

Analysis results of Surface water monitoring under NWMP for the month of March, 2023

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
1	River River Sutlej at U/S Nangal	1017	13.03.2023	SW 614	ZO Lab LDH	8.0	9.6	BDL	246	270	68	BDL	0.29	BDL	B
2	River River Sutlej at D/S NFL	1380	13.03.2023	SW 615	ZO Lab LDH	8.1	9.2	BDL	252	210	92	BDL	0.26	BDL	B
3	River Sutlej at 100m D/s PACL Nangal	2915	13.03.2023	SW 616	ZO Lab LDH	8.1	9.3	BDL	250	210	68	BDL	0.22	BDL	B
4	River River Sutlej at D/s Nangal	1018	13.03.2023	SW 617	ZO Lab LDH	7.9	9.8	BDL	259	200	78	BDL	0.29	0.12	B
5	River River Sutlej at Kiratpur Sahib	1814	14.03.2023	SW 622	ZO Lab LDH	7.9	8.9	BDL	268	380	140	BDL	0.20	0.16	B
6	Ropar Head-Works	1019	14.03.2023	SW 625	ZO Lab LDH	7.9	9.0	BDL	342	940	320	BDL	0.31	0.11	C
7	River River Sutlej D/S of Rishab- Paper Mills	1293	14.03.2023	SW 626	ZO Lab LDH	8.5	9.8	BDL	325	1100	460	BDL	0.40	0.31	C
8	River River Sutlej U/S Buddha Nallah	1690	17.03.2023	SW 632	ZO Lab LDH	7.8	6.7	2.4	358	1200	380	BDL	1.00	0.34	C
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	17.03.2023	SW 634	ZO Lab LDH	7.2	BDL	75	1167	39,00,000	13,00,000	0.054	4.77	0.51	E
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	20.03.2023	SW 1487	ZO Lab LDH /HO Lab PAT	7.3	3.0	8.0	478	3,10,000	1,70,000	0.030	1.94	0.33	E
11	River River Sutlej at D/s East Bein	1381	20.03.2023	SW 1488	ZO Lab LDH /HO Lab PAT	7.2	1.0	14	740	4,90,000	1,70,000	0.046	2.04	0.42	E
12	River Sutlej at Harike	1022	28.03.2023	SW 1505	ZO Lab LDH /HO Lab PAT	7.5	7.5	2.6	394	4800	2100	0.022	1.21	0.34	C
13	Harike Lake D/S from canal	1382	15/03/23	SW 102	ZO Lab, Jal	8.2	8.9	1.7	206	2200	940	0.09	0.39	0.29	C
14	D/S Harike lake	1297	No Flow Observed, Hence Sample could not be collected												
15	U/S Hussainiwala H/W Ferozepur	1691	28.03.2023	SW 1506	ZO Lab LDH /HO Lab PAT	7.7	9.1	1.0	322	1100	330	0.024	1.01	0.22	C
16	D/S Hussainiwala H/W Ferozepur	1692	28.03.2023	SW 1507	ZO Lab LDH /HO Lab PAT	7.8	8.9	1.2	332	1200	260	0.035	0.93	0.35	C

