



(877) 300-WATER

Sanitation Districts of Los Angeles County

Resource Recovery

The Sanitation Districts have led advancements in resource recovery in the wastewater treatment process since 1985 when biogas was first used to run pump engines at the Joint Water Pollution Control Plant (JWPCP). Materials that would otherwise be considered waste, such as biogas (methane), biosolids (the residual of wastewater treatment), and recycled water, are converted into resources that are used extensively by the Sanitation Districts and their local municipal partners.

Energy

- Biogas fuels a power plant that runs the Joint Water Pollution Control Plant
- Surplus electricity sold to the local power company
- Biogas heats digesters and produces steam for in-plant use

Biosolids

- Composted, bagged and sold (soil amendments)
- Used on agricultural fields to condition soil
- Used in cement kilns to reduce air emissions

Water Recycling

Recycled water uses approved by the California Department of Health Services include:

- Landscape and agricultural irrigation
- Water supplies for livestock
- Recreational uses (i.e. lakes)
- Replenishing underground water supplies
- Industrial reuse (e.g., carpet dyeing, paper manufacturing, and cement mixing)
- Toilet flushing
- Make-up water for cooling towers
- Various construction uses