

# WATER QUALITY OF MAJOR RIVERS, LAKES AND DAMS IN HIMACHAL PRADESH

During 2009-10

April-2009

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
Lift Nallah D/S Hotel Combermere Shimla	7.78	6.5	0.9	200
Lift Nallah U/S Bridge at Bye Pass Road Near MC Waste Processing Site	7.86	6.3	14.0	801
Lift Nala D/S MSW Processing Site Shimla	7.80	6.1	9.5	511
D/S Lift Nallah before conf. to Ashwani Khad	7.04	7.1	17.0	304
U/S Lift Nallah before conf. to Ashwani Khad	7.67	7.9	2.4	62
D/S Yashwant Nagar	7.82	7.3	0.8	171
River Pabbar U/S Dhambari	8.05	10.0	0.1	9
River Pabbar D/S Chirgaon	7.70	9.8	0.2	6
River Pabbar U/S Rohroo	8.23	9.6	0.8	8
River Pabbar D/S Rohroo	8.21	9.5	0.7	9
River Pabbar U/S Hatkoti	8.08	8.9	0.1	11
River Pabbar D/S Hatkoti	8.07	7.8	0.4	12
River Pabbar D/S of TRT of Sawara Kuddu	8.06	8.8	0.2	14
River Tons at H.P. Boundary	8.26	8.8	0.2	18
River Satluj Before conf. to River Spiti at Khab	7.97	8.0	0.1	5
River Spiti before conf. to River Satluj at Khab	7.87	7.9	0.1	11
River Satluj after conf. to River Spiti at Khab	8.22	7.7	0.1	13
River Satluj U/S conf. of River Tidong	8.25	8.1	0.1	10
River Tidong before conf. to River Satluj	7.98	8.1	0.2	11
River Satluj D/S conf. of River Tidong	7.89	8.2	0.1	12
River Satluj U/S conf. with Sorang Khad	7.93	7.8	0.1	10
River Sorang Before conf. to River Satluj	7.92	8.9	0.2	4
River Satluj D/S conf. with Sorang Khad	8.02	8.1	0.3	8
Baspa River U/S Reservoir at Kuppa	8.09	8.3	0.1	11
Baspa River D/S Reservoir at Kuppa	8.01	8.2	0.2	10
Baspa Project Baspa Reservoir	7.88	8.2	0.2	12
River Satluj U/S Baspa TRT	8.30	8.0	0.2	14
River Satluj U/S conf. of River Baspa	8.20	8.7	0.1	12
River Satluj D/S conf. of River Baspa	8.19	8.5	0.1	10
River Satluj D/S Wangtu Bridge	8.24	8.2	0.1	7
River Satluj D/S NJPC Dam Nathpa	7.71	9.5	0.2	12
River Satluj U/S conf. with Ganvi Khad	7.83	8.5	0.1	8
Ganvi Khad Before conf. to River Satluj	7.66	7.9	0.1	10
River Satluj D/S conf. with Ganvi Khad	7.42	8.4	0.1	6
River Satluj U/S TRT of NJP at Jhakri	7.94	8.9	0.1	6

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
River Satluj D/S TRT of NJP at Jhakri	7.88	8.6	0.2	6
River Satluj D/S Landfill Site Rampur	7.64	8.0	0.4	16
River Satluj U/S Landfill Site Rampur	7.88	8.5	0.2	8
River Satluj U/S Rampur	7.73	8.2	0.1	11
River Satluj D/S Rampur	8.42	8.5	0.5	13
River Satluj D/S Dutt Nagar	7.91	8.3	0.3	10
River Satluj U/S Tattapani	8.18	9.2	0.5	22
River Satluj U/S Slapper	7.94	11.4	0.8	110
River Satluj D/S Slapper	7.26	11.0	0.9	280
River Satluj D/S ACC Barmana	7.80	10.2	0.7	920
River Satluj D/S Bilaspur	7.88	10.0	1.1	>2400
River Satluj U/S Bhakhra	8.32	8.8	0.2	18
River Satluj D/S Bhakhra	8.29	9.5	0.1	42
River Swan D/S Santokhgarh	8.27	8.6	0.5	32
River Swan U/S Landfill Site at Santokhgarh	7.45	8.4	0.8	92
River Swan D/S Landfill Site at Santokhgarh	7.56	8.9	1.2	102
River Beas U/S Manali	7.29	10.0	1.2	>2400
River Beas D/S Manali	7.33	9.0	0.9	>2400
River Beas U/S Waste Processing Facility, Manali	7.98	8.2	0.3	>2400
River Beas D/S Waste Processing Facility, Manali	7.69	8.0	0.4	>2400
River Beas D/S of confluence with Allaign Nallah	7.58	8.3	0.3	1600
Allaign Nallah before confluence with River Beas	7.50	9.0	1.0	>2400
River Beas D/S confluence with Dohangan Nallah	7.29	8.5	0.2	1600
Dohangan Nallah before confluence with River Beas	7.24	9.0	0.1	920
River Beas U/S Kullu	7.39	10.4	0.5	>2400
River Beas D/S Kullu	7.44	10.0	0.6	>2400
River Beas U/S Waste Processing Facility, Kullu	7.53	9.8	0.2	>2400
River Beas D/S Waste Processing Facility, Kullu	7.47	9.8	0.2	>2400
River Parvati U/S of Dam site of Parvati-II at Pulga	8.39	10.4	0.1	23
River Parvati D/S of Dam site of Parvati-II at Pulga	7.30	9.6	0.1	79
River Parvati U/S Manikaran	7.35	10.6	0.4	1600
River Parvati D/S Manikaran	7.18	10.0	0.4	>2400
Parvati River at Bhunter	7.42	9.4	0.2	540
River Beas U/S of confluence of River Parvati	7.83	10.0	0.3	920
River Beas D/S of confluence of River Parvati	8.00	9.8	0.4	1600
River Beas U/S envisaged Power House site of Parvati-II	7.42	9.8	0.1	920
River Sainj D/S envisaged Power House site of Parvati-II	7.37	10.0	0.1	920
River Sainj U/S envisaged Power House site of Parvati - III	7.51	9.4	0.2	1600
River Sainj D/S envisaged Power House site of Parvati - III	7.49	9.4	0.3	>2400
River Beas U/S Fermenta Biodil	7.33	9.2	0.4	1600
River Beas D/S Fermenta Biodil.	7.97	9.2	0.6	>2400

