

Analysis results of Surface water monitoring under NWMP for the month of May, 2024

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
1	River River Sutlej at U/S Nangal	1017	07.05.24	SW 43	ZO Lab LDH	8.1	9.9	BDL	260	84	46	BDL	0.26	0.14	B
2	River River Sutlej at D/S NFL	1380	07.05.24	SW 44	ZO Lab LDH	8.1	9.6	BDL	307	84	21	BDL	0.33	0.20	B
3	River Sutlej at 100m D/s PACL Nangal	2915	07.05.24	SW 45	ZO Lab LDH	8.1	9.8	BDL	309	94	23	BDL	0.32	0.19	B
4	River River Sutlej at D/s Nangal	1018	07.05.24	SW 46	ZO Lab LDH	8.4	10	BDL	281	110	21	BDL	0.26	0.17	B
5	River River Sutlej at Kiratpur Sahib	1814	08.05.24	SW 49	ZO Lab LDH	8.1	7.5	BDL	284	230	130	BDL	0.23	0.25	B
6	Ropar Head-Works	1019	08.05.24	SW 54	ZO Lab LDH	7.8	8.0	BDL	293	580	130	BDL	0.27	BDL	C
7	River River Sutlej D/S of Rishab- Paper Mills	1293	08.05.24	SW 58	ZO Lab LDH	7.2	9.5	BDL	435	580	130	BDL	0.80	0.31	C
8	River River Sutlej U/S Buddha Nallah	1690	09.05.24	SW 62	ZO Lab LDH	7.7	8.2	1.4	486	1200	380	0.027	1.53	0.40	C
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	09.05.24	SW 64	ZO Lab LDH	7.5	BDL	52	1039	17,00,000	3,90,000	0.170	3.83	1.02	E
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	13.05.24	SW 70	ZO Lab LDH	7.5	BDL	40	1087	54,000	11,000	0.048	3.67	0.51	E
11	River River Sutlej at D/s East Bein	1381	13.05.24	SW 71	ZO Lab LDH	7.5	1.1	50	1025	84,000	26,000	0.060	3.32	0.61	E
12	River Sutlej at Harike	1022	13.05.24	SW 72	ZO Lab LDH	7.6	9.7	4.2	280	3500	1100	0.035	0.30	0.40	D
13	Harike Lake D/S from canal	1382	13/05/2024	SW 61	ZO Lab, Jal	7.7	8.5	1.7	233	2100	780	0.030	0.47	0.31	C
14	D/S Harike lake	1297	13/05/2024	SW 60	ZO Lab, Jal	7.6	7.9	1.6	234	2600	920	0.025	0.48	0.26	C
15	U/S Hussainiwala H/W Ferozepur	1691	14.05.24	SW 76	ZO Lab LDH	8.2	9.5	2.0	257	920	220	BDL	0.46	0.16	C
16	D/S Hussainiwala H/W Ferozepur	1692	14.05.24	SW 77	ZO Lab LDH	8.2	9.3	1.8	258	920	280	BDL	0.54	0.23	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.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
1	River River Sutlej at U/S Nangal	1017	07.05.24	SW 43	ZO Lab LDH	BDL	2	BDL	174	149	14	44	114	30.4	9.2	90	BDL	BDL	1.8	BDL	BDL	0.24	6.3	2.2
2	River River Sutlej at D/S NFL	1380	07.05.24	SW 44	ZO Lab LDH	BDL	2	BDL	219	186	15	49	146	39.2	11.7	106	BDL	BDL	2.4	BDL	BDL	0.27	9.1	2.7
3	River Sutej at 100m D/s PACL Nangal	2915	07.05.24	SW 45	ZO Lab LDH	BDL	7	BDL	229	194	15	49	142	37.6	11.7	102	BDL	BDL	2.6	BDL	BDL	0.28	8.8	2.6
4	River River Sutlej atD/s Nangal	1018	07.05.24	SW 46	ZO Lab LDH	BDL	1	BDL	182	156	14	40	134	36	10.7	92	BDL	BDL	2.4	BDL	BDL	0.21	6.8	2.3
5	River River Sutlej at Kiratpur Sahib	1814	08.05.24	SW 49	ZO Lab LDH	BDL	5	BDL	188	162	18	43	130	34.8	10.4	90	BDL	BDL	1.8	BDL	BDL	0.22	6.1	2.1
6	Ropar Head-Works	1019	08.05.24	SW 54	ZO Lab LDH	BDL	40	19	188	162	19	42	126	33.6	10.2	88	BDL	BDL	2.2	BDL	BDL	0.24	6.9	2.2
7	River River Sutlej D/S of Rishab-Paper Mills	1293	08.05.24	SW 58	ZO Lab LDH	BDL	21	14	310	261	49	48	170	44.8	14.1	118	BDL	BDL	2.4	BDL	BDL	0.27	24	8.9
8	River River Sutlej U/S Buddha Nallah	1690	09.05.24	SW 62	ZO Lab LDH	10	30	32	358	297	60	61	186	48.8	15.6	158	BDL	0.9	2.8	1.5	0.29	0.46	48	7.8
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	09.05.24	SW 64	ZO Lab LDH	192	120	110	768	614	240	68	246	65.6	19.9	240	BDL	8.5	4.2	12.2	1.86	0.59	138	16
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	13.05.24	SW 70	ZO Lab LDH	156	55	118	752	602	217	65	260	69.6	20.9	240	BDL	2.4	4.1	3.0	0.35	0.54	136	17
11	River River Sutlej at D/s East Bein	1381	13.05.24	SW 71	ZO Lab LDH	188	65	126	725	582	190	56	276	73.6	22.4	272	BDL	3.0	4.6	4.2	0.58	0.62	127	18
12	River River Sutlej at Harike	1022	13.05.24	SW 72	ZO Lab LDH	36	70	98	181	148	18	25	112	29.6	9.2	110	BDL	1.4	3.2	2.0	0.33	0.32	7.2	2.4
13	Harike Lake D/S from canal	1382	13/05/2024	SW 61	ZO Lab, Jal	12	13	12	143	108	12	10	100	25	9	94	BDL	1.0	0.62	1.5	0.24	0.18	11	4.6
14	D/S Harike lake	1297	13/05/2024	SW 60	ZO Lab, Jal	9	10	14	139	102	14	11	98	24	9	96	BDL	1.0	0.55	1.6	0.26	0.2	11	3.7
15	U/S Hussainiwala H/W Ferozepur	1691	14.05.24	SW 76	ZO Lab LDH	20	75	74	171	141	20	21	110	29.6	8.7	108	BDL	BDL	3.2	BDL	0.37	0.30	11	3.3
16	D/S Hussainiwala H/W Ferozepur	1692	14.05.24	SW 77	ZO Lab LDH	20	65	61	181	151	15	20	110	28.8	9.2	124	BDL	BDL	3.1	BDL	0.38	0.30	13	3.7

