

Analysis results of Surface water monitoring under NWMP for the month of November, 2022

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 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 River Sutlej at U/S Nangal	1017	04.11.2022	SW 397	ZO Lab Ldh	7.9	8.1	BDL	235	270	78	BDL	0.31	BDL	B	S
2	River River Sutlej at D/S NFL	1380	04.11.2022	SW 398	ZO Lab Ldh	8.4	8.7	BDL	246	330	100	BDL	0.30	BDL	B	S
3	River Sutlej at 100m D/s PACL Nangal	2915	04.11.2022	SW 399	ZO Lab Ldh	8.4	8.6	BDL	252	340	92	BDL	0.29	BDL	B	S
4	River River Sutlej at D/s Nangal	1018	04.11.2022	SW 400	ZO Lab Ldh	8.3	8.8	BDL	259	330	110	BDL	0.35	0.16	B	S
5	River River Sutlej at Kiratpur Sahib	1814	07.11.2022	SW 402	ZO Lab Ldh	8.4	9.8	BDL	321	700	170	BDL	0.33	0.17	C	S
6	Ropar Head-Works	1019	07.11.2022	SW 408	ZO Lab Ldh	8.4	8.8	BDL	326	1700	460	BDL	0.43	0.13	C	S
7	River River Sutlej D/S of Rishab- Paper Mills	1293	07.11.2022	SW 411	ZO Lab Ldh	8.1	8.6	BDL	364	2300	1300	0.052	0.29	0.35	C	S
8	River River Sutlej U/S Buddha Nallah	1690	09.11.2022	SW 431	ZO Lab Ldh	7.8	7.6	1.4	354	3900	1300	0.028	0.60	0.15	C	S
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	09.11.2022	SW 433	ZO Lab Ldh	7.4	BDL	140	988	58,00,000	23,00,000	0.105	1.94	0.40	E	U
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	11.11.2022	SW 435	ZO Lab Ldh	7.3	1.2	70	851	11,00,000	4,90,000	0.039	2.35	0.25	E	U
11	River River Sutlej at D/s East Bein	1381	11.11.2022	SW 436	ZO Lab Ldh	7.4	2.3	14	869	6,30,000	2,60,000	0.096	2.39	0.29	E	U
12	River Sutlej at Harike	1022	11.11.2022	SW 437	ZO Lab Ldh	7.6	6.4	2.4	660	4700	2100	0.050	0.82	0.34	C	S
13	Harike Lake D/S from canal	1382	17/11/2022	551	ZO Lab, Jal	8.2	8.6	1.2	215	790	270	0.11	0.49	0.24	C	S
14	D/S Harike lake	1297	17/11/2022	550	ZO Lab, Jal	8.2	9.0	1.3	212	700	260	0.10	0.50	0.26	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	14.11.2022	SW 439	ZO Lab Ldh	8.1	8.6	1.2	335	2100	680	0.058	0.80	0.15	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	14.11.2022	SW 440	ZO Lab Ldh	8.2	8.2	1.3	340	2600	810	0.080	0.85	0.30	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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1	River River Sutlej at U/S Nangal	1017	04.11.2022	SW 397	ZO Lab LDH	BDL	3	BDL	133	118	7	6	102	25.6	9.2	76	BDL	BDL	1.3	BDL	BDL	0.22	7.1	3.5
2	River River Sutlej at D/S NFL	1380	04.11.2022	SW 398	ZO Lab LDH	BDL	4	BDL	142	125	6	7	102	26.4	8.7	88	BDL	BDL	1.6	BDL	BDL	0.24	6.9	1.8
3	River Sutej at 100m D/s PACL Nangal	2915	04.11.2022	SW 399	ZO Lab LDH	BDL	3	BDL	144	126	5	7	112	28.8	9.7	84	BDL	BDL	1.5	BDL	BDL	0.23	7.1	3.5
4	River River Sutlej atD/s Nangal	1018	04.11.2022	SW 400	ZO Lab LDH	BDL	2	BDL	149	130	6	6	116	29.6	10.2	90	BDL	BDL	1.3	BDL	BDL	0.24	8.6	3.5
5	River River Sutlej at Kiratpur Sahib	1814	07.11.2022	SW 402	ZO Lab LDH	BDL	3	BDL	184	160	5	7	146	37.6	12.6	114	BDL	BDL	1.2	BDL	BDL	0.23	9.2	3.6
6	Ropar Head-Works	1019	07.11.2022	SW 408	ZO Lab LDH	BDL	6	BDL	185	159	7	7	138	35.2	12.2	114	BDL	BDL	1.3	BDL	BDL	0.24	11.7	5.1
7	River River Sutlej D/S of Rishab-Paper Mills	1293	07.11.2022	SW 411	ZO Lab LDH	BDL	26	50	212	182	8	10	152	40	12.6	136	BDL	0.8	1.4	BDL	BDL	0.24	8.1	3.5
8	River River Sutlej U/S Buddha Nallah	1690	09.11.2022	SW 431	ZO Lab LDH	10	15	12	210	182	11	8	150	38.4	13.1	112	BDL	0.8	1.7	1.6	0.29	0.26	17.0	6.5
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	09.11.2022	SW 433	ZO Lab LDH	470	160	302	613	474	134	46	290	79.2	22.4	290	BDL	7.0	2.9	9.8	3.21	0.46	76	30
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	11.11.2022	SW 435	ZO Lab LDH	234	140	272	546	423	107	42	266	68.8	22.8	226	BDL	3.9	2.4	5.1	2.88	0.37	88	23
11	River River Sutlej at D/s East Bein	1381	11.11.2022	SW 436	ZO Lab LDH	61	46	92	550	410	101	39	280	72	24.3	234	BDL	6.4	2.3	9.2	2.04	0.35	92	27
12	River River Sutlej at Harike	1022	11.11.2022	SW 437	ZO Lab LDH	18	78	144	407	328	142	40	220	57.6	18.5	136	BDL	2.5	2.2	3.5	1.20	0.31	28	7.1
13	Harike Lake D/S from canal	1382	17/11/2022	SW 551	ZO Lab, Jal	7	187	170	134	108	12	9	78	18	7.8	84	BDL	1.4	1.2	2.2	0.14	0.19	10	2.7
14	D/S Harike lake	1297	17/11/2022	SW 550	ZO Lab, Jal	8	52	56	138	111	11	8	76	18	7.3	90	BDL	1.3	1.1	1.7	0.14	0.18	10	2.9
15	U/S Hussainiwala H/W Ferozepur	1691	14.11.2022	SW 439	ZO Lab LDH	8	9	17	202	174	13	11	130	33.6	11.2	136	BDL	0.9	1.2	BDL	0.23	0.26	21	5.9
16	D/S Hussainiwala H/W Ferozepur	1692	14.11.2022	SW 440	ZO Lab LDH	9	10	15	206	177	10	13	126	32.8	10.7	138	BDL	1.0	1.3	1.6	0.24	0.24	22	6.9

