



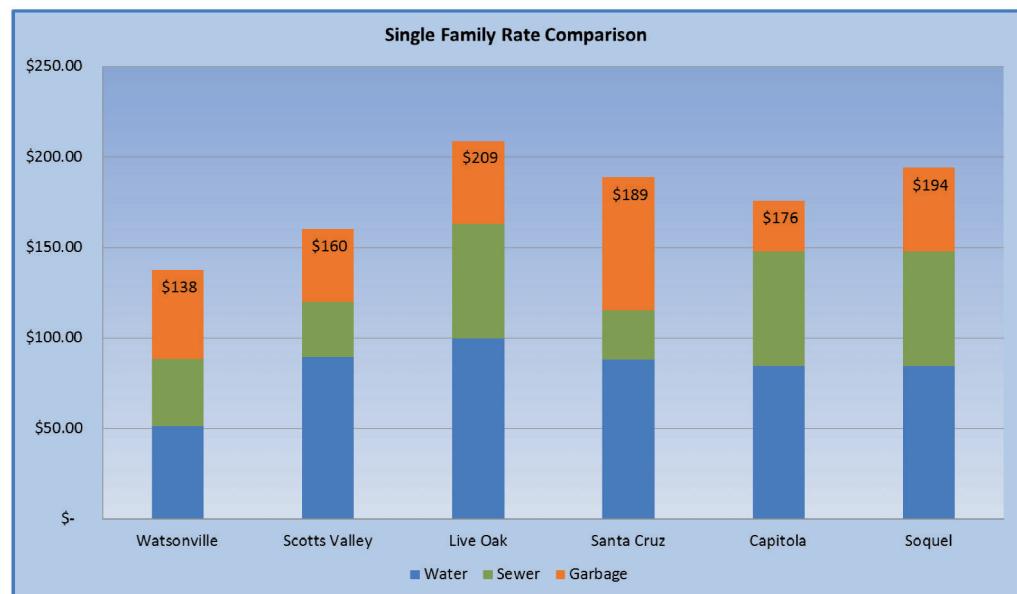
# City of Watsonville

## Investing In Our Infrastructure

The City of Watsonville, along with many other jurisdictions in the country, are in need of major investments to modernize and upgrade infrastructure ensuring reliable and efficient services now and for the future. We serve over 65,000 customers throughout Watsonville, Corralitos, Freedom and the Pajaro Beach Community.

Our City's water and sewer mains are in need of repair and must be replaced to minimize breaks, service disruptions, and water loss. In Watsonville we have 177 miles of water lines, 100 miles of which are over 50 years old. Similarly, half of our water sources (wells and reservoirs) are also over 50 years old. Additionally, the City is in the process of closing its landfill and looking into new ways to divert our solid waste.

### THE CITY OF WATSONVILLE OFFERS THE LOWEST RATES IN THE AREA.



Despite having the lowest levels of staffing in our area, we work very hard to maintain a high level of service at the lowest cost to our residents.

### OUR AGING WATER INFRASTRUCTURE

Over the last couple of years, our City's Water Service Department has been working on replacing our aging water infrastructure. The Water Main Replacement Program is a preventative, pro-active plan to replace and improve our aging infrastructure before unexpected breaks or disruptions occur. By replacing sections of pipeline we will conserve water, reduce water leaks, and improve your water service and water quality.

Recent rate increases have been able to fund and support the progress we are making. The cost to maintain our pipes and wells continues to rise as the cost of materials and electricity increase. Replacing water mains costs about \$750,000 per mile.



