

Analysis results of Surface water monitoring under NWMP for the month of July, 2017

S. N.	Point of Sample Collection	Code	pH	Temp. (Air/Water) ^o C	DO mg/l	Cond μ s/Cm	TD S mg/l	FDS mg/l	COD mg/l	BOD mg/l	TSS mg/l	Turb NTU	T.Alkn mg/l	P.Al kn mg/l	TH mg/l	Ca mg/l	Mg mg/l	Cl mg/l	SO ₄ Mg/l	NO ₃ -N mg/l	F mg/l	PO ₄ as P mg/l	AmnN mg/l	TKN mg/l	T.Coli MPN/100ml	F.Coli MPN/100ml	Na mg/l	K mg/l	Boro n mg/l	WQI	DBU
1	River Satluj, U/S Nangal	1017	7.86	32/19	8.0	242	146	128	4.8	BDL	12	4.0	48	BDL	62	16	5.28	18	10	0.6	0.4	0.4	0.6	1.4	400	200	12	2.8	BDL	S	B
2	River Satluj D/S NFL	1380	7.99	30/19	7.9	278	178	130	6.4	BDL	20	6.0	70	BDL	88	20.8	8.64	25	18	1.2	0.6	1.4	1.0	1.8	610	200	24	9.2	BDL	S	C
3	100m D/s PACL Nangal	2915	8.00	30/19	7.8	284	182	134	7.2	BDL	26	6.8	72	BDL	102	24.4	9.84	27	20	1.4	0.5	1.6	1.2	2.0	780	450	26	10.8	0.12	S	C
4	River Satluj D/s Nangal	1018	7.95	30/19	7.9	270	172	144	6.8	BDL	24	5.8	76	BDL	84	22.4	6.72	32	16	0.8	0.8	1.0	0.8	2.0	550	370	28	6.4	BDL	S	C
5	River Satluj at Kiratpur Sahib	1814	7.88	35/25	7.4	308	184	176	7.2	BDL	20	6.0	70	BDL	82	20	7.78	20	12	1.0	0.8	1.2	1.0	1.8	1400	920	22	7.2	BDL	S	C
6	Ropar Head-Works	1019	7.89	34/21	7.9	248	158	129	5.6	BDL	18	5.0	54	BDL	70	16.8	6.72	20	14	0.8	0.4	0.6	0.6	1.6	1000	610	18	3.0	BDL	S	C
7	River Satluj D/S of Rishab-Paper Mills	1293	7.92	34/22	7.8	290	188	176	8.0	BDL	22	5.2	62	BDL	74	18.4	6.80	22	14	1.0	0.6	0.8	1.0	1.6	1200	680	20	5.4	BDL	S	C
8	River Satluj U/S Buddha Nallah	1690	7.51	36/28	7.2	362	232	218	8.0	BDL	17	10	70	BDL	90	22	8.4	30	24	0.8	0.5	0.8	1.0	2.2	2600	1100	23	6.0	0.11	S	C
9	Satluj at 100 mts D/s Budha Nallah confluence Ludhiana	1020	7.33	37/29	3.8	933	619	598	148	43	40	30	150	BDL	160	40	14.4	70	54	2.0	1.0	2.8	3.2	6.6	70000	33000	57	10	0.12	N	E
10	Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	7.27	36/29	6.0	385	241	216	3.2	BDL	19	26	89	BDL	75	18	7.4	23	18	1.2	0.8	1.4	1.4	3.8	49000	33000	41	9	0.11	N	D
11	Satluj at D/s east Bein	1381	7.1	35/24	3.2	390	234	187	40	10	290	38	108	BDL	136	35	11.6	26	24	1.6	0.16	0.30	2.0	3.2	1100	700	41	6.2	0.14	N	E
12	Satluj at harike	1022	7.0	36/24	6.0	260	164	136	18	02	384	34	92	BDL	108	27	9.7	18	12	1.3	0.12	0.13	0.6	1.2	630	330	26	2.5	BDL	S	C
13	Harike Lake D/S from canal	1382	7.3	32/25	6.8	232	139	117	16	1.6	724	64	80	BDL	104	30	6.8	14	10	0.8	0.13	0.11	0.6	0.9	580	250	19	2.2	0.11	S	C
14	D/S Harike	1297	7.5	33/25	7.0	244	146	127	20	1.8	982	74	72	BDL	100	24	9.7	16	10	0.8	0.10	0.12	0.6	0.9	350	170	20	2.3	BDL	S	B
15	U/S Hussainiwala H/W Ferozepur	1691	7.49	37/29	7.2	238	147	136	1.0	BDL	8	8	35	BDL	35	8	3.7	15	12	0.4	0.4	0.6	0.2	1.6	610	370	18	4	BDL	S	C
16	D/S Hussainiwala H/W Ferozepur	1692	7.42	37/28	7.0	260	159	141	1.1	BDL	11	10	41	BDL	40	10	3.7	18	14	0.6	0.6	0.8	0.2	2.0	680	450	21	6	BDL	S	C

