

Parks and Community Facilities and Utilities Element

5.0 PARKS, COMMUNITY FACILITIES AND UTILITIES

5.1 Introduction

The City of Martinez has consolidated the topics of parks, community facilities and Utilities in this Parks, Community Facilities and Utilities Element. Parks, schools and public utility services are an essential and vital part of the community. The purpose of this element is to document existing facilities, infrastructure and services, identify areas of improvement and ensure demand is met as the community grows.

Having access to quality public facilities makes living in Martinez desirable. Services such as parks, schools, and public utility services like water and waste management are a source of civic pride and improve quality of life. Martinez is committed to providing a high level of service to all residents, and it is the purpose of this element is to establish guidelines that enable the City to continue to offer quality services well into the future, even as the community's needs change.

Some of these services are not run by the City, but instead are overseen by other government bodies or private institutions. In these cases, while the City retains land use planning authority, the City does not have direct control over the operation of the facilities or the transmission of services to the community related thereto. Therefore, the goals and policies addressing these services aim to strengthen the partnership between the City and the respective controlling bodies in order to collaboratively and effectively serve the Martinez community.

Topic and Policy Order

This element is generally divided into three sections:

5.2 Park, Recreation and Community Facilities.

5.3 Educational Facilities, and



Rankin Aquatic Center - Remodel
Completed in 2011

General Plan

5.4 Utilities and Urban Infrastructure.

For each service, current conditions and concerns are summarized and issues that are projected to arise during the life of the General Plan, if any, are identified. The General Plan intentionally provides only a brief description of these services in order to frame the goals and policies. Several are addressed in greater depth in their own stand-alone document. These documents, if available, are noted in the appropriate sections below.

5.2 Parks, Recreational and Community

Martinez offers a wide variety of recreational opportunities and community services for all ages. Having such facilities is important for both the physical and mental health of individuals and also helps foster community. Martinez values its public amenities. In recent years, Martinez has greatly benefitted from several park infrastructure upgrades which were made possible by the community's support of Measure H in 2008. With those funds the City was able to provide several parks with new restrooms and rubber playground surfacing, build a brand new pool facility, renovate 2 fields, 4 basketball courts and 4 tennis courts, make general landscape improvements, and enhance Americans with Disabilities Act (ADA) access. Improvements such as these ensure that residents have access to attractive, safe, and accessible spaces for gathering, relaxation, exercise, and play. Open Space, another important community amenity is discussed in Chapter 3, Open Space and Conservation.

Parks

The Public Works Department oversees 169 acres of developed park space (further referred to simply as "park space"). This space is distributed between many parks that vary greatly in terms of size and amenities offered. In some instances the City has partnered with another institution, such as Martinez Unified School District, to provide additional park space and contribute to the diversity of recreational opportunities. The table entitled List of Parks Maintained by City provides name, type and acreage information for all the parks maintained by the City.

LIST OF PARKS MAINTAINED BY CITY

Name	Type	Acreage
Alhambra Park	Plaza	0.55
Cappy Ricks Park	Neighborhood	1.9
Ferry Point Picnic Area	Memorial	3.8
Foothills Park	Linear	2.3
Golden Hills	Neighborhood	9.6
Highland Avenue Park	Neighborhood	0.25
Hidden Lakes Park	Community	24
Hidden Valley Park	Community and School*	17
Hidden Valley Linear Park	Linear	2.3
Holiday Highlands Park	Neighborhood	2

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John Muir	School*	7.4
John Muir Memorial Park	Plaza	0.42
Main Street Plaza	Plaza	0.45
Martinez Marina	Community*	60.0
Morello Park	Community and School*	7.1
Mountain View Park	Neighborhood*	4.5
Nancy Boyd Park	Community and Memorial	7.3
Plaza Ignacio Martinez	Plaza	1
Rankin Park	Community	42
Susana Street Park	Neighborhood	1.2
Steam Train Display	Community	0.25
Waterfront Park	Community*	31
Veterans Memorial Park	Memorial	0.2
	Total:	226.52

*Denotes lease in effect for a portion or all of space

The designated space types for table above are defined as follows:

- **Community Park:** Intended to meet the demands of a large portion of the City, it is larger and offers a greater quantity more, and often more specialized amenities than a neighborhood park.
- **Linear Park:** A park located along a roadway, waterway, bikeway, or other similar public corridor.
- **Memorial Park:** A park with the primary purpose of recognizing and commemorating particular historical events, persons, or places.
- **Neighborhood Park:** A park developed to serve the recreational needs of a small portion of the City, typically within half a mile of the park. It is usually family- and children- oriented and may have play equipment and/or sports courts and fields.
- **Plaza:** A formal, generally flat open area characterized by pedestrian walkways and passive features such as benches, fountains and formal garden planting beds.
- **School Park:** A park developed, improved and maintained on school grounds by the City that is used by the community or neighborhood at large. This type of park recognizes the lack of existing neighborhood facilities to serve its immediate area and lack of available land in developed areas for new parks.
- **Special Use Park:** A park designated to meet the specific needs of a particular heavy use activity.

