

Analysis results of Surface water monitoring under NWMP for the month of September, 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 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	04.09.20	SW 1564	ZO Lab Ldh	7.7	8.4	<1	192	110	45	BDL	0.08	BDL	B	S
2	River Satluj at D/S NFL	1380	04.09.20	SW 1565	ZO Lab Ldh	8.0	9.2	<1	209	140	61	BDL	0.09	BDL	B	S
3	River Sutej at 100m D/s PACL Nangal	2915	04.09.20	SW 1566	ZO Lab Ldh	8.3	9.2	<1	213	170	61	BDL	0.13	BDL	B	S
4	River Satluj at D/s Nangal	1018	04.09.20	SW 1567	ZO Lab Ldh	8.0	9.3	<1	258	200	60	BDL	0.11	BDL	B	S
5	River Satluj at Kiratpur Sahib	1814	07.09.20	SW 1584	ZO Lab Ldh	7.8	8.8	<1	194	470	140	BDL	0.09	0.15	B	S
6	Ropar Head-Works	1019	07.09.20	SW 1587	ZO Lab Ldh	7.6	8.4	<1	223	920	400	BDL	0.14	0.11	C	S
7	River Satluj D/S of Rishab-Paper Mills	1293	07.09.20	SW 1588	ZO Lab Ldh	7.6	7.8	<1	228	1000	400	BDL	0.13	0.33	C	S
8	River Satluj U/S Buddha Nallah	1690	08.09.20	SW 1593	ZO Lab Ldh	7.5	6.9	1.2	244	3200	1700	0.028	0.16	0.12	C	S
9	River Satluj at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	08.09.20	SW 1595	ZO Lab Ldh	6.8	3.0	7.2	420	11,00,000	7,90,000	BDL	0.55	0.34	E	N
10	River Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	10.09.20	SW 1599	ZO Lab Ldh	7.2	4.3	2.0	328	2,70,000	1,40,000	0.022	0.34	0.21	D	N
11	River Satluj at D/s East Bein	1381	10.09.20	SW 1600	ZO Lab Jal.	6.9	4.1	2.4	454	1,10,000	33,000	BDL	0.51	0.25	D	N
12	River Satluj at Harike	1022	10.09.20	SW 1601	ZO Lab Ldh	7.0	5.1	1.2	274	5800	1300	BDL	0.29	0.31	D	N
13	Harike Lake D/S from canal	1382	09/09/2020	SW 521	ZO Lab Jal.	8.2	7.0	1.2	282	1200	380	0.064	0.57	0.15	C	S
14	D/S Harike lake	1297	09/09/2020	SW 522	ZO Lab Jal.	8.1	7.0	1.1	242	790	270	0.046	0.45	0.23	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	14.09.20	SW 1605	ZO Lab Ldh	7.5	6.8	<1	251	1100	210	0.024	0.24	0.15	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	14.09.20	SW 1606	ZO Lab Ldh	7.6	6.6	<1	250	940	110	0.03	0.25	0.28	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	04.09.20	SW 1564	ZO Lab Ldh	<5	2	BDL	104	92	8	9	84	20.8	7.8	66	BDL	BDL	1.1	BDL	BDL	0.17	1.7	1.0
2	River Satluj at D/S NFL	1380	04.09.20	SW 1565	ZO Lab Ldh	<5	3	BDL	117	105	11	12	96	24.8	8.3	70	BDL	BDL	1.1	BDL	BDL	0.18	2.0	1.2
3	River Sutej at 100m D/s PACL Nangal	2915	04.09.20	SW 1566	ZO Lab Ldh	<5	3	BDL	116	103	10	10	94	24	8.3	74	BDL	BDL	1.2	BDL	BDL	0.18	2.9	1.3
4	River Satluj at D/s Nangal	1018	04.09.20	SW 1567	ZO Lab Ldh	<5	5	BDL	135	118	10	9	120	28.8	11.7	102	BDL	BDL	1.3	BDL	BDL	0.21	2.8	1.6
5	River Satluj at Kiratpur Sahib	1814	07.09.20	SW 1584	ZO Lab Ldh	<5	24	17	109	95	10	12	90	21.6	8.7	64	BDL	BDL	1.2	BDL	BDL	0.21	2.0	1.1
6	Ropar Head-Works	1019	07.09.20	SW 1587	ZO Lab Ldh	<5	55	68	132	115	14	16	104	25.6	9.7	84	BDL	BDL	1.2	BDL	BDL	0.20	3.4	1.0
7	River Satluj D/S of Rishab- Paper Mills	1293	07.09.20	SW 1588	ZO Lab Ldh	<5	13	19	129	114	12	14	106	26.4	9.7	86	BDL	BDL	1.3	BDL	BDL	0.17	3.0	1.4
8	River Satluj U/S Buddha Nallah	1690	08.09.20	SW 1593	ZO Lab Ldh	7	45	86	135	115	12	15	110	27.2	10.2	84	BDL	1.4	1.3	1.6	0.09	0.25	3.8	1.5
9	River Satluj at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	08.09.20	SW 1595	ZO Lab Ldh	38	55	74	241	195	40	23	134	32	13.1	124	BDL	6.6	1.5	8.3	0.27	0.31	14.7	4.1
10	River Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	10.09.20	SW 1599	ZO Lab Ldh	17	28	51	183	145	24	19	124	30.4	11.7	100	BDL	2.2	1.3	2.8	0.16	0.24	8.7	2.8
11	River Satluj at D/s East Bein	1381	10.09.20	SW 1600	ZO Lab Ldh	21	42	73	243	193	33	24	144	32.8	15.1	134	BDL	2.6	1.2	3.0	0.81	0.26	14.2	6.8
12	River Satluj at Harike	1022	10.09.20	SW 1601	ZO Lab Ldh	12	70	112	159	134	17	16	110	28	9.7	112	BDL	1.6	1.1	2.0	0.15	0.20	6.9	2.2
13	Harike Lake D/S from canal	1382	09/09/2020	SW 521	ZO Lab Jal.	12	48	15	172	143	16	13	116	34	7	116	BDL	0.8	0.7	1.6	0.09	0.16	14	3.1
14	D/S Harike lake	1297	09/09/2020	SW 522	ZO Lab Jal.	12	36	17	158	134	16	14	113	33	8	110	BDL	0.7	0.8	1.5	0.08	0.15	11	3.0
15	U/S Hussainiwala H/W Ferozepur	1691	14.09.20	SW 1605	ZO Lab Ldh	<5	7	12	143	122	13	10	98	24	9.2	102	BDL	1.2	1.3	1.4	0.10	0.19	5.5	2.8
16	D/S Hussainiwala H/W Ferozepur	1692	14.09.20	SW 1606	ZO Lab Ldh	<5	8	11	146	123	14	11	96	23.2	9.2	102	BDL	1.2	1.2	1.4	0.11	0.19	5.6	2.7

