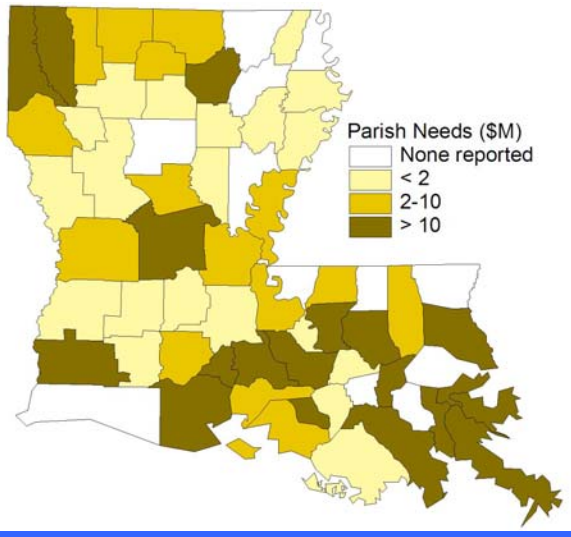
# Louisiana
# Clean Watersheds Needs Survey 2008

**The Clean Watersheds Needs Survey** (CWNS) is a comprehensive assessment of needs[1] to meet the water quality and water-related public health goals of the Clean Water Act (CWA). States and the U.S. Environmental Protection Agency (EPA) conduct the CWNS every four years under CWA Section 516 (b). Louisiana documented needs totaling $4.9 billion in 2008. This is the same amount documented in 2004.




**Documented Needs in Louisiana**

| Type of Need | Needs (2008 Dollars, Millions) 2004 | 2008 | Percent Change |
|---|---|---|---|
| Wastewater treatment | $889 | $1,384 | 56% |
| Pipe repair and new pipes | $3,055 | $2,505 | -18% |
| Recycled water distribution | nr [a] | $21 | n/a |
| Combined sewer overflow correction | $0 | $0 | 0% |
| **Total Wastewater Treatment Needs** | **$3,944** | **$3,910** | **-1%** |
| Conveyance infrastructure | n/a | $121 | n/a |
| Treatment systems | n/a | nr | n/a |
| Green infrastructure | n/a | nr | n/a |
| General stormwater management | $2 | <$0.5 | -84% |
| **Total Stormwater Management Needs[b]** | **$2** | **$122** | **>1,000%** |
| Agriculture (cropland) best management practices (BMPs) | nr | $1 | n/a |
| Agriculture (animals) BMPs | nr | nr | 0% |
| Silviculture (forestry) BMPs | nr | $1 | n/a |
| Ground water protection: unknown source BMPs | nr | nr | 0% |
| Marinas BMPs | nr | nr | 0% |
| Resource extraction BMPs | nr | nr | 0% |
| Brownfields remediation | nr | nr | 0% |
| Storage tank remediation | nr | $1 | n/a |
| Sanitary landfills BMPs | nr | nr | 0% |
| Hydromodification (Water resource restoration and protection) | $984 | $887 | -10% |
| Other estuary management activities[c] | n/a | nr | n/a |
| **Total Nonpoint Source Control Needs[b,d]** | **$984** | **$891** | **-9%** |
| **Total Decentralized Wastewater Treatment Needs[b,d]** | **nr** | **nr** | **0%** |
| **Total Needs** | **$4,930** | **$4,923** | **0%** |

[a]Not reported; [b]Actual needs may be higher, since documenting these needs is difficult; [c]In 2004, Other Estuary Management Needs were reported under Separate State Estimates (SSEs); [d]Not included in Official Needs in the Report to Congress.

[1] Documented needs in the CWNS include the unfunded capital costs of projects as of January 1, 2008 that address a water quality or a water quality-related public health problem existing as of January 1, 2008, or expected to occur within the next 20 years; and meet the seven CWNS documentation criteria. All needs are in January 2008 dollars.

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## Wastewater Treatment Facilities

The enactment of the Clean Water Act (CWA) in 1972 resulted in dramatic improvements in the:

- Number of wastewater treatment plants.
- Percentage of the population served by wastewater treatment plants.
- Quality of effluent treatment from wastewater treatment facilities.

In 2008, 61% of Louisiana residents received centralized wastewater treatment services at the secondary, advanced, or no discharge treatment level, compared to 34% in 1972.

**Number of Centralized Treatment Facilities and Population Served**

| | Number of Facilities | | | Population Served | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | %Total Population | | %Total Population | |
| Treatment Level | 1972 | 2008 | Projected[a] | 1972 | 1972 | 2008 | 2008 | Projected[a] |
| **Less than Secondary** | 59 | 1 | 1 | 1,108,000 | 29 | 275 | <1 | 300 |
| **Secondary** | 67 | 68 | 62 | 918,000 | 24 | 2,097,638 | 48 | 2,385,035 |
| **Advanced** | 10 | 97 | 100 | 368,000 | 10 | 587,976 | 13 | 788,534 |
| **No Discharge** | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 205,388 |
| **Total** | **136** | **166** | **164** | **2,394,000** | **63** | **2,685,889** | **61** | **3,379,257** |

[a] Number of facilities and population served if all needs documented in the CWNS 2008 are met.

## Small Communities

In Louisiana, small community wastewater facilities serve 8% of the population and comprise 4% of total wastewater treatment and collection needs. EPA small community support information is available at: www.epa.gov/owm/mab/smcomm

**Reported Needs for Facilities in Small Communities**

| | Facilities | | Needs (2008 Dollars, Millions) | |
|---|---|---|---|---|
| Population | 2004 | 2008 | 2004 | 2008 |
| **0-999** | 53 | 41 | $77 | $80 |
| **1,000-3,499** | 58 | 44 | $91 | $54 |
| **3,500-10,000** | 25 | 22 | $90 | $39 |
| **Total** | **136** | **107** | **$256** | **$173** |

**Visit www.epa.gov/cwns for more information including:**

- Detailed Reports to Congress
- Other state fact sheets
- Maps, charts, and data downloads for projects, facilities, watersheds, counties, congressional districts, cities, states, and regions