General Plan



Holiday Highland Park - This project consisted of ADA, playground upgrade and other turf, picnic and park improvements. A restroom was installed at the park along with sewer connection.

Since the 1980s the City's established General Plan parkland to resident ratio has been established as 5 acres of park space for every 1,000 residents. Martinez residents currently enjoy 6.22 acres of park space per every 1,000 residents. In addition, Martinez residents are fortunate to currently have access to over 410 acres of open space. These natural areas are maintained by the City, East Bay Regional Parks District, and Muir Heritage Land Trust and provide residents and nonresidents alike with numerous miles of local and regional trails that support hiking, biking, and horseback riding with complimentary scenic views. For more information on open space see the Open Space and Conservation Element.

Future Park Demand

The population of Martinez is projected to grow up to 40,000 by 2035. Should that growth happen, the City would need to acquire (29.5 acres for 2010-2035 increase) more acres of park space to meet its park acreage to people ratio goals. When developing new parkland, it is important that efforts are made to ensure that this valuable resource is distributed throughout the city so that everyone has access to recreational opportunities. Currently, three general areas have been identified as underserved or are projected to be underserved:

(1) Alhambra Hills – located south of Nancy Boyd Park and north of Foothill Park, this area is expected to see some new development in the future. A neighborhood park would be appropriate to serve the needs of this community.

(2) Pacheco Corridor – located at the eastern edge of the City and north of Highway 4, this area is increasingly put under more and more pressure from development along Interstate 680. There is the unique opportunity in this area to continue the Contra Costa Canal Trail, which currently terminates at Muir Road, south of Highway 4. Another option, suggested by the Parks System Master Plan (1992-97, 2007-12), is to study the potential of developing the Martinez Reservoir site into a park. This site, about a mile northwest of the Canal Trail terminus, could further connect to the Trail.

(3) Downtown – this area is projected to see the most growth, which is expected to primarily take the form of infill development. While this area is technically adequately served by the Waterfront Park (it is within a 2 mile radius), the addition of more, or improvement of existing park space within the area itself would complement the anticipated development. Such improvements would have the additional benefit of providing attractive public space for visitors, encouraging them to return.

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Two projects have been identified to fulfill these goals: (1) creating a linear park along portions of Alhambra Creek, which would also improve natural flood control, and (2) enhancing Main Street Plaza so that it is better integrated into the design and activities of Downtown.

Providing an adequate amount of parkland as the City's population increases will be challenging for two reasons. First, there are significant financial obstacles. No fund currently exists for the purpose of parkland acquisition. Further, should the City acquire more parkland, the parks maintenance budget would need to be increased so as not to compromise service to other City parks. Second, because Martinez is largely "built out," feasible potential parkland beyond what is identified above is scarce. This is especially true for community parks which tend to have sports fields and thus require a large amount of flat, open space. More information on parks can be found in the City's 2007-2012 *Parks System Master Plan*.

Public Facilities

Rankin Aquatic Center

The Rankin Aquatic Center is located at 100 Buckley Street. This aquatic center includes a play pool with a beach entry, spray play equipment, and 1-3 foot depth teaching area. The Center also includes a lap pool with eight lanes for swim meets and lap swimming with the ability for staff to create three 30 meter lanes for long course swimming. Additionally the lap pool includes a diving well, self operating handicap lift and easy access stairs. Bordering the pools are five covered picnic areas for shade. The administration building houses aquatic personnel and has room for lifeguard classes and in-service trainings. The large open bathrooms provide natural light, showers, and toilets that are ADA accessible.