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River Beas

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17	River Beas at Talwara H/W	1693	11/11/2022	535	ZO Lab, Jal	7.8	8.3	1	158	120	26	0.04	0.55	0.12	B	S
18	River Beas at U/S Pathankot	1694	11/11/2022	537	ZO Lab, Jal	8.2	7.9	1.2	254	250	170	0.07	0.56	0.20	B	S
19	River Beas at D/S Pathankot	1695	11/11/2022	538	ZO Lab, Jal	8.1	8.1	1.1	220	410	170	0.07	0.50	0.23	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	11/11/2022	536	ZO Lab, Jal	8.2	7.9	1	242	270	130	0.09	0.64	0.15	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	15/11/2022	542	ZO Lab, Jal	8.0	8.4	1	219	460	210	0.06	0.47	0.18	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	15/11/2022	543	ZO Lab, Jal	8.1	8.2	BDL	211	280	140	0.07	0.61	0.29	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	15/11/2022	545	ZO Lab, Jal	8.2	8.5	1.2	199	270	130	0.10	0.50	0.30	B	S
24	River Beas at U/s Goindwal	1696	17/11/2022	547	ZO Lab, Jal	8.2	8.3	BDL	192	220	94	0.09	0.49	0.27	B	S
25	River Beas at D/s Goindwal	1012	17/11/2022	548	ZO Lab, Jal	8.1	8.1	1	192	280	110	0.12	0.45	0.28	B	S
26	Beas at Harike	1697	17/11/2022	549	ZO Lab, Jal	8.2	8.4	1.1	198	330	170	0.10	0.44	0.25	B	S

