

Water Quality of Major Rivers of Himachal Pradesh monitored under MINARS Programme during 2024-25														
ANNEXURE-4A														
Sr.No.	Name of location	Parameters	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	River Andhra before confluence to Pabbar at Chirgaon	pH	7.74	7.74	7.98	8.01	7.52	7.64	7.85	7.84	8.11	8.33	7.86	7.70
		D.O mg/l	7.9	7.9	8	7.9	8.0	7.4	7.6	7.8	7.8	7.9	7.9	7.8
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	110	350	220	220	350	350	170	220	350	280	110	110
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
2	Lift Nallah before confluence to Ashwani Khad near Dogrha Bridge	pH	7.92	7.79	8.18	8.10	7.88	7.03	7.55	7.81	8.09	8.12	7.61	8.07
		D.O mg/l	5.6	5.1	6.3	6.3	7.0	6.6	7.2	7.3	7.3	7.4	7.4	7.8
		BOD mg/l	7.8	6.8	6.6	5.2	4.8	2.6	2.4	2.4	2.4	1.8	2.2	1.8
		T.C. MPN /100ml	1600	1600	1600	9300	1600	1600	1600	1600	1600	350	920	1600
		Classification	D	D	D	D	D	C	C	C	C	B	C	C
3	Ashwani Khad U/S of weir site of WTP near Ashwani Bridge	pH	7.91	7.62	8.18	8.09	8.04	7.89	7.93	7.76	7.91	8.16	7.80	7.38
		D.O mg/l	6.9	7.5	7.2	6.2	7.1	7.5	7.8	7.9	7.9	7.8	7.6	7.8
		BOD mg/l	3.8	3.2	2.8	4.8	3.4	2.4	2.0	1.7	2.0	1.0	1.0	1.2
		T.C. MPN /100ml	920	1600	280	6100	1600	1600	1600	1600	540	1600	220	1600
		Classification	D	D	C	D	D	C	C	C	B	C	B	C
4	Ashwani Khad after confluence of Lift Nallah near Dogrha Bridge	pH	7.91	7.65	8.9	8.03	7.96	7.85	7.37	7.88	8.11	8.18	7.60	7.85
		D.O mg/l	5.6	6.4	6.3	6.3	7.2	7.1	7.4	7.5	7.5	7.9	7.4	7.8
		BOD mg/l	6.2	6.2	5.2	6.4	5.4	2.9	2.2	2.1	2.2	1.2	1.2	1.4
		T.C. MPN /100ml	1600	1600	1600	6800	1600	1600	1600	1600	920	1600	920	1600
		Classification	D	D	D	D	D	C	C	C	C	C	C	C
5	Raw water for LWSS of Churat Nallah	pH	8.01	8.04	8.13	8.17	8.09	7.57	7.87	8.04	8.13	8.30	7.80	7.93
		D.O mg/l	8.2	8.2	8.3	8.0	8.1	8.1	8.2	8.2	8.1	8.1	8.0	8.1
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	14	920	220	920	220	920	280	920	170	920	94	920

		Classification	A	C	B	C	B	C	B	C	B	C	B	C
6	Raw water for LWSS of Jagroti Nallah	pH	8.02	7.93	8.18	8.06	7.95	7.86	7.82	7.90	8.08	7.85	7.75	7.77
		D.O mg/l	8.3	8.3	8.2	8.1	8.0	8.2	8.1	8.1	8.2	8.0	8.1	8.0
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	47	1600	920	350	540	1600	540	1600	350	920	49	920
		Classification	A	C	C	B	C	C	C	C	B	C	A	C
7	Raw water for LWSS of Nauti Khad at Gumma (Basantpur)	pH	8.34	8.24	8.14	8.13	7.88	7.43	7.25	7.92	8.33	8.13	7.37	7.45
		D.O mg/l	8	8	8	8.1	8.0	7.8	7.9	7.9	8.0	7.9	7.8	7.9
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	26	280	920	530	350	1600	920	920	47	350	39	350
		Classification	A	B	C	C	B	C	C	C	A	B	A	B
8	Sainj Nallah (U/S Sainj water supply scheme at Dargi)	pH	8.35	8.24	8.23	8.28	8.02	7.46	7.49	8.05	8.33	8.12	7.54	7.59
		D.O mg/l	7.9	7.9	7.8	7.6	7.8	7.4	7.8	7.8	7.9	7.8	7.6	7.8
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	220	1600	94	350	540	1600	350	1600	70	140	94	1600
		Classification	B	C	B	B	C	C	B	C	B	B	B	C
9	Dhaneshar Nallah (U/S Sainj water supply scheme) near Gyasi Mata Mandir	pH	8.3	8.36	8.58	8.21	7.77	7.53	7.58	8.03	8.34	8.39	7.67	7.60
		D.O mg/l	7.9	7.8	7.6	7.8	7.9	7.3	7.8	7.8	7.0	7.8	7.6	7.8
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	14	920	220	920	920	1600	540	1600	280	920	170	1600
		Classification	A	C	E	C	C	C	C	C	B	C	B	C
10	River Pabbar at U/S Dhambari	pH	8.26	8.17	8.21	8.72	7.74	7.39	7.66	7.29	7.91	7.82	8.01	7.29
		D.O mg/l	8	8.2	8.7	8.6	8.1	8.0	8.1	8.1	8.1	8.1	8.0	8.0
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	33	350	39	540	540	1600	110	170	39	220	47	350
		Classification	A	B	A	C	C	C	B	B	A	B	A	B
11	River	pH	8.22	7.86	8.13	8.14	7.58	7.53	7.75	7.48	7.58	7.42	7.85	7.43

[illegible]

		T.C. MPN /100ml	70	350	33	280	350	94	70	350	220	280	280	280
		Classification	B	B	A	B	B	B	B	B	B	B	B	B
17	River Gori U/S LWSS at Sainj	pH	8.26	8.2	8.19	8.10	7.50	7.82	7.82	7.51	8.17	7.92	7.59	7.79
		D.O mg/l	7.6	7.4	8.1	8.2	7.9	7.4	7.6	7.9	7.8	7.9	7.8	7.8
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	40	920	70	220	350	49	170	350	540	540	350	110
		Classification	A	C	B	B	B	A	B	B	C	C	B	B
18	River Gori D/S LWSS at Sainj	pH	8.16	8.27	8.28	7.94	7.57	7.79	7.97	7.64	8.10	7.86	7.82	7.35
		D.O mg/l	7.9	7.3	8.1	8.0	8.0	7.5	7.7	7.8	7.9	7.8	7.8	7.8
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	540	920	1600	1600	920	140	540	280	1600	280	920	220
		Classification	C	C	C	C	C	B	C	B	C	B	C	B
19	River Gori at Kotkhai	pH	8.21	7.8	8.05	8.02	7.37	7.69	7.67	7.81	8.13	8.03	7.74	8.08
		D.O mg/l	8.1	8	7.6	8.1	7.5	7.6	7.9	7.9	8.0	8.1	7.9	7.9
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	17	920	94	350	540	920	94	540	350	350	94	94
		Classification	A	C	B	B	C	C	B	C	B	B	B	B
20	River Satluj before conf. with River Spiti at Khab	pH	8.26	8.13	8.38	8.18	8.18	8.08	8.16	7.82	7.99	8.28	7.73	8.21
		D.O mg/l	9.4	9.3	9.4	9.1	9.1	9.1	9.3	9.4	9.3	9.4	9.4	9.4
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	920	26	1600	920	920	46	540	540	920	20	350	110
		Classification	C	A	C	C	C	A	C	C	C	A	B	B
21	River Spiti before conf. with River Satluj at Khab	pH	8.15	8.12	8.38	8.39	8.1	8.13	8.23	7.59	8.35	8.01	7.97	8.15
		D.O mg/l	9.6	9.7	9.7	9.5	9.4	9.6	9.7	9.8	9.7	9.8	9.8	9.7
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	220	33	920	350	540	70	920	280	540	39	220	350

		Classification	B	A	C	B	C	A	C	B	C	A	B	B
22	River Satluj after conf. with River Spiti at Khab	pH	8.33	8.13	8.33	8.06	8.02	8.10	8.25	7.65	8.12	8.07	8.01	8.22
		D.O mg/l	9.3	9.5	9.4	9.3	9.1	9.3	9.5	9.4	9.4	9.5	9.5	9.4
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	130	140	1600	540	1600	170	280	920	920	26	94	280
		Classification	B	B	C	C	C	B	B	C	C	A	B	B
23	River Satluj before confluences with River Tidong	pH	8.32	8.03	8.4	8.08	8.16	8.14	7.98	7.44	8.28	8.18	8.06	8.20
		D.O mg/l	9.2	9.3	9.3	9.0	9	9.2	9.4	9.3	9.3	9.3	9.3	9.3
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	220	94	540	540	920	140	350	350	280	140	49	49
		Classification	B	B	C	C	C	B	B	B	B	B	A	A
24	River Satluj after confluences with River Tidong	pH	8.38	8.32	8.27	8.20	8.02	8.14	7.85	8.21	7.84	8.10	8.32	8.24
		D.O mg/l	9.2	9.3	9.2	9.0	9.1	9.2	9.3	9.2	9.2	9.2	9.3	9.1
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	350	220	350	920	540	170	17	540	350	350	39	110
		Classification	B	B	B	C	C	B	A	C	B	B	A	B
25	River Satluj D/S Tidong HEP	pH	8.26	8.05	8.42	8.04	8.16	8.16	8.21	7.64	8.23	7.99	7.92	8.22
		D.O mg/l	9.3	9.3	9.3	9.0	8.9	9.1	9.3	9.3	9.2	9.3	9.2	9.3
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	220	1600	540	920	920	350	540	1600	220	350	170	350
		Classification	B	C	C	C	C	B	C	C	B	B	B	B
26	River Satluj D/S power house Kashang HEP	pH	8.3	8.04	8.4	8.35	8.15	8.11	8.14	7.56	8.28	7.93	8.06	8.23
		D.O mg/l	9.3	9.2	9.2	9.0	8.9	9.1	9.3	9.2	9.2	9.3	9.3	9.4
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	280	920	220	1600	540	540	350	920	1600	540	110	220
		Classification	B	C	B	C	C	C	B	C	C	C	B	B
27	River Satluj	pH	8.24	7.96	8.37	8.29	8.1	8.12	8.21	7.69	8.32	7.49	8.12	8.22

[illegible]

	with Ganvi Khad	T.C. MPN /100ml	70	220	280	920	540	70	350	47	350	110	110	79
		Classification	B	B	B	C	C	B	B	A	B	B	B	B
33	River Satluj after confluence with Ganvi Khad	pH	8.07	8.03	8.39	8.12	8.1	8.18	8.00	7.24	8.15	7.75	8.01	8.21
		D.O mg/l	9.3	9.3	9.3	9.0	9	8.8	9.2	9.3	9.3	9.3	9.3	9.2
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	140	350	220	1600	350	220	220	70	280	220	350	220
		Classification	B	B	B	C	B	B	B	B	B	B	B	B
34	River Satluj U/S Landfill site Rampur	pH	8.25	7.81	8.32	8.29	8.21	8.17	8.00	7.51	8.25	7.98	8.09	8.23
		D.O mg/l	9.2	9.1	9.1	8.6	8.8	8.6	9.1	9.2	9.2	9.2	9.1	9.2
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	220	47	280	540	350	49	140	33	1600	47	110	22
		Classification	B	A	B	C	B	A	B	A	C	A	B	A
35	River Satluj at U/S Rampur	pH	7.95	7.86	8.38	8.26	8.12	8.11	7.96	7.56	8.26	8.28	7.83	8.32
		D.O mg/l	9.1	9	9.1	8.5	8.7	8.6	9.0	9.2	9.1	9.2	9.1	9.2
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	26	130	220	280	540	110	94	94	920	21	220	92
		Classification	A	B	B	B	C	B	B	B	C	A	B	B
36	River Satluj D/S Landfill site Rampur	pH	8.18	7.93	8.34	8.18	8.18	8.17	8.14	7.65	8.27	8.10	7.85	8.36
		D.O mg/l	9.2	9.1	9	8.5	8.6	8.4	9.1	9.2	9.0	9.2	9.0	9.1
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	94	920	1600	1600	920	280	920	350	350	350	94	110
		Classification	B	C	C	C	B	B	C	B	B	B	B	B
37	Halog nallah near Halog water supply scheme	pH	8.11	8.05	8.44	8.17	7.88	8.40	8.10	8.04	8.17	8.28	7.99	8.37
		D.O mg/l	9.6	9.7	9.6	9.6	9.6	9.4	9.6	9.8	9.0	9.6	9.7	9.7
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	350	350	1600	1600	1600	170	540	220	1600	70	920	280

		Classification	B	B	C	C	C	B	C	B	C	B	C	B
38	River Satluj at D/S Rampur	pH	7.95	8.18	8.36	8.20	8.08	8.09	7.97	8.01	8.28	8.12	8.11	8.29
		D.O mg/l	9	9	9	8.4	8.7	8.4	9.0	9.1	9.0	9.1	9.0	9.0
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	140	1600	280	1600	350	1600	350	920	280	220	280	350
		Classification	B	C	B	C	B	C	B	C	B	B	B	B
39	River Satluj D/S TRT of Rampur Hydel Electric project	pH	8.04	8.15	8.33	8.11	8.11	8.17	8.15	7.85	8.30	8.15	8.15	8.27
		D.O mg/l	9.1	9	9.1	8.6	8.7	8.7	9.0	9.0	9.0	9.2	9.1	9.0
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	110	350	220	1600	920	540	70	540	350	540	110	920
		Classification	B	B	B	C	C	C	B	C	B	C	B	C
40	Machada Nallah, Majhouthi water supply scheme near Nirath	pH	8.15	8.09	8.38	8.02	8.04	7.93	7.85	7.96	8.28	8.28	8.01	8.17
		D.O mg/l	9.6	9.7	9.7	9.7	9.5	9.5	9.6	9.6	9.7	9.7	9.8	9.7
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	94	110	1600	70	920	110	350	350	350	280	280	350
		Classification	B	B	C	B	C	B	B	B	B	B	B	B
41	River Satluj at U/S Tatapani	pH	8.11	8.2	8.33	8.12	8.06	7.88	8.11	7.97	8.14	8.13	8.10	8.27
		D.O mg/l	9.1	9	9.1	8.7	8.6	8.5	8.9	9.0	9.0	9.1	9.0	9.0
		BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	170	94	1600	220	1600	94	920	170	920	94	350	110
		Classification	B	B	C	B	C	B	C	B	C	B	B	B
42	Reservoir at Kafnu of Bhawa Power house	pH	8.28	**	**	**	**	**	8.01	**	**	**	**	**
		D.O mg/l	9.8	**	**	**	**	**	9.7	**	**	**	**	**
		BOD mg/l	BDL	**	**	**	**	**	BDL	**	**	**	**	**
		T.C. MPN /100ml	14	**	**	**	**	**	1600	**	**	**	**	**
		Classification	A	**	**	**	**	**	C	**	**	**	**	**
43	River Satluj	pH	8.12	8.08	7.59	7.8	8.04	7.74	7.92	8.08	8.08	8.06	7.68	7.56

	D/s Bhakra	DO	9.20	9.0	9.3	9.3	9.3	9.0	9.0	9.7	9.7	9.5	9.3	9.3
		BOD	2.8	1.4	1.4	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL
		TC	350	110	220	70	540	350	220	110	110	170	140	110
		Classification	B	B	B	B	C	B	B	B	B	B	B	B
44	Drinking water Scheme NO. 7 Sanoli	pH	7.50	7.26	7.38	8.1	7.43	7.32	7.76	8.05	8.05	7.56	7.41	7.4
		DO	-	-	-	-	-	-	-	-	-	-	-	-
		BOD	2.5	2.8	2.0	2.4	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		TC	280	84	63	140	1600	540	350	220	220.0	140	110	170
		Classification	B	B	B	B	C	C	B	B	B	B	B	B
45	River Swan U/s Santoshgarh bridge	pH	7.96	7.49	7.81	8.08	8.13	8.22	8.03	8.04	8.04	8.11	8.05	7.90
		DO	6.0	6.0	6.0	5.8	6.2	6.0	6.2	6	6.0	6.0	6.6	6.6
		BOD	2.9	2.4	3.0	2.3	1.6	1.2	1.2	BDL	BDL	BDL	1.2	2.4
		TC	430	450	920	350	170	540	2200	920	920	350	540	350
		Classification	B	B	C	B	B	C	C	C	C	B	C	B
46	River Swan D/s Nangal Santokhgarh (bhangla)	pH	7.51	7.58	8.06	8.06	8.11	8.17	7.91	8.11	8.11	8.05	8.06	7.86
		DO	6.0	6.3	6.4	6	6.1	6.2	6.3	6.3	6.3	6.0	6.1	6.3
		BOD	4.3	2.4	2.7	2.2	1.3	1.4	1.3	BDL	BDL	BDL	1.4	2.5
		TC	920	350	920	350	220	920	3500	540	540	920	920	540
		Classification	D	B	C	B	B	C	C	C	C	C	C	C
47	River Swan D/sof Una at Rampur Bridge	pH	8.12	7.93	7.91	8.08	8.17	8.27	8.04	7.96	7.96	8.13	8.07	8.01
		DO	6.1	6.5	6.2	6.2	6.4	6.4	6.5	6.6	6.6	6.5	6.6	6.8
		BOD	2.9	2.3	2.8	1.7	BDL	1.1	BDL	BDL	BDL	BDL	1.3	2.3
		TC	540	280	920	170	140	350	2800	350	350	540	350	540
		Classification	C	B	C	B	B	B	C	B	B	C	B	C
48	River Swan U/s of Una Town Ghalluwal bridge	pH	8.10	8.03	7.86	8.06	8.18	8.2	8.05	7.98	7.98	8.07	8.1	7.96
		DO	6.4	6.5	6.6	6.4	6.6	6.6	6.7	6.1	6.1	5.7	6	6.8
		BOD	2.3	2.9	2.4	1.6	BDL	BDL	BDL	BDL	BDL	BDL	1.1	2.3
		TC	430	430	540	140	920	280	1700	240	240	540	170	350
		Classification	B	B	C	B	C	B	C	B	B	C	B	B
49	River Swan	pH	8.22	7.68	7.88	8.11	8.04	8.27	8.02	8.12	8.12	8.14	8.13	7.82