Martinez Marina

For more than 40 years the Martinez Marina has been supporting boating and fishing enthusiasts from the Martinez area and beyond. The Marina includes a boat launch ramp, fishing pier, boat slips and harbormaster building. The landward side of the Marina includes lands leased from the City to private recreational uses, including the Sea Scouts Facility, the Bait Shop, a retail marine shop, and the Yacht Club, a social fraternal organization related to boating endeavors. Future work may include more dredging, break water wall repair, and entrance reconfiguration contingent upon the availability of public and private funding. The City continues to



Rankin Park Renovation - This project consisted of ADA compliance, playground upgrades, and other turf and park improvements. The existing restroom and concession building were replaced. Significant grading and sculpted retain walls were required to conform the site to ADA accessible grades.

General Plan



Martinez Library

maintain the Marina by upgrading facilities and continued dredging of the water channel.

Library

The Martinez Public Library is a branch of the Contra Costa County Library system and is located on the corner of Court and Ward Streets. The Library maintains nearly 33,000 items including books, magazines, periodicals, compact discs (CDs), digital video discs (DVDs), video and audio cassettes and other electronic resources such as e-books, which are available on the Library's website. In addition, the Library provides a variety of services such as self serve check out, story time, book clubs, craft, music, and activity workshops, college prep help, a reading garden, and computers with internet access. In 2011, the Library was renovated with Measure H funds and is therefore not expected to require major infrastructural improvements in the near future.

Senior Center

Located Downtown at 818 Green Street, the Martinez Senior Center promotes educational, recreational and social activities as well as provides services that meet the needs of the senior citizens of Martinez and surrounding cities. Members must be 50 years of age or older to join the Senior Center. The Martinez Senior Center provides a monthly newsletter to their members, which lists on-going activities, tours and special events.

Intermodal Train Station

The Amtrak station is located at 601 Marina Vista, provides a state of the art train station.

Boys and Girls Club

Diablo Valley Boys and Girls Club is located at 1301 Alhambra Avenue and provides a place for safe, positive and healthy development. Youth programming in Martinez teaches life skills and social development.

Zocchi Sports Facilities

Two sports facilities located at 360 Ferry Street operate in two rehabbed warehouses providing a venue for basketball and baseball facilities for the community.

Martinez Bocce Federation

Martinez is home to the largest Bocce league in America with 15

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courts and almost 2000 member located in Waterfront Park.

Historic Train Depot

The depot is located at the north end of Ferry Street and is the site of the original Central Pacific depot of 1877. It became a Southern Pacific depot in the 1880s, and later served as the Amtrak depot until a new Amtrak station opened to its west in 2001

Martinez Waterfront Amphitheater

An ideal outdoor venue located at 115 Tarantino Drive used for musicals, plays and city events.

Martinez Historic Museum

The Martinez Historical Society was created in 1973 to save this 1890 cottage and its site from becoming another parking lot in downtown Martinez. Convinced that our city's history deserved a repository where papers, documents, photographs and artifacts could be housed, we prevailed upon the City of Martinez to join with us in acquiring use of the "Borland House" for our purpose. A lease was obtained from the Contra Costa College District, and we took possession in February, 1974.



Old Train Station

Goals Policies and Implementation Programs for Park Facilities

Goal

PCU-G-1 Continue to provide high quality and varied park facilities allowing for recreational opportunities for the entire community.

Policy

PCU-P-1.1 Continue to maintain existing facilities.

PCU-P-1.2 Develop new park facilities and or upgrade existing facilities providing accessibility, durability and low maintenance.

Policy

PCUP-1.3 Require Developers to contribute to the parks and open space system based on their proportional share of needs generated by new residents in accordance

General Plan



Alhambra High School

with the Quimby Act.

- PCU-P-1.4 Periodically update Park Impact fees to continue to insure the City's ability to maintain park and recreation facilities.

Implementation

- PCU-1.2a Establish priorities and recommend funding for Specific Park and recreational facilities through the Capital Improvement Program process

Goal

- PCU-G-2 Acquire and develop park land using a standard of five (5) acres per one thousand residents.

Policy

- PCU-P-2.1 Develop civic parks, plazas and squares that provide urban park spaces and community gathering places as funding permits.

- PCU-P-2.2 As development occurs citywide develop linear parks and green spaces that create alternative routes for walking and enhance the area as possible. Where possible reuse abandoned or underutilized transportation corridors for pedestrian walking and hiking.

Implementation

- PCU-2.1a Pursue opportunities for acquisition of underutilized or abandoned properties for development into linear parks, civic squares providing opportunities to create additional park land.

- PCU-P-2.3 Periodically review priorities, standards and guidelines and revise as necessary to reflect any changes in community trends and or needs.

