

## Analysis results of Surface water monitoring under NWMP for the month of May, 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 $\mu$ 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	13/5/19	SW 621	ZO Lab Ldh	7.34	9.0	<1	202	110	37	BDL	0.24	0.21	B	S
2	River Satluj at D/S NFL	1380	13/5/19	SW 622	ZO Lab Ldh	7.51	8.6	<1	214	170	79	0.036	0.31	0.20	B	S
3	River Sutej at 100m D/s PACL Nangal	2915	13/5/19	SW 623	ZO Lab Ldh	7.46	8.4	<1	147	170	70	0.022	0.38	0.20	B	S
4	River Satluj at D/s Nangal	1018	13/5/19	SW 624	ZO Lab Ldh	7.81	8.2	<1	244	210	94	0.035	0.28	0.19	B	S
5	River Satluj at Kiratpur Sahib	1814	15/5/19	SW 636	ZO Lab Ldh	7.23	7.4	<1	238	400	170	0.012	0.24	0.18	B	S
6	Ropar Head-Works	1019	15/5/19	SW 639	ZO Lab Ldh	7.64	7.9	<1	262	1,100	400	0.030	0.35	0.17	C	S
7	River Satluj D/S of Rishab-Paper Mills	1293	15/5/19	SW 640	ZO Lab Ldh	7.39	7.6	<1	282	1,200	450	0.021	0.31	0.20	C	S
8	River Satluj U/S Buddha Nallah	1690	14/5/19	SW 630	ZO Lab Ldh	7.63	7.4	1.2	308	1,100	400	0.045	0.42	0.18	C	S
9	River Satluj at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	14/5/19	SW 632	ZO Lab Ldh	7.28	4.2	18	768	12,00,000	4,50,000	0.140	1.48	0.19	D	U
10	River Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	17/5/19	SW 660	ZO Lab Ldh	7.52	5.4	5	592	94,000	43,000	0.070	0.75	0.20	D	U
11	River Satluj at D/s East Bein	1381	21/5/19	SW 674	ZO Lab Jal.	7.61	6.0	3.8	340	17,000	7,800	0.065	0.52	0.21	D	U
12	River Satluj at Harike	1022	21/5/19	SW 673	ZO Lab Ldh	7.39	6.4	2.6	322	7,000	2,100	0.027	0.18	0.18	D	U
13	Harike Lake D/S from canal	1382	3/5/19	SW 394	ZO Lab Jal.	7.6	7.5	1.4	280	1700	700	0.030	0.23	BDL	C	S
14	D/S Harike lake	1297	3/5/19	SW 395	ZO Lab Jal.	7.2	7.6	1.5	292	2200	1100	0.010	0.21	BDL	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	17/5/19	SW 658	ZO Lab Ldh	6.99	8.2	<1	236	1,100	200	BDL	0.60	0.09	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	17/5/19	SW 659	ZO Lab Ldh	7.36	7.6	<1	270	1,200	200	0.018	0.63	0.09	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	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	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	River Satluj at U/S Nangal	1017	13/5/19	SW 621	ZO Lab Ldh	<5	5.6	7	124	109	14	10	90	21.6	8.8	80	BDL	BDL	0.87	BDL	0.08	0.23	5.2	2.7
2	River Satluj at D/S NFL	1380	13/5/19	SW 622	ZO Lab Ldh	<5	7.2	10	140	122	16	13	98	24.8	8.8	88	BDL	1.8	1.43	2.8	0.19	0.25	7.1	3.0
3	River Sutej at 100m D/s PACL Nangal	2915	13/5/19	SW 623	ZO Lab Ldh	<5	8.4	9	147	130	19	11	112	28	10.3	92	BDL	1.1	1.28	2.4	0.14	0.25	9.2	3.9
4	River Satluj at D/s Nangal	1018	13/5/19	SW 624	ZO Lab Ldh	<5	12.0	13	156	140	18	14	126	32	11.3	96	BDL	1.0	1.19	2.2	0.19	0.21	7.3	2.6
5	River Satluj at Kiratpur Sahib	1814	15/5/19	SW 636	ZO Lab Ldh	<5	7.0	10	142	128	16	12	100	24.8	9.2	82	BDL	1.1	0.71	2.4	0.18	0.21	5.4	2.4
6	Ropar Head-Works	1019	15/5/19	SW 639	ZO Lab Ldh	<5	7.2	12	174	152	21	16	106	25.6	10.3	104	BDL	1.2	0.81	3.2	0.46	0.55	8.2	2.1
7	River Satluj D/S of Rishab- Paper Mills	1293	15/5/19	SW 640	ZO Lab Ldh	8	10	15	177	159	20	15	118	28.8	11.2	112	BDL	1.4	1.03	3.0	0.20	0.21	7.7	2.3
8	River Satluj U/S Buddha Nallah	1690	14/5/19	SW 630	ZO Lab Ldh	12	12.4	18	192	177	26	20	132	33.6	11.7	110	BDL	1.8	1.22	3.4	0.26	0.23	11	3.0
9	River Satluj at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	14/5/19	SW 632	ZO Lab Ldh	96	44	49	449	404	84	50	208	49.6	20.2	218	BDL	14	2.47	22	1.8	0.26	49	8.1
10	River Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	17/5/19	SW 660	ZO Lab Ldh	27	24	22	228	210	38	26	144	22.4	10.20	140	BDL	3.5	1.93	5.2	0.50	0.23	17	2.7
11	River Satluj at D/s East Bein	1381	21/5/19	SW 674	ZO Lab Jal.	22	76	24	222	176	29	25	150	33	16	145	BDL	2.6	2.53	3.2	0.36	0.23	14.6	3.7
12	River Satluj at Harike	1022	21/5/19	SW 673	ZO Lab Ldh	18	55	16	208	185	26	21	146	35.2	14.2	140	BDL	1.8	1.26	2.6	0.29	0.22	5.0	3.6
13	Harike Lake D/S from canal	1382	3/5/19	SW 394	ZO Lab Jal.	14	49	30	190	148	18	14	144	39	11	132	BDL	1.2	1.0	2.2	0.13	0.14	6.4	2.7
14	D/S Harike lake	1297	3/5/19	SW 395	ZO Lab Jal.	16	40	22	196	136	18	20	132	33	12	135	BDL	1.0	0.8	1.6	0.15	0.12	5.6	2.7
15	U/S Hussainiwala H/W Ferozepur	1691	17/5/19	SW 658	ZO Lab Ldh	<5	14	10	148	132	12	8	98	15.2	6.2	110	BDL	1.1	1.03	1.6	0.30	0.20	11	2.2
16	D/S Hussainiwala H/W Ferozepur	1692	17/5/19	SW 659	ZO Lab Ldh	<5	16	12	154	142	14	8	110	13.6	5.8	114	BDL	1.2	0.63	1.8	0.20	0.21	11	2.3

