

Analysis results of Surface water monitoring under NWMP for the month of June, 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	08.06.2022	SW 151	ZO Lab LDH	8.2	7.2	BDL	239	170	45	BDL	0.21	BDL	B	S
2	River River Sutlej at D/S NFL	1380	08.06.2022	SW 152	ZO Lab LDH	8.4	10.8	BDL	246	210	68	BDL	0.25	BDL	B	S
3	River Sutlej at 100m D/s PACL Nangal	2915	08.06.2022	SW 153	ZO Lab LDH	8.4	10.7	BDL	242	240	78	BDL	0.22	BDL	B	S
4	River River Sutlej at D/s Nangal	1018	08.06.2022	SW 154	ZO Lab LDH	8.5	10.5	BDL	230	260	68	BDL	0.21	0.13	B	S
5	River River Sutlej at Kiratpur Sahib	1814	10.06.2022	SW 161	ZO Lab LDH	7.9	8.3	BDL	235	470	130	BDL	0.38	0.19	B	S
6	Ropar Head-Works	1019	10.06.2022	SW 164	ZO Lab LDH	7.7	8.0	BDL	250	1700	680	BDL	0.41	0.12	C	S
7	River River Sutlej D/S of Rishab- Paper Mills	1293	10.06.2022	SW 165	ZO Lab LDH	7.7	8.4	BDL	257	2000	680	BDL	0.53	0.33	C	S
8	River River Sutlej U/S Buddha Nallah	1690	13.06.2022	SW 167	ZO Lab LDH	8.2	7.9	BDL	281	3100	1300	0.224	0.99	0.44	C	S
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	13.06.2022	SW 169	ZO Lab LDH	7.4	1.6	14	539	26,00,000	14,00,000	0.075	2.17	0.28	E	U
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	16.06.2022	SW 172	ZO Lab LDH	7.7	4.1	4.0	516	1,20,000	49,000	0.084	1.32	0.15	D	U
11	River River Sutlej at D/s East Bein	1381	16.06.2022	SW 173	ZO Lab LDH	7.4	3.8	8.2	974	7,90,000	3,30,000	0.127	2.22	0.38	E	U
12	River Sutlej at Harike	1022	16.06.2022	SW 174	ZO Lab LDH	7.7	6.8	1.6	268	2600	1300	BDL	0.85	0.29	C	S
13	Harike Lake D/S from canal	1382	21/06/2022	S 348	ZO Lab, Jal	7.8	7.5	1.0	244	1700	790	0.060	0.41	0.40	C	S
14	D/S Harike lake	1297	21/06/2022	S 347	ZO Lab, Jal	7.9	8.9	1.1	231	1400	630	0.054	0.12	0.55	C	S
15	U/S Hussainiwala H/W Ferozepur	1691	20.06.2022	SW 177	ZO Lab LDH	7.5	7.1	BDL	243	1700	780	BDL	0.43	0.21	C	S
16	D/S Hussainiwala H/W Ferozepur	1692	20.06.2022	SW 178	ZO Lab LDH	7.5	6.9	BDL	244	2000	920	BDL	0.47	0.33	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 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.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	08.06.2022	SW 151	ZO Lab LDH	BDL	BDL	BDL	132	118	8	5	98	24	9.2	74	BDL	BDL	1.4	BDL	BDL	0.16	4.8	2.2
2	River River Sutlej at D/S NFL	1380	08.06.2022	SW 152	ZO Lab LDH	BDL	BDL	BDL	141	124	9	6	104	25.6	9.7	84	BDL	BDL	1.6	BDL	BDL	0.17	5.8	2.4
3	River Sutej at 100m D/s PACL Nangal	2915	08.06.2022	SW 153	ZO Lab LDH	BDL	BDL	BDL	140	123	8	6	106	26.4	9.7	82	BDL	BDL	1.4	BDL	BDL	0.18	5.2	3.2
4	River River Sutlej atD/s Nangal	1018	08.06.2022	SW 154	ZO Lab LDH	BDL	3	BDL	137	122	9	7	106	27.2	9.2	78	BDL	BDL	1.5	BDL	BDL	0.21	4.9	2.1
5	River River Sutlej at Kiratpur Sahib	1814	10.06.2022	SW 161	ZO Lab LDH	BDL	6	BDL	140	122	8	6	102	26.4	8.7	80	BDL	BDL	1.6	BDL	BDL	0.21	8.9	3.2
6	Ropar Head-Works	1019	10.06.2022	SW 164	ZO Lab LDH	BDL	12	BDL	148	124	8	6	106	28	8.7	84	BDL	BDL	1.4	BDL	BDL	0.24	9.6	3.5