- PCU-2.3a Conduct reviews and updates of the Parks, Community Facilities and Utilities Element of the General Plan as needed to assess changes.

Cemetery

High on a hill, with scenic views of the Carquinez Straits and the City of Martinez, is The Alhambra Pioneer Cemetery and final resting place of Contra Costa County's founding fathers. Originally,

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the cemetery was part of the Don Juan Martinez Estudillo estate. John Livingston and Beverly Holiday bought the land in 1849 and subsequently created the Cemetery in 1851. At the same time, the Alhambra Cemetery Association was formed to manage the property and burials. Contra Costa County established Potter's Field in 1873, adjacent to the Alhambra Cemetery. Potter's Field was established.

The next one hundred years was a very challenging and difficult period for the cemetery. In the Mid-1870's, a wild fire swept through the cemetery, destroying wooden markers and the location of some decedents. In the 1940's an unscrupulous caretaker was incarcerated at San Quentin for double selling cemetery plots. At the same time, the "Alhambra Cemetery Commission" ceased to exist as a legal body and no owner was placed on file until the property was deeded to the State of California in 1971. The Cemetery's care and maintenance was taken over by the City in 1969 when the Association's funding ran out and the last active member passed away.

Trails

Trails are important to Martinez and provide significant opportunities for recreation throughout the City and surrounding areas. Hikers, bikers, and equestrian riders all share a need for trails, although their specific requirements for types of trails may vary. Trails provide recreational value associated with physical fitness and the enjoyment of the natural and scenic environment. Also, some trails provide safe, off-street links between neighborhoods, parks, schools, and other public facilities.

The trails system, provides access to public places and to scenic vistas that represent a significant natural amenity to the community. Where feasible, the proposed trails interconnect, providing a continuous trails system.

Goals Policies and Implementation Programs for Trail Facilities

Goal 2

PCU-G-3 An interconnected Trail System providing access to recreational opportunities should continue to be developed and enhanced as funding permits.



San Francisco Bay Trails

General Plan



Arch Bridge Pickleweek Trail

Policy

PCU-P-3.1 Improve trail connections within and beyond the City Limits and coordinate funding for trail acquisition, construction and maintenance, whenever feasible.

Implementation

PCU-3.1a Establish priorities for funding for specific park or trailhead land through the Capital Improvement Program process.

PCU-3.1b Consider purchasing land or accepting land dedication suitable for future trail development and recreational uses as land becomes available.

PCU-P-3.2 Locate and construct new trails where access is easy to maximize their potential use and enjoyment by residents and visitors. Consider locating new trails within unused street rights-of-way (such as the Panoramic Drive “paper street” between Green Street and Thomas Drive).

PCU-P-3.3 Incorporate trail development in the City’s Capital Improvement Program (CIP).

PCU-P-3.4 When considering development on parcels providing missing links in the planned trail system; Trails and connections should be incorporated into the development plan with a possible easement or dedication of public right-of-way when possible.

PCU-P-3.5 Work with the East Bay Regional Parks District (EBRPD), Contra Costa Water District, Contra Costa County, adjacent cities, regional trail groups, and other public agencies on trail planning issues, such as trail development and linkages.

PCU-P-3.6 Construct trails according to the standards established by the *California Trails Manual* and EBRPD standards.

PCU-P-3.7 Locate new trails with an emphasis on scenic qualities and making connections with local and regional open space areas, parks, points of interest and community facilities.

PCU-P-3.9 When appropriate, encourage the public purchase of private lands for the preservation of open space

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ridge lines.

- PCU-P-3.10 Require future development within or upon ridgelines to include a condition of approval to provide access to and from or through the development via public trails.

Recreational Facilities and Programs

The City of Martinez offers a range of recreational facilities including a water facility, sports fields, tennis and bocce courts. In addition, other agencies such as Martinez Unified School District and the East Bay Regional Parks District operate facilities that can be used by the public. Demand for recreational facilities will continue and the City is faced with many challenges to provide sports facilities and a community center particularly on weekends and evenings. The city also often a variety of recreational programs ranging from preschool activities to young children, to sports and swimming programs along with a successful summer and school break vacation camps, and adult sports programs. In addition, the Senior Center provides enrichment programs for seniors and activities.



Waterfront Bocce Courts

Goals Policies and Implementation Programs for Community Recreational Facilities

Goal

- PCU-G-4 Provide high quality recreational programming and facilities.