- 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	03/05/2024	SW 47	ZO Lab, Jal	7.4	8.1	1.1	258	84	26	0.014	0.47	BDL	B	S
18	River Beas at U/S Pathankot	1694	03/05/2024	SW 49	ZO Lab, Jal	7.6	7.9	1.3	313	210	78	0.025	0.26	0.15	B	S
19	River Beas at D/S Pathankot	1695	03/05/2024	SW50	ZO Lab, Jal	7.3	7.5	1.2	294	260	92	0.007	0.44	0.20	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	03/05/2024	SW 48	ZO Lab, Jal	7.4	7.8	1.3	343	170	68	0.017	0.58	BDL	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	08/05/2024	SW 52	ZO Lab, Jal	7.6	8.6	1.4	286	400	210	0.030	0.26	0.41	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	08/05/2024	SW 53	ZO Lab, Jal	7.3	8.2	1.1	248	390	200	0.010	0.30	0.23	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	08/05/2024	SW 55	ZO Lab, Jal	7.4	8.5	1.3	238	330	140	0.014	0.32	0.25	B	S
24	River Beas at U/s Goindwal	1696	13/05/2024	SW 57	ZO Lab, Jal	7.6	8.3	1.0	235	310	120	0.018	0.35	0.13	B	S
25	River Beas at D/s Goindwal	1012	13/05/2024	SW 58	ZO Lab, Jal	7.6	8.0	1.2	240	380	140	0.023	0.36	0.17	B	S
26	Beas at Harike	1697	13/05/2024	SW 59	ZO Lab, Jal	7.6	8.4	1.1	227	390	200	0.023	0.47	0.21	B	S