	A/c of Garni Khad	DO	6.8	6.7	6.4	6.4	6.6	6.6	6.6	6.8	6.8	6.6	6.8	6.8
		BOD	2.8	2.0	2.4	1.3	1.3	1.5	1.3	BDL	BDL	BDL	1.2	2.4
		TC	540	280	540	210	1600	920	2200	170	170	920	540	350
		Classification	C	B	C	B	C	C	C	B	B	C	C	B
50	River Swan B/c of Garni Khad	pH	8.18	7.75	7.82	8.07	8.14	8.19	8.04	7.88	7.88	8.05	8.15	7.80
		DO	6.9	6.8	6.7	6.6	6.6	6.6	6.7	7.0	7.0	6.6	7.0	6.8
		BOD	2.5	2.2	2.2	1.2	1.2	1.4	1.2	BDL	BDL	BDL	BDL	2.2
		TC	540	280	430	210	350	540	1700	220	220	540	280	280
		Classification	C	B	B	B	B	C	C	B	B	C	B	B
51	River Swan D/s of IA Gagret	pH	7.21	7.71	8.09	7.91	8.12	8.3	8.02	7.9	7.90	8.07	8.09	7.91
		DO	6.7	6.8	6.3	6.6	6.3	6.4	6.3	6.8	6.8	6.4	7.0	6.6
		BOD	2.1	2.4	2.8	2.4	BDL	1.3	1.2	BDL	BDL	BDL	1.3	2.0
		TC	350	350	920	220	1600	1600	1300	350	350	540	920	540
		Classification	B	B	C	B	C	C	C	B	B	C	C	C
52	River Swan U/s of IA Gagret	pH	8.10	8.1	7.92	8.10	8.16	8.31	8.04	7.89	7.89	8.04	8.04	7.85
		DO	6.8	6.7	6.6	6.6	6.5	6.8	6.2	7.0	7.0	6.7	7.2	6.8
		BOD	2.0	2.2	2.5	2.0	BDL	1.2	1.1	BDL	BDL	BDL	1.3	1.8
		TC	350	350	540	210	110	920	920	240	240	350	540	350
		Classification	B	B	C	B	B	C	C	B	B	B	C	B
53	Dhauli Khad at Charan ganga Mairi	pH	8.14	7.82	7.79	8.07	8.25	8.35	8.07	7.93	7.93	8.06	7.72	7.80
		DO	4.9	4.9	7.3	7.3	7.3	7.0	6.9	7.7	7.7	7.3	7.2	7.3
		BOD	1.2	3.2	1.6	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5
		TC	220	430	350	94	14	350	540	350	350	220	280	240
		Classification	C	C	B	B	A	B	C	B	B	B	B	B
54	River Beas D/s of Nadaun Town	pH	7.72	7.89	8.23	7.83	8.06	7.92	8.09	7.71	8.08	8.05	7.98	8.10
		DO	8.4	8.7	8.7	6.3	8.3	8.9	8.9	8.9	8.9	8.9	8.8	8.9
		BOD	1.9	2.4	2.1	2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		TC	350	280	540	170	120	210	540	540.0	540	540	350	280
		Classification	B	B	C	B	B	B	C	C	C	C	B	B
55	River Beas	pH	7.70	7.84	8.18	7.78	8.04	7.89	8.04	7.68	8.07	7.91	7.96	8.08

	U/s of Nadaun Town	DO	8.4	8.7	8.7	7.3	8.1	8.9	8.9	8.9	8.9	8.9	8.8	8.9
		BOD	1.0	2.5	2.0	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		TC	350	280	430	540	120	790	350	540	350	350	210	220
		Classification	B	B	B	C	B	C	B	C	B	B	B	B
56	River Beas Near lift irrigation scheme(I&P H), Sujapur, Bhoteh (D/s)	pH	8.14	7.26	7.76	7.72	8.02	7.95	8.02	7.62	8.12	8.04	8.03	7.92
		DO	8.4	8.6	8.7	6.9	8.1	8.8	8.9	8.9	8.9	8.7	8.8	8.9
		BOD	1.4	2.2	1.9	1.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		TC	220	220	350	110	130	350	280	350	280	350	280	220
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
57	River Beas U/s of Sujapur Town	pH	7.98	7.32	7.74	7.69	7.89	7.93	8.08	7.55	8.09	7.86	8.05	7.89
		DO	8.4	8.6	8.7	7.0	8	8.8	8.9	8.9	8.9	8.7	8.8	8.9
		BOD	1.2	2.2	1.8	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		TC	170	220	350	350	170	350	240	280	240	280	220	170
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
58	Hathli Nallah lift water supply scheme of MC, Hamirpur	pH	8.05	8.16	8.11	8.07	8.07	7.91	8.06	8.11	8.07	8.14	8.04	8.11
		DO	8.1	8.2	8.2	6.8	6.9	8.8	8.8	8.9	8.9	8.8	9.0	8.7
		BOD	BDL	1.9	1.0	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		TC	27	180	110	170	110	920	170	430	130	130	110	170
		Classification	A	B	B	B	B	C	B	B	B	B	B	B
59	Lift water supply scheme of Panjarar & Bhota, Ropri & Ujhan	pH	7.46	8.10	8.08	8.04	8.05	7.89	8.01	8.18	8.09	8.11	7.66	8.18
		DO	8.0	8.4	8.4	6.0	7.2	8.8	8.8	8.9	8.9	8.8	8.9	8.7
		BOD	BDL	1.8	1.0	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		TC	32	180	170	140	170	140	110	540	110	110	94	140
		Classification	A	B	B	B	B	B	B	C	B	B	B	B
60	River Yamuna U/s Paonta Sahib	pH	8.08	8.22	8.24	8.01	8.20	7.51	8.13	7.92	8.21	8.18	8.12	8.17
		DO	7.5	7.6	7.5	7.8	7.7	7.9	7.8	7.9	7.6	8.2	7.7	7.9
		BOD	1.0	1.2	1.0	1.1	1.0	1.0	1.5	1.2	1.4	1.4	1.0	1.1
		TC	170.0	220.0	94.0	140.0	130.0	130.0	170.0	150.0	150.0	150.0	170.0	140.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
61	River Yamuna D/s	pH	8.01	7.66	8.17	8.16	8.27	7.16	8.17	7.78	8.26	8.33	8.34	8.02
		DO	7.6	7.5	7.3	7.6	7.7	7.9	7.7	8.0	7.5	8.0	7.6	7.8

	Paonta Sahib	BOD	1.9	2.8	1.9	2.3	1.9	1.5	2.5	2.1	2.0	2.1	1.8	1.8
		TC	540.0	540.0	540.0	540.0	350.0	350.0	350.0	280.0	240.0	350.0	350.0	350.0
		Classification	C	C	C	C	B	B	B	B	B	B	B	B
62	River Batta U/s Paonta Sahib	pH	7.83	6.90	8.07	7.92	7.80	8.03	7.30	8.16	7.92	8.17	8.14	8.22
		DO	7.9	7.7	7.6	7.8	7.7	7.9	7.9	8.2	7.8	8.3	7.9	8.1
		BOD	1.2	1.1	1.1	1.0	1.0	1.0	1.4	1.2	1.5	1.2	1.0	1.0
		TC	210.0	170.0	220.0	94.0	140.0	140.0	140.0	120.0	120.0	170.0	150.0	150.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
63	River Batta D/s Paonta Sahib (B/c to River Yamuna)	pH	7.95	7.85	8.27	8.01	7.94	7.91	8.22	8.09	7.88	8.13	8.28	8.04
		DO	7.9	7.6	7.4	7.7	7.8	7.8	7.9	8.1	7.6	8.1	7.7	8.0
		BOD	1.3	1.3	1.4	1.1	1.1	1.0	1.4	1.3	1.2	1.1	1.2	1.2
		TC	170.0	350.0	280.0	110.0	140.0	130.0	130.0	110.0	170.0	120.0	140.0	170.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
64	River Yamuna U/S of Sun Pharmaceuticals	pH	8.04	8.05	8.37	7.99	8.24	7.15	8.06	7.86	8.31	8.27	8.20	8.13
		DO	7.5	7.6	7.2	7.7	7.8	8	7.8	8.1	7.4	8.1	7.6	7.9
		BOD	1.6	2.2	1.6	1.8	1.6	1.3	2.0	1.9	2	1.2	1.3	1.3
		TC	350.0	280.0	220.0	170.0	170.0	220.0	280.0	350.0	240.0	220.0	240.0	210.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
65	River Yamuna D/S of Sun Pharmaceuticals	pH	8.02	8.25	8.38	8.01	7.74	7.40	7.86	7.82	7.69	8.16	8.27	8.10
		DO	7.5	7.5	7.1	7.7	7.8	7.9	7.8	7.9	7.4	8.0	7.6	7.8
		BOD	1.8	2.7	1.8	2.1	1.8	1.4	2.6	2.0	2.1	1.8	1.7	1.9
		TC	350.0	350.0	540.0	280.0	350.0	350.0	350.0	350.0	430.0	430.0	350.0	280.0
		Classification	B	B	C	B	B	B	B	B	B	B	B	B
66	River Giri D/s CCI India, Rajban	pH	7.92	8.08	8.30	7.91	7.93	8.22	8.07	8.10	7.82	8.19	8.18	7.86
		DO	7.7	7.7	7.5	7.7	7.9	7.8	7.7	8.0	7.8	8.0	7.8	8.0
		BOD	1.0	1.2	1.0	1.2	1.1	1.1	1.4	1.6	1.2	1.4	1.3	1.1
		TC	220.0	130.0	110.0	220.0	92.0	92.0	220.0	210.0	210.0	110.0	140.0	110.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
67	River Giri D/s Sataun	pH	7.96	8.28	8.10	7.90	8.20	8.36	8.28	8.32	8.19	8.14	8.10	7.95
		DO	7.7	7.6	7.6	7.9	7.8	7.8	7.9	8.0	7.7	8.0	7.8	7.9
		BOD	1.2	1.4	1.0	1.3	1.2	1.1	1.5	1.8	1.6	1.3	1.4	1.2
		TC	280.0	170.0	130.0	170.0	140.0	140.0	280.0	240.0	240.0	150.0	170.0	210.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
68	River Giri	pH	7.92	8.14	8.23	7.93	8.24	8.16	8.02	8.06	8.25	7.96	8.12	7.89

[illegible]

75	River Markanda at Shambhuwala, Distt. Sirmour	pH	8.01	6.84	7.85	8.01	7.58	8.17	7.67	7.78	7.61	7.92	7.84	7.95
		DO	8.5	8.4	8.0	8.2	8.2	8.5	8.8	8.7	8.8	8.9	8.8	8.6
		BOD	1.1	1.3	1.1	1.0	1.0	1.0	1.5	1.6	1.7	1.4	1.6	1.3
		TC	170.0	280.0	220.0	220.0	170.0	170.0	220.0	240.0	210.0	210.0	150.0	140.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
76	Taalo Nala (From Nahan Town) at Khadar ka Bagh B/c to River	pH	8.46	8.06	8.16	8.22	7.73	7.85	8.41	8.35	7.79	8.38	8.14	7.99
		DO	6.9	6.8	6.8	6.1	6.9	6.9	7.2	7.1	7.2	7.6	7.5	7.2
		BOD	1.6	1.8	1.5	1.4	1.7	1.0	2.1	2.0	2.0	1.6	1.7	1.5
		TC	540.0	350.0	350.0	350.0	280.0	350.0	350.0	430.0	350.0	350.0	280.0	240.0
		Classification	C	B	B	B	B	B	B	B	B	B	B	B
77	Salani Khad Near Bridge NH-7 Moginand Kala Amb	pH	8.52	8.24	Source Dried	8.33	7.89	7.80	8.23	8.17	7.88	8.03	8.20	8.02
		DO	6.8	6.9		6.3	7.4	7.6	7.8	7.7	7.8	7.8	7.7	7.2
		BOD	3.6	2.1		3.6	1.5	1.8	2.8	2.0	2.0	1.8	1.9	1.7
		TC	540.0	540.0		840.0	350.0	280.0	540.0	540.0	540.0	430.0	350.0	350.0
		Classification	Below E	C	--	D	B	B	C	C	C	B	B	B
78	Markanda River a/c with Salani Khad at Moginand, Kalaamb	pH	8.39	8.29	7.84	8.17	7.88	8.01	8.07	8.20	7.74	7.90	8.05	7.99
		DO	8.1	8.2	7.9	7.4	8.0	8.2	8.4	8.3	8.3	8.5	8.4	8.2
		BOD	2.0	1.8	1.4	1.6	1.1	1.4	1.7	1.5	1.8	1.5	1.5	1.8
		TC	350.0	220.0	280.0	540.0	130.0	130.0	220.0	170.0	120.0	150.0	170.0	210.0
		Classification	B	B	B	C	B	B	B	B	B	B	B	B
79	Rampur Jattan Moginand Nalla Before conf. to River	pH	7.30	8.32	7.54	7.89	7.95	7.62	8.45	8.41	7.89	8.18	8.09	8.01
		DO	4.3	4.2	4.0	4.0	4.0	4.0	4.3	4.2	4.1	4.6	4.5	4.2
		BOD	7.2	10.0	5.6	6.5	4.2	3.6	2.7	3.1	3.8	1.2	4.6	3.8
		TC	135000.0	276000.0	54000.0	46000.0	1750.0	16200.0	1600.0	1750.0	1720.0	2600.0	2200.0	4200.0
		Classification	D	D	D	D	D	D	C	D	D	C	D	D
80	Markanda River a/c of Rampur Jattan Moginand Nallah	pH	8.32	7.25	7.89	8.06	8.16	7.46	8.33	8.16	8.11	8.07	8.22	8.08
		DO	7.0	7.8	7.8	7.3	7.8	7.5	8.1	8.1	8.2	8.2	8.1	8.3
		BOD	2.6	2.8	2.4	1.9	1.7	1.9	1.9	2.1	1.8	2.0	2.0	1.8
		TC	920.0	1600.0	540.0	1600.0	280.0	920.0	350.0	430.0	540.0	920.0	1080.0	920.0
		Classification	C	C	C	C	B	C	B	B	C	C	C	C
81	River Markanda U/s Kala Amb	pH	8.45	8.31	7.85	8.10	8.14	7.71	8.05	8.12	8.12	8.15	8.12	7.93
		DO	7.3	7.7	7.7	7.2	7.9	7.4	8.2	8.2	8.2	8.4	8.3	8.3
		BOD	2.5	1.5	1.8	1.5	1.2	1.5	1.7	1.9	1.8	1.4	1.5	1.6
		TC	540.0	350.0	350.0	350.0	170.0	350.0	280.0	240.0	220.0	280.0	220.0	280.0

		Classification	C	B	B	B	B	B	B	B	B	B	B	B
82	River Markanda D/s Kala Amb	pH	8.49	8.38	7.63	8.39	8.11	8.02	8.10	8.06	8.18	8.18	7.97	7.94
		DO	7.4	7.5	7.8	7.2	7.8	7.4	8.0	8.1	8.3	8.3	8.2	8.2
		BOD	2.7	1.8	1.9	1.7	1.4	1.6	2.0	2.2	2.2	1.7	1.8	1.9
		TC	540.0	540.0	540.0	540.0	220.0	540.0	350.0	350.0	430.0	540.0	540.0	920.0
		Classification	C	C	C	C	B	C	B	B	B	C	C	C
83	Roon Nallah Near Meerpur Kotla, Gurudwara	pH	8.55	8.36	Source Dried	Source Dried	8.19	7.47	8.42	8.32	8.22	8.24	7.65	8.21
		DO	7.1	7.3			7.9	7.2	8.0	8.0	8.3	8.5	8.4	8.4
		BOD	3.8	2.4			1.2	1.2	1.8	1.9	2.6	1.9	2.0	1.3
		TC	350.0	540.0			170.0	280.0	280.0	240.0	220.0	210.0	280.0	350.0
		Classification	Below E	C	--	--	B	B	B	B	B	B	B	B
84	River Beas D/S Alampur	pH	7.74	7.60	8.02	7.44	7.33	7.15	8.01	7.70	7.66	7.46	7.22	7.70
		D.O. mg/l	9	9.0	9.1	8.5	8.8	9.1	9.0	8.9	8.8	9.0	9.1	8.8
		BOD mg/l	2.3	0.4	0.8	0.9	0.3	0.3	1.7	0.9	0.8	0.4	0.4	0.5
		T.C. MPN /1	170	1600	540	1700	2400	350	2200	1100	110	920	430	46
		Classification	B	C	C	C	C	B	C	C	B	C	B	A
85	River Beas D/s Dehra	pH	7.93	7.49	7.88	7.59	7.67	7.56	8.04	7.32	7.99	7.94	8.13	8.20
		D.O. mg/l	8.7	9.0	8.7	9.2	6.7	9.2	9.2	9.1	8.5	9.2	9.1	8.5
		BOD mg/l	1.2	1.5	0.2	0.7	1.2	0.2	0.4	0.5	0.9	1.4	1.5	1.8
		T.C. MPN /1	920	920	540	1600	2100	920	540	2400	39	49	210	8.2
		Classification	C	C	C	C	C	C	C	C	A	A	B	A
86	River Beas D/s Pong Dam	pH	7.97	7.78	7.31	7.83	8.49	7.32	8.36	7.94	7.88	7.73	8.13	8.06
		D.O. mg/l	8.8	9.0	4.2	8.7	6.5	8.5	8.8	8.3	8.8	9.1	8.5	8.7
		BOD mg/l	0.7	0.6	0.4	0.5	0.5	0.9	2.5	0.6	0.8	0.3	0.6	0.5
		T.C. MPN /1	460	1100	280	540	2800	3500	1600	1100	430	1600	240	1600
		Classification	B	C	B	B	C	C	C	C	B	C	B	C
87	River Ravi U/S Madhopur HWS	pH	7.84	7.81	7.92	7.52	7.73	7.41	7.56	7.22	7.92	7.90	8.03	7.98
		D.O. mg/l	8.6	9.0	8.9	8.6	8.4	8.6	8.7	8.5	8.5	8.2	9.1	9.1
		BOD mg/l	0.6	0.2	0.6	0.9	0.3	0.3	1.3	0.3	0.6	0.2	0.3	0.4
		T.C. MPN /1	220	1300	110	—	1600	2100	1200	430	350	540	23	1600
		Classification	B	C	B	A	C	C	C	B	B	C	A	C
88	River Ravi U/S Chamba	pH	7.47	7.65	8.01	7.81	7.90	7.92	6.92	8.01	7.96	7.72	7.91	7.93
		D.O. mg/l	8.8	9.1	8.5	9.0	7.5	8.6	8.7	8.9	8.8	9.1	8.8	8.0
		BOD mg/l	0.7	0.6	0.2	0.7	0.5	0.1	1.9	0.6	0.8	1.2	0.6	0.6