- Note. 1. BDL means Below Method Detection Limit
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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	10/09/2020	SW 526	ZO Lab Jal.	7.5	6.9	1.0	160	100	40	0.010	0.43	BDL	B	S
18	River Beas at U/S Pathankot	1694	10/09/2020	SW 528	ZO Lab Jal.	7.5	7.5	1.0	253	250	45	0.014	0.69	0.18	B	S
19	River Beas at D/S Pathankot	1695	10/09/2020	SW 529	ZO Lab Jal.	7.6	7.4	BDL <1	268	200	78	0.015	0.49	0.22	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	10/09/2020	SW 527	ZO Lab Jal.	7.5	7.6	1.1	245	260	78	0.012	0.74	0.10	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	08/09/2020	SW 507	ZO Lab Jal.	8.0	7.0	1.2	274	460	140	0.040	0.65	0.30	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	08/09/2020	SW 508	ZO Lab Jal.	8.1	7.1	BDL <1	235	430	210	0.046	0.49	0.19	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	09/09/2020	SW 517	ZO Lab Jal.	7.9	7.0	1.1	238	610	360	0.036	0.49	0.15	C	S
24	River Beas at U/s Goindwal	1696	09/09/2020	SW 518	ZO Lab Jal.	8.1	7.3	BDL <1	210	450	200	0.046	0.47	0.11	B	S
25	River Beas at D/s Goindwal	1012	09/09/2020	SW 519	ZO Lab Jal.	8.1	7.1	1.0	212	490	170	0.046	0.42	0.25	B	S
26	Beas at Harike	1697	09/09/2020	SW 520	ZO Lab Jal.	8.2	7.3	1.0	228	460	170	0.064	0.37	0.17	B	S