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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	1/5/19	SW 386	ZO Lab Jal.	7.7	8.1	BDL	230	79	33	BDL	0.37	BDL	B	S
18	River Beas at U/S Pathankot	1694	1/5/19	SW 388	ZO Lab Jal.	7.6	8.1	1.0	267	170	140	0.013	0.38	BDL	B	S
19	River Beas at D/S Pathankot	1695	1/5/19	SW 389	ZO Lab Jal.	7.7	7.9	1.4	288	630	330	0.015	0.10	BDL	C	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	1/5/19	SW 387	ZO Lab Jal.	7.8	8.2	BDL	273	110	46	BDL	0.37	BDL	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	1/5/19	SW 390	ZO Lab Jal.	7.5	8.1	1.8	298	840	460	0.012	0.17	BDL	C	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	6/5/19	SW 402	ZO Lab Jal.	7.2	7.7	1.6	267	350	220	0.005	0.28	BDL	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	6/5/19	SW 403	ZO Lab Jal.	7.5	8.1	1.4	266	330	170	0.014	0.21	BDL	B	S
24	River Beas at U/s Goindwal	1696	3/5/19	SW 391	ZO Lab Jal.	7.4	8.3	1.4	272	310	170	0.009	0.23	BDL	B	S
25	River Beas at D/s Goindwal	1012	3/5/19	SW 392	ZO Lab Jal.	7.5	8.4	1.4	280	330	170	0.012	0.23	BDL	B	S
26	Beas at Harike	1697	3/5/19	SW 393	ZO Lab Jal.	7.2	8.5	1.2	256	280	140	0.007	0.21	BDL	B	S