Policy

- PCU-P-4.1 Continue to provide an array of recreational programs to the public.

Implementation

- PCU-4.1a Offer high quality recreational programs that cover costs through user fees.

5.3 Education Facilities

In Martinez, there are opportunities for people of all ages to improve their education, whether their goals are oriented toward career development, self-improvement, or pleasure. In addition to their educational functions, educational facilities include play areas, public meeting spaces, and community facilities that augment the City's parks and recreation facilities.

Schools

The Martinez Unified School District (MUSD) serves over 4,000 students grades K-12 and operates four elementary schools (grades K-5), one middle school (grades 6-8), and one high school (grades 9-12), two alternative/independent study schools, and one Adult Education school. Mount Diablo Unified School District (MDUSD) operates one elementary school within City limits.

NOTE: Place table regarding schools here from original doc.

Based on a student enrollment analyses conducted by both MUSD and MDUSD, all facilities should be able to adequately serve the Martinez community at least through the 2019/2020 school year.

Martinez Adult Education

As part of the Martinez Unified School District, Martinez Adult Education (MAE) has served the Martinez community since 1919. MAE offers courses in over 25 career and technical certificate programs. The campus is located at 600 F Street.

Library

The Martinez Public Library is a branch of the Contra Costa County Library system and is located on the corner of Court and Ward Streets. The Library maintains nearly 33,000 items including books, magazines, periodicals, compact discs (CDs), digital video discs (DVDs), video and audio cassettes and other electronic resources such as e-books, which are available on the Library's website. In addition, the Library provides a variety of services such as self serve check out, story time, book clubs, craft, music, and activity workshops, college prep help, a reading garden, and computers with internet access. In 2011, the Library was renovated with Measure H funds and is therefore not expected to require major infrastructural improvements in the near future.

Goals Policies and Implementation Programs for Educational Facilities

Goal

PCU-G-5 Provide safe and accessible joint public facilities

Policy

PCU-P-5.1 Continue to maintain and upgrade when feasible existing educational facilities so there are a wide



Martinez Jr High School

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range of facilities and activities for the community within school properties.

Implementation

PCU-5.1a Encourage the Martinez Unified School District to open facilities to the public, particularly during the summer months.

PCU-5.1b Consider new methods to fund joint public facilities and improve as needed.

Goal

PCUG-6 Ensure adequate and high quality educational facilities to serve the community

Policy

PCUP-6.1 Continue to work with the Martinez Unified School District to assist in obtaining funds from State and Federal sources to improve school facilities and performance.

PCU-P-6.2 Continue to support library facilities within the City of Martinez, by insuring access to library services and working with the Contra Costa Library District.

5.4 Utilities

Water

The City of Martinez operates its own water treatment plant through the Martinez Water Department (MWD). The Department's service area is about 10,000 acres which covers most of the City as well as areas outside the City limits including the Shell Refinery, Mountain View neighborhood, and portions of Alhambra Valley. Residents not served by MWD get their water from Contra Costa Water District (CCWD). The City buys raw water from CCWD and withdraws it from the Martinez Reservoir, which holds a "few days" water supply. The water is filtered at a Plant at the corner of Pacheco Avenue and Howe Road. The water is then distributed to customers through over 100 miles of pipeline and with the assistance of six pump stations located throughout the City.

Demand and Conservation

There is a regional effort and need to conserve water. In 2010 water use for MWD customers averaged 3.43 million gallons per



John Muir Elementary

General Plan



Martinez Reservoir

day (mgd); in 2012 this number rose to 4.4 mgd and 2020 build out average day demand is 5.9 mgd. Martinez participates in conservation efforts through CCWD's 20 x 2020 Conservation Plan, which calls for a 20% per capita reduction in water use from the City's 1997 – 2006 baseline by 2020. If the City meets the Plan's goals of 128 GPCD, then total water usage in 2035 is projected to be less than the total water usage in 2010, even with the projected population increase. While Martinez is not expected to encumber CCWD's ability to supply its customers with water, the City's water supply is affected by regional development trends. Still, the District expects to be able to meet water demands through at least 2035. A future average day demand for the Martinez population within the CCWD's service area is 1.4 mgd and 2.8 for future max day demand. Additionally, drought frequently affects the Bay Area, and in the event of a drought year, CCWD expects to meet 95% of the typical demand and the Districts expect to meet even less during consecutive drought years. Under these circumstances, actions from CCWD's Water Shortage Contingency Program would be enacted.