		T.C. MPN /l	350	170	120	920	2200	790	920	240	63	170	920	14
		Classification	B	B	B	C	C	C	C	B	B	B	C	A
89	Pong Dam Lake at Pong Village	pH	7.94	7.83	7.73	7.75	7.89	7.64	8.04	7.85	7.85	7.54	8.21	8.11
		D.O. mg/l	9.2	9.1	6.8	8.8	7.0	8.4	9.1	8.4	9.0	8.7	8.7	8.7
		BOD mg/l	0.8	0.5	0.5	0.4	0.5	0.2	1.6	0.3	0.6	0.4	0.5	0.3
		T.C. MPN /l	240	2400	120	350	3500	3500	920	1700	280	540	280	1600
		Classification	B	C	B	B	C	C	C	C	B	C	B	C
90	River Beas D/S Jaisinghpur	pH	7.88	7.52	7.84	7.44	7.25	7.13	8.20	7.73	7.80	7.63	7.69	7.73
		D.O. mg/l	9.2	9.0	9.1	8.6	8.9	9.1	9.0	9.0	8.9	9.1	9.1	8.9
		BOD mg/l	2.6	0.2	0.2	0.9	0.8	1.0	1.7	0.8	1.0	0.8	0.8	0.6
		T.C. MPN /l	110	1600	920	920	3500	540	1700	3500	1600	79	540	79
		Classification	B	C	C	C	C	C	C	C	C	B	C	B
91	River Binwa D/s Paprola Baijnath	pH	—	7.58	7.58	7.62	7.51	7.05	7.60	7.44	7.86	7.60	7.65	7.63
		D.O. mg/l	—	9.1	9.2	7.5	8.9	8.9	8.9	9.1	9.2	9.1	8.6	8.6
		BOD mg/l	—	0.3	1.3	1.6	0.6	0.6	0.5	0.8	1.0	0.8	0.5	0.6
		T.C. MPN /l	—	350	110	170	940	3500	210	1400	110	170	210	240
		Classification	—	B	B	B	C	C	B	C	B	B	B	B
92	River Neogal D/s Thural	pH	7.72	7.89	7.78	7.35	7.45	7.23	7.44	7.53	7.44	7.51	7.85	7.75
		D.O. mg/l	9.1	9.0	8.8	9.0	8.7	9.0	9.0	9.0	8.7	9.0	9.0	8.7
		BOD mg/l	2.2	0.5	0.7	0.7	0.8	0.6	1.9	1.2	0.6	0.3	0.5	0.4
		T.C. MPN /l	140	1600	430	1100	3500	540	2400	790	33	540	280	220
		Classification	B	C	B	C	C	C	C	C	A	C	B	B
93	River Ravi D/S Chamba	pH	7.17	8.08	7.99	7.89	7.59	7.99	7.21	7.96	7.89	7.66	7.92	7.83
		D.O. mg/l	8	8.5	8.0	8.5	7.1	8.2	8.6	8.1	8.5	8.0	8.0	8.1
		BOD mg/l	0.3	0.3	1.2	0.9	0.6	0.1	2.3	0.8	1.4	1.5	1.3	0.8
		T.C. MPN /l	140	220	210	350	2100	1500	1600	350	240	540	240	21
		Classification	B	B	B	B	C	C	C	B	B	C	B	A
94	River Ravi at Chamera Reservoir	pH	8.02	7.75	8.08	7.83	7.57	7.87	7.42	7.75	7.89	7.94	7.57	7.43
		D.O. mg/l	8.5	9.3	8.8	8.5	8.2	8.5	8.8	9.0	9.0	9.1	9.1	8.6
		BOD mg/l	0.7	0.2	1.3	0.6	0.8	0.3	1.4	0.5	0.8	0.6	0.6	0.6
		T.C. MPN /l	150	110	70	210	3500	1400	240	540	41	49	240	6.8
		Classification	B	B	B	B	C	C	B	C	A	A	B	A
95	River Ravi D/s of	pH	8.14	7.68	8.15	6.96	7.55	7.82	7.79	8.01	7.84	7.49	7.68	7.63
		D.O. mg/l	8.9	8.9	9.0	9.1	8.0	9.1	9.2	8.4	8.7	9.1	9.0	8.7

	proposed Dam site of Chamera-III HEP	BOD mg/l	0.8	0.7	1.3	0.6	1.3	0.2	1.7	0.5	0.7	0.7	0.5	0.5
		T.C. MPN /1	220	170	110	540	4300	1200	350	280	23	1600	920	24
		Classification	B	B	B	C	C	C	B	B	A	C	C	A
96	River siul D/S Surgangani	pH	7.98	7.87	8.03	7.75	7.66	7.69	7.15	7.62	7.97	7.99	7.57	7.53
		D.O. mg/l	8.8	9.1	9.1	8.7	7.9	9.0	8.9	9.1	8.9	8.7	9.0	8.4
		BOD mg/l	0.2	0.7	0.6	1.5	0.4	0.5	1.7	0.6	0.8	0.2	0.6	0.6
		T.C. MPN /1	920	84	94	140	2800	1100	350	350	22	240	33	17
		Classification	C	B	B	B	C	C	B	B	A	B	A	A
97	Khajjar lake	pH	6.98	7.93	7.12	7.41	7.53	7.15	7.77	7.78	8.16	8.00	7.98	7.91
		D.O. mg/l	6.2	6.9	6.8	6.8	6.8	6.9	6.1	6.4	6.8	6.8	6.8	6.9
		BOD mg/l	3.5	0.3	1.4	1.1	0.8	0.8	2.6	0.6	1.1	1.3	1.2	1.3
		T.C. MPN /1	170	920	120	220	2200	35	1600	430	1600	1600	22	46
		Classification	B	C	B	B	C	A	C	B	C	C	A	A
98	River Beas D/s Bharoli	pH	7.8	7.57	7.66	7.61	7.51	7.73	7.96	7.23	7.58	7.93	7.96	7.92
		D.O. mg/l	8.5	9.1	8.5	9.0	6.8	9.0	9.0	9.0	8.7	9.0	9.1	8.7
		BOD mg/l	0.7	0.6	0.9	1.1	0.5	0.1	0.6	0.9	1.6	0.6	0.8	0.7
		T.C. MPN /1	170	240	280	5400	2100	170	1600	1700	350	49	350	5.6
		Classification	B	B	B	C	C	B	C	C	B	A	B	A
99	River Ravi U/s STP Barga	pH	7.46	7.69	8.00	7.06	7.69	7.88	6.94	7.91	7.64	7.40	7.83	7.81
		D.O. mg/l	8.9	8.8	8.6	8.7	7.4	8.7	8.6	8.7	8.7	8.5	8.7	8.0
		BOD mg/l	0.8	0.3	0.2	5.0	0.5	0.5	1.9	0.5	1.0	0.6	0.5	0.8
		T.C. MPN /1	210	920	140	350	2800	1200	1600	280	84	920	1600	13
		Classification	B	C	B	B	C	C	C	B	B	C	C	A
100	River Ravi D/s STP Bhagot	pH	7.59	8.05	7.97	7.55	7.58	7.97	7.05	7.55	7.85	7.53	7.84	7.91
		D.O. mg/l	8.5	8.5	8.2	8.8	7.2	8.2	8.6	8.3	8.6	8.2	8.5	8.2
		BOD mg/l	0.7	0.2	1.1	0.8	0.5	0.3	2.5	0.7	1.2	0.8	0.8	0.8
		T.C. MPN /1	170	130	220	210	3500	2100	1600	350	240	1600	1600	49
		Classification	B	B	B	B	C	C	C	B	B	C	C	A
101	Manjhi Khad U/s Dharamshal a at Khaniyara	pH	7.47	7.64	7.32	7.17	6.93	7.19	7.05	7.45	7.65	8.05	7.99	7.78
		D.O. mg/l	9	9.1	9.1	8.5	8.9	9.1	9.0	9.1	9.2	9.2	9.1	9.0
		BOD mg/l	0.7	0.2	0.7	0.5	0.2	0.1	0.5	0.3	0.4	0.3	0.2	0.3
		T.C. MPN /1	210	350	140	840	220	1700	47	1200	240	1600	6.1	41
		Classification	B	B	B	C	B	C	A	C	B	C	A	A
102	Manjhi	pH	7.74	7.66	7.49	7.32	6.80	7.06	7.10	7.42	7.91	7.56	8.4	8.05

103	Khad (D/s) near Chetru	D.O. mg/l	9	8.9	9.0	8.4	9.0	9.0	9.0	9.1	9.2	9.2	9.1	9.0
		BOD mg/l	0.8	0.3	0.8	0.5	0.1	0.2	0.5	0.6	0.5	0.5	0.5	0.5
		T.C. MPN /l	170	540	350	940	540	2800	150	1100	170	1600	110	540
		Classification	B	C	B	C	C	C	B	C	B	C	B	C
103	Mol Khad U/s Palampur	pH	7.53	7.71	7.13	7.46	7.58	7.57	7.18	7.60	7.03	7.58	7.64	7.53
		D.O. mg/l	9.1	8.5	8.4	7.4	8.8	8.8	8.8	8.0	8.1	8.1	8.7	8.7
		BOD mg/l	0.6	0.2	1.3	0.6	0.3	0.4	1.2	0.2	0.6	0.3	0.3	0.3
		T.C. MPN /l	84	110	84	110	460	700	47	540	70	540	350	220
		Classification	B	B	B	B	B	C	A	C	B	C	B	B
104	Mol Khad D/s Palampur	pH	6.72	7.72	7.35	7.05	7.50	7.28	7.21	7.68	6.96	7.56	7.66	7.55
		D.O. mg/l	9	8.2	8.1	7.2	8.6	8.6	8.6	8.0	8.1	8.1	8.6	8.6
		BOD mg/l	0.6	0.2	1.2	0.8	0.4	0.4	1.2	0.3	0.6	0.4	0.4	0.4
		T.C. MPN /l	120	210	150	120	1100	840	39	350	150	920	540	1600
		Classification	B	B	B	B	C	C	A	A	A	C	C	C
105	Sahu Nallah U/S Bhuri Singh SHEP	pH	7.69	8.06	8.05	7.75	7.66	7.62	7.34	7.69	7.98	7.79	7.88	7.91
		D.O. mg/l	9.1	9.0	8.9	9.0	8.5	9.2	8.8	8.8	8.9	8.8	8.9	8.8
		BOD mg/l	0.3	0.2	1.0	0.4	0.5	0.4	1.8	0.8	0.6	0.9	0.8	0.5
		T.C. MPN /l	120	140	130	430	1700	840	1600	240	240	920	79	2.0
		Classification	B	B	B	B	C	C	C	B	B	C	B	A
106	Sahu Nallah D/S Bhuri Singh SHEP	pH	7.38	7.97	8.02	7.72	7.66	7.85	7.40	7.76	8.03	7.76	8.23	8.13
		D.O. mg/l	9	9.1	8.7	8.8	8.0	8.8	8.8	8.6	8.8	8.2	8.8	8.6
		BOD mg/l	0.3	0.5	0.4	0.6	0.6	0.3	1.7	0.9	0.8	1.2	1.1	0.7
		T.C. MPN /l	150	>1600	110	33	2400	1100	920	350	920	920	4.5	9.3
		Classification	B	C	B	A	C	C	C	B	C	C	A	A
107	Jarangla Nallah U/s IPH Water Supply Scheme	pH	8.09	7.72	7.81	7.83	7.95	8.00	7.85	7.64	8.01	7.73	7.98	7.92
		D.O. mg/l	9.2	9.1	9.2	9.0	9.2	9.1	8.6	8.7	9.0	8.9	9.2	8.6
		BOD mg/l	0.6	0.4	1.7	2.3	0.7	0.5	2.1	0.8	1.2	0.7	0.5	0.6
		T.C. MPN /l	220	120	94	7.8	1600	1700	46	350	70	920	350	12
		Classification	B	B	B	B	C	C	A	B	B	C	B	A
108	Kulin Nallah	pH	7.96	7.88	7.93	7.80	7.62	7.90	7.96	7.80	8.01	7.17	8.15	8.10
		D.O. mg/l	9.1	9.2	9.2	9.1	9.0	9.2	8.7	8.5	9.0	9.2	9.2	8.7
		BOD mg/l	0.4	0.2	1.4	1.9	0.7	0.3	1.3	0.5	0.8	0.8	1.3	0.8
		T.C. MPN /l	540	140	220	63	1700	1700	920	350	920	350	4.5	11
		Classification	C	B	B	B	C	C	C	B	C	B	A	A

109	Baner Khad U/S Chamunda Temple	pH	7.72	7.79	7.04	7.22	7.28	7.10	6.67	7.78	7.47	7.72	7.13	7.05
		D.O. mg/l	9	9.2	9.3	7.5	9.2	9.2	9.2	9.2	9.1	9.1	9.1	9.1
		BOD mg/l	1.6	0.2	1.2	1.1	0.5	0.2	0.3	0.6	0.5	1.2	0.5	0.4
		T.C. MPN /1	170	94	94	920	790	1400	17	170	350	220	240	49
		Classification	B	B	B	C	C	C	A	B	B	B	B	A
110	Baner Khad D/S Chamunda Temple	pH	7.4	7.66	7.14	7.98	7.23	6.97	6.83	7.60	7.75	7.63	7.18	7.10
		D.O. mg/l	9	9.1	9.2	7.5	9.1	9.1	9.1	9.1	9.0	9.0	9.0	9.0
		BOD mg/l	0.6	0.6	0.2	1.3	0.4	0.2	0.9	0.5	0.6	1.6	0.6	0.5
		T.C. MPN /1	220	170	120	1600	940	1700	350	210	240	350	540	130
		Classification	B	B	B	C	C	C	B	B	B	B	C	B
111	Charan Khad U/S Bhagsunag	pH	7.53	7.45	7.37	7.63	7.38	7.35	7.24	7.67	7.96	7.94	-	7.66
		D.O. mg/l	9.1	9.0	9.1	9.0	8.9	9.1	9	9.0	9.1	9.0	-	9.0
		BOD mg/l	0.8	0.3	0.8	2.0	0.4	0.3	1.2	0.4	0.3	0.3	-	0.3
		T.C. MPN /1	40	240	84	540	920	1100	430	350	7.8	49	-	33
		Classification	A	B	B	C	C	C	B	B	A	A	-	A
112	Jarangla Nallah D/s IPH Water Supply Scheme	pH	8.28	7.75	8.02	7.40	7.61	7.70	7.67	7.94	7.93	7.19	7.84	7.80
		D.O. mg/l	9.1	9.0	9.1	9.1	9.1	8.9	8.6	8.5	8.9	8.7	9.1	8.5
		BOD mg/l	0.7	0.2	0.7	1.5	1.1	0.4	2.1	0.6	1.1	0.9	0.8	0.7
		T.C. MPN /1	280	140	84	110	920	1500	110	170	130	920	140	11
		Classification	B	B	B	B	C	C	B	B	B	C	B	A
113	Lift water supply scheme for Dharamshal a Town, Near	pH	7.4	-	-	7.52	-	-	6.92	-	-	7.15	-	-
		D.O. mg/l	-	-	-	-	-	-	-	-	-	-	-	-
		BOD mg/l	0.3	-	-	1.1	-	-	0.1	-	-	0.2	-	-
		T.C. MPN /1	2	-	-	17	-	-	-	-	-	23	-	-
		Classification	A	-	-	A	-	-	A	-	-	A	-	-
114	Water supply scheme for Dari, Mela ground Dari, Dharamshal	pH	7.17	-	-	7.4	-	-	6.58	-	-	7.28	-	-
		D.O. mg/l	-	-	-	-	-	-	-	-	-	-	-	-
		BOD mg/l	0.6	-	-	1.3	-	-	0.3	-	-	2.2	-	-
		T.C. MPN /1	2	-	-	-	-	-	-	-	-	31	-	-
		Classification	A	-	-	A	-	-	A	-	-	A	-	-
115	River Gaj WSS Dharamshal a Cantt.	pH	6.85	7.21	7.74	7.88	6.98	7.20	7.13	7.84	8.21	8.01	7.89	7.8
		D.O. mg/l	9	9.0	9.0	9.0	9.1	9.0	9.0	9.1	9.0	9.0	9.1	9.0
		BOD mg/l	0.8	0.5	0.7	1.9	0.4	0.2	1.4	0.3	0.5	0.4	0.2	0.4
		T.C. MPN /1	110	350	110	920	220	790	350	170	94	240	2.0	94

		Classification	B	B	B	C	B	C	B	B	B	B	A	B
116	River Bather WSS Dal Lake Naddi	pH	7.25	7.36	7.54	7.68	6.95	7.04	7.21	7.70	8.21	8.08	7.75	7.7
		D.O. mg/l	9	9.2	9.0	9.2	9.1	9.0	9.2	9.1	9.0	9.0	9.1	9.0
		BOD mg/l	0.8	0.4	0.3	1.0	1.0	0.2	1.2	0.4	0.5	0.3	0.3	0.2
		T.C. MPN /1	58	280	280	350	540	700	540	350	31	220	7.8	47
		Classification	B	B	B	B	C	C	C	B	A	B	A	A
117	WSS Bandla	pH	8.07	7.51	7.5	7.46	7.83	7.32	6.87	7.90	7.93	7.46	7.33	7.21
		D.O. mg/l	9.4	—	—	9.2	9.1	9.1	9.1	8.0	—	—	9.0	9.0
		BOD mg/l	0.4	0.6	1.5	1.7	0.3	0.1	0.7	0.3	0.4	0.2	0.3	0.4
		T.C. MPN /1	170	—	84	46	130	460	170	220	94	2	79	920
		Classification	B	A	B	A	B	B	B	B	B	A	B	C
118	Water supply scheme Nagrota	pH	7.21	-	-	7.50	8.10	-	6.54	-	-	-	-	-
		D.O. mg/l	—	-	-	—	9.1	-	—	-	-	-	-	-
		BOD mg/l	1	-	-	0.3	0.4	-	0.6	-	-	-	-	-
		T.C. MPN /1	21	-	-	350	—	-	—	-	-	-	-	-
		Classification	A	-	-	B	A	-	A	-	-	-	-	-
119	Kalamnalla D/s MSW processing site at chowari Distt. Chamb	pH	7.51	7.95	7.06	7.90	7.78	7.18	7.45	7.75	7.82	7.86	8.06	8.00
		D.O. mg/l	9	9.1	9.1	8.9	8.8	9.1	8.6	8.5	9.0	9.0	8.9	9.2
		BOD mg/l	0.5	0.2	0.8	0.4	0.7	0.7	1.6	0.7	1.2	0.7	0.9	0.5
		T.C. MPN /1	220	540	110	23	1700	1700	540	240	350	540	350	4.5
		Classification	B	C	B	A	C	C	C	B	B	C	B	A
120	Chakkikhad at Lahru D/s Phina Singh HEP	pH	7.93	7.85	6.95	7.90	7.55	7.42	7.52	7.62	7.62	7.68	7.93	7.78
		D.O. mg/l	9.2	9.0	8.9	8.8	8.5	8.8	8.6	8.7	8.7	8.7	9.0	9.0
		BOD mg/l	0.4	0.3	1.1	1.3	0.3	0.3	0.6	0.3	0.5	0.2	0.4	0.7
		T.C. MPN /1	130	1600	130	23	1500	840	540	350	240	540	7.8	2.0
		Classification	B	C	B	A	C	C	C	B	B	C	A	A
121	Banoi Khad at Kalapul on cantt. Road, Dhramshala	pH	8.07	7.12	7.73	7.99	7.04	7.62	6.72	8.30	7.64	7.80	7.88	7.75
		D.O. mg/l	9	9.1	9.0	9.2	9.0	9.0	9.2	9.1	9.1	9.1	9.0	9.0
		BOD mg/l	0.3	0.8	0.6	1.9	0.8	0.2	0.4	0.2	0.4	0.3	0.5	0.5
		T.C. MPN /1	280	350	120	920	430	1700	2100	350	920	540	70	26
		Classification	B	B	B	C	B	C	C	B	C	C	B	A
122	R. Beas U/s Manali	pH	8.07	7.78	7.49	8.42	8.46	8.12	7.64	8.15	8.04	7.66	7.82	7.72
		DO	8.1	7.9	8.2	7.9	8.1	7.8	8.4	8.1	7.8	8.2	7.8	8.2
		BOD	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.5

123	U/s Slapper, Satluj River (1014)	TC	240	240	280	240	170	240	170	220	280	110	140	110
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
		pH	8.11	8.28	8.02	8.42	8.18	8.66	8.11	8.19	8.01	8.21	8.42	8.24
		DO	9.2	9.2	9	8.2	7.0	8	6.5	7.5	6.5	6.5	6.5	6.5
		BOD	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2
		TC	240	210	150	240	240	280	130	130	170	150	240	240
124	River Beas, D/s Kullu	Classification	B	B	B	B	B	B	B	B	B	B	B	B
		pH	7.45	7.87	7.70	7.81	8.32	8.34	8.38	7.82	7.71	7.83	7.43	7.99
		DO	7.9	7.8	7.5	8.1	7.9	8	8.1	7.9	8	8	7.9	7.8
		BOD	0.9	1.4	1.8	0.5	0.3	0.8	0.5	0.6	0.4	1.8	1.3	1.3
		TC	920	920	1600	1600	430	540	540	920	540	430	540	350
125	R.Beas, D/s Aut	Classification	C	C	C	C	B	C	C	C	C	B	C	B
		pH	7.73	8.03	7.84	8.14	8.45	8.49	7.86	8.45	7.61	8.4	8.12	7.87
		DO	7.6	7.8	7.7	7.9	7.8	7.8	7.9	7.6	7.7	7.6	7.9	7.8
		BOD	0.4	0.3	0.1	0.1	0.2	0.3	0.2	0.1	0.3	0.4	0.3	0.6
		TC	430	540	350	430	280	240	170	150	240	170	210	350
126	R.Beas, U/s Pandoh Dam	Classification	B	C	B	B	B	B	B	B	B	B	B	B
		pH	7.76	7.69	6.8	8.09	7.87	8.32	7.6	7.7	8.07	7.78	7.7	8.41
		DO	8.8	8.4	8.4	8	8	8	8	8	9	6	6.5	7
		BOD	0.3	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2
		TC	280	280	170	140	150	220	150	210	210	130	140	170
127	Exit of Dehar Power House, Beas River	Classification	B	B	B	B	B	B	B	B	B	B	B	B
		pH	7.70	8.4	7.13	8.21	8.39	7.71	7.94	8.28	8.19	8.29	8.35	7.87
		DO	8.2	8.3	7.8	7.4	7.6	6.8	8.8	7	7	6	6	6.8
		BOD	0.3	0.4	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.4
		TC	280	280	280	350	280	350	210	210	220	280	350	430
128	D/s Mandi, Beas River	Classification	B	B	B	B	B	B	B	B	B	B	B	B
		pH	8.02	8.41	7.37	6.94	7.29	8.38	8.11	8.06	8.01	8.12	8.2	8.28
		DO	8.3	8.2	8.2	7.5	7.5	8	7.5	7	8.4	6.5	6	7
		BOD	0.8	1.2	1.5	0.4	0.2	0.5	0.3	0.2	0.7	0.3	0.5	0.9