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17	River Beas at Talwara H/W	1693	10/09/2020	SW 526	ZO Lab Jal.	10	9	BDL	116	92	10	8	80	25	4	82	BDL	0.5	0.4	1.1	BDL	0.16	8.7	2.5
18	River Beas at U/S Pathankot	1694	10/09/2020	SW 528	ZO Lab Jal.	11	14	10	165	132	12	12	101	32	5	137	BDL	0.7	0.6	1.4	0.05	0.12	16	3.3
19	River Beas at D/S Pathankot	1695	10/09/2020	SW 529	ZO Lab Jal.	10	18	11	158	128	14	12	113	34	7	116	BDL	0.6	0.5	1.3	0.05	0.14	12	2.8
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	10/09/2020	SW 527	ZO Lab Jal.	11	11	BDL	148	120	12	10	77	21	6	129	BDL	0.6	0.6	1.2	0.06	0.13	15	3.3
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	08/09/2020	SW 507	ZO Lab Jal.	10	32	17	162	130	16	14	114	34	7	110	BDL	0.8	0.7	1.4	0.07	0.14	16	3.8
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	08/09/2020	SW 508	ZO Lab Jal.	11	36	16	142	120	14	10	112	35	6	98	BDL	0.7	0.7	1.3	0.09	0.13	12	3.3
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	09/09/2020	SW 517	ZO Lab Jal.	10	34	14	146	118	13	12	111	33	7	106	BDL	0.8	0.6	1.4	0.06	0.15	12	3.0
24	River Beas at U/s Goindwal	1696	09/09/2020	SW 518	ZO Lab Jal.	9	37	15	128	106	11	8	104	32	6	92	BDL	0.7	0.5	1.3	0.05	0.13	11	2.9
25	River Beas at D/s Goindwal	1012	09/09/2020	SW 519	ZO Lab Jal.	9	41	16	130	108	12	6	111	34	6	88	BDL	0.7	0.5	1.2	0.05	0.14	10	2.9
26	Beas at Harike	1697	09/09/2020	SW 520	ZO Lab Jal.	10	39	18	134	114	12	10	113	34	7	82	BDL	0.8	0.6	1.5	0.07	0.17	9.2	2.6

Note. 1. BDL means Below Method Detection Limit

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Analysis results of Surface water monitoring under NWMP for the month of September, 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 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	10/09/2020	SW 525	ZO Lab Jal.	7.4	7.9	BDL <1	146	61	18	0.009	0.12	BDL	B	S

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27	Ravi at U/s of Madhopur H/W	1097	10/09/2020	SW 525	ZO Lab Jal.	6	12	BDL	105	80	10	6	77	24	4	84	BDL	0.6	0.5	1.3	BDL	0.10	2.5	2.8

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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	Quality of water as per DBDU	Water Quality Index
1	Ghaggar at Mubarikpur Rest House	1023	4/9/20	SW 2943	H/o Lab Patiala	7.7	4.4	13	579	21000	3100	0.35	1.83	0.51	D	U
2	Ghaggar at Bhankarpur	1295	4/9/20	SW 2944	H/o Lab Patiala	7.1	3.2	24	794	28000	4600	0.001	2.19	0.62	E	U
3	Ghaggar at Chattbir	1698	4/9/20	SW 2945	H/o Lab Patiala	7.0	2.5	15	723	28000	3800	BDL	2.19	0.59	E	U
4	Ghaggar at U/s Jharmal Nadi	1702	4/9/20	SW 2946	H/o Lab Patiala	7.2	3.7	18	746	24000	3400	0.097	2.16	0.49	E	U
5	Ghaggar at D/s Jharmal Nadi	1701	4/9/20	SW 2947	H/o Lab Patiala	7.2	3.1	22	992	28000	4900	0.121	2.54	0.57	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	4/9/20	SW 2949	H/o Lab Patiala	7.2	2.70	14	792	22000	3200	0.097	3.13	0.70	E	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	4/9/20	SW 2950	H/o Lab Patiala	7.2	2.3	17	864	28000	4000	0.110	3.21	0.78	E	U
8	Ghaggar at Rattanheri	1473	8/9/20	SW 2956	H/o Lab Patiala	7.2	3.2	25	866	28000	3900	0.150	2.29	0.64	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	8/9/20	SW 2957	H/o Lab Patiala	7.3	3.4	22	840	28000	3800	0.132	2.28	0.70	E	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	8/9/20	SW 2958	H/o Lab Patiala	7.3	3.2	27	952	28000	4000	0.120	2.55	0.73	E	U
11	Ghaggar at Khanauri	1024	8/9/20	SW 2961	H/o Lab Patiala	7.0	3.8	17	725	28000	4000	BDL	2.26	0.71	E	U
12	Ghaggar at Moonak	1703	8/9/20	SW 2963	H/o Lab Patiala	7.3	4.0	19	766	28000	4700	0.14	2.30	0.74	D	U
13	Ghaggar at U/s Sardulgarh	1705	8/9/20	SW 2964	H/o Lab Patiala	7.0	5.2	13	597	22000	2700	BDL	1.35	0.69	D	U
14	Ghaggar at D/s Sardulgarh	1704	8/9/20	SW 2965	H/o Lab Patiala	7.1	4.9	18	720	24000	3400	0.005	1.86	0.73	D	U

