161	5/11/19	SW 981	Z.O. Lab, Ludhiana	<5	7	12	203	182	29	12	160	41.6	13.6	114	BDL	BDL	10.3	BDL	BDL	0.36	11.9	2.4

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