

## Analysis results of Surface water monitoring under NWMP for the month of February, 2018

S. N.	Point of Sample Collection	Code	pH	Temp. (Air/Water) <sup>o</sup> C	DO mg/l	Cond $\mu$ s/Cm	TD S mg/l	FDS mg/l	COD mg/l	BOD mg/l	TSS mg/l	Turb NTU	T.Alk n mg/l	P.Alk n mg/l	TH mg/l	Ca mg/l	Mg mg/l	Cl mg/l	SO <sub>4</sub> Mg/l	NO <sub>3</sub> -N mg/l	F mg/l	PO <sub>4</sub> 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	8.06	17/16	8.0	260	176	154	4.8	BDL	12	4	42	BDL	52	12	5.28	12	8	0.4	0.3	0.4	0.6	1.2	210	78	16	2.8	BDL	S	B
2	River Satluj D/S NFL	1380	8.18	20/18	7.6	308	222	210	8.0	BDL	22	5	48	BDL	54	12	5.76	18	14	0.6	0.4	0.6	1.2	2.0	390	140	20	4.2	BDL	S	B
3	100m D/s PACL Nangal	2915	8.20	20/18	7.6	362	240	228	9.6	BDL	18	6	52	BDL	56	14.4	4.8	20	16	0.6	0.4	0.8	1.0	2.2	410	140	22	4.6	0.16	S	B
4	River Satluj D/s Nangal	1018	8.04	17/17	7.7	265	190	168	6.4	BDL	16	4	44	BDL	52	12.8	4.8	14	12	0.4	0.3	0.4	1.0	1.8	330	110	18	3.8	BDL	S	B
5	River Satluj at Kiratpur Sahib	1814	8.01	19/16	7.5	320	200	192	8.0	BDL	14	6	60	BDL	64	16	5.83	24	16	0.4	0.4	0.8	1.0	2.0	490	140	28	7.4	BDL	S	B
6	Ropar Head-Works	1019	7.94	15/15	7.9	316	204	189	5.3	BDL	11	5	52	BDL	58	14.4	5.28	22	16	0.4	0.4	0.6	1.0	2.4	630	170	23	5.8	BDL	S	C
7	River Satluj D/S of Rishab-Paper Mills	1293	7.86	15/15	7.8	332	216	204	6.4	BDL	13	6	64	BDL	66	16	6.24	26	18	0.6	0.4	0.6	1.2	2.6	630	210	25	6.6	BDL	S	C
8	River Satluj U/S Buddha Nallah	1690	7.80	23/17	6.4	510	270	258	11.2	BDL	16	9	72	BDL	84	20.8	7.78	30	20	0.8	0.6	0.8	1.4	3.0	1700	680	32	8.2	0.18	S	C
9	Satluj at 100 mts D/s Budha Nallah confluence Ludhiana	1020	7.25	22/20	1.8	1672	1122	1102	352	85	84	82	156	BDL	184	44	17.76	162	146	6.0	2.0	2.8	14	3.8	3,90,000	2,40,000	180	46	0.24	N	E
10	Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	7.82	26/27	3.0	1128	682	660	136	33	50	46	114	BDL	152	37.6	14.09	72	48	3.0	1.2	1.8	8.0	20	1,10,000	31000	80	22	0.15	N	E
11	Satluj at D/s east Bein	1381	7.5	21/17	BDL	661	416	328	78	18	92	16	218	BDL	215	58	18	50	48	1.5	0.16	0.36	6.6	10.4	17000	11000	42	4.3	0.39	N	E
12	Satluj at harike	1022	7.6	23/17	4.4	398	224	186	36	4.2	36	8	118	BDL	138	38	12	24	18	1.3	0.12	0.18	1.6	1.8	13000	7900	22	2.8	BDL	N	D
13	Harike Lake D/S from canal	1382	7.7	22/16	7.1	247	172	142	20	2.1	26	2	96	BDL	106	26	8	16	16	1.1	0.10	0.16	1.0	1.6	630	330	31	4.2	0.11	S	C
14	D/S Harike	1297	7.8	22/17	7.0	262	188	152	22	2.3	20	6	92	BDL	116	32	9.6	20	16	1.2	0.15	0.14	1.1	1.8	630	330	26	2.2	BDL	S	C
15	U/S Hussainiwala H/W Ferozepur	1691	8.02	25/27	7.2	348	218	208	8.0	BDL	15	9	56	BDL	58	13.6	5.83	26	16	0.4	0.4	1.0	1.0	2.0	1100	200	22	7.4	BDL	S	C
16	D/S Hussainiwala H/W Ferozepur	1692	8.10	25/26	7.0	364	229	220	9.6	BDL	16	10	60	BDL	64	15.2	6.32	128	18	0.6	0.4	1.0	1.2	2.2	1200	200	24	8.0	BDL	S	C

