

**8.1.4 Municipal Wastewater Treatment Facilities by Treatment Level and Population Served (Millions) (1)**

|      | Less than<br>Secondary |             | Secondary         |             | Tertiary          |             | No Discharge      |             | Partial Treatment |             |
|------|------------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|
|      | <u>Facilities</u>      | <u>Pop.</u> | <u>Facilities</u> | <u>Pop.</u> | <u>Facilities</u> | <u>Pop.</u> | <u>Facilities</u> | <u>Pop.</u> | <u>Facilities</u> | <u>Pop.</u> |
| 1996 | 176                    | 17.2        | 9388              | 81.9        | 4428              | 82.9        | 2032              | 7.7         | 0                 | -           |
| 2000 | 47                     | 6.4         | 9156              | 88.2        | 4892              | 100.9       | 1938              | 12.3        | 222               | -           |
| 2004 | 40                     | 3.3         | 9221              | 96.5        | 4916              | 108.5       | 2188              | 14.6        | 218               | -           |
| 2008 | 30                     | 3.8         | 7302              | 92.7        | 5071              | 112.9       | 2251              | 16.9        | 115               | -           |

Note(s): 1) The level of treatment indicates the amount of processing involved before water is released from the treatment facility. Primary treatment removes solids and oils from wastewater. Secondary treatment uses biological processes to remove organic material from the water. Tertiary treatment includes additional processes to further refine the water. No Discharge refers to facilities that do not discharge effluent to surface waters (e.g. groundwater discharge). Partial Treatment facilities perform some treatment before transferring water to another facility for further treatment.

Source(s): EPA, Clean Watersheds Needs Survey 2008 Report to Congress, 2010; EPA, Clean Watersheds Needs Survey 2004 Report to Congress, 2008.