S.N.	Point of Sample Collection	Code	Date of receipt in lab	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	03/05/2024	ZO Lab, Jal	10	6	BDL	158	130	14	11	144	34	14	104	BDL	0.9	0.38	1.4	0.22	0.14	13	3.0
18	River Beas at U/S Pathankot	1694	03/05/2024	ZO Lab, Jal	13	10	13	178	135	13	14	174	50	12	128	BDL	1.0	0.45	1.5	0.20	0.16	8	2.2
19	River Beas at D/S Pathankot	1695	03/05/2024	ZO Lab, Jal	12	15	14	161	130	11	10	138	41	9	122	BDL	0.7	0.34	1.3	0.18	0.15	12	2.9
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	03/05/2024	ZO Lab, Jal	14	10	11	207	168	15	13	182	52	13	134	BDL	1.1	0.42	1.6	0.25	0.18	18	3.5
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	08/05/2024	ZO Lab, Jal	14	15	15	168	128	13	13	142	42	9	128	BDL	1.2	0.58	1.7	0.19	0.19	7	2.2
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	08/05/2024	ZO Lab, Jal	9	10	12	152	118	12	12	134	38	9	108	BDL	1.0	0.49	1.6	0.19	0.18	8	2.6
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	08/05/2024	ZO Lab, Jal	13	20	16	145	114	14	12	110	33	7	106	BDL	0.9	0.50	1.5	0.17	0.19	7.6	2.5
24	River Beas at U/s Goindwal	1696	13/05/2024	ZO Lab, Jal	8	15	10	139	108	11	11	116	34	8	102	BDL	0.7	0.34	1.3	0.21	0.14	8.7	2.7
25	River Beas at D/s Goindwal	1012	13/05/2024	ZO Lab, Jal	10	18	14	142	110	11	13	118	32	9	98	BDL	0.9	0.46	1.4	0.19	0.13	9	2.8
26	Beas at Harike	1697	13/05/2024	ZO Lab, Jal	10	18	15	138	112	13	14	104	34	4	92	BDL	0.9	0.44	1.3	0.21	0.16	11	4.2

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 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
27	Ravi at U/s of Madhopur H/W	1097	03/05/2024	SW 46	ZO Lab, Jal	7.4	8.6	1.0	192	70	21	BDL	0.13	BDL	B

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	03/05/2024	SW 46	ZO Lab, Jal	7	8	BDL	111	85	7	5	100	25	9	68	BDL	BDL	0.36	BDL	BDL	0.14	3	3.2

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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	SAR	Free Amm.N	B mg/l	Quality of water as per DBDU
1	Ghaggar at Mubarikpur Rest House	1023	8/5/2024	SW 96	H/o Lab Patiala	7.4	5.3	7	510	21000	1700	1.87	0.14	0.43	D
2	Ghaggar at Bhankarpur	1295	8/5/2024	SW97	H/o Lab Patiala	8.0	3.6	16	853	24000	2700	2.16	0.55	0.76	E
3	Ghaggar at Chattbir	1698	8/5/2024	SW 98	H/o Lab Patiala	7.9	3.0	18	947	24000	3400	2.26	0.54	0.78	E
4	Ghaggar at U/s Jharmal Nadi	1702	8/5/2024	SW 99	H/o Lab Patiala	7.7	4.0	13	910	24000	2100	1.78	0.34	0.60	E
5	Ghaggar at D/s Jharmal Nadi	1701	8/5/2024	SW 100	H/o Lab Patiala	7.7	3.2	16	865	24000	3400	2.19	0.43	0.79	D
6	Ghaggar at U/s Dhakanshu Nallah	1699	8/5/2024	SW 102	H/o Lab Patiala	7.6	3.7	12	681	22000	2600	1.99	0.29	0.60	E
7	Ghaggar at D/s Dhakanshu Nallah	1700	8/5/2024	SW 103	H/o Lab Patiala	7.5	3.1	17	921	28000	3200	2.23	0.30	0.82	E
8	Ghaggar at Rattanheri	1473	14/5/2024	SW 147	H/o Lab Patiala	7.7	3.4	16	981	28000	3800	2.28	0.37	0.0	E
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	14/5/2024	SW 148	H/o Lab Patiala	8.0	3.1	15	931	28000	3200	2.29	0.60	0.79	E
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	14/5/2024	SW 149	H/o Lab Patiala	7.8	2.1	19	1025	28000	4600	2.50	0.41	0.86	E
11	Ghaggar at Khanauri	1024	14/5/2024	SW 152	H/o Lab Patiala	7.7	3.5	18	951	28000	3800	2.30	0.36	0.84	E
12	Ghaggar at Moonak	1703	14/5/2024	SW 154	H/o Lab Patiala	8.0	2.1	20	1121	35000	5800	2.33	0.63	0.90	E
13	Ghaggar at U/s Sardulgarh	1705	13/5/2024	SW 144	H/o Lab Patiala	8.0	6.9	8	451	21000	1700	1.52	0.44	0.29	D
14	Ghaggar at D/s Sardulgarh	1704	13/5/2024	SW 145	H/o Lab Patiala	8.0	4.8	9	631	22000	2200	1.64	0.48	0.46	D