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17	River Beas at Talwara H/W	1693	1/5/19	SW 386	ZO Lab Jal.	6	10.2	BDL	154	126	8	8	86	23	7	110	BDL	BDL	BDL	BDL	BDL	BDL	7.9	2.5
18	River Beas at U/S Pathankot	1694	1/5/19	SW 388	ZO Lab Jal.	10	22	14	180	151	8	12	120	31	10	118	BDL	0.5	0.3	1.0	0.07	0.10	9.5	2.9
19	River Beas at D/S Pathankot	1695	1/5/19	SW 389	ZO Lab Jal.	12	40	18	190	164	10	14	132	33	12	132	BDL	0.5	0.4	1.2	0.12	0.12	2.7	2.2
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	1/5/19	SW 387	ZO Lab Jal.	08	43	18	168	146	8	10	118	29	11	113	BDL	BDL	0.3	BDL	0.08	0.10	9.3	2.8
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	1/5/19	SW 390	ZO Lab Jal.	18	54	18	188	154	12	16	144	39	11	139	BDL	0.6	0.5	1.2	0.12	0.12	4.6	2.3
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	6/5/19	SW 402	ZO Lab Jal.	14	46	20	184	144	14	16	137	33	13	136	BDL	0.5	0.6	1.0	0.11	0.14	7.5	3.2
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	6/5/19	SW 403	ZO Lab Jal.	16	60	24	176	134	18	20	122	31	11	125	BDL	0.7	0.6	1.4	0.13	0.13	5.4	2.3
24	River Beas at U/s Goindwal	1696	3/5/19	SW 391	ZO Lab Jal.	14	48	30	170	125	14	12	118	31	10	118	BDL	0.6	0.7	1.2	0.11	0.12	5.7	2.4
25	River Beas at D/s Goindwal	1012	3/5/19	SW 392	ZO Lab Jal.	14	56	32	168	113	14	10	119	32	10	112	BDL	0.6	0.6	1.0	0.12	0.12	5.7	2.3
26	Beas at Harike	1697	3/5/19	SW 393	ZO Lab Jal.	12	38	28	172	138	12	12	114	33	12	137	BDL	0.7	0.8	1.2	0.10	0.10	5.6	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 $\mu$ 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	1/5/19	SW 385	ZO Lab Jal.	7.7	8.3	BDL	202	84	46	BDL	0.13	BDL	B	S

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27	Ravi at U/s of Madhopur H/W	1097	1/5/19	SW 385	ZO Lab Jal.	6	4.2	BDL	120	107	8	8	82	20	8	71	BDL	BDL	BDL	BDL	BDL	BDL	2.8	2.3

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

#### 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	1/5/19	SW 180	H/o Lab Patiala	7.6	5.3	13	507	24000	3400	0.23	0.85	0.09	D	U
2	Ghaggar at Bhankarpur	1295	1/5/19	SW 181	H/o Lab Patiala	7.7	3.3	18	782	35000	6300	0.34	1.00	0.08	E	U
3	Ghaggar at Chattbir	1698	1/5/19	SW 182	H/o Lab Patiala	7.5	2.9	19	762	28000	5800	0.22	1.15	0.10	E	U
4	Ghaggar at U/s Jharmal Nadi	1702	1/5/19	SW 183	H/o Lab Patiala	7.7	4.1	12	980	17000	2100	0.24	1.67	0.26	D	U
5	Ghaggar at D/s Jharmal Nadi	1701	1/5/19	SW 184	H/o Lab Patiala	7.6	3.0	22	1240	28000	3400	0.233	2.01	0.21	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	1/5/19	SW 186	H/o Lab Patiala	7.6	4.3	12	897	21000	3200	0.25	1.41	0.12	D	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	1/5/19	SW 187	H/o Lab Patiala	7.5	3.2	17	972	28000	6300	0.22	1.74	0.15	E	U
8	Ghaggar at Rattanheri	1473	2/5/19	SW 194	H/o Lab Patiala	7.6	3.8	15	1120	21000	2100	0.24	2.45	0.17	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	2/5/19	SW 195	H/o Lab Patiala	7.5	4.1	13	1130	21000	1700	0.21	2.18	0.21	D	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	2/5/19	SW 197	H/o Lab Patiala	7.6	2.9	30	1210	28000	3900	0.26	2.12	0.21	E	U
11	Ghaggar at Khanauri	1024	2/5/19	SW 199	H/o Lab Patiala	7.6	3.2	23	1200	21000	2200	0.31	2.70	0.18	E	U
12	Ghaggar at Moonak	1703	2/5/19	SW 201	H/o Lab Patiala	7.7	2.3	30	1245	28000	4000	0.36	2.06	0.23	E	U
13	Ghaggar at U/s Sardulgarh	1705	8/5/19	SW 203	H/o Lab Patiala	7.8	3.5	9	960	15000	1700	0.34	2.54	0.20	E	U
14	Ghaggar at D/s Sardulgarh	1704	8/5/19	SW 204	H/o Lab Patiala	7.7	2.9	13	990	22000	2100	0.32	2.53	0.16	E	U