129	D/s Slapper, Satluj River	TC	540	540	430	350	280	350	350	430	540	240	350	430
		Classification	C	C	B	B	B	C	B	B	C	B	B	B
		pH	7.65	8.15	7.8	8.33	8.19	8.26	8.08	8.15	8.2	8.36	8.33	8.13
		DO	7.8	8.5	8.4	7.9	6.5	7.2	9.1	8	8	6.5	6.5	7
		BOD	0.4	0.3	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.4	0.5
		TC	350	350	240	350	350	430	240	240	240	280	430	350
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
130	R. Beas U/S before conf. of Manalsu Nalla	pH	8.44	8.13	7.55	8.23	8.05	8.1	8.2	7.64	8.45	7.89	7.84	7.61
		DO	7.7	8	8.1	7.6	8.1	7.7	7.6	7.8	8.1	7.9	7.9	7.6
		BOD	0.3	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.4
		TC	280	350	280	220	210	280	210	170	150	170	240	130
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
131	R.Sainj, D/s Largi	pH	7.74	8.06	7.31	8.28	7.34	8.06	8.44	8.42	7.71	8.14	8.22	8.04
		DO	7.9	8.1	7.8	7.8	8	8	7.9	7.8	7.9	7.7	8	7.9
		BOD	0.2	0.3	0.2	0.1	0.1	0.2	0.1	0.1	0.6	0.5	0.3	0.4
		TC	210	350	350	280	210	220	150	140	220	140	170	430
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
132	Parvati River, before conf. to R. Beas at Bhunter	pH	7.65	7.6	7.67	8.44	6.92	7.45	7.98	7.81	7.66	7.74	7.68	7.53
		DO	7.9	7.5	7.7	7.9	8	7.5	7.9	8.2	8.1	7.7	7.8	7.9
		BOD	0.2	0.6	0.4	0.3	0.2	0.4	0.2	0.3	0.5	0.3	0.4	0.4
		TC	280	350	350	280	220	350	430	350	280	240	350	430
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
133	D/s Bilaspur at Govindsagar	pH	7.72	7.93	7.90	8.12	8.42	8.15	8.45	7.92	8.17	8.14	8.25	8.08
		DO	7.8	7.8	8.2	7.2	7.5	8.1	7.6	8.3	7.8	8.2	8.3	8.3
		BOD	0.6	1.5	1.8	1.2	0.5	0.7	0.6	0.8	0.6	0.6	0.5	0.9
		TC	540	540	430	540	540	540	540	920	540	540	920	540
		Classification	C	C	B	C	C	C	C	C	C	C	C	C
134	U/s Mandi, Beas River	pH	8.07	7.55	7.28	8.46	8.18	8.4	8.13	8.05	6.93	7.9	8.09	8.15
		DO	8.6	8	7.5	5.5	7.2	8.5	7	7	8.4	7	6.5	7
		BOD	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.3

135	River Beas, U/s Kullu	TC	240	220	280	170	150	210	140	130	210	150	170	210
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
		pH	7.65	7.76	7.52	8.18	8.02	8.16	8.02	7.92	7.71	7.95	7.84	8.09
		DO	8.1	7.8	7.8	7.6	8	7.9	8.3	7.6	8	8.1	7.9	7.9
		BOD	0.4	0.8	0.4	0.3	0.2	0.3	0.4	0.3	0.4	0.6	0.4	1
		TC	350	540	430	350	220	280	350	350	540	280	350	280
136	River Beas, D/s Manali	Classification	B	C	B	B	B	B	B	B	C	B	B	B
		pH	7.32	7.82	7.81	7.56	8.42	7.01	7.8	7.52	7.03	7.6	7.27	7.89
		DO	7.7	7.8	7.8	7.6	8.3	7.6	7.9	8.1	7.9	7.9	7.9	7.9
		BOD	2.6	2.2	2.2	1.9	2.2	2.5	1.8	1.9	0.8	1	1.4	1.7
		TC	>1600	>1600	>1600	1600	>1600	>1600	>1600	>1600	920	920	920	920
		Classification	C	C	C	C	C	C	C	C	C	C	C	C
137	R.Beas, D/s Pandoh Dam	pH	7.73	7.53	8.31	8.44	7.02	8.1	8.12	7.83	7.9	7.89	8.00	8.34
		DO	8.6	7.4	8.2	6.5	6.5	8.3	7.5	8	7.9	7	6.2	7
		BOD	0.7	0.5	0.9	0.3	0.4	0.3	0.2	0.3	0.4	0.2	0.3	0.4
		TC	430	920	350	280	240	350	430	350	280	210	280	350
		Classification	B	C	B	B	B	B	B	B	B	B	B	B
138	River Parvati, U/s Manikaran	pH	8.05	7.95	6.84	7.08	7.67	8	7.44	8.41	7.76	7.32	8.2	8.07
		DO	8.1	7.9	7.7	8.1	8.1	7.9	8.1	7.8	8	8.1	8.1	7.9
		BOD	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2
		TC	170	150	140	150	170	240	120	110	150	70	210	220
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
139	River Parvati, D/s Manikaran	pH	7.4	7.62	6.90	6.62	7.44	8.64	7.47	8.25	7.69	8.45	8.14	7.63
		DO	8.1	7.7	7.7	8.1	8.1	7.7	8.1	7.8	7.8	7.9	7.9	7.7
		BOD	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.3	0.3	0.4	0.4
		TC	280	210	220	240	280	280	170	130	170	280	350	350
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
140	D/s Mandi, Suketi Khudd	pH	8.03	7.92	7.87	8.35	7.8	8.25	8.08	7.95	8.05	7.81	8.03	7.78
		DO	8.2	7.5	7.0	8	8	8.5	7	6.5	7.5	6	6.5	6
		BOD	2.8	2.2	2.7	0.8	1	0.8	0.6	0.5	1.2	0.8	1	1.9

		TC	540	920	920	540	540	540	220	350	920	350	430	540
		Classification	C	C	C	C	C	C	B	B	C	B	B	C
141	Rewalsar Lake	pH	7.82	7.66	7.71	8.42	7.78	7.65	7.62	7.48	7.3	8.1	8.4	7.55
		DO	7.2	7.1	7.5	7.8	8	7.5	8.2	8.5	7.5	7	7	7
		BOD	1.6	2.2	1.8	1.9	1.8	2.1	1.5	0.9	1.4	1.2	1.4	2.2
		TC	1600	1600	920	1600	1600	540	920	920	1600	540	920	1600
		Classification	C	C	C	C	C	C	C	C	C	C	C	C
142	Sarvari Nalla before conf. to R. Beas	pH	7.81	7.85	7.71	7.06	7.92	8.1	8.08	8.15	7.97	8.11	8.14	7.98
		DO	7.7	7.7	7.6	7.9	7.9	7.8	7.8	7.6	7.8	8.3	8.1	7.7
		BOD	0.2	0.3	0.2	0.6	0.3	0.3	0.2	0.1	0.1	0.2	0.3	0.7
		TC	280	350	280	240	280	280	220	430	280	170	210	280
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
143	Baragram Nalla before conf. to R. Beas	pH	7.48	7.55	7.93	7.81	8.4	7.8	7.74	7.94	7.53	7.94	7.84	8.34
		DO	8.2	8	8.1	7.9	8.1	7.56	8.4	8.2	8.1	8.2	8	8.3
		BOD	0.2	0.2	0.1	0.1	0.2	0.3	0.2	0.2	0.1	0.2	0.3	1
		TC	240	280	220	170	150	210	210	240	220	150	210	120
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
144	River Satluj D/S ACC Barmana (4032)	pH	7.64	7.84	7.77	8.28	8.28	8.3	8.18	8.16	8.15	8.19	8.29	8.22
		DO	8.3	8.6	8.3	7.6	7.8	8.5	8.8	8.8	8.5	8.4	8.7	8.5
		BOD	0.5	0.8	0.9	0.7	0.5	0.4	0.3	0.2	0.1	0.3	0.3	0.2
		TC	280	350	210	210	280	280	350	170	240	280	240	280
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
145	River Satluj Near Luhnoo Ground	pH	8.05	7.94	7.93	8.14	8.41	8.48	8.42	8.26	8.12	8.21	8.28	8.05
		DO	8.0	8.2	7.8	7.5	7.2	8.4	7.4	8	7.6	7.7	7.9	8.1
		BOD	1.8	2.1	1.2	0.5	1.8	0.6	0.8	0.9	1.4	0.6	1.2	0.9
		TC	540	920	1600	540	540	1600	540	540	920	540	1600	540
		Classification	C	C	C	C	C	C	C	C	C	C	C	C
146	R. Beas D/s Manalsu Nalla	pH	8.48	7.73	8.4	8.39	7.79	6.94	7.73	7.63	7.9	7.93	8.4	7.98
		DO	7.8	8	7.7	7.7	8.1	7.6	7.8	7.9	8.2	8.1	8	7.8
		BOD	0.2	0.6	0.5	0.4	0.3	0.2	0.1	0.2	0.1	0.6	0.5	0.8

		TC	220	430	280	240	210	210	240	280	210	210	280	350
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
147	R. Tirthan before conf to R. Sainj	pH	7.65	7.7	8.12	7.83	8.39	8.01	7.81	7.91	8.02	8.02	8.24	8.22
		DO	7.9	8.3	7.8	7.9	8.1	7.9	8.1	8.3	8	8.1	8.2	8.1
		BOD	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
		TC	150	240	220	210	150	210	150	120	140	130	150	170
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
148	R. Beas at Raison	pH	7.55	7.74	8.36	7.57	8.15	7.99	7.72	8.18	7.74	7.68	7.61	8.15
		DO	7.9	7.9	7.9	7.6	8.1	7.6	7.8	7.9	8.4	7.9	7.8	7.8
		BOD	0.3	0.4	0.5	0.2	0.6	0.4	0.2	0.3	0.2	0.8	0.5	0.7
		TC	430	430	540	430	350	280	280	240	210	210	240	170
		Classification	B	B	C	B	B	B	B	B	B	B	B	B
149	R. Beas D/s of WPF Manali	pH	7.24	7.63	7.94	7.6	8.13	7.96	7.4	7.11	7.4	7.77	7.26	8.06
		DO	7.6	7.9	7.7	7.7	8	7.7	7.9	7.8	8.2	7.8	7.8	8
		BOD	2.8	2.6	2.4	2	2.6	2.8	2.4	2	1.7	1.6	2	2.7
		TC	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	>1600	920	>1600	920
		Classification	C	C	C	C	C	C	C	C	C	C	C	C
150	R. Beas D/s of WPF Kullu	pH	7.6	7.95	8.25	7.96	7.75	7.73	8.34	7.98	7.91	7.82	7.6	7.93
		DO	7.9	7.6	7.8	8.1	8	8	8.1	7.8	8.1	7.9	7.8	7.7
		BOD	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	1.1
		TC	280	430	280	350	240	240	280	280	280	350	240	240
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
151	Alhi River Nog (near WSS intake) tributary of R. Satluj	pH	7.87	8.41	8.12	8.13	8.4	8.29	8.27	8.34	8.4	8.17	8.42	8.26
		DO	8.2	8.4	8.6	8.1	8.1	8.6	8.3	8.6	8.8	8.6	8.9	8.7
		BOD	0.2	0.1	0.3	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.3	0.2
		TC	220	240	240	220	220	350	170	150	210	220	280	280
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
152	Harabag (Intake from BBMB	pH	7.02	7.24	6.75	8.34	7.19	7.14	7.15	7.97	7.16	7.5	7.72	8.06
		DO	8.5	8.2	8.4	8.6	7.5	7	7.5	9	8.5	7	8	9
		BOD	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.3	0.2

	source- BBMB Adit Harabag) water Saving	TC	210	280	210	170	220	210	140	220	240	220	280	240
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
153	Manalsu nalla (WSS from Manali town) U/s of Old Manali	pH	8.45	8.14	7.83	7.85	8.3	8.27	7.4	7.21	7.44	7.85	7.54	7.58
		DO	8.9	7.9	8.2	8.1	8.2	8.1	8.3	8.3	7.9	8.5	7.9	8.1
		BOD	0.4	0.4	0.5	0.2	0.3	0.3	0.2	0.2	0.1	0.4	0.4	0.6
		TC	350	280	350	430	280	240	240	350	240	280	280	220
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
154	Khalada nalla WSS Kullu Town	pH	7.93	8.13	7.96	7.17	8.1	8.24	8.22	8.26	8.14	8.05	8.48	8.21
		DO	7.9	6.5	7.7	8.3	7.9	7.9	8	8.3	8	8	8.2	8.1
		BOD	0.4	0.8	0.4	0.5	0.4	0.6	0.5	0.7	0.2	0.2	0.3	0.6
		TC	430	540	240	240	280	540	350	540	210	150	170	220
		Classification	B	C	B	B	B	C	B	C	B	B	B	B
155	River Uhl D/S of IIT Mandi	pH	7.59	7.49	7.62	7.72	8.02	8.46	7.89	8.01	7.81	7.88	8.19	8.27
		DO	9.1	8.9	8.6	8	7	8	7.5	8	8	7.5	6.5	7.5
		BOD	0.3	0.6	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.3	0.2
		TC	220	220	350	170	240	350	170	140	220	240	210	240
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
156	Suketi Khad D/s SWM Site at Sunder Nagar	pH	7.81	7.64	7.44	7.87	7.89	7.46	7.53	8.01	7.72	6.85	7.84	7.94
		DO	7.8	7.2	7.2	6.5	6.5	6.2	5.5	6.5	6	6	5.5	5.5
		BOD	0.4	1.8	1.8	1.5	0.4	0.6	1.2	1.2	1.5	0.5	1.4	2.1
		TC	430	540	>1600	920	430	1600	920	220	920	920	1600	920
		Classification	B	C	C	C	B	C	C	B	C	C	C	C
157	Seer Khad U/s intake point of WSS Ghumarwin Town	pH	7.73	8.09	7.2	7.56	8.48	9.22	8.42	8.3	8.36	8.22	8.37	8.46
		DO	8.3	8.2	7.4	7.8	8.3	7.7	8.6	8.2	8.6	7.9	8.2	8.8
		BOD	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.3	0.2
		TC	240	240	280	240	240	220	350	540	240	170	220	280
		Classification	B	B	B	B	B	B	B	C	B	B	B	B
158	Hurla Nalla D/s Hurla Nalla bridge	pH	7.46	8.14	8.3	8.16	8.04	8.13	8.09	7.02	7.91	8.12	8.36	7.97
		DO	8	7.5	7.9	7.9	8	8	7.8	8.1	8	7.9	8.1	7.4
		BOD	0.7	0.7	0.4	0.5	0.2	0.6	0.5	0.3	0.2	0.4	0.4	0.3

		TC	540	430	430	350	540	430	430	150	210	210	280	240
		Classification	C	B	B	B	C	B	B	B	B	B	B	B
159	River Bhagga U/S Before Confluence to River Chenab	pH	7.57	8.28	8.3	7.87	7.66	7.74	7.49	7.94	Sample could not be collected due to inaccessibility of	Sample could not be collected due to snow bound	Sample could not be collected due to snow bound	--
		DO	8.1	8.2	7.8	8.9	8.1	8	8	8.7				--
		BOD	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1				--
		TC	220	170	240	210	220	240	120	140				--
		Classification	B	B	B	B	B	B	B	B				--
160	River Chandra U/S Before Confluence to River Chenab	pH	7.45	8.17	8	7.85	7.9	7.78	8.25	7.9	Sample could not be collected due to inaccessibility of	Sample could not be collected due to snow bound	Sample could not be collected due to snow bound	--
		DO	7.8	8.1	7.5	8.1	8.2	7.6	7.9	8.9				--
		BOD	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1				--
		TC	240	210	220	240	220	280	130	170				--
		Classification	B	B	B	B	B	B	B	B				B
161	River Chenab D/S at Tandri (L & S)	pH	7.44	8.15	8.01	8.04	8.41	7.98	7.31	8.02	Sample could not be collected due to inaccessibility of	Sample could not be collected due to snow bound	Sample could not be collected due to snow bound	--
		DO	8.0	8	7.7	8.9	8.2	7.9	7.6	8.4				--
		BOD	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2				--
		TC	280	240	280	220	280	280	170	210				--
		Classification	B	B	B	B	B	B	B	B				--
162	River Beas D/S New Bajaura Bridge	pH	7.17	8.11	8.1	8.41	8.49	7.48	7.67	8.18	7.57	7.88	7.88	7.67
		DO	7.9	7.6	7.5	7.9	8	8.1	8	8	8.00	8.00	8.1	7.6
		BOD	1.4	0.9	1.2	1.8	0.8	0.8	0.3	0.9	0.5	0.5	0.7	0.5
		TC	540	540	540	130	540	540	540	540	350	170	430	430
		Classification	C	C	C	B	C	C	C	C	B	B	B	B
163	lifting WSS Shamshi near sabzi Mandi Bhunter	pH	7.72	--	--	--	--	--	7.17	--	--	--	--	--
		DO	--	--	--	--	--	--	--	--	--	--	--	--
		BOD	0.2	--	--	--	--	--	0.1	--	--	--	--	--
		TC	240	--	--	--	--	--	210	--	--	--	--	--
		Classification	--	--	--	--	--	--	--	--	--	--	--	--
164	Rukmani Kund Vill. Barsant, Bhadutta	pH	7.26	--	--	7.08	--	--	7.79	--	--	7.61	--	--
		DO	8.6	--	--	8.5	--	--	8.4	--	--	8.7	--	--
		BOD	0.1	--	--	0.1	--	--	0.1	--	--	0.1	--	--