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17	River Beas at Talwara H/W	1693	11/11/2022	535	ZO Lab, Jal	6	BDL	BDL	105	90	11	7	62	15	5.8	72	BDL	1.0	0.8	1.6	0.11	0.12	9.9	3.2
18	River Beas at U/S Pathankot	1694	11/11/2022	537	ZO Lab, Jal	9	11	11	166	142	12	9	118	28	12	124	BDL	0.9	1.0	1.5	0.14	0.18	14	3.5
19	River Beas at D/S Pathankot	1695	11/11/2022	538	ZO Lab, Jal	8	60	57	146	118	8	7	108	26	10	120	BDL	1.0	1.1	1.6	0.15	0.17	12	2.8
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	11/11/2022	536	ZO Lab, Jal	6	13	17	162	130	12	10	104	26	9.7	122	BDL	1.1	0.9	1.6	0.12	0.14	15	3.2
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	15/11/2022	542	ZO Lab, Jal	7	31	34	140	112	11	9	84	20	8.3	112	BDL	1.2	1.1	1.8	0.14	0.17	10	3.4
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	15/11/2022	543	ZO Lab, Jal	6	53	34	136	113	12	9	74	18	6.8	108	BDL	1.1	1.2	1.7	0.13	0.18	12	3.4
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	15/11/2022	545	ZO Lab, Jal	8	127	87	129	102	12	10	70	18	6.3	104	BDL	1.2	0.9	1.4	0.12	0.19	9.7	2.6
24	River Beas at U/s Goindwal	1696	17/11/2022	547	ZO Lab, Jal	6	74	53	125	100	10	8	78	19	7.3	86	BDL	1.1	0.9	1.6	0.12	0.18	10	2.8
25	River Beas at D/s Goindwal	1012	17/11/2022	548	ZO Lab, Jal	6	89	70	122	99	14	10	74	17	7.8	88	BDL	1.2	1.0	1.6	0.14	0.19	9.0	2.6
26	Beas at Harike	1697	17/11/2022	549	ZO Lab, Jal	7	186	152	126	104	14	9	76	18	7.8	90	BDL	1.2	1.1	1.9	0.13	0.17	8.8	2.6

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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 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	11/11/2022	534	ZO Lab, Jal	8.1	9.2	1	162	120	20	0.07	0.31	BDL	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	11/11/2022	534	ZO Lab, Jal	8	BDL	BDL	100	84	7	6	72	18	6.3	80	BDL	1.0	0.8	1.4	BDL	0.13	6.1	2.3

Analysis results of Surface water monitoring under NWMP for the month of November, 2022

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	SAR	B mg/l	Quality of water as per DBDU	Water Quality Index
1	Ghaggar at Mubarikpur Rest House	1023	2.11.2022	SW 830	H/o Lab Patiala	7.7	5.1	10	447	24000	3400	1.97	0.52	D	U
2	Ghaggar at Bhankarpur	1295	2.11.2022	SW 831	H/o Lab Patiala	7.5	3.3	15	567	28000	5800	1.67	0.63	E	U
3	Ghaggar at Chattbir	1698	2.11.2022	SW 832	H/o Lab Patiala	7.5	3.3	17	625	28000	6300	1.75	0.65	E	U
4	Ghaggar at U/s Jharmal Nadi	1702	2.11.2022	SW 833	H/o Lab Patiala	7.2	4.1	11	498	24000	3400	1.67	0.58	D	U
5	Ghaggar at D/s Jharmal Nadi	1701	2.11.2022	SW 834	H/o Lab Patiala	7.5	3.4	17	593	28000	4300	1.68	0.64	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	2.11.2022	SW 836	H/o Lab Patiala	7.4	3.6	12	493	22000	3200	1.67	0.57	E	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	2.11.2022	SW 837	H/o Lab Patiala	7.7	3.1	14	615	35000	6300	1.78	0.60	E	U
8	Ghaggar at Rattanheri	1473	9.11.2022	SW 869	H/o Lab Patiala	7.5	2.8	18	672	35000	7000	1.85	0.68	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	9.11.2022	SW 870	H/o Lab Patiala	7.5	3.1	17	647	28000	6300	1.84	0.65	E	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	9.11.2022	SW 871	H/o Lab Patiala	7.9	3.0	21	722	35000	7900	1.89	0.71	E	U
11	Ghaggar at Khanauri	1024	9.11.2022	SW 874	H/o Lab Patiala	7.6	3.2	19	727	35000	7000	1.76	0.75	E	U
12	Ghaggar at Moonak	1703	9.11.2022	SW 876	H/o Lab Patiala	7.7	2.7	22	787	43000	8400	1.75	0.78	E	U
13	Ghaggar at U/s Sardulgarh	1705	15.11.2022	SW 925	H/o Lab Patiala	7.4	5.0	10	483	21000	2700	1.58	0.55	D	U
14	Ghaggar at D/s Sardulgarh	1704	15.11.2022	SW 926	H/o Lab Patiala	7.4	4.6	11	537	28000	3900	1.53	0.59	D	U