- 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	SO4 mg/l	TH mg/l	Ca mg/l	Mg mg/l	T.Alk n mg/l	P.Alk n mg/l	AmnN mg/l	NO3 -N mg/l	TKN mg/l	PO4as P mg/l	F mg/l	Na mg/l	K mg/l
1	River River Sutlej at U/S Nangal	1017	13.03.2023	SW 614	ZO Lab LDH	BDL	BDL	BDL	140	126	10	24	122	28	12.6	74	BDL	BDL	1.1	BDL	BDL	0.19	7.3	2.7
2	River River Sutlej at D/S NFL	1380	13.03.2023	SW 615	ZO Lab LDH	BDL	BDL	BDL	143	127	14	25	130	30.4	13.1	70	BDL	BDL	0.8	BDL	BDL	0.18	6.7	2.8
3	River Sutej at 100m D/s PACL Nangal	2915	13.03.2023	SW 616	ZO Lab LDH	BDL	BDL	BDL	148	132	15	26	132	30.4	13.6	72	BDL	BDL	0.9	BDL	BDL	0.18	5.9	2.4
4	River River Sutlej atD/s Nangal	1018	13.03.2023	SW 617	ZO Lab LDH	BDL	BDL	BDL	154	135	20	28	132	26.4	16.0	68	BDL	BDL	1.2	BDL	BDL	0.18	7.7	2.7
5	River River Sutlej at Kiratpur Sahib	1814	14.03.2023	SW 622	ZO Lab LDH	BDL	5	BDL	169	149	12	41	122	32.8	9.7	84	BDL	BDL	0.7	BDL	BDL	0.15	5.1	3.2
6	Ropar Head-Works	1019	14.03.2023	SW 625	ZO Lab LDH	BDL	8	12	194	170	15	59	118	32	9.2	84	BDL	BDL	1.1	BDL	BDL	0.19	7.8	2.9
7	River River Sutlej D/S of Rishab-Paper Mills	1293	14.03.2023	SW 626	ZO Lab LDH	BDL	15	14	201	175	12	64	126	34.4	9.7	88	BDL	1.6	0.7	2.0	BDL	0.18	10.2	3.2
8	River River Sutlej U/S Buddha Nallah	1690	17.03.2023	SW 632	ZO Lab LDH	8.0	14	17	215	184	19	38	154	36.8	15.1	98	BDL	BDL	1.1	1.7	0.28	0.20	28.5	7.6
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	17.03.2023	SW 634	ZO Lab LDH	252	100	80	702	578	124	86	288	68.8	28.2	162	BDL	5.4	1.1	8.1	1.2	0.33	186	20
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	20.03.2023	SW 1487	ZO Lab LDH	44	70	102	414	362	94	54	212	56	17.5	178	BDL	3.0	1.3	4.7	0.92	0.32	65	7.2
11	River River Sutlej at D/s East Bein	1381	20.03.2023	SW 1488	ZO Lab LDH	72	85	116	458	395	104	60	236	63.2	19.0	182	BDL	4.6	1.7	6.4	1.1	0.36	72	8.4
12	River River Sutlej at Harike	1022	28.03.2023	SW 1505	ZO Lab LDH	18	110	154	245	207	38	32	132	34.4	11.2	112	BDL	1.1	1.4	1.8	0.64	0.24	32	6.6
13	Harike Lake D/S from canal	1382	15/03/23	SW 102	ZO Lab, Jal	12	42	49	125	101	12	9	86	21	8.3	90	BDL	1.1	1.2	1.7	0.15	0.18	8.4	2.4
14	D/S Harike lake	1297	No Flow Observed, Hence Sample could not be collected																					
15	U/S Hussainiwala H/W Ferozepur	1691	28.03.2023	SW 1506	ZO Lab LDH	10	22	18	198	174	12	24	126	33.6	10.2	104	BDL	0.8	1.1	1.6	0.26	0.22	26	5.2
16	D/S Hussainiwala H/W Ferozepur	1692	28.03.2023	SW 1507	ZO Lab LDH	12	25	20	203	178	16	25	126	32.8	10.7	106	BDL	1.0	1.2	1.7	0.28	0.22	24	4.9