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
River Beas D/S Aut	7.15	9.2	0.4	920
River Sainj D/S Largi	6.91	7.0	0.5	>2400
River Beas D/S conf. of TRT of Largi HEP Power House	7.69	10.0	0.6	>2400
River Beas U/S Pandoh Dam	7.89	9.0	1.0	>2400
River Beas D/S Pandoh Dam	7.31	9.0	0.2	>2400
Exit of Dehar Power House	7.85	11.8	1.1	1600
River Suketi U/S of conf. of dregger outfall of SNR Balancing reservoir	7.80	8.4	0.2	110
River Suketi at Dadour bridge	7.81	7.0	0.5	>2400
Suketi Khad U/S Mandi	7.92	9.6	0.3	1600
River Beas U/S Mandi	7.81	10.6	0.3	350
River Beas D/S Mandi	7.40	10.6	0.5	>2400
Nallah U/S Darang Salt Mine	8.22	8.5	0.1	33
Nallah D/S Darang Salt Mine	8.49	8.0	0.1	23
River Beas U/S of conf. of envisaged TRT of UHL-III	7.96	11.8	0.1	540
River Beas D/S of conf. of envisaged TRT of UHL-III	8.07	11.7	0.2	920
River Beas D/S Alampur	7.96	8.8	0.2	17
Neugal Khad D/S Thural	8.14	8.0	0.1	33
River Beas D/S Dehra	7.63	8.0	0.2	27
River Beas U/S Pong Village	7.77	9.1	0.4	22
River Beas U/S Pong Dam	8.69	9.2	0.1	26
River Beas D/S Pong Dam	8.34	6.4	0.1	21
Swan Khad U/S Suraj Industry	Source Dry			
Swan Khad D/S Suraj Industry	6.43	1.9	410.0	>2400
River Ravi D/S Dam of proposed Dam of Chamera-III	7.97	9.3	0.1	9
River Ravi U/S Dam Chamera-II HEP	8.01	9.3	0.1	14
River Ravi D/S Dam Chamera-II HEP	7.98	7.8	0.1	17
River Ravi U/S of conf. of Budhil Nallah	8.08	9.4	0.2	9
Budhil Nallah U/S of Dam of proposed Budhil HEP	8.08	9.4	0.2	9
Budhil Nallah D/S of Dam of proposed Budhil HEP	8.06	9.4	0.1	7
River Ravi U/S Chamba	7.92	9.8	0.1	7
River Ravi D/S Chamba	7.99	9.1	0.1	8
River Ravi U/S Landfill Site Chamba	7.70	9.4	0.1	9
River Ravi D/S Landfill Site Chamba	7.90	8.8	0.1	7
River Ravi U/S of conf. with Baira River	8.12	9.3	0.2	26
Baira River U/S Dam on Baira HEP	7.80	9.3	0.1	4
Baira River D/S Dam on Baira HEP	7.93	7.8	0.1	6
Baira River U/S of conf of TRT of Power House of Baira Siul HEP	8.16	9.0	0.1	9
Baira River D/S of conf of TRT of Power House of Baira Siul HEP	8.05	9.3	0.1	7
Baira River before conf with River Ravi	8.15	8.8	0.1	17

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
Siul River U/S of Dam on Siul for Baira Siul HEP	8.00	9.0	0.1	9
Siul River D/S of Dam on Siul for Baira Siul HEP	8.22	8.9	0.1	11
Baled Khad U/S of Dam on Baled HEP	8.13	9.5	0.1	2
Chamera Reservoir	8.12	9.2	0.1	17
River Ravi D/S Dam Chamera-I HEP	8.03	7.8	0.1	21
River Ravi D/S TRT Power House Chamera-I HEP	8.00	9.1	0.2	7
River Ravi U/S Madhopur Head Works	8.02	8.4	0.2	22
River Yamuna U/S Paonta Sahib	7.80	7.5	0.4	24
River Yamuna D/S Paonta Sahib	8.10	8.0	0.6	32
River Yamuna U/S Ranbaxy	8.10	8.2	0.3	26
River Yamuna D/S Ranbaxy	8.10	8.0	0.4	29
River Markanda at Paonta Sahib	7.60	7.8	0.7	34
River Markanda U/S Markanda Bridge	8.10	7.2	0.5	32
River Markanda U/S Jattan Wala Nala	7.70	6.2	0.8	35
River Markanda D/S Jattan Wala Nala	6.50	Int.	238	>50
Jattan Wala Nala	7.70	Int.	120	>50
MSW Solan Dumping site	8.20	5.8	19.0	341
Giri River U/S Sataun	8.00	8.0	0.5	28
Giri River D/S Sataun	8.10	7.8	0.4	27
River Sirsa U/S Sitomajari Nallah	8.29	8.1	0.7	27
River Sirsa D/S Sitomajari Nallah	8.23	8.0	1.1	26
River Sirsa U/S Sandholi Nallah	7.25	7.8	0.9	26
Sandholi Nallah	6.82	Nil	250.0	800
River Sirsa D/S Sandholi Nallah	7.94	1.6	35.0	220
River Sirsa U/S Housing Board Nallah	7.74	1.4	8.0	60
Housing Board Nallah	7.81	3.3	11.0	350
River Sirsa D/S Housing Board Nallah	7.76	0.8	13.0	90
Sirsa River U/S River Ratta	8.29	6.2	4.0	40
River Ratta Before Conf. to River Sirsa	7.67	7.7	0.8	66
Sirsa River D/S River Ratta	7.97	6.0	3.6	50
Gullerwala Nallah	7.15	3.0	11.0	200
River Sirsa D/S Nalagarh Bridge	8.33	10.6	1.0	36
River Sirsa D/S Nalagarh Town	7.54	9.3	1.6	41
River Bald D/S Landfill Site at Baddi	8.50	4.8	0.6	44
River Bald U/S Landfill Site at Baddi	7.94	6.5	0.5	32
River Kaushalya U/S Parwanoo Town	8.29	8.0	0.1	60
River Kaushalya D/S Intake Channel of WSS	8.27	8.5	0.2	410
River Sukhna D/S Parwanoo Town	7.60	Int.	5.2	126
River Sukhna U/S WSS Sector -4, Parwanoo	8.20	7.2	0.1	26
River Sukhna D/S WSS Kalka	7.66	3.6	11.0	570
River Sukhna U/S Sector V, Parwanoo (Landfill Site)	8.25	5.8	0.7	42

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
River Sukhna D/S Sector V, Parwanoo (Landfill Site)	7.48	4.1	1.3	82
Masulkhana Nallah U/S Morepen Lab	7.71	7.5	0.2	19
Masulkhana Nallah D/S Morepen Lab	7.55	5.7	8.2	298
Rewalsar Lake	7.14	3.2	1.3	>2400
Khaziar Lake	6.84	7.8	2.1	17
Renuka Lake	8.10	6.8	1.2	36

