

## SUSTAINABILITY

### SUSTAINABILITY IN PINOLE

Given its small size and the built out nature of the community, Pinole is already practicing sustainable development in a variety of ways in order to optimize use of limited resources. Notable among the City's recent programs are:

- Partnership with the County and other sustainability partners.
- Acceptance of the Pinole Creek Vision, Master Plan and Restoration Project.
- Consideration of alternative sewage disposal and treatment [to improve water quality protection and reuse wastewater](#).
- Waste management through an e-waste program and City-sponsored community garage sales and/or other recycling events.
- Examination of opportunities to extend solar power to public buildings.
- Completion of a Greenhouse Gas Inventory to establish a baseline level of greenhouse gas (GHG) emissions within Pinole.
- PDAs. All three of Pinole's main corridors (San Pablo Avenue, Pinole Valley Road and Appian Way) have been designated as Potential Priority Development Areas (PDAs) by ABAG. As part of a region-wide planning effort, Pinole seeks to focus housing development along with amenities and services to meet the day-to-day needs of residents in a pedestrian-friendly environment served by transit.
- Three Corridor Specific Plan – The City has prepared a draft plan for the three main commercial corridors in Pinole (as discussed further in the Land Use and Economic Development Element and Circulation Element) and will adopt a Specific Plan to promote more compact development along these corridors, mixed housing types, alternative design guidelines, enhancement of the cultural resource of Old Town Pinole, alternative modes of transportation and an improved jobs/housing balance.
- Stormwater Management – Pinole has joined the State of California and Contra Costa County in implementing programs that reduce impervious surfaces and clean stormwater runoff before it enters San Pablo Bay.



## SUSTAINABILITY

**Sustainable Water Resources.** The City will prudently manage water resources to sustain plant and animal life, support urban activities, and protect public health and safety. The City will manage water use and disposal to:

- Pursue long-term reductions in the volume of discharge to the San Pablo Bay (Bay) through reuse of wastewater and the increase of **Low Impact Development (LID)**.
- Pursue long-term reductions of the mass discharge of each pollutant to the creeks and Bay through a combination of effluent reuse, pollutant decreases and stormwater pollutant decreases.
- Use natural systems to maintain and enhance environmental quality by having them perform such functions as cleaning air and water, and controlling storm water runoff.
- Pursue long-term reductions of pollutant concentrations in the ecosystem (air, water and land) from the residuals generated by the water pollution control and treatment plants.
- Ensure a sustainable water supply to support the expected future growth of Pinole.



**Comment [s1]:** • Add a definition to the glossary? = Low Impact Development (LID) is a comprehensive approach to land planning and design with the goal of maintaining and enhancing the pre-development hydrologic regime of urban and developing watersheds.

### GOALS, POLICIES AND IMPLEMENTATION ACTIONS

**GOAL SE.6** Integrate green building standards into all new and rehabilitated development.

**POLICY SE.6.1** Develop local green building and energy efficiency standards.

**Action SE.6.1.1** Develop a Green Building Ordinance to require green building standards be utilized such as the use of renewable energy, efforts to improve air and water quality, and to conserve natural resources. Other areas to address in the Ordinance include building orientation and shading, landscaping, solar orientation, and sustainable building materials.

**Action SE.6.1.2** Develop a Green Streets program to encourage designs that enhance the City's ecological function, reduce stormwater discharge through the use of pervious surfaces and infiltration enhancements (e.g. planters, swales and channels), and expand sidewalk plantings to reduce the heat island effect of developed areas.