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1	Ghaggar at Mubarikpur Rest House	1023	4/9/20	SW 2943	H/o Lab Patiala	66	270	249	376	320	46	19	159	42	13	234	BDL	11.7	1.3	16.4	0.68	1.0	53	29
2	Ghaggar at Bhankarpur	1295	4/9/20	SW 2944	H/o Lab Patiala	122	250	234	516	439	77	36	293	71	28	247	BDL	14.3	1.2	20.0	2.12	1.2	86	34
3	Ghaggar at Chattbir	1698	4/9/20	SW 2945	H/o Lab Patiala	74	140	132	470	399	76	25	246	54	27	243	BDL	11.1	1.1	15.5	1.41	1.0	79	29
4	Ghaggar at U/s Jharmal Nadi	1702	4/9/20	SW 2946	H/o Lab Patiala	88	100	113	484	411	78	29	260	61	26	246	BDL	9.7	1.0	13.6	1.30	1.2	80	28
5	Ghaggar at D/s Jharmal Nadi	1701	4/9/20	SW 2947	H/o Lab Patiala	112	80	109	645	548	113	43	402	85	46	287	BDL	12.1	1.4	16.9	2.1	1.3	117	45
6	Ghaggar at U/s Dhakanshu Nallah	1699	4/9/20	SW 2949	H/o Lab Patiala	72	25	43	515	438	71	23	247	59	24	256	BDL	9.7	1.2	13.6	1.4	1.0	113	39
7	Ghaggar at D/s Dhakanshu Nallah	1700	4/9/20	SW 2950	H/o Lab Patiala	84	40	69	562	478	80	28	279	67	27	269	BDL	10.6	1.5	14.8	1.6	1.1	123	47
8	Ghaggar at Rattanheri	1473	8/9/20	SW 2956	H/o Lab Patiala	123	40	74	563	479	81	34	346	79	36	273	BDL	14.7	1.5	20.6	2.4	1.3	98	38
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	8/9/20	SW 2957	H/o Lab Patiala	111	50	79	546	464	79	31	321	74	33	270	BDL	13.2	1.4	18.5	2.2	1.2	94	39
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	8/9/20	SW 2958	H/o Lab Patiala	133	35	62	619	526	89	38	379	87	39	281	BDL	11.9	1.6	16.7	2.7	1.5	114	49
11	Ghaggar at Khanauri	1024	8/9/20	SW 2961	H/o Lab Patiala	84	45	58	471	400	61	24	255	59	26	263	BDL	13.1	1.2	18.3	1.7	1.1	83	27
12	Ghaggar at Moonak	1703	8/9/20	SW 2963	H/o Lab Patiala	94	55	77	498	423	65	27	277	63	29	269	BDL	14.0	1.2	19.3	1.7	1.2	88	31
13	Ghaggar at U/s Sardulgarh	1705	8/9/20	SW 2964	H/o Lab Patiala	67	40	46	388	330	53	18	193	46	19	246	BDL	9.1	1.0	12.7	1.1	1.0	43	29
14	Ghaggar at D/s Sardulgarh	1704	8/9/20	SW 2965	H/o Lab Patiala	90	50	57	468	398	69	25	252	58	26	258	BDL	9.9	1.1	13.9	1.3	1.1	68	34