## JULY-2009

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
Lift Nala D/S Hotel Combermere	6.20	3.5	520.0	1288
Lift Nala U/S Bridge at Bye Pass Road Near MC Waste Processing Site	6.32	3.6	380.0	640
Lift Nala D/S MSW Processing Site, Shimla	6.53	3.4	320.0	560
U/S Lift Nallah before conf. to Ashwani Khad	7.33	6.7	0.1	50
D/S Lift Nallah after conf. to Ashwani Khad	7.46	6.5	0.4	270
River Giri D/S Yashwant Nagar	7.49	6.6	0.1	120
River Pabbar U/S Dhambari	7.47	8.0	0.1	11
River Pabbar D/S Chirgaon	7.37	7.5	0.2	18
River Pabbar U/S Rohroo	7.58	7.7	0.1	13
River Pabbar D/S Rohroo	7.14	7.6	0.1	21
River Pabbar U/S Hatkoti	7.41	7.4	0.1	21
River Pabbar D/S Hatkoti	7.10	7.4	0.1	22
D/S of TRT Sawara Kuddu River Pabbar at Snail	7.02	7.5	0.1	15
River Tons at H.P. Boundary	7.02	7.2	0.1	20
River Satluj before conf. to River Spiti at Khab	8.16	6.9	0.1	13
River Spiti before conf. to River Satluj at Khab	8.08	7.8	0.1	7
River Satluj after conf. to River Spiti at Khab	8.12	7.5	0.1	12
River Satluj U/S conf. with River Tidong	8.13	7.9	0.2	12
River Tidong before conf. to River Satluj	8.00	7.5	0.1	9
River Satluj D/S conf. with River Tidong	8.11	7.9	0.1	7
River Satluj U/S conf. to Sorang Khad	7.87	8.5	0.1	17
Sorang Before conf. to River Satluj	8.17	8.1	0.1	16
River Satluj D/S conf. to Sorang Khad	7.45	8.4	0.1	17
River Baspa U/S Reservoir at Kuppa	7.32	8.1	0.1	14
River Baspa D/S Reservoir at Kuppa	7.30	7.7	0.4	13
Baspa River Baspa Project	7.43	8.5	0.1	19
River Satluj U/S Baspa TRT	7.63	8.2	0.1	15
River Satluj U/S conf. with River Baspa	8.11	8.1	0.1	14
River Satluj D/S conf. with River Baspa	8.01	8.0	0.1	11
River Satluj D/S Wangtu Bridge	8.07	8.2	0.3	9
River Satluj D/S NJP Dam at Nathpa	8.12	8.4	0.1	14
River Satluj U/S conf. to Ganvi Khad	8.04	8.1	0.1	13
Ganvi before conf. to River Satluj	7.77	7.9	0.1	12
River Satluj D/S conf. to Ganvi Khad	7.56	8.0	0.1	14
River Satluj U/S TRT Jhakri	7.85	9.0	0.1	20
River Satluj D/S TRT Jhakri	7.97	9.2	0.2	15
River Satluj U/S Land fill site Rampur	7.95	8.1	0.1	22

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
River Satluj D/S Land fill site Rampur	7.67	9.3	0.1	26
River Satluj U/S Rampur	7.84	9.4	0.1	13
River Satluj D/S Rampur	7.87	9.1	0.1	15
River Satluj D/S of Duttanagar	8.00	8.4	0.2	16
River Satluj U/S Tattapani	7.68	8.5	0.1	100
River Satluj U/S Slapper	7.91	8.6	0.2	>2400
River Satluj D/S Slapper	7.99	8.6	0.6	>2400
River Satluj D/S ACC Barmana	7.97	8.9	0.4	920
River Satluj D/S Bilaspur	8.05	8.3	0.7	>2400
River Satluj U/S Bhakhra	8.11	9.1	0.2	50
River Satluj D/S Bhakhra	8.18	8.2	0.1	36
River Swan D/S Santokhgarh	7.84	6.0	24.0	80
River Swan U/S Landfill Site Santokhgarh	8.41	6.2	0.3	240
River Swan D/S Landfill Site Santokhgarh	7.91	5.4	0.6	270
River Beas U/S Manali	7.71	8.4	0.4	>2400
River Beas D/S Manali	7.46	8.3	0.3	1600
River Beas U/S Waste Processing Facility, Manali	8.07	8.6	0.1	>2400
River Beas D/S Waste Processing Facility, Manali	7.57	8.3	0.3	>2400
River Beas D/S of conf. with Allaign Nallah	7.36	8.4	0.2	350
Allaign Nallah before conf. with River Beas	7.32	8.5	0.3	1600
River Beas D/S conf with Dohangan Nallah	7.20	8.2	0.2	>2400
Dohangan Nallah before conf. with River Beas	7.14	8.2	0.2	110
River Beas U/S Kullu	7.65	8.0	1.0	>2400
River Beas D/S Kullu	7.49	8.1	0.7	>2400
River Beas U/S Waste Processing Facility, Kullu	8.27	8.2	0.2	>2400
River Beas D/S Waste Processing Facility, Kullu	8.21	8.2	0.3	>2400
River Parvati U/S of Dam site of Parvati-II at Pulga	7.04	9.2	0.1	23
River Parvati D/S of Dam site of Parvati-II at Pulga	6.91	9.5	0.2	33
River Parvati U/S Manikaran	7.32	9.4	0.1	110
River Parvati D/S Manikaran	7.05	9.1	0.2	280
Parvati River at Bhunter	7.77	9.4	0.2	1600
River Beas U/S of conf. of River Parvati	7.97	8.4	0.1	1600
River Beas D/S of conf. of River Parvati	7.98	8.5	0.2	>2400
River Sainj U/S envisaged power house site of Parvati-II	7.98	8.7	0.2	>2400
River Sainj D/S envisaged power house site of Parvati-II	7.45	8.3	0.3	>2400
River Sainj U/S envisaged power house site of Parvati - III	8.40	8.6	0.3	920
River Sainj D/S envisaged power house site of Parvati - III	7.89	8.6	0.4	1600
River Beas U/S Fermenta Biodil	7.03	8.8	0.2	>2400
River Beas D/S Fermenta Biodil	7.57	8.8	0.2	>2400
River Beas D/S Aut	7.20	8.8	0.2	1600
River Sainj D/S Largi	7.60	8.6	0.4	>2400