Note. 1. BDL means Below Method Detection Limit

2. WQI means Water Quality Index (S means Satisfactory, N means not Satisfactory).

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17	Beas at Talwara H/W	1693	7.2	32/23	7.8	165	99	86	06	BDL	92	16	52	BDL	64	16	5.8	10	10	0.4	BDL	BDL	BDL	BDL	70	46	19	1.9	BDL	S	B
18	Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	7.3	35/25	7.5	227	136	118	12	1.0	785	50	56	BDL	96	24	8.7	10	12	0.8	0.09	0.10	BDL	BDL	110	70	28	2.3	BDL	S	B
19	Beas 1 Km D/S effluent discharge point at Mukerian	1294	7.5	34/24	6.0	247	148	130	18	1.6	840	58	60	BDL	112	32	7.7	10	14	1.2	0.14	0.09	0.3	0.5	350	170	16	1.7	BDL	S	B
20	U/S Pathankot	1694	7.1	30/23	7.4	190	114	105	07	BDL	760	60	52	BDL	80	21	6.8	12	12	1.0	BDL	BDL	BDL	BDL	110	70	15	1.6	BDL	S	B
21	D/S Pathankot	1695	7.0	32/25	7.4	210	126	112	10	1.0	678	48	68	BDL	88	24	6.8	10	10	0.8	BDL	0.08	BDL	BDL	170	94	19	2.0	BDL	S	B
22	Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	7.2	36/25	7.6	224	134	115	12	1.1	830	64	64	BDL	92	22	8.7	12	10	0.8	0.10	0.06	BDL	BDL	170	94	24	2.0	0.11	S	B
23	U/s Goindwal	1696	7.1	35/25	7.6	220	132	113	10	1.0	568	41	68	BDL	100	26	8.7	12	12	1.0	0.12	0.09	BDL	BDL	170	94	22	1.8	0.10	S	B
24	D/s Goindwal	1012	7.4	35/25	7.2	232	144	119	12	1.1	584	56	72	BDL	112	29	9.7	14	10	0.8	0.10	0.08	BDL	BDL	220	110	26	2.3	0.11	S	B
25	Beas at Harike	1697	7.3	35/24	7.6	222	133	114	13	1.2	584	44	64	BDL	108	29	8.7	10	14	0.9	0.08	0.07	BDL	BDL	220	110	14	1.6	0.10	S	B
26	Ravi at U/s of Madhopur H/W	1097	7.4	34/24	8.4	165	99	85	10	0.8	342	36	52	BDL	76	19	6.8	14	10	0.4	BDL	BDL	BDL	BDL	70	46	11	1.5	BDL	S	B
27	Ghaggar at Mubarikpur Rest House	1023	7.9	37/29	4.8	410	250	208	28	04	1852	2400	97	BDL	208	70	08	21	20	0.6	0.21	0.16	1.1	1.6	27000	5600	34	06	BDL	N	D
28	Ghaggar at Bhankarpur	1295	7.3	37/28	3.6	504	307	239	54	11	1365	2000	160	BDL	221	63	15	30	21	1.3	0.22	0.69	7.4	10	31000	6100	38	09	BDL	N	E
29	Ghaggar at Chattbir	1698	7.3	35/27	4.1	432	264	211	42	07	199	440	106	BDL	191	63	08	23	20	0.8	0.30	0.52	5.7	7.6	17000	2600	44	10	BDL	N	D
30	U/s Jharmal Nadi	1702	7.2	34/26	2.8	370	329	260	165	28	1841	1900	169	BDL	177	56	09	74	15	2.8	0.47	0.51	9.0	13.4	24000	4100	77	31	0.12	N	E
31	D/s Jharmal Nadi	1701	7.3	35/27	1.2	903	560	437	316	72	1683	2400	186	BDL	183	59	09	132	28	3.6	0.52	0.97	13.9	18.5	28000	4800	106	50	0.14	N	E
32	U/s Dhakanshu Nallah	1699	7.6	33/25	3.0	725	447	353	72	16	24	35	181	BDL	209	66	11	73	45	1.1	0.34	0.98	1.3	1.8	12000	2100	80	19	0.12	N	E
33	D/s Dhakanshu Nallah	1700	8.2	34/26	3.6	1304	821	640	80	18	64	65	279	BDL	238	65	19	131	79	1.3	0.44	1.12	2.9	3.4	17000	3200	231	61	0.15	N	E
34	Ghaggar at Rattanheri	1473	7.8	33/26	1.5	1533	935	729	54	12	114	156	272	BDL	369	82	40	167	72	1.5	0.71	0.34	13.9	15.6	21000	2700	289	34	0.31	N	E
35	Ghaggar at Khanauri	1024	7.6	34/27	1.4	978	606	479	66	14	73	108	199	BDL	209	60	14	84	41	1.1	0.81	0.88	3.7	4.6	24000	3300	216	27	0.21	N	E
36	Ghaggar at Moonak	1703	7.5	36/28	2.0	871	557	440	55	13	156	160	235	BDL	146	35	14	58	55	0.8	0.83	0.49	3.0	4.2	22000	3100	181	18	0.17	N	E
37	U/s Sardulgarh	1705	7.8	36/32	2.5	598	371	297	36	07	119	240	164	BDL	127	30	12	42	51	0.9	0.65	0.51	2.6	3.0	11000	1400	81	20	0.15	N	E
38	D/s Sardulgarh	1704	7.9	38/33	2.8	654	406	308	40	09	196	380	171	BDL	184	31	26	45	58	1.0	0.67	1.21	2.8	3.6	15000	1700	86	20	0.12	N	E

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