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1	Ghaggar at Mubarikpur Rest House	1023	SW 96	H/o Lab Patiala	38	530	510	332	285	42	8	130	37	9	245	BDL	9.3	1.0	13.0	1.2	1.1	49	11
2	Ghaggar at Bhankarpur	1295	SW97	H/o Lab Patiala	83	480	490	558	477	70	17	342	94	26	306	BDL	11.0	1.2	15.4	1.3	1.2	92	39
3	Ghaggar at Chattbir	1698	SW 98	H/o Lab Patiala	92	510	500	615	524	94	24	362	97	29	315	BDL	11.9	1.3	16.7	1.5	1.3	99	51
4	Ghaggar at U/s Jharmal Nadi	1702	SW 99	H/o Lab Patiala	58	400	380	514	437	52	13	215	58	17	278	BDL	11.3	1.2	15.8	1.4	1.3	60	27
5	Ghaggar at D/s Jharmal Nadi	1701	SW 100	H/o Lab Patiala	84	410	425	571	491	86	24	320	90	23	297	BDL	14.3	1.3	20.0	1.2	1.4	90	37
6	Ghaggar at U/s Dhakanshu Nallah	1699	SW 102	H/o Lab Patiala	54	360	319	447	381	60	19	227	61	18	261	BDL	11.4	1.2	16.0	1.2	1.3	69	28
7	Ghaggar at D/s Dhakanshu Nallah	1700	SW 103	H/o Lab Patiala	83	400	395	599	511	92	27	358	94	30	309	BDL	11.8	1.5	16.5	1.4	1.3	97	40
8	Ghaggar at Rattanheri	1473	SW 147	H/o Lab Patiala	78	300	289	641	647	99	31	386	100	33	315	BDL	12.2	2.0	17.1	2.3	1.9	103	49
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	SW 148	H/o Lab Patiala	68	300	280	65	517	92	29	361	95	30	300	BDL	12.0	2.0	16.8	2.3	1.8	100	47
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	SW 149	H/o Lab Patiala	91	350	342	671	573	97	35	416	104	38	310	BDL	11.7	2.1	16.4	2.3	2.0	117	55
11	Ghaggar at Khanauri	1024	SW 152	H/o Lab Patiala	78	310	290	619	531	93	26	380	99	32	303	BDL	12.1	2.0	16.9	2.5	2.2	103	51
12	Ghaggar at Moonak	1703	SW 154	H/o Lab Patiala	96	330	339	731	629	108	41	495	117	49	335	BDL	12.6	2.3	17.6	2.7	2.7	119	59
13	Ghaggar at U/s Sardulgarh	1705	SW 144	H/o Lab Patiala	40	70	48	292	251	34	9	113	32	8	219	BDL	8.7	1.2	12.2	1.1	1.1	37	18
14	Ghaggar at D/s Sardulgarh	1704	SW 145	H/o Lab Patiala	48	90	62	409	348	46	19	229	52	24	263	BDL	9.5	1.3	13.3	1.2	1.2	57	24

