

WATER QUALITY OF VARIOUS RIVERS, LAKES AND DAMS OF HIMACHAL PRADESH

DURING 2005-2006

April, 2005

| Location/ Station Code | pH | DO (mg/l) | BOD (mg/l) | TC (MPN/SPC/100ml) |
|---------------------------------------------------------------------|------|-----------|------------|-----------------------|
| Manali U/S, 1001-R-BEA-A | 8.10 | 10.8 | 0.4 | 17 |
| Kullu D/S, 1002-R-BEA-A | 7.67 | 10.0 | 0.6 | 33 |
| Aut D/S, 1003-R-BEA-A | 7.60 | 9.6 | 0.2 | 26 |
| Pardon Dam U/S, 1004-R-BEA-A | 7.20 | 9.2 | 0.3 | 14 |
| Dehar Power House, 1005-R-BEA-A | 8.12 | 12.0 | 0.4 | 33 |
| Mandi D/S, 1006-R-BEA-A | 7.90 | 9.8 | 0.3 | 70 |
| Alampur D/S, 1007-R-BEA-A | 7.75 | 8.0 | 0.9 | 11 |
| Dehra D/S, 1008-R-BEA-A | 7.92 | 7.7 | 1.3 | 33 |
| Pong Dam D/S, 1009-R-BEA-A | 8.28 | 8.1 | 1.1 | 11 |
| Tatapani U/S, 1013-R-SAT-A | 7.96 | 10.2 | 0.1 | 364 |
| Slapper U/S, 1014-R-SAT-A | 7.80 | 10.9 | 0.3 | 110 |
| Slapper D/S, 1015-R-SAT-A | 8.19 | 11.3 | 0.2 | 79 |
| Bhakhra D/S, 1016-R-SAT-A | 8.22 | 8.4 | 0.1 | 32 |
| Rampur U/S, 1086-R-SAT-A | 8.03 | 9.5 | 0.2 | 221 |
| Rampur D/S, 1087-R-SAT-A | 8.02 | 9.5 | 0.3 | 246 |
| Madhopur H/W, 1088-R-RAV-A | 7.75 | 7.7 | 1.5 | 17 |
| Chamba U/S, 1089-R-RAV-A | 7.36 | 10.2 | 0.8 | 5 |
| Largi D/S, 1090-R-LAR-A | 7.45 | 10.2 | 0.7 | 17 |
| Bhunter Parvati, 1290-R-PAR-A | 7.71 | 10.2 | 0.4 | 46 |
| Bilaspur D/S, 1291-L-GOL-A | 8.40 | 11.0 | 0.5 | 94 |
| Pong Dam U/S, 1292-L-PDL-A | 7.56 | 7.9 | 1.3 | 2 |
| Wangtu Bridge, 1389-R-SAT-A | 8.11 | 9.1 | 0.2 | 8 |
| Renuka Lake, 1429-L-REL-B | 8.28 | 8.0 | 3.4 | 36 |
| U/S Mandi, 1550-R-BEA-A | 8.25 | 9.9 | 0.2 | 26 |
| U/S Sirsa River before conf. of Sitomajri Nallah, 1551-R-SIRSA-A | 7.83 | 8.0 | 1.0 | 250 |
| D/S Nalagarh Bridge, 1552-R SIRSA-A | 8.30 | 10.7 | 3.0 | 1400 |
| U/S Paonta Sahib, 1553-R-Yamuna-A | 9.04 | 8.5 | 3.4 | 56 |
| D/S Paonta Sahib, 1554-R-Yamuna-A | 8.45 | 7.5 | 0.6 | 60 |
| River Markanda at Paonta Sahib | 8.03 | 8.2 | 4.4 | - |
| River Satluj before confluence of River Spiti at Khab | 7.85 | 8.5 | 0.2 | 1 |
| D/S Nalagarh after meeting with Khad | 8.13 | 10.7 | 4 | 1800 |
| D/S Parwanoo Town River Sukhna | 7.70 | 1.3 | 18 | 15000 |