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River Beas

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17	River Beas at Talwara H/W	1693	07/03/23	SW 73	ZO Lab, Jal	7.8	8.1	1.2	213	110	26	0.03	0.53	BDL	B	S
18	River Beas at U/S Pathankot	1694	07/03/23	SW 75	ZO Lab, Jal	8.3	8.8	1	284	170	49	0.09	0.56	0.18	B	S
19	River Beas at D/S Pathankot	1695	07/03/23	SW 76	ZO Lab, Jal	8.3	8.6	1.1	261	220	70	0.08	0.41	0.22	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	07/03/23	SW 74	ZO Lab, Jal	8.3	8.6	1.3	289	140	32	0.07	0.57	0.10	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	13/03/23	SW 81	ZO Lab, Jal	7.8	8.4	1.2	262	330	110	0.03	0.51	0.39	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	13/03/23	SW 82	ZO Lab, Jal	8.1	8.9	1.1	229	330	140	0.06	0.43	0.20	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	15/03/23	SW 98	ZO Lab, Jal	7.9	8.7	1.3	211	280	110	0.05	0.44	0.28	B	S
24	River Beas at U/s Goindwal	1696	15/03/23	SW 99	ZO Lab, Jal	8.1	9.2	1	205	280	110	0.07	0.38	0.15	B	S
25	River Beas at D/s Goindwal	1012	15/03/23	SW 100	ZO Lab, Jal	8.1	8.9	1.2	203	330	110	0.07	0.44	0.19	B	S
26	Beas at Harike	1697	15/03/23	SW 101	ZO Lab, Jal	8.1	8.7	1.1	205	310	140	0.07	0.41	0.14	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	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	TKN mg/l	PO4as P mg/l	F mg/l	Na mg/l	K mg/l
17	River Beas at Talwara H/W	1693	07/03/23	SW 73	ZO Lab, Jal	8	10	12	120	100	12	10	82	20	7.8	78	BDL	0.8	0.8	1.1	BDL	0.12	11	2.5
18	River Beas at U/S Pathankot	1694	07/03/23	SW 75	ZO Lab, Jal	7	12	13	166	132	13	10	120	30	11	116	BDL	0.9	0.7	1.2	0.10	0.11	14	2.7
19	River Beas at D/S Pathankot	1695	07/03/23	SW 76	ZO Lab, Jal	8	50	48	152	129	8	7	110	26	11	110	BDL	0.8	0.7	1.1	0.10	0.13	10	2.5
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	07/03/23	SW 74	ZO Lab, Jal	9	6	10	170	132	12	9	116	29	11	112	BDL	0.7	0.8	1.0	0.11	0.11	14	2.8
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	13/03/23	SW 81	ZO Lab, Jal	8	42	52	148	118	13	12	104	26	9.7	90	BDL	0.8	0.8	1.2	0.11	0.12	12	4.2
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	13/03/23	SW 82	ZO Lab, Jal	7	40	46	132	112	9	6	100	24	9.7	88	BDL	0.9	0.7	1.4	0.12	0.14	9.8	2.8
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	15/03/23	SW 98	ZO Lab, Jal	9	46	49	122	99	11	10	84	19	8.7	76	BDL	1.0	0.9	1.5	0.12	0.14	9.2	2.5
24	River Beas at U/s Goindwal	1696	15/03/23	SW 99	ZO Lab, Jal	7	55	52	121	102	10	8	92	20	10	76	BDL	1.0	0.9	1.6	0.13	0.13	8.4	2.6
25	River Beas at D/s Goindwal	1012	15/03/23	SW 100	ZO Lab, Jal	7	48	53	114	94	10	7	66	17	5.8	74	BDL	1.1	1.1	1.6	0.13	0.16	8.2	2.5
26	Beas at Harike	1697	15/03/23	SW 101	ZO Lab, Jal	7	50	58	117	98	11	8	78	18	7.8	72	BDL	1.0	1.0	1.5	0.12	0.15	8.3	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	07/03/23	SW 72	ZO Lab, Jal	7.9	9.0	BDL	170	140	40	0.03	0.19	BDL	B	S

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27	Ravi at U/s of Madhopur H/W	1097	07/03/23	SW 72	ZO Lab, Jal	5	14	11	100	82	8	6	88	20	9.2	60	ND	0.6	0.6	1.0	BDL	0.11	4.2	2

Analysis results of Surface water monitoring under NWMP for the month of March, 2023