	Jharkhand	TC	5.6	--	--	3.6	--	--	<1.8	--	--	3.6	--	--
		Classification	--	--	--	--	--	--	--	--	--	--	--	--
165	Chander Tal Lake	pH					8.27							
		DO					6.4							
		BOD					0.1							
		TC					<1.8							
		Classification					--							
166	River Yamuna U/s Paonta Sahib	pH	8.11	7.36	8.35	7.97	7.80	7.65	8.25	7.04	8.15	8.19	8.16	8.00
		D.O mg/l	7.9	7.8	7.9	7.5	6.3	7.3	8.1	8.1	8.2	8.1	8.3	8.4
		BOD mg/l	1.9	1.6	1.2	2.5	2.4	1.6	1.2	1.0	1.0	1.3	1.1	1.3
		T.C. MPN /100ml	220.0	130.0	170.0	220.0	170.0	130.0	130.0	130.0	94.0	220.0	220.0	170.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
167	River Yamuna D/s Paonta Sahib	pH	8.30	8.14	8.22	7.92	8.20	7.68	8.18	7.92	8.11	8.17	7.98	7.96
		D.O mg/l	7.9	8.0	7.8	7.5	6.3	7.3	8.2	8.3	8.4	8.2	8.3	8.4
		BOD mg/l	2.8	2.5	1.9	3.6	3.3	2.1	1.8	1.6	1.6	2.3	2.1	1.8
		T.C. MPN /100ml	540.0	540.0	540.0	540.0	540.0	280.0	540.0	280.0	350.0	540.0	920.0	350.0
		Classification	C	C	C	D	D	B	C	B	B	C	C	B
168	River Batta U/s Paonta Sahib	pH	8.18	8.15	8.21	7.08	8.10	7.94	7.90	7.36	7.65	7.88	7.72	8.12
		D.O mg/l	8.0	8.0	7.9	7.5	6.3	7.3	8.3	8.5	8.6	8.4	8.3	8.8
		BOD mg/l	2.0	1.9	1.3	2.6	2.3	1.7	1.3	1.1	1.1	1.4	1.0	1.2
		T.C. MPN /100ml	170.0	220.0	220.0	350.0	220.0	170.0	170.0	94.0	94.0	170.0	280.0	170.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
169	River Batta D/s Paonta Sahib (B/c to River Yamuna)	pH	8.20	8.18	8.29	7.35	8.00	7.87	8.13	7.84	8.10	8.16	7.73	8.08
		D.O mg/l	7.9	7.9	7.8	7.4	6.4	7.4	8.1	8.2	8.3	8.2	8.4	8.4
		BOD mg/l	2.2	1.8	1.4	2.4	2.6	1.9	1.4	1.2	1.2	1.5	1.2	1.3
		T.C. MPN /100ml	280.0	280.0	280.0	280.0	280.0	170.0	140.0	170.0	140.0	220.0	220.0	220.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
170	River Yamuna	pH	8.33	8.16	8.3	7.96	8.16	7.37	8.25	7.96	8.15	8.15	8.06	8.02

	U/S of Sun Pharmaceuticals	D.O mg/l	8.0	7.9	7.9	7.6	6.4	7.4	7.9	8.3	8.3	8.0	8.4	8.5
		BOD mg/l	2.1	2.2	1.6	2.9	2.7	1.8	1.5	1.4	1.3	1.9	1.3	1.6
		T.C. MPN /100ml	350.0	350.0	350.0	350.0	350.0	220.0	350.0	220.0	170.0	350.0	350.0	280.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
171	River Yamuna D/S of Sun Pharmaceuticals	pH	8.32	8.14	8.37	8.08	8.25	7.73	8.26	8.04	8.33	8.16	8.04	8.03
		D.O mg/l	8.0	7.8	7.8	7.6	6.4	7.4	8.1	8.2	8.4	8.2	8.4	8.4
		BOD mg/l	2.6	2.6	1.8	3.5	3.2	2.0	1.7	1.5	1.2	2.1	1.9	1.7
		T.C. MPN /100ml	540.0	540.0	920.0	540.0	540.0	280.0	540.0	350.0	280.0	540.0	540.0	350.0
		Classification	C	C	C	C	D	B	C	B	B	C	C	B
172	River Giri D/s CCI India, Rajban	pH	7.94	7.93	8.21	8.00	7.99	7.77	8.12	7.30	8.08	8.17	7.78	8.00
		D.O mg/l	7.8	8.0	7.8	7.6	6.4	7.4	8.1	8.5	8.7	8.2	8.4	8.6
		BOD mg/l	1.7	1.2	1.4	2.8	2.8	1.0	1.4	1.2	1.0	1.6	1.2	1.2
		T.C. MPN /100ml	110.0	140.0	220.0	170.0	280.0	170.0	130.0	110.0	70.0	170.0	170.0	220.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
173	River Giri D/s Sataun	pH	8.08	8.06	8.16	8.08	7.94	7.95	8.15	7.93	8.26	8.26	7.81	7.81
		D.O mg/l	7.9	7.9	7.8	7.5	6.5	7.5	8.2	8.4	8.5	8.1	8.5	8.5
		BOD mg/l	1.5	1.3	1.3	2.8	3.2	1.2	1.5	1.1	1.1	1.9	1.3	1.4
		T.C. MPN /100ml	140.0	170.0	280.0	350.0	350.0	170.0	170.0	140.0	110.0	220.0	280.0	280.0
		Classification	B	B	B	B	D	B	B	B	B	B	B	B
174	River Giri U/s CCI Mines	pH	8.15	8.15	8.14	7.31	8.05	7.83	8.24	8.03	7.69	7.86	7.12	7.92
		D.O mg/l	8.0	8.0	7.9	7.5	6.5	7.5	8.0	8.6	8.6	8.4	8.5	8.8
		BOD mg/l	1.2	1.0	1.0	2.6	2.3	1.0	1.0	1.1	1.0	1.2	1.0	1.2
		T.C. MPN /100ml	94.0	94.0	140.0	280.0	140.0	94.0	70.0	33.0	70.0	140.0	70.0	140.0
		Classification	B	B	B	B	B	B	B	A	B	B	B	B
175	Renuka Ji Lake	pH	8.25	8.13	7.81	7.10	8.12	7.87	8.27	7.62	8.05	8.05	8.06	7.69
		D.O mg/l	8.0	7.8	6.9	6.9	7.8	7.9	7.8	7.7	7.9	7.4	7.1	7.1
		BOD mg/l	1.9	1.7	1.5	1.2	1.4	1.2	1.6	1.3	1.3	1.6	1.6	1.2
		T.C. MPN /100ml	280.0	220.0	350.0	240.0	350.0	170.0	220.0	350.0	220.0	350.0	540.0	280.0

		Classification	B	B	B	B	B	B	B	B	B	B	C	B
176	River Giri D/s Rajgarh Town	pH	8.31	8.25	8.26	7.97	8.14	8.19	8.33	8.26	8.24	7.95	8.14	6.98
		D.O mg/l	8.2	8.0	7.9	7.9	8.1	7.9	7.8	7.9	7.9	7.6	7.6	7.8
		BOD mg/l	1.7	1.4	1.4	2.8	2.1	2.0	1.5	1.2	1.8	1.2	1.0	1.4
		T.C. MPN /100ml	220.0	140.0	220.0	240.0	280.0	140.0	150.0	130.0	220.0	170.0	140.0	170.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
177	River Giri U/s proposed site of Shri Renuka Ji Dam site.	pH	8.32	7.81	8.26	7.56	8.19	8.20	8.29	8.18	8.24	7.89	8.12	8.02
		D.O mg/l	7.9	7.7	7.8	7.8	7.9	7.8	7.7	7.9	7.8	7.6	7.4	7.8
		BOD mg/l	1.6	1.3	1.3	2.3	2.1	1.7	1.3	1.1	1.0	1.4	1.2	1.2
		T.C. MPN /100ml	220.0	140.0	220.0	280.0	170.0	140.0	170.0	130.0	240.0	170.0	280.0	170.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
178	River Giri D/s proposed site of Shri Renuka ji Dam site at Dadahu-Renuka ji bridge	pH	8.29	8.17	8.37	7.86	8.10	8.13	8.30	8.26	7.01	8.15	8.14	8.13
		D.O mg/l	7.9	7.7	7.7	7.7	7.8	7.7	7.6	7.8	7.7	7.5	7.4	7.9
		BOD mg/l	1.8	1.6	1.4	2.4	2.3	1.9	1.4	1.2	1.2	1.4	1.3	1.4
		T.C. MPN /100ml	350.0	170.0	280.0	350.0	280.0	170.0	170.0	170.0	350.0	170.0	220.0	220.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
179	River Giri D/s proposed site of Shri Renuka ji Dam	pH	8.32	8.23	8.33	7.82	8.18	8.20	8.36	8.30	8.02	8.20	8.13	8.03
		D.O mg/l	7.9	7.7	7.8	7.8	7.8	7.7	7.6	7.8	7.7	7.5	7.5	7.9
		BOD mg/l	1.9	1.6	1.4	2.3	2.5	1.9	1.4	1.2	1.1	1.5	1.0	1.5
		T.C. MPN /100ml	350.0	170.0	280.0	350.0	350.0	220.0	170.0	170.0	280.0	220.0	170.0	220.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
180	River Giri D/s Kalgidhar Trust, Baru Sahib	pH	8.3	8.19	8.35	7.64	8.03	8.23	8.32	8.27	8.08	8.27	7.14	8.08
		D.O mg/l	8.1	7.9	7.7	7.7	8.0	7.8	7.8	7.8	7.8	7.7	7.6	7.7
		BOD mg/l	1.5	1.5	1.3	2.1	2.2	1.6	1.3	1.1	1.2	1.2	1.0	1.3
		T.C. MPN /100ml	170.0	130.0	170.0	280.0	350.0	130.0	140.0	140.0	170.0	140.0	140.0	140.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
181	River Markanda at Shambhugala	pH	7.88	8.13	6.95	7.72	8.02	8.03	8.10	8.12	7.87	7.91	7.32	7.63
		D.O mg/l	7.8	7.5	7.6	7.5	7.6	7.7	7.9	8.1	8.0	8.2	8.0	8.1

	Shamunuwala, Distt. Sirmour	BOD mg/l	2.1	1.9	1.2	1.8	1.6	1.2	1.2	1.0	1.0	1.5	1.5	1.2
		T.C. MPN /100ml	280.0	350.0	220.0	240.0	220.0	150.0	220.0	170.0	140.0	280.0	220.0	170.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
182	Taalo Nala (From Nahan Town) at Khadar ka Bagh B/c to River Markanda	pH	8.18	7.99	7.76	7.54	8.32	8.10	8.02	7.28	7.88	7.97	7.75	7.72
		D.O mg/l	7.7	7.4	7.0	7.4	7.5	7.6	7.8	8.0	7.9	7.9	7.8	7.8
		BOD mg/l	2.6	2.5	1.7	2.0	2.0	2.0	2.0	1.4	1.6	2.0	2.2	1.5
		T.C. MPN /100ml	540.0	540.0	350.0	540.0	350.0	280.0	220.0	280.0	540.0	350.0	540.0	350.0
		Classification	C	C	B	C	B	B	B	B	C	B	C	B
183	Salani Khad Near Bridge NH-7 Moginand Kala Amb	pH	7.98	Source Dried		7.41	8.38	8.02	8.14	7.84	7.83	7.99	7.83	7.97
		D.O mg/l	7.6			7.2	7.4	7.5	7.7	7.8	7.8	8.0	7.9	7.9
		BOD mg/l	2.4			2.1	2.2	1.7	1.7	1.5	1.4	1.9	2.0	1.6
		T.C. MPN /100ml	350.0			540.0	280.0	220.0	350.0	220.0	350.0	280.0	540.0	350.0
		Classification	B			C	B	B	B	B	B	B	C	B
184	Markanda River a/c with Salani Khad at Moginand, Kalaamb	pH	7.90	8.02	7.71	7.51	8.11	8.05	7.27	7.90	8.06	7.75	8.02	8.15
		D.O mg/l	7.6	7.6	7.2	7.6	7.5	7.6	7.9	7.9	8.1	8.3	8.0	8.1
		BOD mg/l	2.8	1.9	1.4	2.0	1.8	1.3	1.3	1.2	1.2	1.6	1.8	1.3
		T.C. MPN /100ml	920.0	220.0	280.0	350.0	220.0	210.0	220.0	140.0	220.0	170.0	280.0	220.0
		Classification	C	B	B	B	B	B	B	B	B	B	B	B
185	Rampur Jattan Moginand Nalla Before conf. to River Markanda Near Radha Swami	pH	7.74	7.15	7.97	7.79	8.26	7.87	7.68	8.12	7.19	7.57	7.25	7.57
		D.O mg/l	5.5	5.0	5.8	6.0	5.0	5.5	5.0	5.5	5.4	6.1	5.5	5.0
		BOD mg/l	3.6	5.5	3.6	2.7	3.4	2.8	2.7	2.7	2.8	2.8	2.7	5.8
		T.C. MPN /100ml	5400.0	4600.0	540.0	4600.0	540.0	540.0	9200.0	920.0	3200.0	920.0	1620.0	108000.0
		Classification	D	D	D	C	D	C	D	C	C	C	C	D
186	Markanda River a/c of Rampur Jattan Moginand Nallah	pH	7.99	8.06	7.93	7.36	8.25	8.08	7.99	6.81	7.94	8.11	7.89	8.06
		D.O mg/l	7.7	7.4	7.3	7.4	7.5	7.5	7.8	7.8	8.0	8.1	8.1	7.8
		BOD mg/l	2.0	2.4	2.0	1.9	2.7	2.0	1.7	1.5	1.2	2.0	2.0	1.7
		T.C. MPN /100ml	280.0	540.0	350.0	920.0	350.0	350.0	920.0	350.0	920.0	540.0	350.0	540.0

		Classification	B	C	B	C	B	B	C	B	C	C	B	C
187	River Markanda U/s Kala Amb	pH	8.07	8.26	7.81	7.95	8.16	7.96	8.07	7.95	7.60	8.13	8.34	8.20
		D.O mg/l	7.7	7.6	7.4	7.4	7.4	7.6	7.8	7.9	7.8	8.2	8.0	7.9
		BOD mg/l	2.5	2.3	1.6	2.0	2.7	1.8	1.8	1.5	1.3	1.8	1.8	1.7
		T.C. MPN /100ml	350.0	280.0	280.0	350.0	280.0	280.0	350.0	220.0	280.0	180.0	280.0	350.0
		Classification	B	B	B	B	B	B	B	B	B	B	B	B
188	River Markanda D/s Kala Amb	pH	7.96	8.20	7.90	7.49	8.21	7.99	7.36	8.26	8.31	7.75	8.32	8.15
		D.O mg/l	7.6	7.5	7.2	7.3	7.4	7.6	7.7	7.8	7.8	8.1	7.8	7.8
		BOD mg/l	2.7	2.4	1.8	2.1	2.8	1.9	1.9	1.6	1.6	2.0	2.0	1.8
		T.C. MPN /100ml	540.0	350.0	350.0	540.0	350.0	350.0	540.0	220.0	350.0	350.0	350.0	350.0
		Classification	C	B	B	C	B	B	C	B	B	B	B	B
189	Roon Nallah Near Meerpur Kotla, Gurudwara	pH	Source Dried			8.04	7.85	8.18	7.68	8.13	7.98	7.95	7.63	7.28
		D.O mg/l				7.2	7.5	7.7	7.9	7.9	8.0	7.9	7.9	7.9
		BOD mg/l				1.6	2.9	1.5	1.4	1.3	1.1	1.6	1.2	1.4
		T.C. MPN /100ml				280.0	280.0	170.0	350.0	170.0	170.0	280.0	170.0	220.0
		Classification				B	B	B	B	B	B	B	B	B
190	River Sirsa U/s Sitomajari	pH	7.25	7.15	6.85	7.78	7.82	8.23	8.21	7.73	7.62	7.74	7.73	7.81
		D.O mg/l	6.8	6.2	6.8	6.9	6.8	6.3	5.5	5.9	5.6	6.1	6.6	5.9
		BOD mg/l	0.6	0.4	0.8	10	1.4	0.3	0.4	4.2	1.6	0.4	1.2	2
		T.C. MPN /100ml	220	46	280	>1600	220	280	350	>1600	350	33	94	540
		Classification	B	A	B	D	B	B	B	D	B	A	B	C
191	River Sirsa D/s Nalagarh Bridge	pH	7.62	7.49	7.18	8.34	7.85	8.16	7.5	8.17	7.95	7.4	7.45	7.41
		D.O mg/l	6.3	6.6	6.8	6.7	6.7	6.1	5.4	5	5.4	3.6	4.3	5.6
		BOD mg/l	4.4	2.2	1.7	3	1.5	0.4	2.4	3.8	2	17	6	6
		T.C. MPN /100ml	>1600	280	280	>1600	350	540	920	>1600	540	>1600	>1600	>1600
		Classification	D	B	B	D	B	C	C	D	C	E	D	D
192	River Sirsa at D/s Nalagarh Town	pH	7.69	7.56	7.3	8.28	7.46	8.15	7.56	7.71	7.86	7.53	7.54	7.52
		D.O mg/l	6.3	6.5	6.7	6.7	6.7	6.2	5.3	5.2	5.6	3.5	4	5.4

	100m	BOD mg/l	3.6	3.2	3.4	3.4	1.2	0.4	2.3	3	0.4	12	10	5.6
		T.C. MPN /100ml	>1600	540	920	>1600	210	240	920	920	240	>1600	>1600	>1600
		Classification	D	D	D	D	B	B	C	C	B	E	D	D
193	Bhatianya Nallah D/s Sara Textile Nalagrh	pH	7.76	7.35	7.4	8.19	8.05	7.34	7.55	8.61	8.2	8.18	8.1	8.18
		D.O mg/l	5.2	6.4	6.2	6.5	6.2	5.1	5.3	5.2	3.5	5.1	5.6	6.1
		BOD mg/l	0.6	1.4	1.6	0.3	1.3	0.6	2.8	0.1	6	2	16	2
		T.C. MPN /100ml	280	340	540	22	130	280	1600	27	>1600	70	>1600	350
		Classification	B	B	C	A	B	B	C	C	E	B	D	B
194	Bhatianya Nallah U/s Bhatinya Village Nalagrh	pH	7.36	7.2	DRY	8.05	7.78	7.74	ample not tak	8.3	8.09	8.02	8.01	8.16
		D.O mg/l	4.1	5.4	DRY	5.6	5.5	4.5	ample not tak	2	4	2.5	2.5	3.3
		BOD mg/l	2.9	80	DRY	26	0.8	2	ample not tak	200	4	9	26	4.6
		T.C. MPN /100ml	920	>1600	DRY	>1600	46	>1600	ample not tak	>1600	1600	920	>1600	>1600
		Classification	C	D	NA	D	B	D	NA	E	D	E	E	E
195	River Bald D/s Land fill site Baddi	pH	7.18	DRY	DRY	8.05	8.13	8.2	7.27	7.75	7.52	7.38	Dry	7.39
		D.O mg/l	6.1	DRY	DRY	6.1	6.3	5	5.4	2.2	5.2	4.2	Dry	4.4
		BOD mg/l	14	DRY	DRY	1	0.5	0.4	1	7	20	44	Dry	15
		T.C. MPN /100ml	>1600	DRY	DRY	280	49	350	280	>1600	>1600	>1600	Dry	>1600
		Classification	D	NA	NA	B	A	B	B	E	D	D	NA	D
196	River Sirsa U/s Sandholi Nallaha	pH	7.41	7.3	7.13	8.01	7.78	7.72	7.54	8.01	ample not tak	7.61	7.65	7.69
		D.O mg/l	5.1	6.2	6.6	6.7	6.8	5.3	5.6	5.6	ample not tak	4.3	5.5	5.3
		BOD mg/l	2.3	2.3	2.6	12	1.7	0.3	0.4	3.6	ample not tak	16	1.6	1.8
		T.C. MPN /100ml	1600	340	540	>1600	350	350	280	>1600	ample not tak	>1600	140	350
		Classification	C	B	C	D	B	B	B	D	NA	D	B	B
197	River Sirsa D/s H. Board Nallah	pH	7.43	6.87	7.93	7.81	8.16	7.51	7.74	8.12	7.21	7.45	7.49	7.58
		D.O mg/l	4.2	4.9	5.8	6.1	5	5.1	4.7	5.4	4.5	5	3	3.2
		BOD mg/l	15	22	16	14	0.5	1.8	16	3.4	4	110	30	16
		T.C. MPN /100ml	>1600	>1600	>1600	>1600	94	>1600	>1600	1600	>1600	>1600	>1600	>1600