July, 2005

| Location/ Station Code | pH | DO (mg/l) | BOD (mg/l) | TC (MPN/SPC/100ml) |
|---------------------------------------------------------------------|------|-----------|------------|-----------------------|
| Manali U/S, 1001-R-BEA-A | 7.50 | 9.9 | 1.4 | 17 |
| Kullu D/S, 1002-R-BEA-A | 7.37 | 9.5 | 0.3 | 33 |
| Aut D/S, 1003-R-BEA-A | 8.36 | 10.2 | 0.5 | 17 |
| Pandoh Dam U/S, 1004-R-BEA-A | 7.95 | 9.2 | 0.5 | 33 |
| Dehar Power House, 1005-R-BEA-A | 7.92 | 9.5 | 0.7 | 34 |
| Mandi D/S, 1006-R-BEA-A | 8.04 | 8.8 | 0.6 | 1600 |
| Sujanpur D/S, 1007-R-BEA-A | 7.71 | 8.3 | 2.0 | 240 |
| Dehra D/S, 1008-R-BEA-A | 7.82 | 7.9 | 2.4 | 920 |
| Pong Dam D/S, 1009-R-BEA-A | 8.14 | 7.2 | 1.0 | 140 |
| Tatapani U/S, 1013-R-SAT-A | 8.02 | 8.6 | 0.1 | 90 |
| Slapper U/S, 1014-R-SAT-A | 8.19 | 7.8 | 0.2 | 49 |
| Slapper D/S, 1015-R-SAT-A | 8.23 | 8.6 | 0.5 | 17 |
| Bhakhra D/S, 1016-R-SAT-A | 8.04 | 8.6 | 0.1 | 80 |
| Rampur U/S, 1086-R-SAT-A | - | - | - | - |
| Rampur D/S, 1087-R-SAT-A | - | - | - | - |
| Madhopur H/W, 1088-R-RAV-A | 7.88 | 7.6 | 1.1 | 34 |
| Chamba U/S, 1089-R-RAV-A | 7.63 | 9.4 | 1.2 | 240 |
| Largi D/S, 1090-R-LAR-A | 8.16 | 10.8 | 0.2 | 17 |
| Bhunter Parvati, 1290-R-PAR-A | 7.22 | 9.5 | 0.6 | 33 |
| Bilaspur D/S, 1291-L-GOL-A | 8.08 | 8.2 | 0.6 | 2400 |
| Pong Dam U/S, 1292-L-PDL-A | 8.31 | 7.0 | 1.4 | 33 |
| Wangtu Bridge, 1389-R-SAT-A | - | - | - | - |
| Renuka Lake, 1429-L-REL-B | 9.0 | 7.2 | - | 50 |
| U/S Mandi, 1550-R-BEA-A | 8.13 | 9.0 | 0.6 | 33 |
| U/S Sirsa River before conf. of Sitomajri Nallah, 1551-R-SIRSA-A | 8.03 | 7.8 | 0.1 | 60 |
| D/S Nalagarh Bridge, 1552-R SIRSA-A | 8.30 | 7.2 | 0.2 | 160 |
| U/S Paonta Sahib, 1553-R-Yamuna-A | 7.18 | 7.7 | - | 90 |
| D/S Paonta Sahib, 1554-R-Yamuna-A | 8.22 | 7.9 | - | 70 |
| River Markanda at Paonta Sahib | 8.62 | 7.8 | - | 30 |
| River Satluj before confluence of River Spiti at Khab | - | - | - | - |
| D/S Nalagarh after meeting with Khad | 8.24 | 7.4 | 0.2 | 190 |
| D/s Parwanoo Town River Sukhna | 7.30 | 6.2 | 1.0 | 300 |

October, 2005

| Location/ Station Code | pH | DO (mg/l) | BOD (mg/l) | TC (MPN/SPC/100ml) |
|---------------------------------------------------------------------|------|-----------|------------|-----------------------|
| Manali U/S, 1001-R-BEA-A | 7.70 | 10.6 | 0.3 | 7 |
| Kullu D/S, 1002-R-BEA-A | 7.66 | 9.7 | 0.6 | 17 |
| Aut D/S, 1003-R-BEA-A | 7.66 | 10.3 | 0.2 | 9 |
| Pandoh Dam U/S, 1004-R-BEA-A | 7.52 | 10.0 | 0.3 | 17 |
| Dehar Power House, 1005-R-BEA-A | 8.06 | 9.8 | 0.3 | 17 |
| Mandi D/S, 1006-R-BEA-A | 8.02 | 9.0 | 0.8 | 34 |
| Sujanpur D/S, 1007-R-BEA-A | 7.42 | 8.4 | 0.5 | 70 |
| Dehra D/S, 1008-R-BEA-A | 7.84 | 7.9 | 0.7 | 220 |
| Pong Dam D/S, 1009-R-BEA-A | 7.67 | 8.1 | 0.5 | 70 |
| Tatapani U/S, 1013-R-SAT-A | 8.11 | 8.6 | 0.1 | 124 |
| Slapper U/S, 1014-R-SAT-A | 8.12 | 9.2 | 0.3 | 33 |
| Slapper D/S, 1015-R-SAT-A | 7.84 | 9.6 | 0.4 | 33 |
| Bhakhra D/S, 1016-R-SAT-A | 8.33 | 9.5 | 0.1 | 80 |
| Rampur U/S, 1086-R-SAT-A | 8.06 | 9.1 | 0.1 | 170 |
| Rampur D/S, 1087-R-SAT-A | 8.19 | 9.1 | 0.3 | 186 |
| Madhopur H/W, 1088-R-RAV-A | 7.64 | 7.2 | 0.6 | 34 |
| Chamba U/S, 1089-R-RAV-A | 8.08 | 10.8 | 0.4 | 14 |
| Largi D/S, 1090-R-LAR-A | 8.15 | 10.8 | 0.2 | 7 |
| Bhunter Parvati, 1290-R-PAR-A | 7.63 | 9.8 | 0.4 | 9 |
| Bilaspur D/S, 1291-L-GOL-A | 7.88 | 9.3 | 0.3 | 34 |
| Pong Dam U/S, 1292-L-PDL-A | 7.81 | 7.7 | 0.4 | 46 |
| Wangtu Bridge, 1389-R-SAT-A | 8.10 | 9.2 | 0.1 | 1 |
| Renuka Lake, 1429-L-REL-B | 8.54 | 6.7 | 1.4 | 20 |
| U/S Mandi, 1550-R-BEA-A | 7.84 | 9.3 | 0.3 | 17 |
| U/S Sirsa River before conf. of Sitomajri Nallah, 1551-R-SIRSA-A | 8.13 | 9.0 | 0.5 | 70 |
| D/S Nalagarh Bridge, 1552-R SIRSA-A | 8.12 | 9.2 | 2.0 | 220 |
| U/S Paonta Sahib, 1553-R-Yamuna-A | 8.44 | 6.7 | 2.0 | 32 |
| D/S Paonta Sahib, 1554-R-Yamuna-A | 8.36 | 8.2 | 2.2 | 28 |
| River Markanda at Paonta Sahib | 8.59 | 8.2 | 2.2 | 42 |
| River Satluj before confluence of River Spiti at Khab | - | - | - | - |
| D/S Nalagarh after meeting with Khad | 8.12 | 8.5 | 2.0 | 250 |
| D/s Parwanoo Town River Sukhna | 7.65 | 4.0 | 36.0 | 5600 |