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	11/9/20	SW 2983	H.O. Lab Patiala	7.0	BDL	217	5529	540000	220000	BDL	7.46	1.39	E	U
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	11/9/20	SW 2984	H.O. Lab Patiala	7.2	BDL	46	1412	94000	17000	0.023	3.27	1.10	E	U
3	Point Source B/N	2914	08.09.20	SW 1594	Z.O. Lab, Ludhiana	6.8	0	110	1600	21,00,000	11,00,000	BDL	2.04	0.40	E	N
4	Kali Bein into Beas	2913	08/09/2020	SW 516	Z.O. Lab Jalandhar	7.4	4.3	2.2	308	1400	630	0.014	1.16	0.36	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	21/09/2020	SW 549	Z.O. Lab Jalandhar	7.5	BDL	202	2060	280000	58000	0.360	7.45	0.41	E	U
7	Hundiara drain before entering Pakistan	2907	21/09/2020	SW 550	Z.O. Lab Jalandhar	7.4	BDL	72	1394	210000	31000	0.195	6.92	0.48	E	U
8	Pathlawa Drain	2911	Sample was not collected													
9	Ranjit Sagar Reservoir	2912	10/09/2020	SW 524	Z.O. Lab Jalandhar	7.5	8.1	BDL <1	155	83	18	0.012	0.33	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	4/9/20	SW 2948	H.O. Lab Patiala	7.5	2.2	34	954	110000	27000	0.16	2.59	0.94	E	U
11	Sagar Para Drain at village sagra dist.Patiala	4158	8/9/20	SW 2959	H.O. Lab Patiala	7.2	1.5	33	831	46000	6100	0.08	2.35	0.76	E	U
12	Confluence point of sukhana Choe with River Ghaggar, vill. Mubarkpur	4162	4/9/20	SW 2954	H.O. Lab Patiala	7.2	BDL	68	1000	350000	130000	0.23	2.54	1.06	E	U
13	Confluence point of Sarsa Nadi with river Satluj	4161	07.09.20	SW 1586	Z.O. Lab, Ludhiana	7.6	8.5	<1	357	780	200	BDL	0.34	0.16	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 September, 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 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	11/9/20	SW 2983	H.O. Lab Patiala	868	170	237	3594	3055	813	281	1786	347	223	1319	BDL	8.3	6.2	11.6	8.5	3.4	724	299
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	11/9/20	SW 2984	H.O. Lab Patiala	203	40	61	918	780	121	29	567	113	69	283	BDL	23.2	1.8	32.5	4.7	1.3	179	193
3	Point Source B/N	2914	08.09.20	SW 1594	Z.O. Lab, Ludhiana	342	180	314	953	725	256	52	310	73.6	30.6	494	BDL	32.6	2.7	46.2	4.07	0.75	82.7	25.4
4	Kali Bein into Beas	2913	08/09/2020	SW 516	Z.O. Lab Jalandhar	14	14	BDL	190	158	18	15	120	39	5	122	BDL	0.9	1.0	1.8	0.12	0.19	29	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	21/09/2020	SW 549	Z.O. Lab Jalandhar	468	240	87	1370	980	144	110	512	108	59	562	BDL	18	1.8	28	2.6	0.32	388	40
7	Hundiara drain before entering Pakistan	2907	21/09/2020	SW 550	Z.O. Lab Jalandhar	215	175	65	960	695	118	89	336	82	32	394	BDL	13	1.5	19	2.0	0.24	292	41
8	Pathlawa Drain	2911	Sample was not collected																					
9	Ranjit Sagar Reservoir	2912	10/09/2020	SW 524	Z.O. Lab Jalandhar	BDL	8	BDL	110	88	BDL	BDL	82	26	4	98	BDL	0.6	0.6	1.2	BDL	BDL	6.9	2.4
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	4/9/20	SW 2948	H.O. Lab Patiala	156	390	413	620	527	92	36	399	97	38	253	BDL	8.2	1.3	11.5	4.9	1.2	119	48
11	Sagar Para Drain at village sagra dist.Patiala	4158	8/9/20	SW 2959	H.O. Lab Patiala	156	20	34	540	459	78	24	323	83	28	259	BDL	8.4	1.1	11.8	2.4	1.2	97	37
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	4/9/20	SW 2954	H.O. Lab Patiala	282	50	89	650	553	77	26	488	116	48	282	BDL	22.8	2.0	31.9	4.2	1.1	129	46
13	Confluence point of Sarsa Nadi with river Satluj	4161	07.09.20	SW 1586	Z.O. Lab, Ludhiana	<5	110	164	188	158	23	26	132	31.2	13.1	122	BDL	BDL	1.3	BDL	BDL	0.21	9.1	2.2

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