

The USA Relies on "Onsite"

Decentralized (onsite) systems treat wastewater from homes, businesses and communities "onsite" and return the treated water naturally into the environment.

Impact on USA

- 30 million decentralized wastewater treatment systems in use in the US
- 200,000-500,000 new residential onsite / decentralized systems are installed every year
- 200,000 are repaired or replaced each year

Annual Impact

\$3.8 - \$5.6 billion annual economic activity

New Installations

\$1.2-\$3 billion

Replacement

\$1.2 billion

Onsite Systems Service / Maintenance

\$1.5 billion

Onsite Systems Pumping

\$680 million



Decentralized Systems Mean Jobs

75,000 - 150,000 private sector jobs are created in the onsite wastewater industry.

Decentralized (onsite) infrastructure and workforce is primarily private sector while most centralized systems are funded by the public sector.

WHERE IT HAS WORKED

Mobile, AL

The Mobile Area Water and Sewer System (MAWSS) and the city of Mobile, Alabama, together with South Alabama Utilities in Mobile County, manage two centralized plants and more than 15 cluster systems serving residential, commercial, and school properties. Faced with significant growth and aging infrastructure, MAWSS decided to begin using cluster facilities to serve new residential developments. In this way, MAWSS improved service to residents, provided a new business and revenue source, and protected water quality using professionally managed decentralized systems, while saving money on costly sewer extensions. **The sewer mining project demonstrated the feasibility and cost-effectiveness of integrating decentralization into an urban centralized system, as well as reuse of treated wastewater to conserve community water supplies.** South Alabama Utilities has provided decentralized wastewater treatment service to growing parts of Mobile County where centralized wastewater service was not available or cost effective.

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CLEAN WATER - GREEN JOBS *RECOGNIZING THE VALUE OF DECENTRALIZED WASTEWATER*