The Districts' Capital Improvement Projects are not expected to address any issues other than routine maintenance.

The City of Martinez is located in north central Contra Costa County along the Carquinez Strait.

The water service area is approximately 10,000 acres, equating to a population of approximately 30,191 in 2010. Water service is provided for residential, commercial, industrial, public and irrigation customers, and for fire protection uses.

On May 26, 1887, a franchise to operate a water system was obtained by the West Hill Water and Electric Light Company from the Town of Martinez. The water system supplied the Town of Martinez and its supply consisted of seven wells. On December 7, 1898, the Port Costa Water Company purchased the system. The Port Costa Water Company system included a group of wells and a pumping station near Concord. The Port Costa Water Company abandoned this source in 1911 and a new supply of water was obtained from seven artesian wells and a new pumping station.

The Town of Martinez purchased the distribution system in 1918 from the Port Costa Water Company who agreed to furnish water to Martinez at wholesale rates on a metered basis. At that time the distribution system included about 9 miles of pipeline. The purchase cost of the distribution system and Thomas Hill Reservoir was \$170,000.

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The California Water Service Company purchased the Port Costa Water Company holdings on April 19, 1927. In 1930, the California Water Service Company completed construction of a rapid sand filter plant and a one million gallon storage reservoir and began treatment of water pumped from the Sacramento River. They continued to provide Martinez with water until June 15, 1949. At that time, the City of Martinez put their newly completed rapid sand filter plant in use and began taking water from the Terminal Reservoir of the Contra Costa Canal. This portion of the Water Purification Plant is known as Water Treatment Plant No. 1. In 1968, additional treatment capacity was added as Water Treatment Plant No. 2 was put on line. Both plants operated until 1974 when Water Treatment No. 1 was removed from service. Water Treatment Plant No. 2 has filtering capacity of 11.2 mgd. In 1991, Water Treatment Plant No. 2 was expanded to include ozone application to the water for disinfection and taste and odor control. In 2000, the Plant No. 1 filters were refurbished to add 3.5 mgd filtration capacity, for a total filtration capacity of 14.7 mgd. Recent improvements include the replacement of the fluoride dry feed system with a fluorosilicic acid liquid feed system in 2008.



Central Contra Costa Sanitary
District

The City of Martinez's water service area encompasses over 10,000 acres. Figure 5-0 (see map at end of chapter) shows the City water service area boundaries, the City limits, and major pumping and storage facilities within the City. The water service boundaries for the City's water system are not contiguous with the city limits. The water service area extends outside City limits along the northeast, southeast, and southwest borders of the City. These areas include County areas and part of the City of Pleasant Hill. Along the eastern side of the City, CCWD provides retail water service to a number of customers within the Martinez City limits. The East Bay Municipal Utility

Waste Water and Sewer

Wastewater services are provided by Central Contra Costa Sanitary District (CCCSD) and Mt. View Sanitary District (MVSD). CCCSD treats about two-thirds of the wastewater generated within Martinez. MVSD treats the central eastern portion of the City.

In 1992, Contra Costa Sanitation District Sanitation District No. 6 (SD-6) was formed to provide sanitary sewer to the Stonehurst subdivision in the Alhambra Valley area. The Contra Costa County Board of Supervisors Resolution 92/57, which formed the district, named the County Board of Supervisors as the governing board of SD-6. At the time the district did not include any territory within the City of Martinez. The City recently annexed a portion

of Sd-6 including the entire inhabited area within the Stonehurst Subdivision. On March 31, 2015 the Contra Costa County Board of Supervisors adopted Resolution No 2015/108 designating the Martinez City Council as the Board of Directors of Contra Costa County Sanitation District No.6.

Future Demand and Infrastructural Upgrades

System-wide, aging infrastructure is of far greater concern than increased demands due to population growth. Pipes are routinely damaged by vegetation root intrusion, grease buildup, and structural deterioration. In coming years, the single most significant project will be CCCSD's replacement of nearly 2,000 feet of pipeline along Alhambra Avenue that is, at peak usage time, reaching 130% capacity. Additionally, MVSD plans to replace several hundred miles of pipeline and retrofit infrastructure to better withstand seismic activity.