7	River River Sutlej D/S of Rishab-Paper Mills	1293	10.06.2022	SW 165	ZO Lab LDH	BDL	22	14	152	128	10	8	108	28	9.2	74	BDL	BDL	1.5	BDL	BDL	0.22	12.6	3.6
8	River River Sutlej U/S Buddha Nallah	1690	13.06.2022	SW 167	ZO Lab LDH	BDL	55	43	164	137	12	9	120	35.2	7.8	84	BDL	2.8	2.1	3.8	0.26	0.31	25	6.3
9	River River Sutlej at 100 mts D/s after Budha Nallah confluence, Ludhiana	1020	13.06.2022	SW 169	ZO Lab LDH	67	90	57	326	265	63	34	154	38.4	14.1	126	BDL	5.0	2.8	7	1.23	0.32	62	20
10	River River Sutlej at Boat Bridge, Dharamkot Nakodar Road	1021	16.06.2022	SW 172	ZO Lab LDH	23	75	74	312	271	48	29	148	33.6	15.6	128	BDL	2.8	2.2	3.6	0.85	0.28	37	13
11	River River Sutlej at D/s East Bein	1381	16.06.2022	SW 173	ZO Lab LDH	44	85	26	594	476	96	33	228	43.2	29.2	242	BDL	8.5	2.3	12.4	1.20	0.29	77	23
12	River River Sutlej at Harike	1022	16.06.2022	SW 174	ZO Lab LDH	8	60	69	162	143	16	12	104	27.2	8.7	96	BDL	BDL	1.8	BDL	0.21	0.25	20	5.9
13	Harike Lake D/S from canal	1382	21/06/2022	S 348	ZO Lab, Jal	14	20	40	148	114	16	15	85	25	5	98	BDL	1.7	1.1	2.4	0.19	0.18	8.5	3.6
14	D/S Harike lake	1297	21/06/2022	S 347	ZO Lab, Jal	13	16	36	138	110	14	12	104	29	8	92	BDL	1.2	0.9	1.9	0.17	0.15	2.8	3.4
15	U/S Hussainiwala H/W Ferozepur	1691	20.06.2022	SW 177	ZO Lab LDH	BDL	18	12	146	126	15	10	94	25.6	7.3	90	BDL	BDL	1.7	BDL	BDL	0.21	9.5	2.8
16	D/S Hussainiwala H/W Ferozepur	1692	20.06.2022	SW 178	ZO Lab LDH	BDL	20	14	147	127	22	11	96	28	6.3	94	BDL	BDL	1.8	BDL	BDL	0.22	10.6	3.2

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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	10/06/2022	SW 331	ZO Lab, Jal	7.7	7.9	1.1	192	170	39	0.030	0.43	BDL	B	S
18	River Beas at U/S Pathankot	1694	10/06/2022	SW 333	ZO Lab, Jal	7.8	8.2	1.2	235	330	170	0.039	0.31	0.19	B	S
19	River Beas at D/S Pathankot	1695	10/06/2022	SW 334	ZO Lab, Jal	7.9	8.1	1.1	217	490	220	0.045	0.28	0.28	B	S
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	10/06/2022	SW 332	ZO Lab, Jal	8.0	8.2	1.3	246	350	170	0.060	0.38	0.10	B	S
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	16/06/2022	SW 323	ZO Lab, Jal	7.8	8.6	1.2	234	460	230	0.035	0.29	0.34	B	S
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	16/06/2022	SW 324	ZO Lab, Jal	7.6	8.7	BDL	221	310	110	0.030	0.23	0.16	B	S
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	16/06/2022	SW 326	ZO Lab, Jal	8.0	8.1	1.0	219	280	110	0.050	0.09	0.33	B	S
24	River Beas at U/s Goindwal	1696	21/06/2022	SW 344	ZO Lab, Jal	8.0	8.1	BDL	223	220	94	0.040	0.19	0.10	B	S
25	River Beas at D/s Goindwal	1012	21/06/2022	SW 345	ZO Lab, Jal	7.8	8.0	1.1	225	310	110	0.032	0.18	0.20	B	S
26	Beas at Harike	1697	21/06/2022	SW 346	ZO Lab, Jal	7.9	8.2	BDL	230	330	170	0.050	0.15	0.18	B	S

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17	River Beas at Talwara H/W	1693	10/06/2022	SW 331	ZO Lab, Jal	11	10	15	120	92	10	8	83	27	4	84	BDL	1.0	0.8	BDL	0.18	0.13	9.1	2.6
18	River Beas at U/S Pathankot	1694	10/06/2022	SW 333	ZO Lab, Jal	12	10	14	138	112	12	10	90	27	5	86	BDL	1.1	0.6	1.6	0.20	0.14	6.6	2.4