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
1	Ghaggar at Mubarikpur Rest House	1023	7.3.2023	1404	H/o Lab Patiala	7.9	5.2	10	545	21000	2200	7.7	1.78	0.48	D
2	Ghaggar at Bhankarpur	1295	7.3.2023	1405	H/o Lab Patiala	7.6	3.0	32	845	28000	3800	10.2	2.05	0.63	E
3	Ghaggar at Chattbir	1698	7.3.2023	1406	H/o Lab Patiala	7.8	2.8	30	798	28000	4600	10.6	1.95	0.67	E
4	Ghaggar at U/s Jharmal Nadi	1702	7.3.2023	1407	H/o Lab Patiala	7.9	3.2	15	696	24000	3400	10.5	1.94	0.60	E
5	Ghaggar at D/s Jharmal Nadi	1701	7.3.2023	1408	H/o Lab Patiala	8.0	2.9	19	753	28000	3900	11.4	1.95	0.69	E
6	Ghaggar at U/s Dhakanshu Nallah	1699	7.3.2023	1410	H/o Lab Patiala	7.7	3.3	19	682	28000	2700	10.9	1.94	0.58	E
7	Ghaggar at D/s Dhakanshu Nallah	1700	7.3.2023	1411	H/o Lab Patiala	7.8	3.0	26	848	35000	3900	11.7	2.02	0.69	E
8	Ghaggar at Rattanheri	1473	13.3.2023	1432	H/o Lab Patiala	7.7	2.2	23	861	35000	4600	11.5	2.09	0.65	E
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	13.3.2023	1433	H/o Lab Patiala	7.9	2.9	21	819	35000	3800	11.2	1.99	0.63	E
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	13.3.2023	1434	H/o Lab Patiala	7.8	2.3	25	897	35000	3800	9.8	2.10	0.71	E
11	Ghaggar at Khanauri	1024	13.3.2023	1437	H/o Lab Patiala	7.9	3.0	22	872	35000	6300	11.6	1.88	0.73	E
12	Ghaggar at Moonak	1703	13.3.2023	1439	H/o Lab Patiala	7.9	2.5	27	943	43000	7000	11.9	1.98	0.80	E
13	Ghaggar at U/s Sardulgarh	1705	3.3.2023	1400	H/o Lab Patiala	7.8	5.0	10	510	21000	2100	8.7	1.63	0.53	D
14	Ghaggar at D/s Sardulgarh	1704	3.3.2023	1401	H/o Lab Patiala	7.8	4.8	12	601	22000	2600	9.9	1.67	0.65	D

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1	Ghaggar at Mubarikpur Rest House	1023	7.3.2023	1404	H/o Lab Patiala	52	590	702	353	306	38	11	156	39	14	231	BDL	7.7	1.1	10.8	1.7	1.2	51	24
2	Ghaggar at Bhankarpur	1295	7.3.2023	1405	H/o Lab Patiala	192	460	412	549	472	80	26	327	83	29	264	BDL	10.2	1.3	14.3	2.0	1.4	85	47
3	Ghaggar at Chattbir	1698	7.3.2023	1406	H/o Lab Patiala	148	490	420	519	443	76	22	302	78	26	258	BDL	10.6	1.2	14.8	2.6	1.3	78	45
4	Ghaggar at U/s Jharmal Nadi	1702	7.3.2023	1407	H/o Lab Patiala	74	300	282	453	387	53	20	234	57	22	252	BDL	10.5	1.2	14.7	2.3	1.2	68	42
5	Ghaggar at D/s Jharmal Nadi	1701	7.3.2023	1408	H/o Lab Patiala	93	340	325	491	421	58	21	266	65	25	278	BDL	11.4	1.1	16.0	2.4	1.3	73	44
6	Ghaggar at U/s Dhakanshu Nallah	1699	7.3.2023	1410	H/o Lab Patiala	90	300	296	443	378	50	19	219	53	21	272	BDL	10.9	1.1	15.3	2.2	1.1	66	35
7	Ghaggar at D/s Dhakanshu Nallah	1700	7.3.2023	1411	H/o Lab Patiala	129	425	410	553	473	79	25	320	82	28	281	BDL	11.7	1.3	16.4	2.9	1.4	83	48
8	Ghaggar at Rattanheri	1473	13.3.2023	1432	H/o Lab Patiala	112	210	172	559	478	76	28	314	78	29	291	BDL	11.5	1.5	16.1	2.6	1.7	85	52
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	13.3.2023	1433	H/o Lab Patiala	101	220	178	532	453	72	27	290	73	26	288	BDL	11.2	1.3	15.7	2.3	1.4	78	47
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	13.3.2023	1434	H/o Lab Patiala	122	245	200	583	497	83	28	341	85	31	297	BDL	9.8	1.6	13.7	2.9	1.8	89	53
11	Ghaggar at Khanauri	1024	13.3.2023	1437	H/o Lab Patiala	110	225	198	567	483	84	27	334	86	29	293	BDL	11.6	1.5	16.2	2.9	1.7	79	50
12	Ghaggar at Moonak	1703	13.3.2023	1439	H/o Lab Patiala	129	240	225	613	523	86	39	374	87	38	301	BDL	11.9	1.8	16.7	3.3	1.7	88	56
13	Ghaggar at U/s Sardulgarh	1705	3.3.2023	1400	H/o Lab Patiala	48	60	35	332	284	31	13	150	32	17	229	BDL	8.7	1.1	12.2	1.8	1.1	46	22
14	Ghaggar at D/s Sardulgarh	1704	3.3.2023	1401	H/o Lab Patiala	61	75	48	392	334	43	19	119	45	21	240	BDL	9.9	1.2	13.9	2.2	1.1	54	30