**Note. 1. BDL means Below Method Detection Limit**

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17	Beas at Talwara H/W	1693	7.8	18/15	8.1	218	143	126	10	BDL	10	2	48	BDL	70	16	7	14	10	0.6	0.10	BDL	BDL	BDL	84	46	31	3.6	BDL	S	B
18	Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	7.6	18/16	7.4	223	154	127	16	1.2	22	4	72	BDL	94	24	8	12	10	1.0	0.13	BDL	BDL	BDL	110	70	38	4.0	0.08	S	B
19	Beas 1 Km D/S effluent discharge point at Mukerian	1294	7.7	18/16	6.9	256	164	134	28	2.5	38	6	76	BDL	134	36	12	10	12	1.4	0.11	BDL	BDL	BDL	280	130	24	2.3	0.11	S	B
20	U/S Pathankot	1694	7.6	17/15	7.9	230	144	128	16	1.1	24	4	52	BDL	98	24	8	12	12	1.2	0.12	BDL	BDL	BDL	140	79	27	2.7	BDL	S	B
21	D/S Pathankot	1695	7.7	18/16	7.5	240	152	136	18	1.4	26	6	60	BDL	90	22	8	14	16	1.0	0.12	BDL	BDL	BDL	170	110	30	3.0	0.08	S	B
22	Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	7.4	23/18	7.7	230	148	132	14	1.2	38	10	64	BDL	106	24	10	16	12	1.0	0.13	0.12	BDL	BDL	220	110	28	3.1	BDL	S	B
23	U/s Goindwal	1696	7.2	22/19	7.8	236	150	134	16	1.3	26	4	78	BDL	112	30	8.6	14	12	1.4	0.10	0.11	BDL	BDL	170	79	23	2.4	0.18	S	B
24	D/s Goindwal	1012	7.2	23/19	7.4	240	152	136	18	1.5	32	6	68	BDL	132	34	12.4	12	10	1.4	0.11	0.18	BDL	BDL	220	110	38	3.8	0.12	S	B
25	Beas at Harike	1697	7.8	22/17	8.0	238	160	142	16	1.2	24	5	88	BDL	148	36	12.0	18	16	1.2	0.13	0.14	BDL	BDL	220	110	22	2.9	0.13	S	B
26	Ravi at U/s of Madhopur H/W	1097	7.8	18/16	7.2	196	118	102	14	1.0	10	02	52	BDL	60	18	4.1	12	16	0.8	BDL	BDL	BDL	BDL	70	46	20	2.2	BDL	S	B
27	Ghaggar at Mubarikpur Rest House	1023	8.2	22/16	4.1	740	458	372	52	9.0	2914	550	273	BDL	402	150	6	30	28	0.63	0.19	1.4	7.2	9.4	21000	3200	41	5	BDL	N	D
28	Ghaggar at Bhankepur	1295	7.8	24/17	2.7	944	576	449	93	18	1232	600	282	BDL	546	139	48	55	33	0.81	0.25	1.5	11.5	15.0	24000	3300	68	12	BDL	N	E
29	Ghaggar at Chattbir	1698	7.5	25/17	3.7	868	540	432	54	10	235	350	280	BDL	523	158	31	44	30	0.76	0.20	1.4	7.8	10.1	15000	1700	61	10	0.16	N	E
30	U/s Jharmal Nadi	1702	7.6	20/16	1.3	1104	681	524	157	39	1092	850	397	BDL	562	157	41	69	30	0.9	0.21	1.6	13.6	17.7	24000	3400	74	16	0.19	N	E
31	D/s Jharmal Nadi	1701	7.7	18/15	1.1	1350	824	626	212	50	856	800	410	BDL	564	189	22	132	46	1.2	0.25	2.0	15.3	19.9	28000	3900	102	26	0.25	N	E
32	U/s Dhakanshu Nallah	1699	7.6	21/18	2.2	1185	742	608	88	17	68	110	397	BDL	473	149	25	115	31	0.72	0.28	1.1	10.5	13.6	14000	1700	100	27	0.18	N	E
33	D/s Dhakanshu Nallah	1700	7.6	22/18	1.8	1307	797	640	111	22	88	130	400	BDL	541	141	46	122	38	0.80	0.34	1.4	12.1	15.7	17000	2100	106	32	0.28	N	E
34	Ghaggar at Rattanheri	1473	7.6	19/16	BDL	1882	1185	906	270	58	141	180	513	BDL	770	227	40	169	87	1.3	0.42	1.6	28.6	37.1	35000	8400	202	65	BDL	N	E
35	Ghaggar at Khanauri	1024	7.8	20/16	BDL	2001	1240	967	223	50	47	75	505	BDL	832	256	47	145	76	1.1	0.44	1.3	19.4	25.2	43000	11000	265	46	BDL	N	E
36	Ghaggar at Moonak	1703	8.0	22/17	BDL	1775	1098	856	175	44	31	60	503	BDL	632	178	47	134	71	1.1	0.42	1.2	18.2	23.6	28000	4700	230	45	0.13	N	E
37	U/s Sardulgarh	1705	7.8	24/18	1.7	1390	852	682	105	20	23	25	443	BDL	558	140	51	115	53	0.8	0.37	1.1	21.2	27.5	21000	3100	116	37	0.22	N	E
38	D/s Sardulgarh	1704	7.7	25/19	1.4	1435	889	701	110	22	28	40	453	BDL	582	160	44	117	69	1.0	0.38	1.1	21.7	28.2	24000	4100	117	37	0.30	N	E

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