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
River Beas D/S of conf. of TRT of Lurgi HEP Power House	7.15	8.4	0.3	1600
River Beas U/S Pandoh Dam	8.22	8.4	0.3	>2400
River Beas D/S Pandoh Dam	7.14	8.1	0.4	>2400
Exit of Dehar Power House	7.44	9.5	0.1	>2400
River Suketi U/S of conf. of dregger outfall of SNR Balancing reservoir	7.65	6.1	0.6	1600
River Suketi at Dadour bridge	7.80	6.4	0.5	>2400
Suketi Khad U/S Mandi	7.82	7.5	0.3	>2400
River Beas U/S Mandi	7.24	8.3	0.5	>2400
River Beas D/S Mandi	7.36	8.3	0.4	>2400
River Beas U/S Darang Salt Mine	8.17	6.7	0.1	130
River Beas D/S Darang Salt Mine	8.09	6.7	0.1	170
River Beas U/S of conf. of envisaged TRT of UHL-III	7.58	8.3	0.1	920
River Beas D/S of conf. of envisaged TRT of UHL-III	7.24	8.0	0.1	920
River Beas D/S Alampur	7.67	7.8	0.3	94
Neugal Khad D/S Thural	7.98	7.8	0.3	33
River Beas D/S Dehra	7.44	8.5	0.3	180
River Beas U/S Pong Village	8.35	7.4	0.2	22
River Beas U/S Pong Dam	8.50	7.4	0.2	21
River Beas D/S Pong Dam	7.62	2.8	0.2	33
River Swan U/S Suraj Industry	8.39	7.3	0.3	46
River Swan D/S Suraj Industry	7.31	1.8	55	540
River Ravi D/S of proposed Dam Chamera-III	8.08	10.0	0.2	17
River Ravi U/S Chamera-II River Ravi	8.03	9.8	0.1	21
River Ravi D/S Chamba-II River Ravi	8.17	9.8	0.3	34
River Ravi U/S of confluence of Budhil Nallah	8.68	9.8	0.2	14
River Ravi D/S of confluence of Budhil Nallah	8.46	9.8	0.24	17
Budhil Nallah U/S of proposed Dam on Budhil Nallah	8.28	10.4	0.3	7
Budhil Nallah D/S of proposed Dam on Budhil Nallah	8.32	10.4	0.3	7
River Ravi U/S Chamba	8.08	10.2	0.2	34
River Ravi D/S Chamba	8.20	9.9	0.4	31
River Ravi U/S Landfill Site Chamba	8.17	10.2	0.2	26
River Ravi D/S Landfill Site Chamba	8.30	10.2	0.4	27
River Baira U/S Baira Project	7.91	9.9	0.3	23
River Baira D/S Baira Project	8.14	10.1	0.2	26
River Baira U/S Baira Dam	8.00	10.2	0.3	13
River Baira D/S Baira Dam	7.89	10.2	0.4	27
River Ravi U/S before confluence of Baira River	8.69	9.2	0.2	26
Baira River before conf. to River Ravi	8.47	9.9	0.6	43
Siul River U/S Siul Weir Site	8.31	10.6	0.4	26
Siul River D/S Siul Weir Site	8.44	10.6	0.4	27



Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
Baled Khad U/S of Dam	8.30	10.4	0.3	11
Baled Khad D/S Dam	8.41	10.4	0.2	11
Chamera Reservoir	8.57	10.2	0.4	110
River Ravi D/S Dam of Chamera-I HEP	8.60	10.4	0.3	140
River Ravi D/S TRT Power House	8.65	10.2	0.2	31
River Ravi U/S Madhopur Head Works	8.03	7.8	0.3	130
River Yamuna U/S Paonta Sahib	8.15	6.6	1.4	30
River Yamuna D/S Paonta Sahib	8.21	6.5	1.6	32
River Yamuna U/S Ranbaxy	7.88	6.5	1.4	32
River Yamuna D/S Ranbaxy	7.80	6.5	1.5	31
River Markanda at Paonta Sahib	7.92	6.9	1.2	26
River Markanda U/S Markanda Bridge	8.04	6.4	1.4	29
River Markanda U/S Jattan Wala Nala	8.21	6.3	1.6	31
Jattan Wala Nala	7.06	Int.	80.0	>50
River Markanda D/S Jattan Wala Nala	7.01	2.5	30.0	>50
Giri River U/S Sataun	8.19	6.5	1.5	26
Giri River D/S Sataun	8.10	6.5	1.4	28
River Sirsa U/S Sitomajari Nallah	7.96	6.9	0.9	31
River Sirsa D/S Sitomajari Nallah	7.97	6.4	1.4	41
Sirsa River U/S Sandholi Nallah	8.04	6.5	8.0	27
Sandholi Nallah	7.03	Nil	340.0	940
River Sirsa D/S Sandholi Nallah	7.58	4.0	12.0	150
River Sirsa U/S Housing Board Nallah	7.51	4.9	8.0	36
Housing Board Nallah	7.59	4.8	20.0	410
River Sirsa D/S Housing Board Nallah	7.50	4.2	12.0	90
River Sirsa U/S River Ratta	7.99	5.7	3.2	70
River Ratta Before conf. to River Sirsa	7.82	6.5	9.6	40
River Sirsa D/S River Ratta	7.69	3.6	5.6	76
Gullerwala Nala	7.34	Nil	20.0	210
River Sirsa D/S Nalagarh Town	8.36	5.4	2.0	48
River Sirsa D/S Nalagarh Bridge	7.39	6.2	5.0	40
River Bald U/S Landfill Site at Baddi	7.71	5.7	0.4	27
River Bald D/S Landfill Site at Baddi	7.61	4.9	0.8	29
River Kaushalya U/S Parwanoo Town	8.37	6.9	0.2	35
River Kaushalya D/S Intake Channel of WSS	8.14	6.4	0.4	60
River Sukhna D/S Parwanoo	7.88	5.7	3.4	360
Sukhna Nallah U/S WSS Sector-4, Parwanoo	7.09	7.0	0.2	20
Sukhna Nallah D/S WSS Kalka	7.64	6.8	4.0	240
Sukhna Nallah U/S Sector-5, Landfill Site Parwanoo	7.85	6.6	0.8	230
Sukhna Nallah D/S Sector-5, Landfill Site Parwanoo	6.96	5.8	10.0	150
Masulkhana Nallah U/S Morepen	7.22	6.6	0.4	54

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
Masulkhana Nallah D/S Morepen	7.53	5.1	20.0	196
Rewalsar Lake	7.06	3.0	4.2	>2400
Khaziar Lake	6.70	3.6	3.7	12
Renuka Lake	8.06	6.2	1.9	34