19	River Beas at D/S Pathankot	1695	10/06/2022	SW 334	ZO Lab, Jal	11	BDL	19	132	105	13	10	90	27	6	84	BDL	1.0	0.5	1.5	0.18	0.13	6.1	2.8
20	River Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	10/06/2022	SW 332	ZO Lab, Jal	13	BDL	10	145	118	12	11	93	28	5	88	BDL	1.2	0.7	1.6	0.20	0.14	8.4	2.9
21	River Beas 1 Km D/S effluent discharge point at Mukerian	1294	16/06/2022	SW 323	ZO Lab, Jal	13	14	22	144	114	14	11	95	27	6	90	BDL	1.0	0.6	1.6	0.19	0.15	6.5	3.8
22	River Beas at Bridge, village Bheate Patan Tehsil Batala Distt. Gurdaspur	4164	16/06/2022	SW 324	ZO Lab, Jal	14	BDL	19	146	112	14	12	95	25	8	94	BDL	1.2	0.7	1.7	0.17	0.16	5.2	3.0
23	River Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	16/06/2022	SW 326	ZO Lab, Jal	13	11	24	130	98	13	10	93	28	6	88	BDL	1.0	0.6	1.5	0.18	0.15	2.0	2.9
24	River Beas at U/s Goindwal	1696	21/06/2022	SW 344	ZO Lab, Jal	12	12	18	134	105	10	8	96	28	6	100	BDL	0.8	0.7	BDL	0.12	0.12	4.2	3.9
25	River Beas at D/s Goindwal	1012	21/06/2022	SW 345	ZO Lab, Jal	10	14	24	139	108	10	10	83	26	4	94	BDL	0.9	0.6	1.5	0.12	0.10	3.7	3.6
26	Beas at Harike	1697	21/06/2022	SW 346	ZO Lab, Jal	13	15	32	136	112	14	12	83	27	4	98	BDL	1.1	0.8	1.6	0.14	0.13	3.1	3.2

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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	10/06/2022	SW 330	ZO Lab, Jal	7.6	8.5	1.1	178	140	27	0.020	0.07	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	10/06/2022	SW 330	ZO Lab, Jal	9	12	16	110	86	8	10	80	25	4	79	BDL	0.8	0.6	BDL	BDL	0.10	1.4	1.8

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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	8/6/22	SW 227	H/o Lab Patiala	8.1	5.3	13	631	24000	3300	0.75	2.08	0.39	D	U
2	Ghaggar at Bhankarpur	1295	8/6/22	SW 228	H/o Lab Patiala	7.6	4.0	23	724	35000	5800	0.31	2.07	0.53	D	U
3	Ghaggar at Chattbir	1698	8/6/22	SW 229	H/o Lab Patiala	7.7	3.4	24	782	35000	6300	0.38	2.17	0.59	E	U
4	Ghaggar at U/s Jharmal Nadi	1702	8/6/22	SW 230	H/o Lab Patiala	8.0	3.7	20	668	28000	4600	0.63	1.77	0.54	E	U
5	Ghaggar at D/s Jharmal Nadi	1701	8/6/22	SW 231	H/o Lab Patiala	7.5	3.2	22	763	35000	6300	0.26	2.08	0.58	E	U
6	Ghaggar at U/s Dhakanshu Nallah	1699	8/6/22	SW 233	H/o Lab Patiala	7.8	3.4	20	704	35000	4000	0.44	1.75	0.55	E	U
7	Ghaggar at D/s Dhakanshu Nallah	1700	8/6/22	SW 234	H/o Lab Patiala	7.5	3.0	23	787	35000	7000	0.26	2.12	0.60	E	U
8	Ghaggar at Rattanheri	1473	10/6/22	SW 286	H/o Lab Patiala	7.9	2.8	21	758	35000	6300	0.57	1.93	0.62	E	U
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	10/6/22	SW 287	H/o Lab Patiala	7.6	3.0	20	715	35000	5800	0.31	1.69	0.58	E	U
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	10/6/22	SW 288	H/o Lab Patiala	7.5	2.6	22	783	43000	7000	0.24	1.89	0.64	E	U
11	Ghaggar at Khanauri	1024	10/6/22	SW 291	H/o Lab Patiala	8.0	3.1	19	727	35000	6300	0.62	1.85	0.63	E	U
12	Ghaggar at Moonak	1703	10/6/22	SW 293	H/o Lab Patiala	7.6	3.0	22	788	43000	7900	0.32	2.07	0.65	E	U