		Classification	D	D	D	D	B	D	D	D	D	D	E	E
198	River Ratta before conf.to River Sirsa	pH	7.52	7.3	7.18	7.77	7.78	7.46	7.23	7.6	7.88	7	7.09	7.18
		D.O mg/l	5.2	6.1	6.9	6.7	6.9	5.5	5.6	5.4	5.1	4.3	3	5.5
		BOD mg/l	16	5.8	2.8	2.2	1.3	2.5	4	12	8	300	70	120
		T.C. MPN /100ml	>1600	>1600	920	280	220	>1600	1600	>1600	>1600	>1600	>1600	>1600
		Classification	D	D	C	B	B	D	D	D	D	D	E	D
199	River Sirsa D/S River Ratta	pH	7.58	6.94	7.69	7.75	7.94	7.67	7.41	8.26	7.19	7.74	7.79	7.72
		D.O mg/l	5.4	6	6.3	6.4	5.2	5.3	5	6	5.4	5.2	4.1	5.3
		BOD mg/l	13	0.4	0.6	1	0.4	3.3	26	2	3.8	20	20	14
		T.C. MPN /100ml	>1600	40	46	110	40	>1600	>1600	170	1600	>1600	>1600	>1600
		Classification	D	A	A	B	B	D	D	B	D	D	D	D
200	River Sukhna at Parwanoo	pH	7.1	6.94	7.13	7.55	7.75	7.67	7.16	7.4	8.17	6.63	6.58	6.51
		D.O mg/l	0	0	0	1	5.3	6.8	4.6	4.2	4.6	3.9	3.5	2.9
		BOD mg/l	18	280	290	14	0.6	0.4	0.1	90	1.4	300	80	210
		T.C. MPN /100ml	>1600	>1600	>1600	>1600	39	70	49	>1600	170	>1600	>1600	>1600
		Classification	E	E	E	E	B	B	C	D	C	E	E	E
201	Ashwani at U/s Yaswant Nagar	pH	7.98	7.5	7.54	7.87	8.23	7.97	8.06	8	8.7	7.7	7.73	7.85
		D.O mg/l	6.5	7.7	7.8	7.8	7.6	8.6	8.8	8.6	8.7	8.7	8.3	8.1
		BOD mg/l	0.3	0.3	0.2	1.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		T.C. MPN /100ml	26	33	24	110	26	32	21	24	21	14	12	12
		Classification	A	A	A	B	A	A	A	A	C	A	A	A
202	Giri at D/s Yaswant Nagar	pH	7.92	8.09	7.47	7.81	8.1	7.89	7.37	7.97	7.96	7.7	7.73	7.65
		D.O mg/l	7.4	7.8	7.7	7.7	7.8	8.8	8.7	8.8	8.8	8.8	8.5	8.4
		BOD mg/l	0.3	0.2	0.3	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
		T.C. MPN /100ml	33	26	33	34	17	21	14	21	14	12	17	14
		Classification	A	A	A	A	A	A	A	A	A	A	A	A
203	Surajmukhi nallah U/s WCCS	pH	7.08	7.63	7.49	8.04	7.84	8.07	8.21	7.96	8.61	7.88	7.93	8.05
		D.O mg/l	7.4	8	7.9	7.9	7.2	8.7	7.2	7.7	7.5	9.5	8.7	8.2

	WSSS Galyana	BOD mg/l	0.4	0.1	0.1	0.1	0.3	0.1	0.2	0.1	0.2	0.2	0.9	0.4
		T.C. MPN /100ml	33	26	18	17	26	33	24	21	24	14	70	49
		Classification	A	A	A	A	A	A	A	A	C	A	B	A
204	Giri River Village Maryaog after Confl. Of R. Giri & Ashwani	pH	7.91	8	7.57	7.88	8.31	8.07	7.96	7.95	7.95	7.96	7.91	7.98
		D.O mg/l	7.7	7.8	7.4	7.4	8	8.8	8.8	9	9.5	9.2	9.2	8.6
		BOD mg/l	0.2	0.2	0.4	0.1	0.4	0.4	0.2	0.1	0.1	0.1	0.1	0.1
		T.C. MPN /100ml	22	26	33	17	39	49	27	17	14	12	12	14
		Classification	A	A	A	A	A	A	A	A	A	A	A	A
205	Kunni pul at Kunihaar	pH	7.66	6.02	6.57	8.33	8.35	8.01	8.08	8.51	8.47	7.71	7.74	7.68
		D.O mg/l	8.2	7.6	7.5	8	7.3	7.4	7.2	8.8	7.3	7.5	8.1	8.2
		BOD mg/l	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
		T.C. MPN /100ml	26	26	33	22	26	27	24	21	40	17	12	12
		Classification	A	C	A	A	A	A	A	C	A	A	A	A
206	The River Ashwani at Village Sadhupul,D/S Tehsil Kandaghat	pH	7.45	8.08	7.57	7.92	7.85	8.13	7.51	8.04	8.59	7.79	7.8	7.89
		D.O mg/l	8	6.8	6.9	6.9	7.9	8.7	7.7	8.2	7.2	7.7	7.9	8.1
		BOD mg/l	1.1	2.2	2.7	0.2	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1
		T.C. MPN /100ml	170	340	540	22	17	33	27	49	17	14	12	12
		Classification	B	B	C	A	A	A	A	A	C	A	A	A
207	Ashwani river @Sadhupul (u/s of bridge towards Chail)	pH	7.47	7.99	7.61	8.48	7.71	7.75	7.58	8.09	8.58	7.91	7.82	7.88
		D.O mg/l	7.8	6.7	6.8	6.8	7.6	8.5	7.8	7.9	6.8	7.5	7.8	8.3
		BOD mg/l	2.6	0.1	0.3	0.3	0.1	0.1	0.1	0.2	0.1	0.4	0.4	0.1
		T.C. MPN /100ml	280	26	39	27	17	32	17	27	17	21	21	12
		Classification	B	A	A	A	A	A	A	A	C	A	A	A
208	Surajmukhi nallah D/S STP Samti Solan	pH	7.08	7.63	7.52	7.8	7.79	Sample Not taken	8.13	7.94	8.54	8.06	8.12	8.01
		D.O mg/l	7	7.8	7.8	7.8	7.3	Sample Not taken	6.8	7.5	7.2	9	8.8	8.2
		BOD mg/l	0.1	0.2	0.2	0.1	0.4	Sample Not taken	0.1	0.1	0.1	0.3	0.8	0.4

		T.C. MPN /100ml	18	17	24	17	27	Sample Not taken	21	24	17	21	70	70
		Classification	A	A	A	A	A	NA	A	A	C	A	B	B

ANNEXURE-4A

Sr.No.	Name of location	Parameters	Apr-24	Jul-24	Oct-24	Jan-25
1	Hand pump near Vijaynagar Totu - Shimla	pH	8.12	**	7.78	**
		D.O mg/l	---	**	----	**
		BOD mg/l	BDL	**	BDL	**
		T.C. MPN 100ml	---	**	---	**
		Classification	A	**	A	**
2	RAH Reservoir at Hatkoti	pH	7.74	8.54	7.81	8.05
		D.O mg/l	7.4	7.6	7.6	7.9
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	20	920	350	140
		Classification	A	E	B	B
3	Hand Pump near Nogli at Rampur	pH	8.16	**	7.92	**
		D.O mg/l	**	**	**	**
		BOD mg/l	BDL	**	BDL	**
		T.C. MPN /100ml	6.8	**	<1.8	**
		Classification	A	**	A	**
4	Hand Pump at Recongpeo	pH	7.66	**	7.93	**
		D.O mg/l	**	**	**	**
		BOD mg/l	BDL	**	BDL	**
		T.C. MPN 100ml	6.8	**	<1.8	**
		Classification	A	**	A	**
5	Borewell of DIC Una at Ind. Area, Jeetpur Behri	pH	7.98	-	8.1	-
		D.O mg/l	---		---	
		BOD	BDL	-	BDL	-
		TC	21	-	110	-
		Classification	A	-	B	-
6	Handpump at Chintpurni Temple/Town	pH	7.91	-	8.06	-
		D.O mg/l	---		---	
		BOD	BDL	-	BDL	-
		TC	170	-	<1.8	-
		Classification	B	-	A	-
7	Handpump at Hamirpur	pH	8.09	-	7.42	-
		D.O mg/l	---		---	
		BOD	1.0	-	BDL	-
		TC	17	-	14	-
		Classification	A	-	A	-
8	Handpump at Naduan	pH	7.85	-	7.58	-
		D.O mg/l	---		---	
		BOD	BDL	-	BDL	-
		TC	17	-	17	-

		Classification	A	-	A	-
9	Well at Industrial Area Mehatpur	pH	7.95	-	7.68	-
		D.O mg/l	---		---	
		BOD	1.5	-	BDL	-
		TC	210	-	7.8	-
		Classification	B	-	A	-
10	Well at Industrial Area Talhiwal	pH	7.62	-	7.74	-
		D.O mg/l	---		---	
		BOD	BDL	-	BDL	-
		TC	21	-	<1.8	-
		Classification	A	-	A	-
11	Handpump at Industrial Area Talhiwal	pH	7.62	-	---	-
		D.O mg/l	---		---	
		BOD	BDL	-	---	-
		TC	21	-	---	-
		Classification	A	-	---	-
12	Borewell at Una Near ISBT	pH	7.47	-	8.02	-
		D.O mg/l	---		---	
		BOD	BDL	-	BDL	-
		TC	21	-	<1.8	-
		Classification	A	-	A	-
13	Lift Ground Water Scheme (MC,Una)	pH	7.81	-	8.09	-
		D.O mg/l	---		---	
		BOD	1.3	-	BDL	-
		TC	84	-	<1.8	-
		Classification	B	-	A	-
14	Purani Bowri, VPO Bhadoliyan (Near shani Dev Temple)	pH	7.57	-	-	-
		D.O mg/l	---			
		BOD	BDL	-	-	-
		TC	48	-	-	-
		Classification	A	-	-	-
15	Handpump at Damtal Kulara Teh.Indora, Distt.Kangra	pH	7.59	7.98	7.74	7.85
		D.O. mg/l	—	—	—	—
		BOD mg/l	1.3	0.5	0.6	0.2
		T.C. MPN /100ml	—	—	—	—
		Classification	A	A	A	A
16	Handpump, Vill.-Dah, Teh.Indora, Distt.Kangra	pH	7.8	7.94	7.59	7.79
		D.O. mg/l	—	—	—	—
		BOD mg/l	1.5	0.4	0.5	0.2
		T.C. MPN /100ml	—	—	—	—
		Classification	A	A	A	A
17	Well at D/s MSW Dump site at Dharamshala	pH	6.32	7.11	6.75	7.83
		D.O mg/l	—	—	—	—
		BOD mg/l	0.3	0.2	0.3	0.5

		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
18	Well at purana Kangra	pH	7.82	7.70	6.68	7.72
		D.O mg/l	–	–	–	–
		BOD mg/l	1.2	0.3	0.3	0.8
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
19	Well at Upper Khouli	pH	7.48	7.01	7.04	7.80
		D.O mg/l	–	–	–	–
		BOD mg/l	1	0.9	0.6	0.6
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
20	Well at Rajiana	pH	7.59	6.87	7	7.57
		D.O mg/l	–	–	–	–
		BOD mg/l	0.3	1.1	0.4	0.3
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
21	Well at Jawalamukhi	pH	7.67	7.33	6.7	7.95
		D.O mg/l	–	–	–	–
		BOD mg/l	0.1	0.4	0.1	0.4
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
22	Well at Paprola	pH	7.3	7.89	6.66	7.78
		D.O mg/l	–	–	–	–
		BOD mg/l	0.4	0.4	0.3	0.4
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
23	Well at Baijnath	pH	7.37	7.74	6.95	7.62
		D.O mg/l	–	–	–	–
		BOD mg/l	0.8	1	0.2	0.3
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
24	Well at Sai	pH	7.61	7.75	6.65	7.42
		D.O mg/l	–	–	–	–
		BOD mg/l	1.2	0.5	0.6	0.2
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
25	Well at Jaisinghpur	pH	7.49	7.7	7.6	7.51
		D.O mg/l	–	–	–	–

		BOD mg/l	0.8	0.6	0.3	0.7
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
26	Well at Khaira	pH	7.3	7.59	6.84	7.66
		D.O mg/l	–	–	–	–
		BOD mg/l	0.4	1	0.4	1.3
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
27	Borewell at Industrial Area sansarpur Terrace	pH	7.07	7.66	6.97	8.22
		D.O mg/l	–	-	-	–
		BOD mg/l	0.8	0.3	0.9	0.5
		T.C. MPN /100ml	–	-	-	-
		Classification	A	A	A	A
28	Hand Pump at Chintpurni Temple/Town	pH	7.55	7.67	6.94	7.63
		D.O mg/l	–	–	–	–
		BOD mg/l	0.1	0.6	0.5	0.3
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
29	Handpump at HRTC Workshop, Sudher	pH	7.62	–	6.54	–
		D.O mg/l	–	–	–	–
		BOD mg/l	0.4	–	0.2	–
		T.C. MPN /100ml	–	–	–	–
		Classification	A	–	A	–
30	Handpump at near Ram Gopal Mandir gate, NH Damtal	pH	7.16	7.92	7.51	–
		D.O mg/l	–	–	–	–
		BOD mg/l	1.1	0.7	0.4	–
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	–
31	Handpump near Chamunda devi temple	pH	-	7.3	-	-
		D.O mg/l	-	–	-	-
		BOD mg/l	-	1.0	-	-
		T.C. MPN /100ml	-	–	-	-
		Classification	-	A	-	-
32	Hand Pump Mugla at Shiv Mandir Temple	pH	7.11	-	7.02	7.64
		D.O mg/l	–	-	–	–
		BOD mg/l	0.4	-	0.6	0.3
		T.C. MPN /100ml	–	-	–	–
		Classification	A	-	A	A
33	Handpump at	pH	7.94	-	6.84	-

	Dalhousie Town	D.O mg/l	—	-	-	-
		BOD mg/l	0.8	-	0.5	-
		T.C. MPN /100ml	—	-	-	-
		Classification	A	-	A	-
34	Hand Pump at Chamba	pH	—	-	7.34	-
		D.O mg/l	—	-	-	-
		BOD mg/l	—	-	0.7	-
		T.C. MPN /100ml	—	-	-	-
		Classification	—	-	A	-
35	Handpump at Jawalamukhi	pH	8.03	7.29	6.98	-
		D.O mg/l	—	-	-	-
		BOD mg/l	0.2	0.7	0.2	-
		T.C. MPN /100ml	—	-	-	-
		Classification	A	A	A	-
36	Handpump at Kangra	pH	7.48	7.72	6.84	-
		D.O mg/l	—	-	—	-
		BOD mg/l	1.5	0.8	0.2	-
		T.C. MPN /100ml	—	-	-	-
		Classification	A	A	A	-
37	Hand Pump at Ghumarwin Town	pH	7.81	...	7.37	...
		D.O mg/l	...	...	...	...
		BOD mg/l	0.1	...	0.1	...
		T.C. MPN /100ml	<1.8	...	<1.8	...
		Classification	...	...	...	...
38	Spring Source at Sungal	pH	8.08	8.08	8.17	7.99
		D.O. mg/l	...	--	...	...
		BOD mg/l	0.1	0.1	0.1	0.1
		T.C. MPN /100ml	<1.8	<1.8	<1.8	<1.8
		Classification		...		
39	Hand Pump at Raison	pH	7.38	8.37	7.2	...
		D.O. mg/l	...	...	...	...
		BOD mg/l	0.1	0.1	0.1	...
		T.C. MPN /100ml	<1.8	<1.8	<1.8	...
		Classification	...	...		...
40	Hand Pump Rangree, opposite to Hotel River Crescent	pH	7.39	7.1	7.12	...
		D.O. mg/l	...	...	...	...
		BOD mg/l	0.1	0.1	0.1	...
		T.C. MPN /100ml	<1.8	<1.8	<1.8	...
		Classification	...	...	...	...
41	Ground water of Tikker Boari	pH	7.73	7.96	8.34	...
		D.O. mg/l	...	...	...	...
		BOD mg/l	0.1	0.1	0.1	...
		T.C. MPN /100ml	<1.8	<1.8	<1.8	...

		Classification	...	...	...	...
42	Hand Pump at SunderNagar	pH	7.13	...	7.16	...
		D.O. mg/l	...	...	8.5	...
		BOD mg/l	0.1	...	0.1	...
		T.C. MPN /100ml	<1.8	...	<1.8	...
		Classification	...	...	...	...
43	Tube Well at Residential Area, Kala Amb	pH	7.31	-	7.88	-
		D.O. mg/l	--		--	
		BOD mg/l	1.0	-	1.0	-
		T.C. MPN /100ml	<1.8	-	<1.8	-
		Classification	A	-	A	-
44	Borewell at Residential Area, Paonta Sahib	pH	7.62	-	7.83	-
		D.O. mg/l	--		--	
		BOD mg/l	1.0	-	1.0	-
		T.C. MPN /100ml	<1.8	-	<1.8	-
		Classification	A	-	A	-
45	Tube Well at Industrial Area, Kala Amb	pH	7.80	-	7.99	-
		D.O. mg/l	--		--	
		BOD mg/l	1.0	-	1.0	-
		T.C. MPN /100ml	<1.8	-	<1.8	-
		Classification	A	-	A	-
46	Borewell at Industrial Area, Paonta Sahib	pH	7.66	-	7.50	-
		D.O. mg/l	--		--	
		BOD mg/l	1.0	-	1.0	-
		T.C. MPN /100ml	<1.8	-	<1.8	-
		Classification	A	-	A	-
47	Hand Pump at Nahan	pH	7.44	-	8.04	-
		D.O. mg/l	--		--	
		BOD mg/l	1.0	-	1.0	-
		T.C. MPN /100ml	<1.8	-	<1.8	-
		Classification	A	-	A	-
48	Hand Pump at Kala Amb	pH	7.43	-	7.75	-
		D.O. mg/l	--		--	
		BOD mg/l	1.0	-	1.0	-
		T.C. MPN /100ml	<1.8	-	<1.8	-
		Classification	A	-	A	-
49	Well of Sh. Gurubaskh Vill. Majra	pH	7.07	-	-	-
		BOD mg/l	0.1	-	-	-
		T.C. MPN /100ml	-	-	-	-
		Classification	A	-	-	-
50	Well at house of Sh.Rana	pH	7.37	-	8.47	-
		BOD mg/l	0.1	-	0.4	-
		T.C. MPN /100ml	-	-	-	-
		Classification	A	-	A	-
51	Well at house of sh. Gurudyal	pH	-	-	7.61	-
		BOD mg/l	-	-	0.2	-
		T.C. MPN /100ml			-	

