

Analysis results of Surface water monitoring under NWMP for the month of May, 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	7.68	41/24	8.0	292	162	146	BDL	BDL	8	6	52	BDL	60	16.8	4.32	19	12	0.4	0.2	0.6	0.4	1.6	450	200	18	3.2	BDL	S	B
2	River Satluj D/S NFL	1380	7.84	38/28	7.7	304	212	192	3.2	BDL	18	9	70	BDL	94	23.2	8.64	28	20	1.0	0.6	1.2	0.8	1.8	810	600	27	8.4	BDL	S	C
3	100m D/s PACL Nangal	2915	7.88	37/30	7.6	368	238	212	4.8	BDL	22	12	88	BDL	108	27.2	25.6	32	24	1.0	0.6	1.4	2.0	0.8	910	680	22	12.8	BDL	S	C
4	River Satluj D/s Nangal	1018	7.89	38/26	7.8	314	196	167	BDL	BDL	14	8	64	BDL	102	25.6	9.1	27	16	0.6	0.4	0.8	2.0	0.6	600	400	23	5.2	BDL	S	C
5	River Satluj at Kiratpur Sahib	1814	7.88	39/23	7.3	402	248	230	6.0	BDL	18	10	68	BDL	96	24	8.75	28	20	1.4	0.6	1.6	1.4	3.6	2400	1400	28	3.2	BDL	S	C
6	Ropar Head-Works	1019	7.65	34/22	7.6	360	220	204	8.0	BDL	21	9	60	BDL	80	18.4	8.26	26	18	1.0	0.6	1.0	1.0	1.8	1200	400	26	3.0	BDL	S	C
7	River Satluj D/S of Rishab-Paper Mills	1293	7.40	34/22	7.4	372	232	216	10.0	BDL	20	12	58	BDL	84	19.2	8.75	30	19	0.8	0.8	0.8	1.0	1.6	1500	830	27	2.8	BDL	S	C
8	River Satluj U/S Buddha Nallah	1690	7.27	42/30	7.2	492	308	289	12	1.0	18	9.0	60	BDL	80	22	6.0	30	26	0.6	0.4	0.8	1.0	2.0	3800	1700	30.2	3.6	0.14	S	C
9	Satluj at 100 mts D/s Budha Nallah confluence Ludhiana	1020	7.24	43/32	3.2	936	642	626	112	30	48	28	110	BDL	150	36	14.4	80	68	2.2	1.4	2.0	3.2	6.8	70000	49000	80.6	18.8	0.19	N	E
10	Satluj at Boat Bridge, Dharamkot Nakodar Road	1021	7.38	43/32	6.0	716	461	442	56	19	22	16	80	BDL	100	28	7.20	50	38	1.4	1.0	1.4	2.4	5.0	63000	26000	56.9	13.1	0.10	N	D
11	Satluj at D/s east Bein	1381	7.3	39/28	BDL	654	392	294	40	11	92	36	188	BDL	164	48	10.6	32	36	1.9	0.10	0.9	4.0	9.2	1100	700	39	4.92	BDL	N	E
12	Satluj at harike	1022	7.0	40/26	4.8	404	242	184	24	2.8	68	28	128	BDL	112	32	7.7	28	30	2.4	0.16	0.33	1.8	2.6	940	630	19	2.11	BDL	S	C
13	Harike Lake D/S from canal	1382	7.1	39/27	6.2	370	222	180	22	2.0	64	27	140	BDL	116	35	6.8	20	18	1.8	0.18	0.20	1.0	1.6	790	330	15	2.17	BDL	S	C
14	D/S Harike	1297	7.3	39/26	6.4	374	224	186	20	1.8	56	26	124	BDL	108	29	8.7	18	28	1.2	0.16	0.24	1.1	1.9	460	210	16	2.24	BDL	S	B
15	U/S Hussainiwala H/W Ferozepur	1691	8.17	40/30	7.0	323	206	197	2.2	0.2	7	12	48	BDL	40	10	3.6	16	11	0.6	0.4	0.8	0.6	1.8	1700	920	21	3	BDL	S	C
16	D/S Hussainiwala H/W Ferozepur	1692	7.87	40/31	6.9	341	221	204	2.3	0.3	9	14	54	BDL	45	12	3.6	20	13	0.6	0.6	1.0	0.6	2.0	2100	1100	24	5	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	39/27	7.9	260	160	135	BDL	BDL	14	07	60	BDL	92	27	5.8	14	16	0.6	BDL	BDL	BDL	BDL	110	70	14	1.5	BDL	S	B
18	Beas at Mirthal Bridge Gurdaspur (Pb.)	1010	7.0	39/26	7.6	288	170	140	12	1.2	22	14	68	BDL	124	37	7.7	16	18	1.2	0.10	0.20	0.18	0.98	140	70	18	2.6	BDL	S	B