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1	Ghaggar at Mubarikpur Rest House	1023	1/5/19	SW 180	H/o Lab Patiala	63	360	598	305	260	43	12	176	52	11	221	BDL	9.2	2.24	12.9	0.35	0.39	26	6
2	Ghaggar at Bhankarpur	1295	1/5/19	SW 181	H/o Lab Patiala	92	265	492	470	400	71	17	247	74	15	350	BDL	11.3	0.96	15.8	0.60	0.44	36	13
3	Ghaggar at Chattbir	1698	1/5/19	SW 182	H/o Lab Patiala	95	220	494	458	389	56	19	229	75	10	362	BDL	10.8	0.83	15.1	0.62	0.38	40	10
4	Ghaggar at U/s Jharmal Nadi	1702	1/5/19	SW 183	H/o Lab Patiala	60	210	368	588	500	94	28	263	82	14	387	BDL	8.0	0.65	11.2	0.60	0.23	62	18
5	Ghaggar at D/s Jharmal Nadi	1701	1/5/19	SW 184	H/o Lab Patiala	110	250	482	744	633	168	44	332	93	24	418	BDL	9.3	1.00	13.0	1.11	0.69	84	35
6	Ghaggar at U/s Dhakanshu Nallah	1699	1/5/19	SW 186	H/o Lab Patiala	58	40	96	504	432	64	18	256	76	16	360	BDL	10.0	0.78	14.0	0.55	0.49	52	20
7	Ghaggar at D/s Dhakanshu Nallah	1700	1/5/19	SW 187	H/o Lab Patiala	86	45	102	584	497	80	22	316	90	22	401	BDL	11.2	1.23	15.7	1.46	0.71	71	29
8	Ghaggar at Rattanheri	1473	2/5/19	SW 194	H/o Lab Patiala	72	50	108	672	572	130	37	285	89	15	395	BDL	9.7	0.78	13.6	1.13	0.40	95	32
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	2/5/19	SW 195	H/o Lab Patiala	65	30	89	678	577	110	18	290	91	15	476	BDL	10.6	0.90	14.8	1.39	0.36	85	30
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	2/5/19	SW 197	H/o Lab Patiala	152	35	94	756	617	115	25	374	110	24	502	BDL	10.3	0.79	14.4	1.62	0.53	94	28
11	Ghaggar at Khanauri	1024	2/5/19	SW 199	H/o Lab Patiala	112	40	68	720	612	72	38	291	90	16	518	BDL	12.5	0.85	17.5	1.64	0.37	106	26
12	Ghaggar at Moonak	1703	2/5/19	SW 201	H/o Lab Patiala	142	50	73	747	635	84	39	378	110	25	535	BDL	11.9	0.97	16.7	1.85	0.48	92	30
13	Ghaggar at U/s Sardulgarh	1705	8/5/19	SW 203	H/o Lab Patiala	45	40	76	556	490	76	19	227	71	12	368	BDL	9.6	0.52	13.4	1.20	0.24	88	21
14	Ghaggar at D/s Sardulgarh	1704	8/5/19	SW 204	H/o Lab Patiala	65	45	82	594	505	85	24	267	82	15	382	BDL	10.5	0.71	14.7	1.64	0.33	95	27

