

OUR FACILITY — A VALUABLE COMMUNITY RESOURCE

Here at the City of Santa Cruz Wastewater Treatment Facility we have taken wastewater treatment seriously every day of the year since 1928. Early treatment consisted of a screening pumping plant. Primary treatment was provided in 1965. A major modernization of the facility to provide advanced primary treatment and secondary biological treatment was completed in 1998. The facility is now designed to provide a high level of treatment for up to 17 million gallons per day (MGD) during dry weather flows, and to provide wet weather treatment for up to 81 MGD. The facility provides state-of-the-art wastewater treatment for the City of Santa Cruz and for Capitola, Live Oak, Soquel, Aptos and UCSC. With a replacement value of over \$100 million, this facility is one of the community's most valuable assets.

TECHNOLOGY KEEPS OUR ENVIRONMENT HEALTHY

Sewage treatment is an extremely complex and expensive operation but is vital for the health and well being of the community. Sewage, which is made up almost totally of water, is carried through a

network of underground pipes and pumps throughout northern Santa Cruz County to our treatment facility. The aim of sewage treatment is to remove all pollutants and produce an effluent that is as close as possible to fresh water, that can be reused or returned to

the environment. This highly treated effluent, that meets all US Environmental Protection Agency standards, flows by gravity from our facility through an ocean outfall line 110 feet below sea level, and is discharged one mile off shore. In 1999 the City of Santa

Cruz replaced the chlorination and dechlorination treatment systems with an ultraviolet (UV) light disinfection system, that eliminated the use of hazardous chemicals in the disinfection process and made our community safer. The City's state of the art treatment process

contributes to maintaining the high quality and environmental health of the Monterey Bay National Marine Sanctuary.

On an average day our facility receives and treats 10 million gallons of wastewater — enough to fill

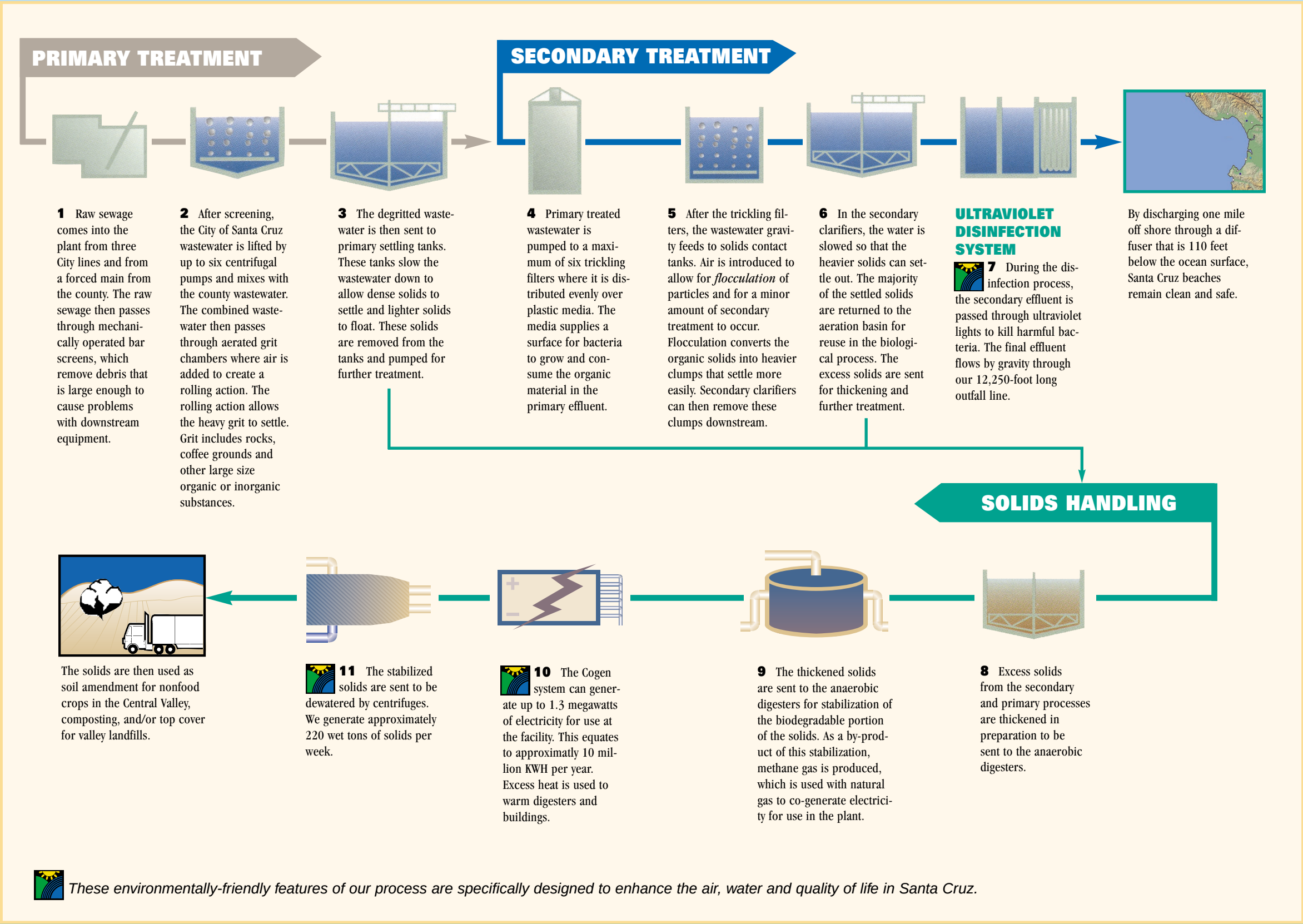
a swimming pool the size of a football field to a depth of almost 50 feet! Think you are not involved with wastewater? Guess again! You and every other person in the City and north county produces about 100 gallons of wastewater every day, from toilets, showers, washing

machines and other domestic sources. In addition, millions of gallons of wastewater are produced by businesses each day.

PROUDLY SERVING OUR COMMUNITY

Talking about environmental

protection is good, but doing something about protecting the environment is even better. At the Santa Cruz Wastewater Treatment Facility we believe that protecting the environment for future generations requires a concerted effort on many fronts. Motivated by a strong environmental ethic, dedicated staff throughout our organization lead the way in environmental action based on the latest scientific research and accomplished with appropriate uses of technology. The Santa Cruz Wastewater Treatment Facility is ready to serve the needs of the community well into the 21st century.



WET WEATHER TREATMENT

The plant normally treats about 10 million gallons per day (MGD) during dry weather. During the wet weather season we can receive significantly more flow. We can treat up to 81 MGD.