		Classification	-	-	A	-
52	Handpump at house of sh. Balvinder, Vill. Majra	pH	7.36	-	7.59	-
		BOD mg/l	0.4	-	0.3	-
		T.C. MPN /100ml	-	-	-	-
		Classification	A	-	A	-
53	Well at Baddi	pH	7.17	-	7.48	-
		BOD mg/l	0.6	-	0.4	-
		T.C. MPN /100ml	-	-	-	-
		Classification	A	-	A	-
54	Well at Barotiwala	pH	7.25	-	7.45	-
		BOD mg/l	0.1	-	0.1	-
		T.C. MPN /100ml	-	-	-	-
		Classification	A	-	A	-
55	Well at Nalagarh	pH	7.2	-	7.47	-
		BOD mg/l	0.4	-	0.4	-
		T.C. MPN /100ml	-	-	-	-
		Classification	A	-	A	-
56	Well Baddi I.A.	pH	7.29	-	7.2	-
		BOD mg/l	0.1	-	0.2	-
		T.C. MPN /100ml	-	-	-	-
		Classification	A	-	A	-
57	Well Barotiwala I.A.	pH	7.11	-	8.17	-
		BOD mg/l	0.1	-	0.1	-
		T.C. MPN /100ml	-	-	-	-
		Classification	A	-	A	-
58	Well Nalagarh I.A.	pH	6.85	-	7.75	-
		BOD mg/l	0.1	-	0.6	-
		T.C. MPN /100ml	-	-	-	-
		Classification	A	-	A	-
59	Borewell at HPMC	pH	6.8	-	sample Not Taken	-
		BOD mg/l	0.4	-	sample Not Taken	-
		T.C. MPN /100ml	-	-	sample Not Taken	-
		Classification	A	-		-
60	Well at Parwanoo	pH	6.78	7.5	sample not taken	7.53
			-	-	sample not taken	-
		BOD mg/l	0.1	0.3	sample not taken	0.4
		T.C. MPN /100ml	-	-	sample not taken	-
		Classification	E	E	NA	E

ANNEXURE-4B

Sr. No.	Name of location	Parameters	Apr-24	Jul-24	Oct-24	Jan-25
1	Lift Nallah D/s Hotel Combermere	pH	7.5	7.86	7.37	8.02
		D.O mg/l	7.1	6.4	7.1	7
		BOD mg/l	5.8	6.6	2.6	6.2
		T.C. MPN /100ml	1600	12000	1600	1600
		Classification	D	D	C	D
2	Lift Nallah U/s Bridge at By pass near MSW Processing site	pH	7.54	7.81	7.39	7.72
		D.O mg/l	6.9	6.3	6.9	7
		BOD mg/l	7.2	6.4	5.4	7.8
		T.C. MPN /100ml	1600	9300	1600	920
		Classification	D	D	D	D
3	River Pabbar D/s Chirgaon	pH	7.85	8.01	8.10	8.23
		D.O mg/l	7.8	7.9	7.6	7.8
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	920	540	540	540
		Classification	C	C	C	C
4	River Pabbar D/s Rohru	pH	8.13	8.32	7.93	7.95
		D.O mg/l	7.9	16.2	7.8	7.9
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	1600	1600	350	350
		Classification	C	C	C	C
5	River Pabbar D/s Hatkoti	pH	7.83	8.58	6.96	7.81
		D.O mg/l	7.6	7.4	7.4	7.6
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	350	1600	1600	280
		Classification	B	C	C	B
6	Ground Water sample D/s Sanitary Landfill Site at Bhariyal, Totu	pH	7.96	7.94	7.83	8.16
		D.O mg/l	**	**	**	**
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	**	**	220	920
		Classification	A	A	B	C
7	Ashwani Khad before Sadhupul within District Shimla boundary	pH	7.85	7.79	7.75	8.07
		D.O mg/l	7.6	6.3	7.1	7.8
		BOD mg/l	BDL	5.2	1.6	1.2
		T.C. MPN /100ml	140	1600	920	1600
		Classification				
8	D/s STP Dhalli near LWSS Bhatakuffar	pH	7.56	8.16	7.86	8.14
		D.O mg/l	6.9	6.9	7.4	7.8
		BOD mg/l	3.8	1.8	1.2	BDL
		T.C. MPN /100ml	920	920	1600	1600
		Classification	D	C	C	C
9	Nallah at Baragaon from the catchment of Kasumpti and Vikas Nagar	pH	8.08	7.94	7.89	8.28
		D.O mg/l	8	6.4	8.1	8
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	94	1600	920	1600
		Classification	B	C	C	C

10	River Tidong before confluence with River Satluj	pH	8.08	8.15	7.96	8.29
		D.O mg/l	9.7	9.7	9.7	9.8
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	220	70	140	220
		Classification	B	B	B	B
11	River Baspa D/s resevoir Baspa HEP at Kuppa	pH	7.91	7.91	7.92	8.16
		D.O mg/l	9.6	9.6	9.6	9.7
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	280	1600	280	540
		Classification	B	C	B	C
12	River Baspa at Baspa Project	pH	7.94	7.54	7.81	8.27
		D.O mg/l	9.6	9.5	9.6	9.7
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	220	130	350	350
		Classification	B	B	B	B
13	River Satluj D/s NJPC Dam at Nathpa	pH	8.11	8.15	8.11	7.96
		D.O mg/l	9.2	9.0	9.2	9.3
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	1600	1600	17	920
		Classification	C	C	A	C
14	River Sorang U/s (before confluence) River Satluj	pH	8.27	8.32	8.06	8.10
		D.O mg/l	9.7	9.6	9.7	9.7
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	140	240	350	280
		Classification	B	B	B	B
15	River Satluj U/s confluence with Sorang Khad	pH	8.07	8.28	8.02	8.24
		D.O mg/l	9.2	9.0	9.2	9.3
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	280	110	220	110
		Classification	B	B	B	B
16	R.Satluj D/s confluence with Sorang Khad	pH	7.97	8.34	7.96	7.91
		D.O mg/l	9.3	9.1	9.2	9.4
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	350	1600	94	1600
		Classification	B	C	B	C
17	Ganvi Khad before confluence with River Satluj	pH	8.13	7.79	7.93	8.23
		D.O mg/l	9.6	9.6	9.6	9.7
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	110	920	79	110
		Classification	B	C	B	B
18	River Satluj U/s TRT of NJPC	pH	8.06	8.16	7.96	8.05
		D.O mg/l	9.2	8.9	9.1	9.3
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	140	1600	70	94
		Classification	B	C	B	B
19	River Satluj D/s TRT of NJPC	pH	8.09	8.29	8.05	8.23
		D.O mg/l	9.2	8.8	9.1	9.3
		BOD mg/l	BDL	BDL	BDL	BDL

		T.C. MPN /100ml	140	1600	170	220
		Classification	B	C	B	B
20	River Satluj D/s Duttnagar D/s envisaged conf. of TRT of RHEP	pH	8.04	8.27	8.27	8.23
		D.O mg/l	9.1	8.6	9.0	9.1
		BOD mg/l	BDL	BDL	BDL	BDL
		T.C. MPN /100ml	280	1600	170	1600
		Classification	B	C	B	C
21	River Satluj U/s Bhakra	pH	8.04	7.77	7.87	7.95
		DO	9	8.8	9.4	9.1
		BOD	2.8	BDL	BDL	BDL
		TC	350	58	170	110
		Classification	B	B	B	B
22	River Swan D/s of Municipal landfill site at Santoshgarh	pH	7.57	8.07	7.97	7.94
		DO	5.8	5.8	6	6.0
		BOD	3.4	2.9	1.6	BDL
		TC	540	430	3500	920
		Classification	C	B	C	C
23	River Swan U/s of Municipal landfill site at Santoshgarh	pH	8.15	8.11	8.09	7.91
		DO	6	5.8	6.2	6.3
		BOD	2.8	2.1	1.4	BDL
		TC	430	350	3500	540
		Classification	B	B	C	C
24	River Yamuna U/s of landfill site Paonta Sahib	pH	7.94	7.79	8.15	8.17
		DO	7.6	7.8	7.8	7.9
		BOD	1.6	1.9	1.8	1.5
		TC	280.0	350.0	280.0	150.0
		Classification	B	B	B	B
25	River Yamuna D/s of landfill site Paonta Sahib	pH	7.99	7.49	8.29	8.18
		DO	7.6	7.7	7.8	8.0
		BOD	1.7	2.4	2.1	1.8
		TC	350.0	540.0	350.0	220.0
		Classification	B	C	B	B
26	River Markanda U/s of Markanda Bridge, Kala Amb	pH	8.38	8.44	8.13	8.28
		DO	7.2	7.3	8.2	8.3
		BOD	2.6	1.6	2.0	1.4
		TC	540.0	350.0	350.0	350.0
		Classification	C	B	B	B
27	River Markanda U/s of Jattanwala Nallah	pH	8.47	8.34	8.22	8.25
		DO	7.2	7.1	8.1	8.3
		BOD	2.6	1.8	2.1	1.8
		TC	350.0	350.0	350.0	350.0
		Classification	B	B	B	B
28	Jattanwala Nallah	pH	7.28	7.69	7.69	8.07
		DO	0.6	0.9	1.3	1.6
		BOD	18.0	9.5	9.5	9.8
		TC	276000.0	184000.0	92000.0	108000.0
		Classification	Below E	E	E	E
29	River Markanda D/s	pH	-	8.22	8.25	8.13

	Jattan Walla Nalla Kala Amb at Dehramali	DO	-	4.0	4.5	4.9
		BOD	-	4.2	3.8	3.6
		TC	-	10800.0	10800.0	4300.0
		Classification		D	D	D
30	R. Suketi U/s of conf. of dragger outfall of SNR Balancing reservoir	pH	7.65	Sample not received	7.88	7.94
		DO	8.4		6.5	6.5
		BOD	0.4		0.3	0.2
		TC	430		210	350
		Classification	B		B	B
31	River Suketi at Dadour bridge	pH	8.26	8.4	8	8.33
		DO	8.1	7.0	6	6.5
		BOD	2.4	0.5	0.9	1.8
		TC	1600	920	920	540
		Classification	C	C	C	C
32	U/s Mandi, Suketi Khudd	pH	7.9	7.75	7.99	7.47
		DO	7.6	8	7	5.5
		BOD	0.8	0.3	0.2	0.3
		TC	920	430	540	220
		Classification	C	B	C	B
33	U/s Darang, Salt Mine	pH	7.22	Samples not received	7.76	7.68
		DO	7.9		7	6
		BOD	0.1		0.1	0.1
		TC	<1.8		<1.8	<1.8
		Classification	A		A	A
34	D/s Darang, Salt Mine	pH	7.24	Samples not received	7.45	7.61
		DO	7.8		7.5	5
		BOD	0.1		0.1	0.4
		TC	<1.8		<1.8	<1.8
		Classification	A		A	A
35	River Beas, U/s of conf. of envisaged TRT of UHL-III	pH	7.64	Samples not received	7.91	8.2
		DO	8.6		8	7.5
		BOD	0.1		0.1	0.2
		TC	140		170	150
		Classification	B		B	B
36	River Beas, D/s of conf. of envisaged TRT of UHL-III	pH	7.81	Samples not received	7.49	7.76
		DO	8.5		7.5	7
		BOD	0.2		0.1	0.2
		TC	150		210	210
		Classification	B		B	B
37	R.Beas, D/s of conf.of TRT of Largi HEP power house.	pH	7.92	8.02	8.46	8.3
		DO	7.8	7.8	7.7	7.5
		BOD	0.2	0.2	0.2	0.2
		TC	210	170	220	220
		Classification	B	B	B	B
38	River Beas, U/s Fermenta Biodil.	pH	7.73	8.42	7.74	8.34
		DO	7.9	7.9	7.8	7.9
		BOD	0.3	0.2	0.1	0.2
		TC	280	240	240	210

		Classification	B	B	B	B
39	River Beas, D/s Fermenta Biodil.	pH	7.72	7.5	7.78	8.3
		DO	7.9	7.9	7.8	7.8
		BOD	0.5	0.3	0.3	0.3
		TC	430	430	280	280
		Classification	B	B	B	B
40	R. Parvati U/s of Dam site of Parvati-II at Pulga	pH	7.48	6.74	7.47	Sample not received
		DO	8	8.1	7.9	
		BOD	0.1	0.1	0.1	
		TC	170	150	94	
		Classification	B	B	B	
41	R. Parvati D/s of Dam site of Parvati-II at Pulga	pH	7.67	7.77	7.4	7.68
		DO	8	8.1	7.8	8.2
		BOD	0.2	0.2	0.1	0.1
		TC	240	210	120	<1.8
		Classification	B	B	B	B
42	R.Beas, U/s Waste processing facility, Manali.	pH	8.11	7.13	8.03	7.77
		DO	7.7	7.6	7.8	8
		BOD	0.2	0.8	0.3	0.6
		TC	280	540	280	350
		Classification	B	C	B	B
43	R.Beas, D/s of confluence with Allaign Nalla.	pH	7.84	7.01	7.8	7.71
		DO	7.8	7.8	8	8.1
		BOD	0.2	0.2	0.2	0.3
		TC	280	350	240	280
		Classification	B	B	B	B
44	Allaign Nalla before confluence with R.Beas	pH	7.1	8.26	7.86	7.51
		DO	7.9	7.8	7.8	7.7
		BOD	0.2	0.1	0.1	0.2
		TC	150	240	170	350
		Classification	B	B	B	B
45	R.Beas, D/s confluence with Duhangan Nalla.	pH	7.39	8.26	7.46	7.77
		DO	7.7	7.7	7.7	7.5
		BOD	0.3	0.2	0.2	0.3
		TC	240	280	210	240
		Classification	B	B	B	B
46	Duhangan Nalla before confluence with R.Beas	pH	7.41	7.26	7.76	7.54
		DO	8	7.7	7.6	7.8
		BOD	0.1	0.1	0.1	0.4
		TC	170	350	150	280
		Classification	B	B	B	B
47	R.Beas, U/s of confluence of R.Parvati	pH	7.82	7.73	7.54	7.88
		DO	7.9	8.2	8.1	7.8
		BOD	0.1	0.1	0.1	0.2
		TC	280	280	150	220
		Classification	B	B	B	B
48	R.Beas, D/s of confluence of R.Parvati	pH	7.41	7.87	7.63	7.98
		DO	8	8.1	8.1	8.1

	R.Parvati	BOD	0.3	0.2	0.2	0.3
		TC	350	430	220	240
		Classification	B	B	B	B
49	R.Beas, U/s Waste processing facility Kullu.	pH	7.74	7.41	8.21	7.78
		DO	7.9	8.1	8.1	8
		BOD	0.3	0.4	0.1	0.2
		TC	350	240	240	170
		Classification	B	B	B	B
50	R.Sainj, U/s envisaged power house site of Parvati-II.	pH	7.87	8.46	8.2	7.82
		DO	8	8	8.1	8.1
		BOD	0.1	0.1	0.1	0.1
		TC	220	170	140	130
		Classification	B	B	B	B
51	R.Sainj, D/s envisaged power house site of Parvati-II.	pH	7.8	8.27	8.12	8.06
		DO	8	8	7.9	8.2
		BOD	0.2	0.2	0.2	0.3
		TC	280	240	210	170
		Classification	B	B	B	B
52	R.Sainj, U/s envisaged power house site of Parvati - III.	pH	7.94	8.43	8.02	8.06
		DO	8	7.8	8	7.6
		BOD	0.1	0.1	0.1	0.1
		TC	210	220	150	150
		Classification	B	B	B	B
53	R.Sainj, D/s envisaged power house site of Parvati - III.	pH	7.72	8.45	8.26	8.45
		DO	8	7.7	7.6	7.7
		BOD	0.3	0.2	0.3	0.2
		TC	280	280	170	210
		Classification	B	B	B	B
54	Hand Pump at Ghumarwin Town	pH	7.81	...	7.37	...
		DO	...	...	...	...
		BOD	0.1	...	0.1	...
		TC	<1.8	...	<1.8	...
		Classification	...	...	...	...
55	Spring Source at Sungal	pH	8.08	8.08	8.17	7.99
		DO	...	--	...	...
		BOD	0.1	0.1	0.1	0.1
		TC	<1.8	<1.8	<1.8	<1.8
		Classification		...		
56	Hand Pump at vill. Upper Badah	pH	Dried	Dried	Dried	...
		DO				...
		BOD				...
		TC				...
		Classification				...
57	Hand Pump at Raison	pH	7.38	8.37	7.2	...
		DO	...	...	...	...
		BOD	0.1	0.1	0.1	...
		TC	<1.8	<1.8	<1.8	...
		Classification	...	...		...

58	Hand Pump Rangree, opposite to Hotel River Crescent	pH	7.39	7.1	7.12	...
		DO	...	...	...	...
		BOD	0.1	0.1	0.1	...
		TC	<1.8	<1.8	<1.8	...
		Classification	...	...	...	...
59	Ground water of Tikker Boari	pH	7.73	7.96	8.34	...
		DO	...	...	...	...
		BOD	0.1	0.1	0.1	...
		TC	<1.8	<1.8	<1.8	...
		Classification	...	...	...	...
60	Hand Pump at SunderNagar	pH	7.13	...	7.16	...
		DO	...	...	8.5	...
		BOD	0.1	...	0.1	...
		TC	<1.8	...	<1.8	...
		Classification	...	...	...	...
61	Well at D/s MSW Dump site at Dharamshala	pH	6.32	7.11	6.75	7.83
		D.O. mg/l	–	–	–	–
		BOD mg/l	0.3	0.2	0.3	0.5
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
62	Swan Khad U/s Suraj Industry	pH	7.4	–	7.85	8.08
		D.O. mg/l	6.5	–	7.6	7.4
		BOD mg/l	0.5	–	1.1	1.4
		T.C. MPN /100ml	460	–	540	>1600
		Classification	B	–	C	C
63	Swan Khad D/s Suraj Industry	pH	7.4	–	8.12	8.18
		D.O. mg/l	6.2	–	7.5	7.5
		BOD mg/l	0.9	–	2.8	1.6
		T.C. MPN /100ml	140	–	920	>1600
		Classification	B	–	C	C
64	Charan Khad U/s STP Dharamshala	pH	7.76	7.16	7.03	8.06
		D.O. mg/l	8.9	8.1	8.1	8.9
		BOD mg/l	0.5	0.6	1.1	0.3
		T.C. MPN /100ml	540	790	350	350
		Classification	B	C	B	B
65	Charan Khad D/s STP Dharamshala	pH	7.04	7.71	7.11	7.92
		D.O. mg/l	8.5	7.9	8.0	8.5
		BOD mg/l	1.3	1.1	0.8	0.5
		T.C. MPN /100ml	1600	940	350	540
		Classification	C	C	B	C
66	Baner Khad (U/S) STP Tanda Medical College	pH	7.75	7.80	7.60	7.59
		D.O. mg/l	8.9	8.6	8.9	9.1
		BOD mg/l	1.2	0.6	0.4	0.6
		T.C. MPN /100ml	210	2200	1600	920
		Classification	B	C	C	C
67	Baner Khad (D/S) STP Tanda Medical College	pH	7.69	7.10	7.13	7.51
		D.O. mg/l	8.8	8.5	8.8	9.1
		BOD mg/l	1.5	0.6	0.4	0.9

