

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

S.N.	Point of Sample Collection	Code	pH	Temp. (Air/Water) ^o C	DO mg/l	Cond μ s/Cm	TDS mg/l	TFS mg/l	COD mg/l	BOD mg/l	TSS mg/l	Turb NTU	T.Alkn mg/l	p.Alkn 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	FColi MPN/100ml	Na mg/l	K mg/l	Boro n mg/l	WQI	DBU
1	River Satluj, U/S Nangal	1017	7.76	20/17	8.2	240	156	128	BDL	BDL	20	4.0	42	BDL	54	38	16	24	18	0.4	0.6	0.4	1.8	3.2	370	180	14.2	2.1	BDL	S	B
2	River Satluj D/S NFL	1380	8.01	21/18	7.8	264	185	146	4.8	BDL	32	7.0	54	BDL	68	42	26	32	24	0.6	0.8	1.4	2.0	3.8	610	200	18.9	2.0	BDL	S	C
3	100m D/s PACL Nangal	2915	7.89	21/17	7.6	258	172	138	6.4	BDL	38	8.0	50	BDL	62	38	24	28	22	0.6	0.7	1.2	1.8	3.4	680	200	21.0	2.3	BDL	S	C
4	River Satluj D/s Nangal	1018	7.82	19/17	7.9	251	158	126	4.0	BDL	30	7.0	44	BDL	56	34	22	22	18	0.8	0.6	0.8	2.0	3.8	560	180	20.8	2.1	BDL	S	C
5	River Satluj at Kiratpur Sahib	1814	7.78	20/18	7.9	246	164	124	8.0	BDL	32	8.0	52	BDL	74	44	30	24	16	0.6	0.8	0.6	1.4	2.2	1000	400	21.2	2.0	BDL	S	C
6	Ropar Head-Works	1019	7.96	20/17	7.6	252	165	134	6.4	BDL	28	8.0	42	BDL	65	40	25	28	14	0.6	0.6	0.4	1.4	2.6	1100	680	24.0	2.2	BDL	S	C
7	River Satluj D/S of Rishab-Paper Mills	1293	8.04	19/16	7.4	258	184	142	8	BDL	34	10.0	48	BDL	72	44	28	32	18	1.0	0.8	1.2	2.4	3.8	1000	610	26.1	2.3	BDL	S	C
8	River Satluj U/S Buddha Nallah	1690	7.48	20/18	6.8	421	270	252	16	2.0	32	4.0	60	BDL	92	56	36	36	30	0.8	1.0	1.2	1.4	2.2	2700	1400	32.0	7.4	0.12	S	C
9	Satluj at 100 mts D/s Budha Nallah confluence Ludhiana	1020	7.28	20/19	3.2	1420	912	890	272	103	66	38.0	170	BDL	182	110	72	90	68	1.6	1.4	2.2	4.2	7.4	63000	31000	72.0	19.2	0.17	N	E
10	Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	7.25	19/17	6.0	572	368	352	60	18	29	22.0	115	BDL	136	78	58	56	40	1.2	1.0	1.4	2.0	3.4	58000	23000	60.2	12.7	0.10	N	D
11	Satluj at D/s east Bein	1381	7.3	18/21	1.4	624	374	228	48	8.2	124	76	156	BDL	156	48	8.7	36	40	2.2	0.18	2.0	11.2	16.9	1400	460	115	3.6	0.22	N	E
12	Satluj at harike	1022	7.1	19/21	5.8	398	239	182	26	2.6	108	44	124	BDL	148	43	9.7	24	28	2.6	0.10	1.2	1.6	2.7	630	260	20	1.8	BDL	S	C
13	Harike Lake D/S from canal	1382	7.2	19/22	7.2	336	202	164	18	1.3	96	38	128	BDL	116	34	7.7	18	20	2.0	0.16	1.0	1.8	3.0	220	110	18	1.5	BDL	S	B
14	D/S Harike	1297	7.4	19/21	7.1	344	206	169	16	1.3	78	36	116	BDL	124	35	8.7	20	28	1.0	0.12	1.4	1.7	2.6	280	170	13	1.0	BDL	S	B
15	U/S Hussainiwala H/W Ferozepur	1691	7.41	20/18	7.2	302	192	180	8	BDL	17	16.0	60	BDL	64	38	26	20	15	0.6	0.6	1.4	1.2	1.8	1100	680	16.0	1.8	BDL	S	C
16	D/S Hussainiwala H/W Ferozepur	1692	7.52	20/18	7.0	318	204	186	10	BDL	20	18.0	64	BDL	70	44	26	22	16	0.6	0.8	1.6	1.2	2.0	1000	610	20.0	2.0	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	7.4	18/20	7.4	202	121	99	BDL	BDL	12	12	48	BDL	88	26	5.8	16	16	0.8	BD L	BDL	BDL	BDL	110	70	21	1.7	BD L	S	B
18	Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	7.2	18/21	7.2	232	139	111	16	1.2	48	32	56	BDL	112	37	4.8	14	14	1.4	0.12	0.6	0.8	1.4	210	84	25	2.0	0.11	S	B