## October-2009

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	TC MPN /100ml
Lift Nala D/S Hotel Combermere, Shimla	7.52	5.0	4.2	80
Lift Nala U/S Bridge By-Pass road, Shimla	7.36	5.2	6.0	90
Lift Nala D/S MSW Processing Site, Shimla	7.13	6.9	5.0	140
U/S Lift Nala Before conf. to Ashwani Khad	7.47	7.5	2.0	86
D/S of Ashwani Khad after conf. to lift Nallah	7.69	7.0	1.2	44
River Giri D/S Yashwant Nagar	7.91	8.0	0.1	34
Ashwani Khad U/S Yashwant Nagar	7.98	8.0	0.4	24
River Pabbar U/S Dhambari	6.95	9.1	0.1	12
River Pabbar D/S Chirgaon	7.20	8.9	0.2	12
River Pabbar U/S Rohroo	8.33	8.6	0.1	22
River Pabbar D/S Rohroo	6.96	8.5	0.1	32
River Pabbar U/S Hatkoti	7.35	8.8	0.2	14
River Pabbar D/S Hatkoti	7.16	8.8	0.3	32
River Pabbar at Snail D/S of TRT of Swara Kuddu	6.64	8.7	0.3	22
River Tons at H.P. Boundary	7.31	9.2	0.2	36
River Satluj Before conf. to River Spiti at Khab	6.25	8.5	0.1	4
River Spiti Before conf. to River Satluj at Khab	8.21	9.2	0.1	8
River Satluj after conf. of River Spiti at Khab	7.86	8.9	0.2	4
River Satluj U/S conf. of River Tidong	8.35	9.3	0.1	6
River Tidong Before conf. to River Satluj	8.02	8.7	0.1	4
River Satluj D/S conf. with River Tidong	8.22	9.1	0.2	4
River Satluj U/S conf. of River Sorang	8.16	8.9	0.1	32
River Sorang before conf. to River Satluj	8.05	9.3	0.1	48
River Satluj D/S after conf. with River Sorang	8.08	9.1	0.2	40
River Baspa U/S Reservoir at Kuppa	7.96	9.4	0.1	8
River Baspa D/S Reservoir at Kuppa	8.15	8.9	0.2	8
Baspa River Baspa Project Kuppa	7.94	9.2	0.1	12
River Satluj U/S TRT Baspa	8.37	9.3	0.1	8
River Satluj U/S conf. of River Baspa	8.24	9.5	0.1	7
River Satluj D/S conf. of River Baspa	8.28	9.5	0.1	12
River Satluj D/S Wangtu Bridge	8.38	8.2	0.1	20
River Satluj D/S NJP Dam Nathpa	7.99	8.7	0.2	22
River Satluj U/S conf. to Ganvi Khad	8.13	9.2	0.1	24
Ganvi Khad before conf. to River Satluj	8.51	8.3	0.2	14
River Satluj D/S Conf. to Ganvi Khad	7.85	8.9	0.2	16
River Satluj U/S TRT Jhakri	8.14	10.3	0.1	16
River Satluj D/S TRT Jhakri	8.05	9.6	0.2	18
River Satluj U/S Landfill Site Rampur	7.51	9.4	0.1	28

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
River Satluj D/S Landfill Site Rampur	7.75	9.7	0.3	26
River Satluj U/S Rampur	7.43	9.9	0.1	40
River Satluj D/S Rampur	7.46	9.8	0.2	60
River Satluj D/S Duttanagar	8.20	10.1	0.2	28
River Satluj U/S Tattapani	8.09	9.3	0.1	26
River Satluj U/S Slapper	7.31	9.0	0.1	>2400
River Satluj D/S Slapper	7.97	9.3	0.2	>2400
River Satluj D/S ACC Barmana	7.87	9.4	1.3	>2400
River Satluj D/S Bilaspur	7.96	7.8	0.4	>2400
River Satluj U/S Bhakhra	8.37	8.2	0.2	12
River Satluj D/S Bhakhra	8.28	9.0	0.1	16
River Swan D/S Santokhgarh	8.63	6.7	1.0	100
River Swan U/S Landfill Site Santokgarh	8.58	7.5	0.4	80
River Swan D/S Landfill Site Santokgarh	8.64	6.9	1.6	110
River Beas U/S Manali	7.49	9.4	0.3	>2400
River Beas D/S Manali	7.02	8.7	0.6	>2400
River Beas U/S Waste Processing Facility, Manali	7.35	9.3	0.2	>2400
River Beas D/S Waste Processing Facility, Manali	7.47	9.4	0.4	>2400
River Beas D/S confluence with Allaign Nallah	7.69	9.3	0.2	>2400
Allaign Nallah before confluence with River Beas	7.47	9.4	0.1	350
River Beas D/S confluence with Dohangan Nallah	7.19	9.4	0.3	2400
Dohangan Nallah before confluence with River Beas	7.58	9.5	0.1	220
River Beas U/S Kullu	7.87	9.8	0.5	>2400
River Beas D/S Kullu	7.62	9.8	0.4	>2400
River Beas U/S Waste Processing Facility, Kullu.	7.70	10.0	0.3	>2400
River Beas D/S Waste Processing Facility, Kullu.	7.49	9.6	0.4	>2400
River Parvati U/S of Dam site of Parvati-II at Pulga	7.56	10.2	0.1	22
River Parvati D/S of Dam site of Parvati-II at Pulga	6.87	10.0	0.1	220
River Parvati U/S Manikaran	7.40	10.3	0.4	>2400
River Parvati D/S Manikaran	7.62	10.2	0.5	>2400
Parvati River at Bhunter	7.56	9.8	0.2	920
River Beas U/S of conf. of River Parvati	7.83	9.8	0.3	>2400
River Beas D/S of conf. of River Parvati	7.66	10.0	0.3	>2400
River Sainj U/S envisaged Power House site of Parvati-II	8.14	9.8	0.1	540
River Sainj D/S envisaged Power House site of Parvati-II	7.52	9.8	0.1	920
River Sainj U/S envisaged Power House site of Parvati – III	7.92	9.8	0.1	220
River Sainj D/S envisaged Power House site of Parvati - III	7.84	9.8	0.2	1600
River Beas U/S Fermenta Biodil	7.41	9.6	0.2	>2400
River Beas D/S Fermenta Biodil	7.49	9.6	0.3	>2400
River Beas D/S Aut	7.50	9.6	0.4	>2400
River Sainj D/S Largi	7.35	9.6	0.3	>2400