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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 us/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	15/5/19	SW 245	H.O. Lab Patiala	7.3	BDL	122	4070	350000	220000	0.074	7.95	0.47	E	U
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	15/5/19	SW 246	H.O. Lab Patiala	8.0	BDL	28	1496	35000	11000	0.98	2.26	0.29	E	U
3	Point Source B/N	2914	14/5/19	SW 631	Z.O. Lab, Ludhiana	6.96	BDL	240	1642	38,00,000	17,00,000	BDL	5.51	0.33	E	U
4	Kali Bein into Beas	2913	7/5/19	SW 414	Z.O. Lab Jalandhar	7.6	6.0	4.0	478	2800	1700	0.025	1.12	BDL	D	U
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	10/5/19	SW 415	Z.O. Lab Jalandhar	7.0	BDL	158	2370	170000	110000	BDL	4.20	0.25	E	U
7	Hundiara drain before entering Pakistan	2907	10/5/19	SW 416	Z.O. Lab Jalandhar	7.4	BDL	58	1623	140000	79000	0.57	3.04	0.21	E	U
8	Pathlawa Drain	2911	Sample was not collected													
9	Ranjit Sagar Reservoir	2912	1/5/19	SW 384	Z.O. Lab Jalandhar	7.9	7.9	BDL	220	79	33	BDL	0.14	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	1/5/19	SW 185	H.O. Lab Patiala	8.0	BDL	23	1117	28000	4600	0.35	2.35	0.14	E	U
11	Sagar Para Drain at village sagra dist.Patiala	4158	2/5/19	SW 188	H.O. Lab Patiala	7.5	BDL	98	1520	35000	9400	0.22	2.39	0.24	E	U
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	1/5/19	SW 189	H.O. Lab Patiala	7.3	BDL	53	920	21000	11000	0.17	1.36	0.08	E	U
13	Confluence point of Sarsa Nadi with river Satluj	4161	15/5/19	SW 638	ZO Lab Ldh	7.73	7.3	<1	270	700	210	0.030	0.77	0.18	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 May, 2019

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	15/5/19	SW 245	H.O. Lab Patiala	487	100	268	2442	2076	868	152	628	192	36	894	BDL	7.4	1.19	10.4	2.46	0.43	458	128
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	15/5/19	SW 246	H.O. Lab Patiala	129	40	118	898	764	190	45	387	112	26	425	BDL	19.6	0.62	27.4	3.36	0.36	102	124
3	Point Source B/N	2914	14/5/19	SW 631	Z.O. Lab, Ludhiana	640	122	245	1051	990	160	98	320	77.6	30.2	604	BDL	20	4.25	32	3.0	0.50	226	29
4	Kali Bein into Beas	2913	7/5/19	SW 414	Z.O. Lab Jalandhar	26	39	18	335	275	20	18	146	38	12	191	BDL	1.0	1.0	1.8	0.14	0.16	31	6.8
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	10/5/19	SW 415	Z.O. Lab Jalandhar	380	480	184	1612	1322	264	116	768	180	77	684	BDL	54	4.0	88	3.8	0.42	267	32
7	Hundiara drain before entering Pakistan	2907	10/5/19	SW 416	Z.O. Lab Jalandhar	220	380	138	1039	852	182	94	490	121	46	453	BDL	38	2.6	60	3.0	0.32	155	33
8	Pathlawa Drain	2911	Sample was not collected																					
9	Ranjit Sagar Reservoir	2912	1/5/19	SW 384	Z.O. Lab Jalandhar	BDL	2.4	BDL	125	106	6	6	77	23	5	85	BDL	BDL	BDL	BDL	BDL	BDL	2.9	2.4
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	1/5/19	SW 185	H.O. Lab Patiala	103	50	184	671	570	80	20	254	85	10	547	BDL	7.0	0.58	9.8	1.53	0.26	86	19
11	Sagar Para Drain at village sagra dist.Patiala	4158	2/5/19	SW 188	H.O. Lab Patiala	389	70	142	912	775	135	25	417	124	26	682	BDL	10.9	1.00	15.3	1.87	1.04	112	32
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	1/5/19	SW 189	H.O. Lab Patiala	274	60	182	552	469	65	25	393	78	48	362	BDL	16.9	1.12	23.7	0.51	0.13	62	21
13	Confluence point of Sarsa Nadi with river Satluj	4161	15/5/19	SW 638	ZO Lab Ldh	<5	14.6	18	169	147	28	18	148	18.4	6.4	108	BDL	1.0	0.92	2.8	0.44	0.22	15	2.6

- 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**