		T.C. MPN /100ml	350	1700	1600	1600
		Classification	B	C	C	C
68	Well at purana Kangra	pH	7.82	7.70	6.68	7.72
		D.O. mg/l	–	–	–	–
		BOD mg/l	1.2	0.3	0.3	0.8
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
69	Well at Upper Khouli	pH	7.48	7.01	7.04	7.80
		D.O. mg/l	–	–	–	–
		BOD mg/l	1	0.9	0.6	0.6
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
70	Well at Rajiana	pH	7.59	6.87	7	7.57
		D.O. mg/l	–	–	–	–
		BOD mg/l	0.3	1.1	0.4	0.3
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
71	Budhil Nallah U/s Dam of proposed Budhil HEP	pH	7.82	7.40	7.72	7.87
		D.O. mg/l	9.2	9.0	9.2	9.0
		BOD mg/l	1.3	0.8	1.5	0.6
		T.C. MPN /100ml	350	430	790	350
		Classification	B	B	C	B
72	Budhil Nallah D/s Dam of proposed Budhil HEP	pH	8.03	7.30	7.72	7.34
		D.O. mg/l	9	9.0	9.2	9.1
		BOD mg/l	0.7	0.7	1.2	0.7
		T.C. MPN /100ml	350	220	240	1600
		Classification	B	B	B	C
73	River Ravi U/s of confluence of Budhil Nallah	pH	8.05	7.35	7.69	7.55
		D.O. mg/l	9.1	9.1	8.9	9.0
		BOD mg/l	0.6	0.8	2.0	0.6
		T.C. MPN /100ml	220	280	350	1600
		Classification	B	B	B	C
74	River Ravi D/s TRT of proposed Budhil HEP	pH	8.07	7.40	7.72	7.54
		D.O. mg/l	9	9.0	9.1	8.9
		BOD mg/l	0.8	0.9	1.5	1.1
		T.C. MPN /100ml	170	430	540	1600
		Classification	B	B	C	C
75	River Ravi U/s Dam Chamera-II HEP	pH	7.7	7.12	7.90	7.72
		D.O. mg/l	9.1	9.2	9.0	9.2
		BOD mg/l	0.6	0.5	0.9	0.9
		T.C. MPN /100ml	94	920	920	1600
		Classification	B	C	C	C
76	River Ravi D/s Dam Chamera-II HEP	pH	7.69	7.00	7.36	7.65
		D.O. mg/l	8.8	9.1	8.8	8.9
		BOD mg/l	0.6	0.5	1.6	0.5
		T.C. MPN /100ml	170	920	540	>1600
		Classification	B	C	C	C
77	River Ravi U/S	pH	7.53	7.23	6.56	7.56

	Municipal Land Fill Site Chamba	D.O. mg/l	9	9.2	8.8	9.1
		BOD mg/l	0.8	0.9	1.8	1.1
		T.C. MPN /100ml	280	540	920	920
		Classification	B	C	C	C
78	River Ravi D/S Municipal Land Fill Site Chamba	pH	7.31	7.40	6.76	7.45
		D.O. mg/l	8.6	8.9	8.7	8.2
		BOD mg/l	0.6	1.1	1.8	1.2
		T.C. MPN /100ml	280	350	920	>1600
		Classification	B	B	C	C
79	Lund Khad U/S STP Jawalamukhi	pH	–	–	7.7	7.63
		D.O. mg/l	–	–	8.3	8.3
		BOD mg/l	–	–	3.8	4.0
		T.C. MPN /100ml	–	–	1600	170
		Classification	–	–	C	B
80	Lund Khad D/S STP Jawalamukhi	pH	–	–	7.48	7.70
		D.O. mg/l	–	–	8.2	8.2
		BOD mg/l	–	–	3.9	4.3
		T.C. MPN /100ml	–	–	1600	1600
		Classification	–	–	C	C
81	River Beas U/s Pong Dam	pH	7.96	7.47	8.16	7.66
		D.O. mg/l	9.2	8.8	8.9	8.6
		BOD mg/l	0.8	0.7	1.5	0.2
		T.C. MPN /100ml	350	170	1600	350
		Classification	B	B	C	B
82	Well at Jawalamukhi	pH	7.67	7.33	6.7	7.95
		D.O. mg/l	–	–	–	–
		BOD mg/l	0.1	0.4	0.1	0.4
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
83	Chhouch Khad U/s Industrial Area Kandrori	pH	8.28	7.70	8.61	7.90
		D.O. mg/l	7.6	7.5	8.5	8.9
		BOD mg/l	2	1.9	2.4	1.5
		T.C. MPN /100ml	350	1700	2800	920
		Classification	B	C	C	C
84	Chhouch Khad D/s Industrial Area Kandrori	pH	8.3	7.92	8.71	7.87
		D.O. mg/l	7.5	7.4	8.4	8.8
		BOD mg/l	2.3	2.2	1.7	1.2
		T.C. MPN /100ml	540	2100	3500	1600
		Classification	C	C	C	C
85	Handpump at Damtal Kulara Teh.Indora, Distt.Kangra	pH	7.59	7.98	7.74	7.85
		D.O. mg/l	–	–	–	–
		BOD mg/l	1.3	0.5	0.6	0.2
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
86	Handpump, Vill.-Dah, Teh.Indora, Distt.Kangra	pH	7.8	7.94	7.59	7.79
		D.O. mg/l	–	–	–	–
		BOD mg/l	1.5	0.4	0.5	0.2
		T.C. MPN /100ml	–	–	–	–

		Classification	A	A	A	A
87	Bhiral Khad U/s STP Palampur	pH	6.87	6.9	7.02	7.67
		D.O. mg/l	8.6	7.1	8.7	8.0
		BOD mg/l	0.4	0.4	1.9	0.8
		T.C. MPN /100ml	210	170	540	130
		Classification	B	B	C	B
88	Bhiral Khad D/s STP Palampur	pH	6.76	6.97	6.84	7.16
		D.O. mg/l	8.6	7.0	8.6	8.0
		BOD mg/l	1.3	0.6	2.2	1.0
		T.C. MPN /100ml	240	280	540	1600
		Classification	B	B	C	C
89	Well at Paprola	pH	7.3	7.89	6.66	7.78
		D.O. mg/l	–	–	–	–
		BOD mg/l	0.4	0.4	0.3	0.4
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
90	Well at Baijnath	pH	7.37	7.74	6.95	7.62
		D.O. mg/l	–	–	–	–
		BOD mg/l	0.8	1	0.2	0.3
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
91	Well at Sai	pH	7.61	7.75	6.65	7.42
		D.O. mg/l	–	–	–	–
		BOD mg/l	1.2	0.5	0.6	0.2
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
92	Well at Jaisinghpur	pH	7.49	7.7	7.6	7.51
		D.O. mg/l	–	–	–	–
		BOD mg/l	0.8	0.6	0.3	0.7
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
93	Well at Khaira	pH	7.3	7.59	6.84	7.66
		D.O. mg/l	–	–	–	–
		BOD mg/l	0.4	1	0.4	1.3
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
94	Bhaled Khad U/s Dam on Bhaled for Baira Siul HEP	pH	8.04	7.88	7.44	7.75
		D.O. mg/l	9.1	9.2	8.9	9.2
		BOD mg/l	0.2	0.7	1.0	0.2
		T.C. MPN /100ml	350	170	350	540
		Classification	B	B	B	C
95	Bhaled Khad D/s Dam on Bhaled for Baira Siul HEP	pH	8	8.00	7.48	7.92
		D.O. mg/l	8.9	9.1	8.9	9.0
		BOD mg/l	0.4	1.0	1.5	0.4
		T.C. MPN /100ml	430	170	540	1600
		Classification	B	B	C	C
96	Baira River D/S Dam on Baira of BairaSiul HEP	pH	8.08	7.65	7.49	8.00
		D.O. mg/l	8.9	8.8	8.7	8.9

	HEP	BOD mg/l	0.5	1.2	1.2	1.5
		T.C. MPN /100ml	110	350	430	920
		Classification	B	B	B	C
97	Baira River U/S Dam on Baira of Baira Suil HEP	pH	7.07	7.63	7.51	7.90
		D.O. mg/l	9	9.2	8.7	9.1
		BOD mg/l	2.4	1.1	2.3	0.5
		T.C. MPN /100ml	280	240	350	540
		Classification	B	B	B	C
98	Suil River D/s Dam on Suil for Baira Suil HEP	pH	–	8.15	7.30	7.88
		D.O. mg/l	–	9.0	8.8	9.0
		BOD mg/l	–	1.2	1.0	0.6
		T.C. MPN /100ml	–	920	540	1600
		Classification	–	C	C	C
99	Suil River U/s Dam on Suil for Baira Suil HEP	pH	7.89	7.93	7.23	7.93
		D.O. mg/l	9.1	9.2	8.9	9.2
		BOD mg/l	0.2	1.4	1.2	0.8
		T.C. MPN /100ml	280	350	1600	350
		Classification	B	B	C	B
100	River Ravi after confluence with Baira River	pH	7.87	7.72	6.97	7.98
		D.O. mg/l	9	9.0	8.7	8.9
		BOD mg/l	0.1	0.5	1.1	0.7
		T.C. MPN /100ml	150	1700	540	130
		Classification	B	C	C	B
101	River Ravi before confluence with Baira River	pH	8	7.73	6.72	7.93
		D.O. mg/l	9.1	9.1	8.7	8.9
		BOD mg/l	0.2	0.9	1.9	0.6
		T.C. MPN /100ml	170	1300	140	13
		Classification	B	C	B	A
102	River Ravi D/s TRT Power house Chamera-I HEP	pH	7.99	7.32	7.47	8.04
		D.O. mg/l	9	8.8	8.7	8.9
		BOD mg/l	1.7	0.4	1.2	0.5
		T.C. MPN /100ml	220	350	350	79
		Classification	B	B	B	B
103	River Ravi D/s Dam on Chamera-I HEP	pH	8.11	7.38	7.54	8.07
		D.O. mg/l	9	8.7	8.8	8.8
		BOD mg/l	0.8	0.7	1.3	0.3
		T.C. MPN /100ml	210	170	220	49
		Classification	B	B	B	A
104	Hand Pump at Chintpurni Temple/Town	pH	7.55	7.67	6.94	7.63
		D.O. mg/l	–	–	–	–
		BOD mg/l	0.1	0.6	0.5	0.3
		T.C. MPN /100ml	–	–	–	–
		Classification	A	A	A	A
105	Handpump at HRTC Workshop, Sudher	pH	7.62	–	6.54	–
		D.O. mg/l	–	–	–	–
		BOD mg/l	0.4	–	0.2	–
		T.C. MPN /100ml	–	–	–	–
		Classification	A	–	A	–

106	Handpump at near Ram Gopal Mandir gate, NH Damtal	pH	7.16	7.92	7.51	—
		D.O. mg/l	—	—	—	—
		BOD mg/l	1.1	0.7	0.4	—
		T.C. MPN /100ml	—	—	—	—
		Classification	A	A	A	—
107	Dal Lake Naddi	pH	7.3	7.32	6.93	8.02
		D.O. mg/l	7.2	8.7	7.8	7.2
		BOD mg/l	0.4	0.3	2.4	1.2
		T.C. MPN /100ml	94	540	240	350
		Classification	B	C	B	B
108	Banoi Khad at Bangreh the Dharamshala	pH	8.06	7.46	6.94	7.57
		D.O. mg/l	8.8	9.2	9.2	9.1
		BOD mg/l	0.6	1.6	0.2	0.4
		T.C. MPN /100ml	470	540	540	1600
		Classification	B	C	C	C
109	Baira river before confluence with river Ravi	pH	—	7.34	7.46	8.01
		D.O. mg/l	—	8.9	8.7	8.9
		BOD mg/l	—	1.3	1.2	0.8
		T.C. MPN /100ml	—	280	31	23
		Classification	—	B	A	A
110	Negual Khad U/S MSW Plant at Aemma	pH	—	—	7.39	7.55
		D.O. mg/l	—	—	8.6	9.2
		BOD mg/l	—	—	1.5	0.9
		T.C. MPN /100ml	—	—	1600	350
		Classification	—	—	C	B
111	Negual Khad D/S MSW Plant at Aemma	pH	—	—	7.48	7.61
		D.O. mg/l	—	—	8.7	9.2
		BOD mg/l	—	—	1.6	1.2
		T.C. MPN /100ml	—	—	1600	350
		Classification	—	—	C	B
112	Baira river after confluence of TRT of power house of Baira Suil HEP	pH	—	7.87	7.33	7.92
		D.O. mg/l	—	8.9	8.7	8.8
		BOD mg/l	—	1.1	1.5	0.9
		T.C. MPN /100ml	—	130	350	170
		Classification	—	B	B	B
113	Baira river before confluence of TRT of power house of Baira Suil HEP	pH	—	7.65	7.43	7.97
		D.O. mg/l	—	9.1	8.7	8.8
		BOD mg/l	—	1.3	1.9	0.6
		T.C. MPN /100ml	—	350	540	350
		Classification	—	B	C	B
114	River Binwa U/s Paprola Baijnath	pH	—	—	7.5	7.67
		D.O. mg/l	—	—	8.6	9.1
		BOD mg/l	—	—	1.1	0.7
		T.C. MPN /100ml	—	—	220	220
		Classification	—	—	B	B
115	River Sirsa D/S Sitomajri Nallah	pH	7.26	7.54	7.55	7.34
		D.O. mg/l	6.7	6.8	6	6.6
		BOD mg/l	0.1	2.6	2.5	12.0

		T.C. MPN /100ml	17	240	220	>1600
		Classification	A	B	B	D
116	River Bald U/s Land fill site Baddi	pH	7.16	8.48	8.03	8.03
		D.O. mg/l	6.3	6.7	6.3	6.7
		BOD mg/l	0.3	0.8	1.8	0.1
		T.C. MPN /100ml	34	47	240	21
		Classification	A	A	B	A
117	River Sirsa D/s Sandholi Nallah	pH	7.43	7.67	7.74	7.59
		D.O. mg/l	4.9	5.9	5	4.0
		BOD mg/l	2.4	4	1	12.0
		T.C. MPN /100ml	1600	1600	170	>1600
		Classification	C	D	B	D
118	River Sirsa U/s H. Board Nallah	pH	7.44	7.87	7.67	7.61
		D.O. mg/l	5.2	6.5	5.4	4.1
		BOD mg/l	1.6	1.6	11	13.0
		T.C. MPN /100ml	920	110	>1600	>1600
		Classification	C	B	D	D
119	Housing Board Nallah	pH	7.26	7.62	7.5	7.55
		D.O. mg/l	1.5	3.1	3.5	2.8
		BOD mg/l	20.0	200	3.1	25.0
		T.C. MPN /100ml	>1600	>1600	>1600	>1600
		Classification	E	E	E	E
120	River Sirsa U/S River Ratta	pH	Not Taken	7.75	7.41	
		D.O. mg/l	Not Taken	6.4	5	
		BOD mg/l	Not Taken	1	26	
		T.C. MPN /100ml	Not Taken	110	>1600	
		Classification	NA	B	D	
121	U/s TSDF site at Majra (Well)	pH	7.32		7.08	
		D.O. mg/l	-		-	
		BOD mg/l	0.1		1.2	
		T.C. MPN /100ml	-		-	
		Classification	E		E	
122	D/s TSDF site at Majra (Well)	pH	7.47		7.31	
		D.O. mg/l	-		-	
		BOD mg/l	0.1		4.4	
		T.C. MPN /100ml	-		-	
		Classification	E		E	
123	Gullerwala Nallah	pH	DRY	DRY		
		D.O. mg/l	DRY	DRY		
		BOD mg/l	DRY	DRY		
		T.C. MPN /100ml	DRY	DRY		
		Classification	NA	NA		
124	Manpura Nallah	pH	7.52	7.96	7.71	7.41
		D.O. mg/l	1.6	5.9	5.6	5.5
		BOD mg/l	1.0	3.4	1.8	44.0
		T.C. MPN /100ml	540	350	540	>1600
		Classification	E	D	C	D

125	River Sirsa D/s Manpura Nallah	pH	7.4	8.2	7.56	Sample not taken
		D.O. mg/l	5.1	6.3	5.1	Sample not taken
		BOD mg/l	2.7	3.8	2.4	Sample not taken
		T.C. MPN /100ml	>1600	540	920	Sample not taken
		Classification	D	D	C	NA
126	River Sirsa U/s Manpura Nallah	pH	7.46	8.33	Sample not taken	7.36
		D.O. mg/l	5.4	6.5	Sample not taken	5.0
		BOD mg/l	2.6	2.4	Sample not taken	21.0
		T.C. MPN /100ml	>1600	220	Sample not taken	>1600
		Classification	D	B	NA	D
127	River Sirsa U/S Khera Nallah	pH	7.16	8.45	7.5	7.82
		D.O. mg/l	6.4	6.7	5	3.0
		BOD mg/l	0.5	2.4	2.4	3.0
		T.C. MPN /100ml	170	200	920	540
		Classification	B	B	C	E
128	River Sirsa D/S Khera Nallah	pH	7.6	8.34	7.36	7.57
		D.O. mg/l	6.5	6.6	5.5	3.5
		BOD mg/l	2.8	2	2	7.0
		T.C. MPN /100ml	>1600	170	920	>1600
		Classification	D	B	C	E
129	Khera Nallaha	pH	7.65	DRY	8.13	7.96
		D.O. mg/l	6.9	DRY	6.8	2.5
		BOD mg/l	3.0	DRY	2.2	4.0
		T.C. MPN /100ml	>1600	DRY	540	170
		Classification	D	NA	C	E
130	Kaushlya River U/s Parwanoo Town	pH	7.92	8.38	8.05	7.87
		D.O. mg/l	7.2	7.5	6.9	9.2
		BOD mg/l	0.2	0.2	0.4	0.4
		T.C. MPN /100ml	26	26	32	17
		Classification	A	A	A	A
131	Kaushlya River D/s Intake Channel of WSS Parwanoo Town	pH	7.94	8.29	8.02	7.84
		D.O. mg/l	6.8	7	6.8	9.5
		BOD mg/l	0.3	0.3	0.2	0.3
		T.C. MPN /100ml	33	33	17	17
		Classification	A	A	A	A
132	Masulkhana Nallah U/S Morepen Lab	pH	7.08	8.01	6.8	7.67
		D.O. mg/l	6.5	6.9	7.6	8.7
		BOD mg/l	0.3	0.2	0.3	0.3
		T.C. MPN /100ml	33	24	32	14
		Classification	A	A	A	A
133	Masulkhana Nallah D/S Morepen Lab	pH	6.93	8.27	7.78	7.82
		D.O. mg/l	5.5	6.4	7.5	8.8

		BOD mg/l	1.2	0.1	0.2	0.1
		T.C. MPN /100ml	280	17	21	12
		Classification	B	A	A	A
134	River Giri at yashwant nagar before conf of river Ashwani	pH	7.98	7.94	8.01	7.01
		D.O. mg/l	8.5	8.1	9	9.2
		BOD mg/l	0.1	0.2	0.1	0.4
		T.C. MPN /100ml	17	22	11	32
		Classification	A	A	A	A
135	Nallah Near Ambota Shivloti Temple	pH	7.08	8.2	6.53	7.93
		D.O. mg/l	6.8	7.1	8.5	9.2
		BOD mg/l	0.4	0.2	0.1	0.2
		T.C. MPN /100ml	33	24	14	17
		Classification	A	A	A	A
136	Samtel nallah before conf with sukhna nallah	pH	7.21	7.65	7.14	7.49
		D.O. mg/l	0	6.3	6.2	6.5
		BOD mg/l	36.0	14	8	70.0
		T.C. MPN /100ml	>1600	>1600	>1600	>1600
		Classification	E	D	D	D
137	Sec-4 nallah before confluencing with sukhna nallah at sec 5	pH	DRY	DRY	7.07	DRY
		D.O. mg/l	DRY	DRY	7.8	DRY
		BOD mg/l	DRY	DRY	0.2	DRY
		T.C. MPN /100ml	DRY	DRY	21	DRY
		Classification	NA	NA	A	NA
138	U/S SWM site at Sec-5 Parwanoo	pH	7.52	8.36	7.85	7.7
		D.O. mg/l	5.8	6.8	7.8	7.2
		BOD mg/l	0.5	0.1	0.2	0.1
		T.C. MPN /100ml	110	17	27	12
		Classification	B	A	A	A
139	D/S SWM site at Sec-5 Parwanoo	pH	7.41	8.27		7.91
		D.O. mg/l	5.5	7		7.6
		BOD mg/l	2.6	0.3		0.1
		T.C. MPN /100ml	920	34		12
		Classification	C	A		A