Recycled water is not currently used in Martinez. CCCSD's sanitation plant effluent meets Title 22 of the California Code of Regulations standards which means it can be used for irrigation purposes. While the District plans to eventually supply the City with recycled water, the required infrastructure is not planned to be built during the lifetime of this Plan. Still, it is important to orient current goals to make that future intervention easier. MVSD's effluent does not meet Title 22 standards and is instead used to maintain the adjacent marshland habitat. The facility produces about twice as much water as is needed to sustain the marsh. While there has been discussion about if the facility should be updated to meet the Title 22 standards, little, if any, action is expected to take place in the next few decades to move that project forward. See the City's 2010 *Urban Water Management Plan* for more information.

Solid Waste

Allied Waste is responsible for the collection and disposal of solid waste and recyclable items. It operates both the Contra Costa Transfer Station and the Keller Canyon Landfill, which is projected to be capped in 2030. The company offers weekly curbside commercial and residential pick-up services as well as a drop off service for a limited variety of household hazardous waste materials.

As a joint effort, Central Contra Costa Sanitary District and Mt. View Sanitary District operate the Household Hazardous Waste Collection Facility. All hazardous waste materials can be dropped off for free by residents or for a small fee by businesses.



Mt. View Sanitary District

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Energy

PG&E provides residents of Martinez with natural gas and electricity. Their electricity is generated from power plants that utilize both renewable and non renewable energy sources, while natural Gas is sourced from natural gas fields in Northern California. The City's projected growth is not expected to affect PG&E's ability to provide reliable energy to Martinez.

Goals Policies and Implementation Programs for Utility Facilities

Goal

PCUG-7 Continue to provide water service to residents by maintaining our water infrastructure and work with Contra Costa Water District (CCWD), Central Contra Costa Sanitary District (CCCSD), Contra Costa Sanitation District No. 6 (SD-6) and Mt. View Sanitary District (MVSD) so that demand for existing and future residents can be met.

Policy

PCU-P-7.1 Continue working with CCWD, CCCSD, SD-6 and MVSD to ensure the demand can be met for existing and future residents.

PCU-P-7.2 Support the efficient use of water, encourage conservation of water by updating the water conservation ordinances in Martinez, reduce water use in public facilities by developing policies and schedules for retrofitting of existing facilities with water saving irrigation systems and upgrading plumbing as facilities are remodeled.

PCU-P-7.3 Work with property owners to increase awareness and reduce water use through public education.

Implementation

PCU7.3a Reduce water consumption where possible through the use of artificial turf, drought tolerant landscaping, water conservation technology, and possible use of recycled water in parks and recreation facilities.



Contra Costa Water District supplies water to a portion of the Martinez residents.

General Plan

Goal

PCU-G-8 Provide safe, sanitary and environmentally acceptable solid waste management and recycling, and increase opportunities for recycling through education.

Policy

PCU-P-8.1 The City shall continue to promote recycling programs throughout Martinez.

PCU-P-8.2 Require new construction sites, as required by State Law, to provide for salvage, reuse or recycling of construction and demolition materials.

PCU-P-8.3 Require public buildings to incorporate on-site storage facilities for recyclable materials.

PCU-P-8.4 Encourage and increase opportunities for safe disposal of electronic waste and hazardous materials by residents and businesses in Martinez.

PCU-P-8.5 Continue efforts to reduce litter throughout the city.

Implementation

PCU8.5a Continue to participate in Green building practices and promote recycling, and reuse through outreach and educational programming whenever possible.

PCU8.5b Consider an outreach program to educate residents and businesses about the use of more durable local and low impact goods.

PCU8.5c Consider the inclusion of a Municipal purchasing policy to reduce the purchase of disposable items, such as bottled water whenever practical.

PCU-8.5d Continue providing community workshops on backyard composting and home management of organics programs as funding permits.

Goal

PCUG-9 The City will continue to seek economical and dependable ways to serve the community and improve energy efficiency and reduce demand wherever possible.

Policy

PCU-P-8.1 Continue to educate the community on energy conservation and promote alternative solutions wherever possible.

PCU-P-8.2 Support the installation of solar panels on new development and investigate and encourage solar energy on public buildings and new developments.

Implementation

PCU8.2a Maintain the current fee structures that gives a reduction in fees for solar and grey water systems and evaluate the fee structure when possible to adjust those fees

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or amend to add incentives.

PCU-P-8.3 Continue to support electric charging stations throughout the city to promote the use of energy efficient vehicles.