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
River Beas D/S of conf. of TRT of Largi HEP Power House	8.10	9.8	0.3	920
River Beas U/S Pandoh Dam	8.06	9.5	0.2	220
River Beas D/S Pandoh Dam	7.61	9.5	0.3	920
Exit of Dehar Power House	7.91	9.3	0.5	>2400
River Suketi U/S dregger outfall of SNR Balancing reservoir	8.21	7.9	0.3	1600
River Suketi at Dadour bridge	7.97	8.4	0.2	>2400
Suketi Khad U/S Mandi	8.20	7.2	0.4	>2400
Suketi Khad D/S Mandi	8.14	7.9	0.4	>2400
River Beas U/S Mandi	7.90	8.4	0.1	>2400
River Beas D/S Mandi	7.35	8.6	0.2	>2400
River Beas U/S Darang Salt Mine	8.40	7.5	0.1	33
River Beas D/S Darang Salt Mine	8.40	7.0	0.1	70
River Beas U/S of conf. of envisaged TRT of UHL-III	7.72	9.3	0.1	23
River Beas D/S of conf. of envisaged TRT of UHL-III	7.95	8.9	0.1	33
River Beas D/S Alampur	8.21	8.3	0.4	7
River Beas D/S Jaisinghpur	8.15	8.4	0.3	17
Neugal at D/S Thural	8.22	8.2	0.2	9
River Binwa D/S Paprola/Baijnath	7.85	7.8	0.5	27
River Beas D/S Dehra	8.08	8.4	0.3	33
River Beas U/S Pong Village	8.21	7.8	0.2	8
River Beas U/S Pong Dam	8.20	8.0	0.4	14
River Beas D/S Pong Dam	8.23	6.4	0.3	9
Swan Khad U/S Suraj Industry	8.14	7.4	0.4	9
Swan Khad D/S Suraj Industry	6.74	3.0	920.0	>2400
River Ravi D/S Dam of proposed Dam of Chamera-III	8.27	10.2	0.3	14
River Ravi U/S Dam Chamera -II	8.34	10.2	0.2	26
River Ravi D/S Dam Chamera -II	8.27	9.7	0.2	14
River Ravi U/S Confluence of Budhil Nallah	8.44	10.2	0.2	12
Budhil Nala U/S of Dam of Proposed Budhil HEP	8.20	10.8	0.2	9
Budhil Nala D/S of Dam of Proposed Budhil HEP	8.23	10.7	0.2	14
River Ravi D/S of proposed TRT of Budhil HEP	8.43	10.3	0.3	14
River Ravi U/S Chamba	8.10	10.2	0.2	12
River Ravi D/S Chamba	8.12	9.7	0.2	14
River Ravi U/S Landfill Site Chamba	8.25	9.8	0.3	26
River Ravi D/S Landfill Site Chamba	8.13	10.2	0.3	17
Baira River before Confluence with River Ravi	7.99	10.2	0.2	7
River Ravi U/S of its Confluence with Baira River	7.58	9.8	0.2	14
River Ravi D/S of its Confluence with Baira River	7.96	10.0	0.2	14
Baira River U/S of Dam on Baira for Baira Siul HEP	8.22	10.4	0.2	11
Baira River D/S of Dam on Baira for Baira Siul HEP	8.32	10.4	0.2	9
U/S Baira Project Dam	8.02	10.8	0.2	12

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
D/S Baira Project Dam	7.95	10.5	0.2	17
Baled Khad U/S of Dam on Baled for Baira Siul HEP	8.25	10.9	0.1	5
Baled Khad D/S of Dam on Baled for Baira Siul HEP	8.09	10.9	0.1	9
Ravi at Chamera Reservoir	7.97	10.1	0.4	27
River Ravi D/S Chamera-1 HEP	8.06	10.7	0.2	7
D/S River Baira Surgani	7.53	10.9	0.1	11
D/S Khairi River Ravi TRT	7.87	10.8	-	11
River Siul U/S Siul Project	7.72	10.8	0.2	17
River Siul D/S Surgani	8.53	10.8	0.2	17
River Ravi U/S Madhopur Head Works	7.31	8.5	0.6	26
D/S Chaunch Khad	7.21	7.4	0.6	94
River Yamuna U/S Paonta Sahib	7.85	7.2	1.2	24
River Yamuna D/S Paonta Sahib	8.10	7.3	1.0	26
River Yamuna U/S Ranbaxy	8.11	7.2	1.4	28
River Yamuna D/S Ranbaxy	8.12	7.1	1.4	27
River Bata U/S Paonta Sahib	7.93	7.1	1.2	25
River Bata before confluence to River Yamuna	8.19	7.0	1.2	27
River Markanda at Paonta Sahib	8.04	7.3	1.0	20
River Markanda U/S Markanda Bridge	8.03	6.9	1.6	26
River Markanda U/S of Kala-Amb	7.63	7.2	1.2	24
River Markanda D/S of Kala-Amb	7.84	6.9	1.8	28
River Markanda U/S Jattan Wala Nala	8.00	7.0	1.6	27
Jattan Wala Nala	7.14	Int.	68.0	>50
River Markanda D/S Jattan Wala Nala	7.69	2.4	4.8	>50
Giri River U/S Sataun	7.88	7.4	1.2	22
Giri River D/S Sataun	7.92	7.3	1.2	24
River Sirsa U/S Sitomajari Nallah	8.13	8.1	0.5	30
River Sirsa D/S Sitomajari Nallah	7.98	7.5	2.4	154
River Sirsa U/S Sandholi Nallah	8.47	8.6	1.8	120
Sandholi Nallah	7.69	Nil	280.0	1100
River Sirsa D/S Sandholi Nallah	8.23	6.8	16.0	120
River Sirsa U/S H.B. Nala	8.47	4.8	2.2	42
H.B. Nala	8.04	5.1	9.0	400
River Sirsa D/S H.B. Nala	8.55	4.6	16.0	120
River Sirsa U/S River Ratta	7.93	7.7	2.8	52
River Ratta bef. Conf. to River Sirsa	7.54	7.2	0.6	44
River Sirsa D/S River Ratta	7.98	7.0	1.8	42
Gullerwala Nala	7.73	Nil	26.0	220
River Sirsa D/S Nalagarh Bridge	8.56	12.2	2.4	32
River Sirsa D/S Nalagarh Town	8.63	8.4	1.2	36
Bald Khad U/S Landfill Site at Baddi	8.11	8.1	1.2	98

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
Bald Khad D/S Landfill Site at Baddi	8.22	6.0	0.5	34
River Kaushalya U/S Parwanoo Town	8.44	7.7	0.1	52
River Kaushalya D/S Intake Channel of WSS	8.50	7.9	0.1	20
River Sukhna D/S Parwanoo Town	8.28	6.2	4.0	98
River Sukhna U/S WSS Sector -4, Parwanoo	8.00	7.2	0.2	14
River Sukhna D/S WSS Kalka	8.09	6.6	0.9	342
River Sukhna U/S Sec-V, Landfill Site Parwanoo	8.12	7.5	0.8	32
River Sukhna D/S Sec-V, Landfill Site Parwanoo	7.93	6.7	1.2	93
Masulkhana Nallah U/S Morepen Lab	8.23	8.6	0.3	24
Masulkhana Nallah D/S Morepen Lab	7.88	7.0	4.4	110
Rewalsar Lake	7.39	2.7	0.6	>2400
Khaziar Lake	6.46	2.6	13.0	63
Renuka Lake	8.24	6.7	1.8	30

