

...Not only do we process about **6 billion gallons of wastewater** a year and safely release it into **San Francisco Bay**, we are also a certified **Green Business** and work in partnership with the community for **environmental responsibility**.

We are dedicated to:

- Complying with all applicable regulations and strive to exceed compliance
- Conserving energy, water, materials and other resources
- Developing and implementing practices that prevent pollution and waste
- Being an environmentally responsible business within our community
- Continuously striving for improvement



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CMSA is dedicated to energy efficiency and environmental sustainability in Agency projects, initiatives and business practices.

These principles have been incorporated into our Strategic Business Plan and include maintaining our Green Business Certification with the County of Marin, conducting energy and greenhouse gas audits, and using recycled and reused products and methods.



CENTRAL MARIN SANITATION AGENCY
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The fish are jumping for joy!



Cleanly treated water is just one of the many ways we help the environment...

CENTRAL MARIN SANITATION AGENCY



When the fish are happy, so are we.

Check out some of the ways we go green and keep things going swimmingly...

RECYCLED MATERIALS

- Paper materials and cardboard are collected in 110 bins throughout the plant and picked up by Marin Sanitary Service each week.
- Aluminum cans and foil are collected and recycled.
- Plastic materials and containers are collected and recycled at Marin Recycling Center.
- Scrap metal and similar materials are collected and recycled.
- Green waste, such as grass clippings, leaves and other organic materials are used in a composting operation by Marin Sanitary Service.
- We participate in the Household Waste Collection days at the Marin Civic Center to exchange thermometers and collect mercury-containing devices to dispose of them properly.



RECLAIM AND REUSE

- 196 million gallons a year of reclaimed water are used for landscape irrigation, tank wash-down, engine cooling and is sent to Remillard Pond to ensure the survival of the Western Pond Turtle.
- More than 6,000 tons of biosolids are beneficially reused as alternate daily cover at Redwood Landfill, and as land-applied fertilizer for livestock feed crops.



ACTIVITIES & PRACTICES

- The Agency uses high-efficiency plumbing and energy-efficient fixtures and light bulbs.
- Green commuting alternatives are encouraged through carpooling, biking, and using public transportation.
- On Spare-the-Air Days, no gasoline-powered landscape maintenance equipment is used.
- Digital document management is an Agency standard practice.
- The Agency maintains a green vehicle fleet, with half of our vehicles being hybrid or natural gas powered.
- Bicycles and electric carts are used on site.
- Computers and servers are kept up-to-date with newer models with greater efficiency.
- The plant's state-of-the-art aeration blowers are used on two of the four blowers—providing 20-30% energy savings.
- Digital HVAC system reduces heating and cooling demands.
- 90% of the plant's energy needs are supplied by an engine and generator that are fueled by biogas supplied by our anaerobic digesters and natural gas. Energy savings for 2012 exceeded \$250,000.
- The Agency works with the County's Public Outreach program to educate residents in what is safe to put down the drain and what is not.



HAZARDOUS MATERIALS

- Oils and lubricants are collected and stored in a waste oil facility, which are then recycled.
- Dentists in our service area are required to install mercury/amalgam separators and dispose of the waste mercury properly.
- Florescent tubes, batteries, ewaste, and mercury containing devices are disposed of safely.
- The Agency helps fund the County's collection and proper disposal of pharmaceuticals.
- As part of Marin's Integrated Pest Management Program, herbicides and pesticides are handled appropriately.



REGULATORY COMPLIANCE

CMSA has helped to protect the environment by producing clean effluent, treated to an advanced secondary treatment level, which is then discharged into the San Francisco Bay. The treated water consistently exceeds all regulatory requirements.