13	Ghaggar at U/s Sardulgarh	1705	23/6/22	SW 319	H/o Lab Patiala	7.8	4.7	14	621	24000	3300	0.54	1.88	0.58	D	U
14	Ghaggar at D/s Sardulgarh	1704	23/6/22	SW 320	H/o Lab Patiala	7.7	4.2	15	703	35000	5800	0.36	1.75	0.61	D	U

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1	Ghaggar at Mubarikpur Rest House	1023	8/6/22	SW 227	H/o Lab Patiala	62	470	468	410	349	44	24	186	43	19	247	BDL	11.6	1.3	16.2	1.5	1.3	65	32
2	Ghaggar at Bhankarpur	1295	8/6/22	SW 228	H/o Lab Patiala	94	465	482	469	399	62	27	242	57	24	256	BDL	12.4	1.3	17.4	1.5	1.3	74	38
3	Ghaggar at Chattbir	1698	8/6/22	SW 229	H/o Lab Patiala	98	480	487	508	433	68	31	277	63	29	263	BDL	12.7	1.4	17.8	1.5	1.5	83	41
4	Ghaggar at U/s Jharmal Nadi	1702	8/6/22	SW 230	H/o Lab Patiala	83	440	458	427	363	53	21	219	51	22	251	BDL	12.5	1.4	17.5	1.4	1.4	60	35
5	Ghaggar at D/s Jharmal Nadi	1701	8/6/22	SW 231	H/o Lab Patiala	92	450	463	493	419	62	26	265	60	28	259	BDL	12.8	1.4	17.9	1.5	1.5	78	49
6	Ghaggar at U/s Dhakanshu Nallah	1699	8/6/22	SW 233	H/o Lab Patiala	81	310	312	408	347	61	24	255	59	26	256	BDL	12.6	1.4	17.6	1.5	1.4	64	36
7	Ghaggar at D/s Dhakanshu Nallah	1700	8/6/22	SW 234	H/o Lab Patiala	87	300	329	512	437	64	28	283	62	31	264	BDL	12.9	1.5	18.1	1.5	1.5	82	51
8	Ghaggar at Rattanheri	1473	10/6/22	SW 286	H/o Lab Patiala	85	320	331	493	421	65	27	279	64	29	268	BDL	12.7	1.4	17.8	1.4	1.5	74	38
9	Ghaggar before mixing with Sagar Para drain (U/s sagar para Drain)	4159	10/6/22	SW 287	H/o Lab Patiala	83	290	337	459	392	58	24	255	59	26	265	BDL	12.5	1.4	17.5	1.3	1.4	62	33
10	Ghaggar after mixing with Sagar Para drain (D/s Sagar Para Drain)	4160	10/6/22	SW 288	H/o Lab Patiala	93	280	345	509	434	67	30	297	66	32	272	BDL	12.2	1.5	17.1	1.5	1.5	75	39
11	Ghaggar at Khanauri	1024	10/6/22	SW 291	H/o Lab Patiala	80	290	312	472	403	58	27	263	59	28	263	BDL	12.4	1.4	17.4	1.4	1.4	69	38
12	Ghaggar at Moonak	1703	10/6/22	SW 293	H/o Lab Patiala	88	300	319	512	437	64	30	291	65	31	275	BDL	12.6	1.5	17.6	1.5	1.4	81	40
13	Ghaggar at U/s Sardulgarh	1705	23/6/22	SW 319	H/o Lab Patiala	74	115	121	404	344	48	19	214	49	22	242	BDL	11.9	1.3	16.7	1.5	1.4	63	24
14	Ghaggar at D/s Sardulgarh	1704	23/6/22	SW 320	H/o Lab Patiala	79	120	132	457	389	57	25	260	58	28	258	BDL	12.1	1.4	16.9	1.5	1.4	65	33

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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 μ s/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	17/6/22	SW 300	H.O. Lab Patiala	7.7	BDL	124	4738	430000	140000	0.27	6.86	1.33	E	U
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	17/6/22	SW 301	H.O. Lab Patiala	7.6	BDL	72	1977	280000	94000	0.47	2.86	1.04	E	U
3	Point Source B/N	2914	13.06.2022	SW 168	ZO Lab LDH	7.3	BDL	110	1818	84,00,000	46,00,000	0.232	5.80	0.59	E	U
4	Kali Bein into Beas	2913	07/06/2022	SW 316	ZO Lab, Jal	8.1	6.9	1.9	279	1700	630	0.091	0.70	0.45	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	30/06/2022	SW 361	ZO Lab, Jal	8.0	BDL	210	2120	940000	460000	3.100	7.09	0.49	E	U