January, 2006

| Location/ Station Code | pH | DO (mg/l) | BOD (mg/l) | TC (MPN/SPC/100ml) |
|------------------------------------------------------------------|------|-----------|------------|--------------------|
| Manali U/S, 1001-R-BEA-A | - | - | - | - |
| Kullu D/S, 1002-R-BEA-A | 7.96 | 9.9 | 0.7 | 6 |
| Aut D/S, 1003-R-BEA-A | 7.86 | 10.4 | 0.3 | 4 |
| Pandoh Dam U/S, 1004-R-BEA-A | 7.62 | 10.0 | 0.4 | 9 |
| Dehar Power House, 1005-R-BEA-A | 7.91 | 10.3 | 0.5 | 2 |
| Mandi D/S, 1006-R-BEA-A | 7.91 | 8.3 | 1.0 | 17 |
| Sujanpur D/S, 1007-R-BEA-A | 8.08 | 7.8 | 1.0 | 26 |
| Dehra D/S, 1008-R-BEA-A | 8.19 | 7.5 | 1.2 | 70 |
| Pong Dam D/S, 1009-R-BEA-A | 8.24 | 7.5 | 1.0 | 280 |
| Tatapani U/S, 1013-R-SAT-A | 7.80 | 10.4 | 0.2 | 82 |
| Slapper U/S, 1014-R-SAT-A | 8.14 | 9.8 | 0.5 | 7 |
| Slapper D/S, 1015-R-SAT-A | 8.07 | 9.8 | 0.4 | 7 |
| Bhakhra D/S, 1016-R-SAT-A | 7.97 | 8.7 | 0.2 | 2 |
| Rampur U/S, 1086-R-SAT-A | 7.92 | 10.6 | 0.1 | 46 |
| Rampur D/S, 1087-R-SAT-A | 0.09 | 10.6 | 0.3 | 64 |
| Madhopur H/W, 1088-R-RAV-A | 8.01 | 8.1 | 0.9 | 17 |
| Chamba U/S, 1089-R-RAV-A | 8.14 | 10.2 | 1.0 | 11 |
| Largi D/S, 1090-R-LAR-A | 8.06 | 10.8 | 0.5 | 4 |
| Bhunter Parvati, 1290-R-PAR-A | 7.64 | 10.3 | 0.3 | 6 |
| Bilaspur D/S, 1291-L-GOL-A | 8.11 | 9.5 | 0.6 | 17 |
| Pong Dam U/S, 1292-L-PDL-A | 8.12 | 7.3 | 0.8 | 27 |
| Wangtu Bridge, 1389-R-SAT-A | 8.12 | 9.8 | 0.1 | - |
| Renuka Lake, 1429-L-REL-B | 8.10 | 6.5 | 3.0 | 10 |
| U/S Mandi 1550-R-BEA-A | 8.08 | 8.8 | 0.5 | 6 |
| U/S Sirsa River before conf. of Sitomajri Nallah, 1551-R-SIRSA-A | 8.13 | 10.9 | 0.1 | 82 |
| D/S Nalagarh Bridge, 1552-R SIRSA-A | 8.46 | 12.4 | 0.3 | 1280 |
| U/S Paonta Sahib, 1553-R-Yamuna-A | 8.90 | 7.4 | 6.0 | 12 |
| D/S Paonta Sahib, 1554-R-Yamuna-A | 8.94 | 7.6 | 5.0 | 18 |
| River Markanda at Paonta Sahib | 8.62 | 7.2 | 7.0 | 15 |
| River Satluj before confluence of River Spiti at Khab | - | - | - | - |
| D/S Nalagarh after meeting with Khad | 7.90 | 6.8 | 40.0 | 1210 |
| D/s Parwanoo Town River Sukhna | 8.04 | 6.5 | 68.0 | 3800 |

HOME