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1	Ghaggar at Mubarikpur Rest House	1023	2.11.2022	SW 830	H/o Lab Patiala	51	510	587	289	247	29	11	113	27	11	214	BDL	11.3	1.1	15.8	1.1	1.0	48	19
2	Ghaggar at Bhankarpur	1295	2.11.2022	SW 831	H/o Lab Patiala	76	470	378	367	312	49	12	190	53	14	238	BDL	12.1	1.1	16.9	1.2	1.1	53	27
3	Ghaggar at Chattbir	1698	2.11.2022	SW 832	H/o Lab Patiala	79	480	401	406	347	56	15	209	57	16	243	BDL	12.3	1.2	17.2	1.4	1.2	58	29
4	Ghaggar at U/s Jharmal Nadi	1702	2.11.2022	SW 833	H/o Lab Patiala	57	310	258	323	276	34	12	137	35	12	227	BDL	12.3	1.2	17.1	1.2	1.2	45	21
5	Ghaggar at D/s Jharmal Nadi	1701	2.11.2022	SW 834	H/o Lab Patiala	78	390	368	387	329	51	15	188	52	14	243	BDL	13.1	1.2	18.3	1.1	1.2	53	26
6	Ghaggar at U/s Dhakanshu Nallah	1699	2.11.2022	SW 836	H/o Lab Patiala	58	345	348	319	273	36	13	144	38	12	229	BDL	12.7	1.1	17.8	1.1	1.2	46	21
7	Ghaggar at D/s Dhakanshu Nallah	1700	2.11.2022	SW 837	H/o Lab Patiala	73	410	465	398	339	54	19	202	56	15	242	BDL	12.9	1.2	18.1	1.2	1.3	58	24
8	Ghaggar at Rattanheri	1473	9.11.2022	SW 869	H/o Lab Patiala	82	415	315	437	373	59	22	227	58	20	256	BDL	13.8	1.2	19.3	1.3	1.2	64	31
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	9.11.2022	SW 870	H/o Lab Patiala	80	425	328	421	358	55	20	216	55	19	252	BDL	13.6	1.1	19.0	1.3	1.2	62	29
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	9.11.2022	SW 871	H/o Lab Patiala	88	440	342	470	401	68	26	253	63	23	261	BDL	12.9	1.3	18.0	1.3	1.3	69	35
11	Ghaggar at Khanauri	1024	9.11.2022	SW 874	H/o Lab Patiala	83	370	357	472	402	62	24	282	65	29	264	BDL	14.3	1.2	20.0	1.3	1.2	68	36
12	Ghaggar at Moonak	1703	9.11.2022	SW 876	H/o Lab Patiala	91	400	378	512	437	68	29	322	71	35	279	BDL	14.7	1.3	20.6	1.3	1.2	72	31
13	Ghaggar at U/s Sardulgarh	1705	15.11.2022	SW 925	H/o Lab Patiala	47	70	57	314	268	32	14	135	29	15	221	BDL	12.2	1.1	17.1	1.1	1.1	42	16
14	Ghaggar at D/s Sardulgarh	1704	15.11.2022	SW 926	H/o Lab Patiala	56	85	82	348	296	39	17	171	37	19	234	BDL	12.7	1.1	17.8	1.2	1.1	46	21