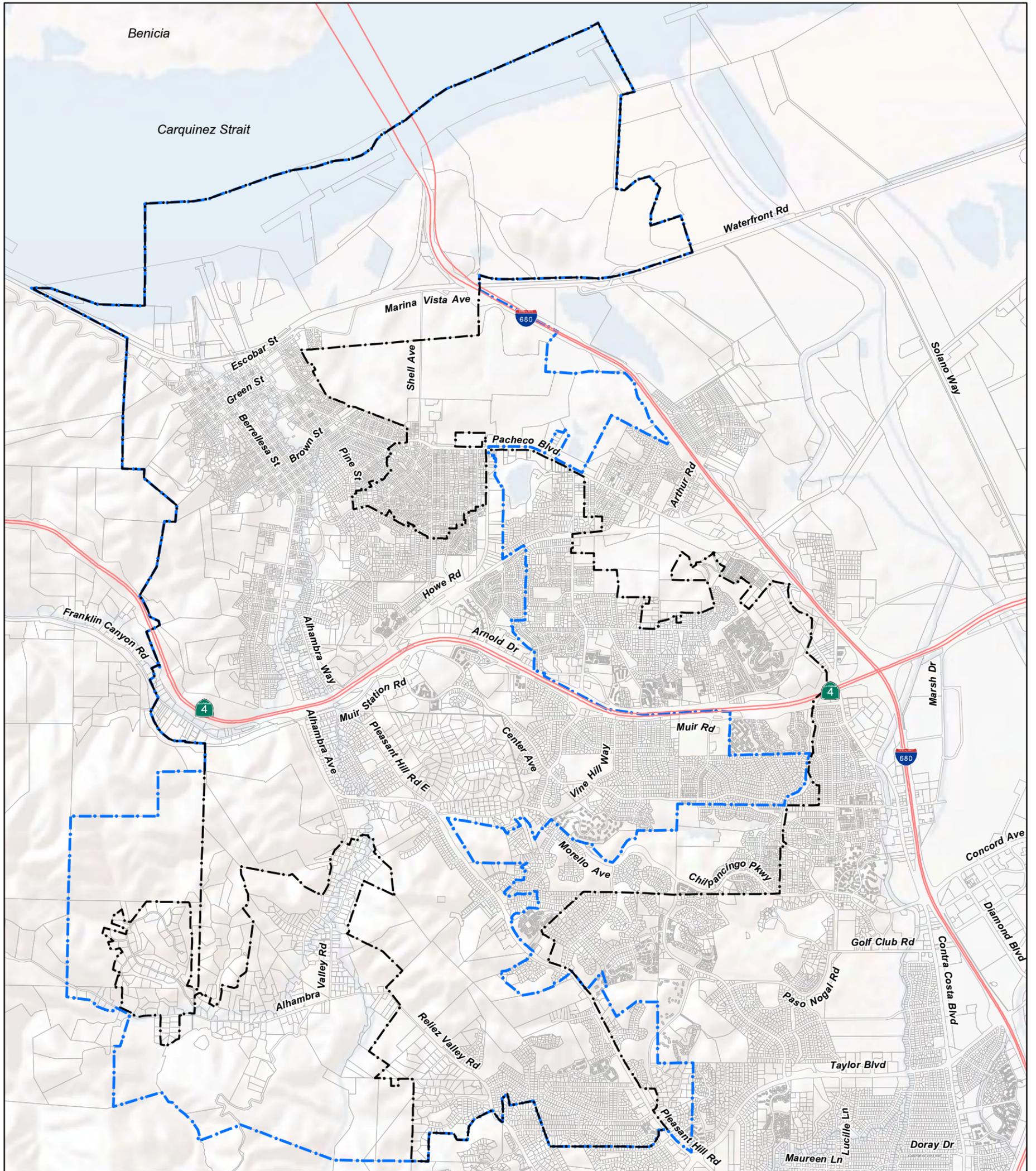
PCU-P-8.3 Support energy efficiency in City operations where practical and feasible

Implementation

PCU-8.3a Where practical, utilize bicycles or low emission vehicles for park maintenance and operations.

PCU-8.3b When possible replace existing equipment with more efficient heating, cooling, computer and lighting systems within City.

City Water Service Boundary Map - Figure 5.0



Martinez California Planning Department

City Water Service Boundary 2015

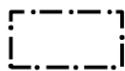


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Date: 08-17-15
 Martinez General Plan
 Creator: AAE
 Map Produced by PSOMAS
 1500 Iowa Avenue Suite 210
 Riverside, CA 92507
 (951) 787-8421



Map Legend

-  City Limits
-  Martinez Water Agency Service Boundary