19	Beas 1 Km D/S effluent discharge point at Mukerian	1294	7.3	39/27	5.3	348	208	138	18	2.0	48	20	92	BDL	128	40	6.8	10	14	1.4	0.14	0.32	0.6	1.4	460	210	21	2.9	BDL	S	B
20	U/S Pathankot	1694	7.1	40/28	7.5	280	170	140	BDL	BDL	52	34	104	BDL	116	34	7.7	18	12	1.0	BDL	0.11	BDL	BDL	110	70	17	4.2	BDL	S	B
21	D/S Pathankot	1695	7.0	40/27	7.6	290	176	146	10	1.0	98	30	96	BDL	112	30	8.7	16	14	1.2	0.12	0.14	BDL	BDL	170	94	19	4.4	BDL	S	B
22	Beas at G.T. Road, under Bridge Near Kapurthalla (Pb)	1011	7.2	39/26	7.9	296	178	148	12	1.1	78	20	84	BDL	108	29	8.7	12	16	1.6	0.16	0.16	0.4	0.6	210	110	24	2.93	BDL	S	B
23	U/s Goindwal	1696	7.3	39/26	7.6	304	182	152	14	1.2	52	18	100	BDL	132	37	9.7	16	10	1.0	0.14	0.18	0.30	0.50	220	110	21	2.22	BDL	S	B
24	D/s Goindwal	1012	7.4	40/27	7.8	314	188	154	16	1.3	96	36	108	BDL	136	37	10.6	18	16	1.3	0.16	0.14	0.40	0.70	220	110	26	2.39	BDL	S	B
25	Beas at Harike	1697	7.1	41/26	7.5	318	190	156	14	1.2	42	22	116	BDL	128	35	9.7	14	18	1.5	0.12	0.16	0.28	0.50	210	94	17	2.48	BDL	S	B
26	Ravi at U/s of Madhopur H/W	1097	7.4	39/27	7.4	148	117	99	16	1.5	16	1.8	52	BDL	76	18	7.7	14	14	0.8	BDL	BDL	BDL	BDL	170	94	7	1.1	BDL	S	B
27	Ghaggar at Mubarikpur Rest House	1023	7.8	31/25	4.9	508	315	258	46	8	2400	800	159	BDL	216	56	18	35	39	1.38	0.22	0.29	1.1	1.6	17000	3100	29	9.5	BDL	N	D
28	Ghaggar at Bhankarpur	1295	7.6	31/24	3.8	642	405	316	76	15	880	240	190	BDL	290	71	28	57	52	0.28	0.26	1.33	1.8	2.5	22000	3400	35	10.2	BDL	N	E
29	Ghaggar at Chattbir	1698	7.6	32/26	4.1	586	352	282	56	10	177	180	180	BDL	257	73	18	48	42	0.89	0.29	0.94	1.5	2.2	17000	2700	51	11.5	0.13	N	D
30	U/s Jharmal Nadi	1702	7.7	30/23	3.2	638	401	317	70	12	121	160	182	BDL	276	70	25	59	44	0.40	0.27	1.58	2.6	3.9	14000	2100	39	12.4	0.15	N	E
31	D/s Jharmal Nadi	1701	7.8	30/24	2.3	869	539	419	96	21	127	220	257	BDL	302	83	23	99	57	1.33	0.31	1.46	4.6	6.6	21000	3200	58	17.2	0.19	N	E
32	U/s Dhakanshu Nallah	1699	7.9	28/21	2.7	722	441	348	58	14	35	50	178	BDL	295	77	25	101	38	1.21	0.35	1.54	2.8	3.5	21000	2600	42	10.6	0.18	N	E
33	D/s Dhakanshu Nallah	1700	8.0	29/22	2.5	766	483	376	62	15	24	35	186	BDL	270	69	24	97	56	1.26	0.39	1.99	3.0	3.7	24000	3400	61	12.8	0.19	N	E
34	Ghaggar at Rattanheri	1473	8.0	36/27.5	2.1	1045	648	505	70	16	59	80	304	BDL	305	72	30	152	82	0.92	0.54	2.27	5.2	7.5	21000	3300	55	11.6	BDL	N	E
35	Ghaggar at Khanauri	1024	8.0	38/28	1.6	1080	670	536	135	30	17	22	354	BDL	308	75	29	161	77	1.04	0.50	2.14	6.4	8.6	24000	3300	52	11.3	BDL	N	E
36	Ghaggar at Moonak	1703	8.1	39/28.5	1.7	944	576	461	82	17	11	23	219	BDL	269	60	29	145	73	1.05	0.53	1.94	5.8	7.8	15000	2600	69	12.5	BDL	N	E
37	U/s Sardulgarh	1705	7.9	36/31	1.6	1231	788	670	123	26	36	29	342	BDL	321	74	33	197	118	0.77	0.62	1.24	6.0	8.3	21000	3200	83	16.5	0.15	N	E
38	D/s Sardulgarh	1704	7.8	37/33	1.5	1328	850	722	127	28	30	26	373	BDL	342	80	34	192	143	0.75	0.64	1.43	6.8	9.2	24000	4900	88	16.2	0.17	N	E

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