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	11.11.2022	SW 901	H.O. Lab Patiala	8.2	BDL	19	4268	430000	170000	-	6.06	1.49	E	E
2	Tallewal Drain along with Lohgarh –Jalwana Link road near Shri Krishna rice mill Punjab	2909	11.11.2022	SW 902	H.O. Lab Patiala	7.6	BDL	54	1863	350000	120000	-	2.68	1.36	E	E
3	Point Source B/N	2914	09.11.2022	SW 432	ZO Lab Ldh	7.3	BDL	210	1735	92,00,000	54,00,000	0.152	4.07	0.52	E	U
4	Kali Bein into Beas	2913	18/11/2022	559	ZO Lab, Jal	7.8	4.3	1.4	251	3100	1100	0.05	1.01	1.08	C	S
5	Outfall of Nag Kalan drain into Tung Dhab drain at Majitha road, Amritsar	4163	Drain was found dried, hence sample could not be collected													
6	Tungdab drain at fatehgarh churian, Amritsar	2910	17/11/2022	553	ZO Lab, Jal	7.3	BDL	145	2045	920000	280000	0.36	4.28	0.80	E	U
7	Hundiara drain before entering Pakistan	2907	17/11/2022	554	ZO Lab, Jal	7.5	BDL	130	1322	430000	130000	0.60	3.01	0.91	E	U
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected													
9	Ranjit Sagar Reservoir	2912	11/11/2022	533	ZO Lab, Jal	8.1	8.8	BDL	158	100	18	0.06	0.34	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	02.11.2022	835	H.O. Lab Patiala	7.6	BDL	43	1058	170000	70000	-	1.74	1.28	E	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	09.11.2022	872	H.O. Lab Patiala	7.3	BDL	25	798	43000	9400	-	1.66	0.70	E	E
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	02.11.2022	841	H.O. Lab Patiala	7.4	BDL	72	1745	430000	170000	-	3.25	1.26	E	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	07.11.2022	SW 404	ZO Lab Ldh	8.5	10.5	1.2	352	840	260	0.098	0.63	0.19	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, 2022

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	SO4 Mg /l	TH mg/l	Ca mg/l	Mg mg/l	T.Alkn mg/l	p.Alkn mg/l	Amn-N mg/l	NO3-N mg/l	TKN mg/l	PO4as P mg/l	F mg/l	Na mg/l	K mg/l	
1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	11.11.2022	SW 901	H.O. Lab Patiala	469	470	482	2767	2358	613	64	1688	341	203	1013	BDL	9.3	5.9	13.0	5.6	5.2	572	201	
2	Tallewal Drain along with Lohgarh –Jalwana Link road near Shri Krishna rice mill Punjab	2909	11.11.2022	SW 902	H.O. Lab Patiala	202	210	310	1212	1032	119	43	962	197	114	410	BDL	21.3	2.9	29.8	3.7	3.3	191	206	
3	Point Source B/N	2914	09.11.2022	SW 432	ZO Lab Ldh	668	200	416	1176	821	302	60	350	88	31.6	552	BDL	15.2	3.8	19.3	7.63	0.94	175	70	
4	Kali Bein into Beas	2913	18/11/2022	559	ZO Lab, Jal	9	18	10	159	121	16	10	82	21	7.3	98	BDL	1.3	1.0	1.8	0.15	0.2	21	3.9	
5	Outfall of Nag Kalan drain into Tung Dhab drain at Majitha road, Amritsar	4163	Drain was found dried, hence sample could not be collected																						
6	Tungdab drain at fatehgarh churian, Amritsar	2910	17/11/2022	553	ZO Lab, Jal	408	252	246	1395	980	352	192	368	86	37	540	BDL	36	6.0	48	5.2	0.44	189	22	
7	Hundiara drain before entering Pakistan	2907	17/11/2022	554	ZO Lab, Jal	368	452	260	882	619	169	76	370	90	35	514	BDL	30	5.2	44	4.6	0.36	133	18	
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																						
9	Ranjit Sagar Reservoir	2912	11/11/2022	533	ZO Lab, Jal	BDL	BDL	BDL	96	81	8	6	62	16	5.3	60	BDL	0.9	0.6	1.4	BDL	0.10	6.2	2.2	
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	02.11.2022	835	H.O. Lab Patiala	158	200	213	687	585	87	37	603	121	73	268	BDL	10.4	3.7	14.6	2.9	3.6	98	68	
11	Sagar Para Drain at village sagra dist.Patiala	4158	09.11.2022	872	H.O. Lab Patiala	96	290	206	518	442	73	28	367	76	43	237	BDL	8.7	1.4	12.2	2.4	1.6	73	49	
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	02.11.2022	841	H.O. Lab Patiala	277	430	361	1133	964	204	42	964	219	101	301	BDL	20.4	3.9	28.6	4.0	3.7	232	109	
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	07.11.2022	SW 404	ZO Lab Ldh	7	20	23	201	173	6	9	122	29.6	11.7	128	BDL	0.7	1.5	BDL	BDL	0.26	15.9	5.3	

- Note. 1. BDL means Below Method Detection Limit
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