

Table 3-1 River Pollution by River-lengths

| Period | Total Length | Non-Polluted (RPI \leq 2.0) | | Lightly Polluted (2.0<RPI \leq 3.0) | | Moderately Polluted (3.1 \leq RPI \leq 6.0) | | Heavily Polluted (RPI>6.0) | |
|--------|--------------|-------------------------------|------|---------------------------------------|-----|---|------|----------------------------|-----|
| | Km | Km | % | Km | % | Km | % | Km | % |
| 2005 | 2,904.2 | 1,864.9 | 64.2 | 287.8 | 9.9 | 572.5 | 19.7 | 179.1 | 6.2 |
| 2006 | 2,933.9 | 1,922.7 | 65.5 | 263.3 | 9.0 | 573.2 | 19.5 | 174.7 | 6.0 |
| 2007 | 2,933.9 | 1,811.7 | 61.8 | 233.2 | 7.9 | 692.7 | 23.6 | 196.3 | 6.7 |
| 2008 | 2,933.9 | 1,912.3 | 65.2 | 264.9 | 9.0 | 632.2 | 21.5 | 124.5 | 4.2 |
| 2009 | 2,933.9 | 1,970.1 | 67.2 | 237.8 | 8.1 | 553.9 | 18.9 | 172.1 | 5.9 |
| 2010 | 2,933.9 | 1,835.9 | 62.6 | 216.1 | 7.4 | 720.6 | 24.6 | 161.4 | 5.5 |
| 2011 | 2,933.9 | 1,869.6 | 63.7 | 291.8 | 9.9 | 616.2 | 21.0 | 156.3 | 5.3 |
| 2012 | 2,933.9 | 1,840.1 | 62.7 | 284.2 | 9.7 | 704.1 | 24.0 | 105.4 | 3.6 |
| 2013 | 2,933.9 | 1,799.8 | 61.3 | 257.0 | 8.8 | 742.2 | 25.3 | 134.9 | 4.6 |
| 2014 | 2,933.9 | 1,841.6 | 62.8 | 274.2 | 9.3 | 687.5 | 23.4 | 130.6 | 4.5 |
| 2015 | 2,933.9 | 1,949.2 | 66.4 | 246.6 | 8.4 | 614.5 | 20.9 | 123.6 | 4.2 |
| 2016 | 2,933.9 | 1,940.4 | 66.1 | 229.4 | 7.8 | 690.4 | 23.5 | 73.7 | 2.5 |
| 2017 | 2,933.9 | 2,066.8 | 70.4 | 234.0 | 8.0 | 531.1 | 18.1 | 101.9 | 3.5 |
| 2018 | 2,933.9 | 1,938.8 | 66.1 | 262.4 | 8.9 | 622.1 | 21.2 | 110.6 | 3.8 |

Source: Department of Water Quality Protection, EPA.

Note: RPI (River Pollution Index) is calculated from annual mean values of concentrations of SS, BOD5, DO and NH3-N.