## JANUARY-2010

Name of location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
Lift Nala D/S Hotel Combermere, Shimla	7.51	8.3	6.8	120
Lift Nala U/S Bridge By-Pass road, Shimla	7.68	8.3	6.2	100
Lift Nala D/S MSW Processing Site, Shimla	7.54	8.2	7.2	120
U/S Lift Nala Before conf. to Ashwani Khad.	7.48	8.9	3.2	120
D/S of Ashwani Khad after conf to lift Nallah	7.97	9.7	1.6	22
River Giri D/S Yashwant Nagar	7.98	7.6	0.4	54
Ashwani Khad U/S Yashwant Nagar	8.10	8.0	0.4	36
MSW Solan Dumping site	7.12	7.1	0.8	140
River Pabbar U/S Dhambari	7.46	9.7	0.2	8
River Pabbar D/S Chirgaon	7.47	9.5	0.2	14
River Pabbar U/S Rohroo	8.15	9.5	0.1	40
River Pabbar D/S Rohroo	7.67	9.6	0.2	30
River Pabbar U/S Hatkoti	7.97	10.1	0.2	16
River Pabbar D/S Hatkoti	7.65	10.8	0.2	22
River Pabbar at Snail D/S of TRT	7.93	10.1	0.2	20
River Tons at H.P. Boundary	8.06	10.2	0.1	22
River Satluj Before conf. to River Spiti at Khab	8.18	9.7	0.1	12
River Spiti before conf. to River Satluj at Khab	8.04	9.9	0.2	12
River Satluj after conf. to River Spiti at Khab	8.12	9.7	0.1	13
River Satluj U/S conf. of River Tidong	7.84	9.6	0.1	16
River Tidong Before conf. to River Satluj	7.98	9.2	0.1	24
River Satluj D/S conf. with River Tidong	8.36	9.5	0.1	20
River Satluj before conf. of River Sorang	8.12	9.5	0.1	12
River Sorang before conf. to River Satluj	7.93	9.2	0.1	8
River Satluj D/S after conf. with River Sorang	8.12	9.4	0.1	10
River Baspa U/S Reservoir at Kuppa	7.65	9.9	0.2	22
Baspa River Baspa Project Kuppa	7.88	9.8	0.1	10
River Baspa D/S Reservoir at Kuppa	8.58	9.4	0.1	14
River Satluj U/S TRT Baspa	8.30	10.2	0.2	22
River Satluj U/S Conf. of River Baspa	8.27	10.1	0.2	18
River Satluj D/S conf. of River Baspa	7.40	10.0	0.2	14
River Satluj at Wangtu Bridge	8.13	9.8	0.1	16
River Satluj D/S NJP Dam Nathpa	8.16	9.5	0.1	16
River Satluj U/S conf. to Ganvi Khad	8.03	9.7	0.1	12
Ganvi Khad before conf. to River Satluj	8.10	9.2	0.2	17
River Satluj D/S conf. to Ganvi Khad	8.07	9.9	0.2	12
River Satluj U/S TRT Jhakri	8.06	9.6	0.2	11
River Satluj D/S TRT Jhakri	8.22	9.8	0.1	14
River Satluj U/S Landfill Site Rampur	8.03	9.9	0.1	18



Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
River Satluj D/S Landfill Site Rampur	7.91	9.7	0.4	36
River Satluj U/S Rampur	8.11	9.9	0.1	15
River Satluj D/S Rampur	8.22	9.8	0.2	16
River Satluj D/S Duttanagar	8.10	10.1	0.2	20
River Satluj U/S Tattapani	7.98	10.0	0.1	20
River Satluj U/S Slapper	7.82	11.1	0.3	350
River Satluj D/S Slapper	7.95	11.0	0.5	540
River Satluj D/S ACC Barmana	7.80	11.5	0.6	920
River Satluj D/S Bhakhra	7.80	9.3	0.1	26
River Satluj U/S Bhakhra	8.05	8.4	0.2	40
River Satluj D/S Bilaspur	7.89	11.1	0.7	>2400
River Swan D/S Santokhgarh	8.48	6.2	1.6	60
River Swan U/S Landfill Site Santokgarh.	8.70	7.6	0.5	120
River Swan D/S Landfill Site Santokgarh.	8.12	6.0	2.2	240
Beas River U/S Manali	7.31	10.6	0.20	540
River Beas D/S Manali	6.97	9.5	11.0	>2400
River Beas U/S Waste Processing Facility, Manali	7.08	10.8	0.4	>2400
River Beas D/S Waste Processing Facility, Manali	7.32	11.0	0.6	>2400
River Beas D/S of conf. with Allaign Nallah	7.35	11.1	0.5	>2400
Allaign Nallah bef. conf. with River Beas	7.71	10.4	0.3	1600
River Beas D/S conf with Dohangan Nallah	7.79	11.1	0.4	>2400
Dohangan Nallah before conf. with River Beas	7.82	10.6	0.2	46
River Beas U/S Kullu	7.45	10.6	0.6	>2400
River Beas D/S Kullu	7.54	10.6	0.70	>2400
River Beas U/S Waste Processing Facility Kullu	7.46	11.2	0.5	>2400
River Beas D/S Waste Processing Facility Kullu	7.40	11.0	0.7	>2400
River Parvati U/S of Dam site of Parvati-II at Pulga	7.54	11.4	0.1	33
River Parvati D/S of Dam site of Parvati-II at Pulga	7.64	11.1	0.2	49
River Parvati U/S Manikaran	7.70	10.8	0.1	49
River Parvati D/S Manikaran	7.40	10.2	0.5	1600
River Parvati before conf. to River Beas at Bhunter	7.57	10.6	0.4	1600
River Beas U/S of conf. of River Parvati	7.65	10.8	0.4	>2400
River Beas D/S of conf. of River Parvati	7.46	10.8	0.5	>2400
River Sainj U/S envisaged Power House site of Parvati-II	7.22	11.1	0.1	540
River Sainj D/S envisaged Power House site of Parvati-II	7.47	11.0	0.1	540
River Sainj U/S envisaged Power House site of Parvati - III	7.34	11.3	0.1	130
River Sainj D/S envisaged Power House site of Parvati - III	7.39	11.3	0.1	350
River Beas U/S Fermenta Biodil	7.62	11.4	0.3	540
River Beas D/S Fermenta Biodil	7.61	11.4	0.3	920
River Beas D/S Aut	7.51	10.9	0.30	350