19	Beas 1 Km D/S effluent discharge point at Mukerian	1294	7.3	18/21	6.2	308	185	155	24	2.4	92	50	92	BDL	116	35	6.8	18	20	1.6	0.08	1.4	1.2	1.6	580	250	16	1.5	0.12	S	C
20	U/S Pathankot	1694	7.0	18/20	7.2	268	162	131	12	1.0	118	52	100	BDL	104	29	7.7	12	10	1.3	0.14	0.6	BDL	BDL	170	70	19	1.8	BDL	S	B
21	D/S Pathankot	1695	7.1	18/20	7.1	262	157	126	16	1.2	136	48	84	BDL	108	29	8.7	16	12	1.4	0.16	0.4	0.8	1.2	220	110	27	2.2	BDL	S	B
22	Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	7.3	18/21	7.4	276	166	134	20	1.6	120	40	80	BDL	120	37	6.8	20	18	1.8	0.14	0.2	1.0	1.5	210	84	21	1.3	0.12	S	B
23	U/s Goindwal	1696	7.6	19/21	7.2	284	170	138	18	1.3	90	34	88	BDL	128	42	5.8	18	16	1.0	0.12	0.6	0.8	1.4	220	110	20	1.2	0.10	S	B
24	D/s Goindwal	1012	7.1	19/22	7.0	274	164	134	16	1.2	104	30	96	BDL	124	38	6.8	16	18	1.4	0.14	0.8	0.6	1.1	220	110	18	1.0	0.11	S	B
25	Beas at Harike	1697	7.2	18/20	7.5	278	168	128	14	1.1	106	38	100	BDL	132	40	7.7	18	16	1.8	0.16	0.6	0.8	1.7	220	110	11	0.9	BDL	S	B
26	Ravi at U/s of Madhopur H/W	1097	7.5	18/19	7.1	136	82	70	14	BDL	BD L	1.2	40	BDL	48	14	2.9	12	14	0.6	BDL	BDL	BDL	BDL	94	43	8	0.8	BDL	S	B
27	Ghaggar at Mubarikpur Rest House	1023	8.2	22/17	4.3	516	326	287	22	4.0	860	2515	224	BDL	261	59	28	28	24	0.05	1.1	BDL	0.5	0.8	13000	2100	17	1.5	BDL	N	D
28	Ghaggar at Bhankarpur	1295	7.7	22/16	3.2	675	421	341	46	9.6	600	1745	255	BDL	293	70	29	53	32	0.07	1.1	0.16	3.1	3.6	22000	3200	19	1.6	BDL	N	E
29	Ghaggar at Chattbir	1698	7.5	23/19	3.4	619	384	322	32	6.8	223	365	238	BDL	256	61	25	49	26	0.27	0.7	0.07	2.4	2.9	21000	2700	32	2.0	BDL	N	E
30	U/s Jharmal Nadi	1702	7.6	23/16	2.6	715	443	363	56	14	144	238	303	BDL	252	63	23	55	27	0.09	0.7	0.13	5.8	7.0	15000	2200	40	1.9	BDL	N	E
31	D/s Jharmal Nadi	1701	7.5	24/18	2.0	787	498	390	84	26	172	310	317	BDL	263	65	24	83	38	0.05	0.9	0.13	7.4	8.6	24000	3300	44	2.5	0.10	N	E
32	U/s Dhakanshu Nallah	1699	7.3	21/16	2.2	813	504	402	48	12	84	126	313	BDL	234	62	19	80	52	0.07	0.9	0.16	6.2	7.8	22000	3100	52	2.0	0.12	N	E
33	D/s Dhakanshu Nallah	1700	7.5	20/15	1.8	876	543	435	64	17	92	288	345	BDL	252	70	19	95	67	0.05	0.8	0.20	7.2	8.4	13000	1500	39	3.4	0.11	N	E
34	Ghaggar at Rattanheri	1473	7.7	18/15	1.4	915	558	446	124	32	108	106	358	BDL	260	54	30	86	61	0.05	1.1	0.23	8.4	10.6	24000	3400	51	3.0	0.12	N	E
35	Ghaggar at Khanauri	1024	7.6	17/14	1.2	724	449	364	108	28	96	46	269	BDL	244	40	35	78	58	0.09	0.8	0.16	9.2	11.0	17000	2600	33	2.0	0.11	N	E
36	Ghaggar at Moonak	1703	7.8	18/14	1.6	740	466	377	88	22	71	92	246	BDL	273	56	33	70	78	0.72	0.7	0.13	7.6	8.8	14000	1700	39	3.1	0.15	N	E
37	U/s Sardulgarh	1705	7.7	22/19	1.8	722	448	367	64	16	42	50	228	BDL	197	45	21	81	70	0.86	1.9	0.13	5.8	7.1	17000	2100	44	3.3	0.16	N	E
38	D/s Sardulgarh	1704	8.3	24/20	1.6	735	455	374	80	24	45	67	263	BDL	204	50	19	85	79	0.56	0.7	0.13	6.0	7.4	28000	3300	49	3.5	0.18	N	E

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