### NEW GROUNDWATER WELLS

Every day 7 million gallons of water are pumped from the City's groundwater wells. Half of our wells are more than 50 years old- the oldest well is 90 years old. The City will be exploring new sites to build two new wells in the coming years to continue to provide safe and reliable drinking water.



| 2016 Water Main Accomplishments                       | 2017-18 Water Main Replacement Goals                  |
|---|---|
| Sunny Hills   | Crescent Drive  |
| Dr. Kralj / Oakridge Beach                            | Clifford (Main to Pennsylvania)                       |
| St. Freedom Blvd                                      | Green Valley (at Home Depot)                          |
| Watsonville Square                                    | Beach St. (Main to Lincoln)                           |
| 20 New Residential & Commercial Service Installations | 25 New Residential & Commercial Service Installations |
| Four New Hydrants Installations                       | Six New Hydrant Installations                         |

## SEWER INFRASTRUCTURE

The City's sewer collection system has more than 150 miles of sewer pipelines. Between 30%-40% are over 50 year old clay pipes susceptible to root intrusion and leaks. Many of the old sewer pipes were constructed long ago. Some date back to the early 1900's, and did not account for additional flow from future development. The Sewer Replacement Program is an ongoing effort to replace deteriorated and failing lines to ensure the integrity of the system. The cost to replace one mile of sewer pipeline is \$1,500,000.



The Wastewater Collection Maintenance team routinely inspects the sewer using a remote robot-camera checking for tree roots, sags, pipe displacements, structural defects and deterioration that can potentially disrupt and reduce sanitary sewer flow capacity.

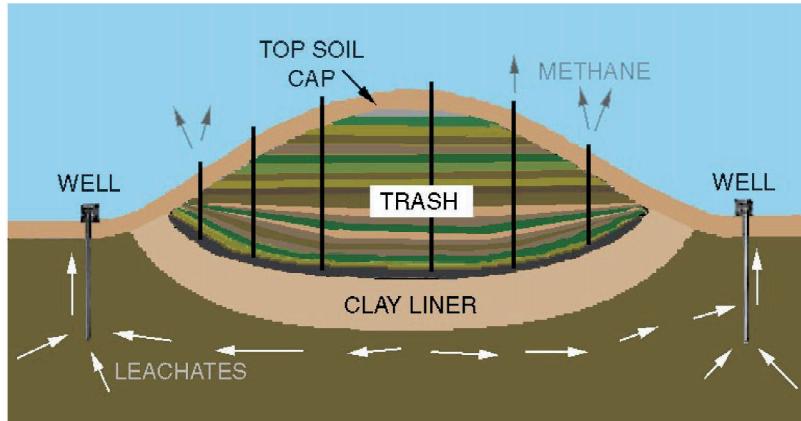
| Sewer Main Replacement Projects Completed/Under Construction (2016-17) | Upcoming Sewer Main Replacement Projects (2017-18) |
|--|--|
| Mañana Lane  | Baron Court  |
| Holly Drive  | Loma Prieta Ave                                    |
| Chappell Road  | Union Street                                       |
| Freedom Blvd. Storm Drain  | Davis Avenue                                       |
|  | Long View  |



## CLOSING THE CITY'S LANDFILL

The City's landfill on San Andreas Road is expected to reach capacity and will close by 2019. The City will have to enter into an agreement with a nearby landfill where we will divert our solid waste. In order to close the landfill, State and Federal regulations require that we take steps to prevent air and water pollution from the decomposing garbage.

The City is required to set aside a "post-closure" fund to ensure that funds will be available to monitor the old landfill for the next 30 years.



Rotting garbage produces methane gas and a liquid called leachate, which is similar to the liquid at the bottom of our garbage cans.

The City is responsible for daily collection of leachates and daily groundwater monitoring to prevent water pollution. Groundwater monitoring wells will be installed. The leachate is sent to the Wastewater Treatment plant. The City will also have to continue maintaining a gas extraction system to collect the methane gas. This gas is used to generate electricity.

The City will continue its outreach efforts to educate residents on how to produce less garbage in turn reducing their cost, by increasing composting, proper recycling, yard waste collection and proper disposal of household hazardous waste.

## OUR COMMITMENT TO YOU

The City of Watsonville Public Works & Utilities takes pride in our high quality services. Dedicated staff operate and maintain nearly all of the City's infrastructure while providing many of the City services that residents use on a daily basis. Despite the challenges, the City is committed to keeping rates low while addressing mandates and critical infrastructure needs. City staff is actively pursuing grants to help cover some of these costs.