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
River Sainj D/S Largi	7.21	10.4	0.2	220
River Beas D/S of conf. of TRT of Largi HEP Power House.	7.90	11.2	0.4	920
River Beas U/S Pandoh Dam	7.86	10.8	0.20	110
River Beas D/S Pandoh Dam	7.39	10.6	0.3	280
Exit of Dehar Power House	7.01	11.2	0.2	110
River Suketi U/S of conf. of dragger outfall of SNR Balancing reservoir	7.89	10.2	0.2	23
River Suketi at Dadour bridge	7.63	8.0	0.5	>2400
Suketi Khad U/S Mandi	8.07	9.6	0.6	>2400
Suketi Khad D/S Mandi	7.92	10.0	0.7	>2400
River Beas U/S Mandi	7.76	10.8	0.1	33
River Beas D/S Mandi	7.25	10.7	0.8	>2400
River Beas U/S Darang Salt Mine	8.21	8.5	0.1	140
River Beas D/S Darang Salt Mine	8.14	7.9	0.1	79
River Beas U/S of conf. of envisaged TRT of UHL-III	7.63	10.5	0.1	170
River Beas D/S of conf. of envisaged TRT of UHL-III	7.81	11.2	0.2	220
River Beas D/S Alampur	8.43	8.4	0.6	9
River Beas D/S Jaisinghpur	8.61	8.6	0.1	7
Neugal at D/S Thural	8.64	8.0	0.6	6
River Binwa D/S Paprola/Baijnath	8.56	8.8	1.2	14
River Beas D/S Dehra	8.51	8.5	0.6	17
River Beas U/S Pong Village	8.56	8.2	0.2	14
River Beas U/S Pong Dam	8.34	8.2	0.6	17
River Beas D/S Pong Dam	8.42	7.8	1.8	11
Swan Khad U/S Suraj Industry	8.56	7.0	0.7	27
Swan Khad D/S Suraj Industry	7.87	6.4	3.2	>2400
River Ravi U/S Dam Chamera-II HEP	8.18	10.3	0.3	13
River Ravi D/S Dam Chamera-II HEP	8.20	9.9	0.3	11
River Ravi Before conf. of Budhil Nallah	8.27	10.8	0.3	26
Budhil Nallah U/S Dam Budhil HEP	7.72	10.9	0.2	14
Budhil Nallah D/S Dam Budhil HEP	8.1	10.9	0.3	8
River Ravi D/S Conf. of Budhil Nallah	7.98	10.8	0.2	22
River Ravi U/S Chamba	8.07	10.9	0.5	21
River Ravi D/S Chamba	6.92	10.8	0.4	27
River Ravi U/S Landfill Site Chamba	8.02	10.4	0.4	12
River Ravi D/S Landfill Site Chamba	7.92	9.8	0.5	11
Baira River U/S of Dam on Baira Siul HEP	8.44	10.2	0.2	17
Baira River D/S of Dam on Baira Siul HEP	8.22	8.9	0.2	26
Baira River U/S of conf. of TRT of Power House HEP Baira	8.38	10.2	0.3	4
Baira River D/S of Confluence of TRT of Power House of Baira Siul HEP	8.43	10.2	0.2	9

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
Baira River before conf. to River Ravi	8.36	9.8	0.2	4
River Ravi U/S conf. with Baira River	8.63	9.8	0.3	17
River Ravi D/S confluence of Baira River	8.34	9.8	0.2	17
Siul River U/S of Dam at Siul for Baira HEP	8.49	10.8	0.2	22
River Siul D/S Surgani	8.46	10.8	0.2	12
Baled Khad U/S of Dam at Baled	8.52	10.8	0.2	26
Baled Khad D/S of Dam at Baled	8.50	10.7	0.3	17
River Baira D/S Surgani	8.34	10.3	0.3	14
Ravi at Chamera Reservoir	8.42	9.9	0.6	9
Ravi at D/S Dam Chamera-III HEP	8.18	10.8	0.2	26
River Ravi D/S Dam Chamera-I HEP	8.46	10.4	0.2	6
River Ravi D/S TRT Power House Chamera-I HEP	8.34	10.5	0.3	12
River Ravi U/S Madhopur Head Works	8.25	9.5	0.2	17
D/S Chaunch Khad	8.19	6.5	0.5	14
River Yamuna U/S Paonta Sahib	8.04	9.7	0.8	26
River Yamuna D/S Paonta Sahib	8.26	9.6	1.0	28
River Yamuna U/S Ranbaxy	8.01	9.8	0.6	24
River Yamuna D/S Ranbaxy	8.14	9.5	1.2	29
River Markanda at Paonta	8.10	10.8	0.6	20
River Bata U/S Paonta	8.06	10.8	0.6	22
River Bata D/S Paonta	8.03	10.6	0.8	23
River Markanda U/S at Kala Amb	8.35	10.5	1.0	26
River Markanda U/S Markanda Bridge	8.37	10.0	0.8	30
River Markanda U/S Jattan Wala Nala	7.98	9.7	1.4	28
Jattan Wala Nala	7.84	Int.	245	>50
River Markanda D/S Jattan Wala Nala	7.62	Int.	180	>50
River Markanda D/S at Kala Amb	7.90	9.8	1.2	27
River Giri U/S Sataun	8.00	10.0	1.2	18
River Giri D/S Sataun	8.08	10.0	1.2	19
River Sirsa U/S Sitomajari Nallah	7.95	9.6	0.4	32
River Sirsa D/S Sitomajari Nallah	8.16	8.8	3.0	140
River Sirsa U/S Sandholi Nallah	8.05	8.7	1.4	132
Sandholi Nallah	7.11	Nil	220.0	900
River Sirsa D/S Sandholi Nallah	7.75	7.5	22.0	180
River Sirsa U/S H.B. Nala	7.76	6.9	2.6	80
Housing Board Nala	7.69	3.4	14.0	220
River Sirsa D/S H.B. Nala	8.01	4.4	18.0	180
River Sirsa U/S of River Ratta	8.12	10.3	1.8	40
River Ratta bef. conf. to River Sirsa	7.93	7.9	0.8	32
River Sirsa D/S of River Ratta	7.89	7.4	2.2	48
Gullerwala Nala	Source Dry			

Name of Sampling location	pH	D.O. (mg/l)	BOD (mg/l)	T.C. MPN /100ml
River Sirsa D/S Nalagarh Town	8.17	9.5	1.8	40
River Sirsa D/S Nalagarh Bridge	7.89	7.4	1.8	44
River Bald U/S Landfill Site at Baddi	7.77	6.8	1.2	60
River Bald D/S Landfill Site at Baddi	7.59	5.6	1.6	68
River Kaushalya U/S Parwanoo Town	5.78	5.0	0.2	24
River Kaushalya D/S Intake Channel of WSS	8.10	6.9	0.2	40
River Sukhna at Parwanoo	6.20	6.1	2.2	140
River Sukhna U/S WSS Sector-4, Parwanoo	7.14	7.5	0.2	22
River Sukhna D/S WSS Kalka	6.01	5.6	3.6	26
River Sukhna U/S Sec-V Landfill Site Parwanoo	6.96	5.9	1.2	80
River Sukhna D/S Sec-V Landfill Site Parwanoo	8.21	7.2	1.0	32
Masulkhana Nallah U/S Morepen Lab	7.16	6.9	0.2	44
Masulkhana Nallah D/S Morepen Lab	6.90	5.2	12.0	96
Rewalsar lake	7.76	4.0	2.4	>2400
Khaziar Lake	6.76	9.8	0.4	220
Renuka Lake	8.27	8.1	1.4	32

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