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	8.3.2023	1429	H.O. Lab Patiala	8.0	BDL	129	5253	430000	140000	8.2	6.62	1.38	E
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	9.3.2023	1430	H.O. Lab Patiala	7.9	BDL	62	2593	350000	120000	20.3	3.21	1.20	E
3	Point Source B/N	2914	17.03.2023	SW 633	ZO Lab Ldh	7.2	BDL	130	1468	92,00,0000	22,00,000	0.104	7.53	0.58	E
4	Kali Bein into Beas	2913	14/03/23	SW 94	ZO Lab, Jal	8.2	5.0	2	252	1700	610	0.10	0.86	0.65	C
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	15/03/23	SW 104	ZO Lab, Jal	7.4	BDL	220	2480	700000	140000	0.45	3.74	0.56	E
7	Hundiara drain before entering Pakistan	2907	15/03/23	SW 105	ZO Lab, Jal	7.6	BDL	160	1465	480000	170000	0.65	2.63	0.61	E
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected												
9	Ranjit Sagar Reservoir	2912	07/03/23	SW 71	ZO Lab, Jal	7.5	9.2	1	172	110	20	BDL	0.22	BDL	B
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	7.3.23	1412	H.O. Lab Patiala	7.7	BDL	50	1514	110000	27000	9.1	2.13	1.28	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	13.3.23	1435	H.O. Lab Patiala	7.9	BDL	34	1235	28000	3200	7.6	2.03	0.82	E
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	7.3.23	1416	H.O. Lab Patiala	7.8	BDL	92	2585	430000	130000	21.3	3.71	1.21	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	14.03.2023	SW 624	ZO Lab Ldh	8.0	9.6	BDL	406	580	250	0.055	0.70	0.22	C

- 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 March, 2023

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	NO3-N mg/l	TKN mg/l	PO ₄ P mg/l	F mg/l	Na mg/l	K mg/l
1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	8.3.2023	1429	H.O. Lab Patiala	493	510	490	3419	2915	748	107	2207	458	258	1098	BDL	8.2	7.9	11.5	7.3	7.4	715	296
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	9.3.2023	1430	H.O. Lab Patiala	242	285	272	1683	1433	229	113	1250	248	153	491	BDL	20.3	4.8	28.4	5.9	5.1	261	278
3	Point Source B/N	2914	17.03.23	SW 633	ZO Lab Ldh	464	160	294	940	726	196	78	296	70.4	29.2	306	BDL	10.4	3.2	15.6	5.4	0.40	298	32
4	Kali Bein into Beas	2913	14/03/23	SW 94	ZO Lab, Jal	12	11	13	152	118	17	13	92	22	8.7	96	BDL	1.2	1.3	1.8	0.2	0.24	19	3.1
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	15/03/23	SW 104	ZO Lab, Jal	600	369	424	1400	844	370	156	324	79	31	750	BDL	30	4.8	38	3.4	0.42	155	21
7	Hundiara drain before entering Pakistan	2907	15/03/23	SW 105	ZO Lab, Jal	420	308	344	842	532	142	62	306	69	33	546	BDL	26	4.2	32	2.6	0.40	106	19
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	07/03/23	SW 71	ZO Lab, Jal	6	42	32	98	80	7	5	80	21	6.8	62	BDL	BDL	0.5	BDL	BDL	0.10	4.6	2.2
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	7.3.23	1412	H.O. Lab Patiala	198	270	252	978	839	129	93	842	167	103	311	BDL	9.1	6.3	12.7	5.1	4.9	142	96
11	Sagar Para Drain at village sagra dist.Patiala	4158	13.3.23	1435	H.O. Lab Patiala	132	170	158	807	689	105	78	640	119	83	303	BDL	7.6	3.9	10.6	3.6	2.9	118	77
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	7.3.23	1416	H.O. Lab Patiala	358	400	393	1681	1431	278	129	1403	301	158	381	BDL	21.3	6.9	29.8	6.0	6.2	319	155
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	14.03.23	SW 624	ZO Lab LDH	BDL	27	17	244	214	25	68	132	36	10.2	96	BDL	1.1	2.0	1.7	BDL	0.16	18.5	3.9

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