7	Hundiara drain before entering Pakistan	2907	30/06/2022	SW 362	ZO Lab, Jal	7.2	BDL	70	1544	460000	210000	0.450	3.83	0.55	E	U
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected													
9	Ranjit Sagar Reservoir	2912	10/06/2022	SW 329	ZO Lab, Jal	7.5	8.4	BDL	157	120	26	0.012	0.05	BDL	B	S
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	8/6/22	SW 235	H.O. Lab Patiala	7.3	BDL	58	1252	210000	70000	0.09	1.86	1.03	E	U
11	Sagar Para Drain at village sagra dist.Patiala	4158	10/6/22	SW289	H.O. Lab Patiala	8.0	1.3	28	1035	120000	11000	0.43	1.86	0.66	E	U
12	Confluence point of sukhana Choe with River Ghaggar,vill.Mubarkpur	4162	8/6/22	SW 239	H.O. Lab Patiala	7.8	BDL	63	1783	430000	140000	0.77	3.12	1.22	E	U
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	10.06.2022	SW 163	ZO Lab LDH	7.8	8.0	BDL	349	630	210	BDL	0.44	0.21	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 June, 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	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	17/6/22	SW 300	H.O. Lab Patiala	487	490	493	3078	2617	632	281	1674	309	219	1078	BDL	9.0	5.9	12.6	5.4	5.5	645	224
2	Tallewal Drain along with Lohgarh – Jalwana Link road near Shri Krishna rice mill Punjab	2909	17/6/22	SW 301	H.O. Lab Patiala	285	300	338	1285	1093	193	94	819	178	91	457	BDL	18.6	2.8	26.0	3.2	2.4	188	198
3	Point Source B/N	2914	13.06.2022	SW 168	ZO Lab LDH	361	180	356	1186	921	338	56	362	45.6	60.3	524	BDL	23.2	4.9	34	11.6	1.22	254	67
4	Kali Bein into Beas	2913	07/06/2022	SW 316	ZO Lab, Jal	16	11	14	172	135	15	12	98	28	7	102	BDL	1.4	0.9	1.9	0.16	0.14	16	2.4
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	30/06/2022	SW 361	ZO Lab, Jal	510	125	365	1210	895	160	124	295	80	23	348	BDL	62	13	70	8.2	0.36	280	27
7	Hundiara drain before entering Pakistan	2907	30/06/2022	SW 362	ZO Lab, Jal	305	82	280	880	680	92	84	250	60	24	365	BDL	45	9	51	7.2	0.28	139	34
8	Pathlawa Drain	2911	Drain was found dried, hence sample could not be collected																					
9	Ranjit Sagar Reservoir	2912	10/06/2022	SW 329	ZO Lab, Jal	8	BDL	3	92	70	8	8	81	24	5	67	BDL	0.6	0.5	BDL	BDL	0.12	BDL	1.8
10	Outlet Of Nadiala Drain into Dhakanshu Nallah, Punjab	2908	8/6/22	SW 235	H.O. Lab Patiala	215	270	263	814	693	113	77	651	142	72	298	BDL	9.1	3.2	12.7	4.6	3.1	109	71
11	Sagar Para Drain at village sagra dist.Patiala	4158	10/6/22	SW289	H.O. Lab Patiala	98	260	248	675	574	82	62	497	85	69	287	BDL	8.5	1.6	11.9	1.5	1.6	95	64
12	Confluence point of sukhana Choe with River Ghaggar, vill.Mubarkpur	4162	8/6/22	SW 239	H.O. Lab Patiala	248	315	327	1159	987	172	106	907	185	108	358	BDL	21.9	4.2	30.1	3.3	3.5	216	102
13	Confluence point of Sarsa Nadi with river River Sutlej	4161	10.06.2022	SW 163	ZO Lab LDH	BDL	23	BDL	204	182	24	17	132	33.6	11.7	92	BDL	BDL	1.6	BDL	BDL	0.23	11.5	3.2

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