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1	Dhanula Drain falling into Lasara drain, Near village, Ghunas Punjab	2906	9/5/2024	SW 142	H.O. Lab Patiala	7.9	BDL	121	3435	280000	120000	0.42	5.24	1.38	E
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	9/5/2024	SW 143	H.O. Lab Patiala	7.5	BDL	67	1513	280000	110000	0.32	3.79	1.32	E
3	Point Source B/N	2914	09.05.24	SW 63	ZO Lab LDH	7.4	BDL	115	1545	84,00,000	26,00,000	0.189	4.24	1.15	E
4	Kali Bein into Beas	2913	16/05/2024	SW 69	ZO Lab, Jal	7.6	3.3	2.4	318	4300	1100	0.028	0.84	0.80	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	13/05/2024	SW 63	ZO Lab, Jal	7.2	BDL	220	2854	400000	220000	0.200	7.99	0.68	E
7	Hundiara drain before entering Pakistan	2907	13/05/2024	SW 64	ZO Lab, Jal	7.4	BDL	115	1704	210000	130000	0.270	5.01	0.55	E
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected												
9	Ranjit Sagar Reservoir	2912	03/05/2024	SW 45	ZO Lab, Jal	7.3	8.8	1.0	202	63	21	BDL	0.14	BDL	B
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	8/5/2024	SW 101	H.O. Lab Patiala	7.7	BDL	71	1541	280000	70000	0.37	4.11	1.30	E
11	Sagar Para Drain at village sagra dist.Patiala	4158	14/5/2024	SW 150	H.O. Lab Patiala	7.8	2.1	39	1475	35000	9400	0.38	2.09	0.94	E
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	8/5/2024	SW 108	H.O. Lab Patiala	7.3	BDL	124	3258	350000	130000	0.19	4.16	1.69	E
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	08.05.24	SW 51	ZO Lab LDH	8.2	8.7	1.2	373	700	260	BDL	0.74	0.33	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 May, 2024

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.Alknl mg/l	P.Alknl 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	9/5/2024	SW 142	H.O. Lab Patiala	386	280	279	2235	1901	348	131	1666	342	197	698	BDL	9.3	3.6	13.0	4.9	4.2	491	203
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	9/5/2024	SW 143	H.O. Lab Patiala	214	230	215	986	841	149	198	1163	238	138	331	BDL	15.9	3.9	22.3	4.2	3.8	297	315
3	Point Source B/N	2914	09.05.24	SW 63	ZO Lab LDH	360	170	434	1015	772	306	76	300	80	24.3	368	BDL	12.6	5.7	16.7	6.2	0.76	169	36
4	Kali Bein into Beas	2913	16/05/2024	SW 69	ZO Lab, Jal	16	12	13	182	128	15	14	122	32	10	116	BDL	1.1	0.9	1.7	0.26	0.23	21	5.4
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	13/05/2024	SW 63	ZO Lab, Jal	672	479	462	1559	990	142	62	560	134	55	548	BDL	20	3.2	30	2.2	0.52	435	25
7	Hundiara drain before entering Pakistan	2907	13/05/2024	SW 64	ZO Lab, Jal	320	295	267	946	589	114	50	420	105	38	474	BDL	18	2.8	28	2.0	0.48	236	23
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	03/05/2024	SW 45	ZO Lab, Jal	7	7	BDL	112	88	6	5	102	24	10	70	BDL	BDL	0.32	BDL	BDL	0.12	3.2	2.5
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	8/5/2024	SW 101	H.O. Lab Patiala	266	190	178	1007	859	148	121	463	116	42	325	BDL	12.3	3.7	17.2	2.8	3.2	203	127
11	Sagar Para Drain at village sagra dist.Patiala	4158	14/5/2024	SW 150	H.O. Lab Patiala	115	170	145	961	814	124	103	840	171	100	338	BDL	10.8	2.9	15.1	2.9	3.1	139	81
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	8/5/2024	SW 108	H.O. Lab Patiala	389	310	298	2121	1804	339	265	1721	392	180	471	BDL	19.1	5.7	26.7	5.4	6.2	397	172
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	08.05.24	SW 51	ZO Lab LDH	BDL	120	63	257	224	36	41	152	40.8	12.2	110	BDL	BDL	2.5	BDL	BDL	0.36	21	3.2

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