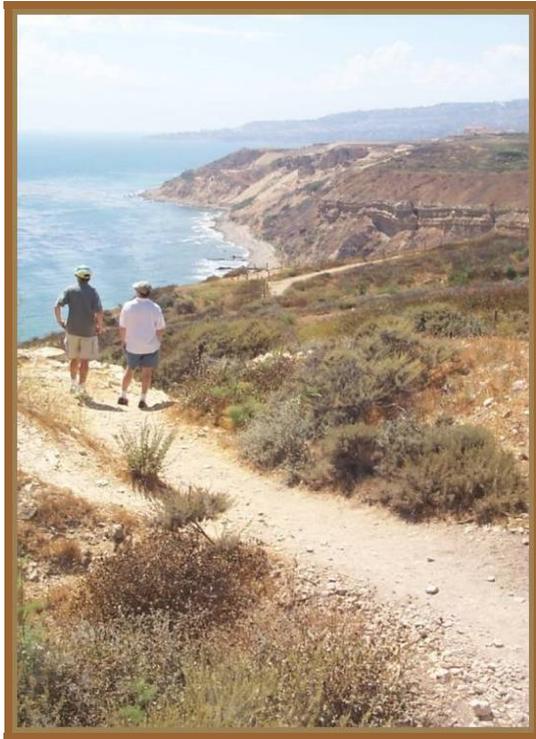


# PALOS VERDES NATURE PRESERVE



## PUBLIC USE MASTER PLAN (PUMP)



# **PARTICIPANTS PAGE**

---

This Palos Verdes Nature Preserve Public Use Master Plan was created with the involvement of many different individuals and organizations, including the following:

## **City Council 2013**

Susan Brooks– Mayor  
Jerry Duhovic – Mayor Pro-Tem  
Brian Campbell  
Jim Knight  
Anthony Misetich

## **City Council 2009**

Larry Clark – Mayor  
Steve Wolowicz – Mayor Pro-Tem  
Peter Gardner  
Tom Long  
Douglas Stern

## **Public Use Master Plan Committee**

Donald Bell  
Arlene Block  
Barry Bonnickson  
Troy Braswell  
Eva Cicoria  
Al Edgerton  
Marc Jacobowitz  
Cassie Jones  
Gordon Leon  
Kurt Loheit (ex-officio member)  
Vic Quirarte  
Ann Shaw  
John Stevens  
Paul Tetreault  
John Wessel  
Bill James

## **City Staff**

Carloyn Lehr, City Manager

Carolynn Petru, Deputy City Manager

Joel Rojas, Director of Community Development Department

Ara Mihranian, Deputy Director of Community Development Department

## **Palos Verdes Peninsula Land Conservancy Staff**

Andrea Vona – Executive Director

Barbara Dye – Executive Director (former)

Danielle LeFer – Conservation Director

Lily Verdone – Conservation Director (former)

Becky Harper – Conservation Director (former)



# TABLE OF CONTENTS

---

1. Introduction .....	1
2. Preserve Trails Plan.....	5
a) Vista del Norte Reserve.....	8
b) Agua Amarga Reserve .....	10
c) Alta Vicente Reserve .....	12
d) Vicente Bluffs Reserve .....	15
e) Abalone Cove Reserve.....	18
f) Ocean Trails Reserve.....	21
g) San Ramon Reserve .....	24
h) Forrestal Reserve .....	27
i) Portuguese Bend Reserve .....	30
j) Filiorum Reserve .....	34
k) Three Sisters Reserve.....	37
3. Activities in the Preserve.....	41
a) Public Use Guidelines .....	41
b) Authorized public Activities .....	43
c) Prohibited Public Activities .....	46
4. Preserve Amenities / Improvements .....	51
5. Implementation .....	54
a) Preserve Management .....	54
b) Temporary Trail Closure .....	54
c) Preserve Oversight and Opportunity for Public Participation .....	55
d) Preserve Trail Improvement Project List.....	55
e) Amendments to the PUMP Document.....	56

---

# 1. INTRODUCTION

---

## The City's Natural Communities Conservation Plan

The State's Natural Communities Conservation Planning (NCCP) Act of 1991 provides for the preparation and implementation of large-scale natural conservation plans. The purpose of these plans is to identify and provide for the area-wide protection of natural wildlife diversity, while allowing for compatible and appropriate development and growth. Because of the relatively high concentration of coastal sage scrub habitat in the City of Rancho Palos Verdes (RPV), and the growing intensity of development pressures on these areas, in 1996, the City of RPV entered into a Planning Agreement with the California Department of Fish and Game and the U.S. Fish and Wildlife Service to develop an NCCP subarea plan that will encompass the entire City of RPV.

Between 1996 and 2004, the City of RPV worked with stakeholders, such as major landowners of open space, state and Federal agency representatives, and environmental organization representatives to create a subarea NCCP for the City of RPV. The City of RPV has also prepared a habitat conservation plan (HCP) and is pursuing an incidental take permit from the U.S. Fish and Wildlife Service. Together, the NCCP and HCP are referred to as the City of Rancho Palos Verdes NCCP-HCP (herein referenced as the "NCCP").

On August 31, 2004, the City Council approved the City's NCCP Subarea Plan. The City is currently seeking state and federal permits for the NCCP. In summary, the City's NCCP Subarea Plan will identify the creation of a proposed nature Preserve, how the Preserve will be assembled, how the Preserve will be managed and how much implementation of the Plan is going to cost and identifies a list of activities and projects that will be covered under the Plan. More specifically, the City's NCCP proposes the creation of an open space habitat Preserve made up of existing City-owned properties, properties acquired by the City for inclusion into the Preserve, and any private properties whose owners give their consent to be included in the Preserve. To provide ample opportunity for the development of active recreational uses in the City, all of the developed City parks and the developable portions of the undeveloped City parks were excluded from the Preserve.

## NCCP Requirement for Development of a Public Use Master Plan (PUMP)

In addition to protecting state and federally protected wildlife, the NCCP allows the Preserve to be open to the public for passive recreational uses (as an "NCCP-HCP covered activity") that are compatible with and follow certain requirements outlined in the NCCP and habitat conservation plan (HCP). To ensure that the NCCP Preserve provides the City with recreational and educational opportunities while conserving the City's unique biodiversity and maintaining populations of sensitive resources, the NCCP requires that the City and the PVPLC prepare a Public Use Master Plan (PUMP) for the Preserve. The PUMP is intended to be a covered activity under the NCCP and address issues germane to the Preserve such as public access, trail and trailhead locations, parking, trail use, fencing,

signage, lighting to name a few. In addition, the NCCP (section 6.2.5.1) calls out a number of “Management Recommendations” that will likely be incorporated as part of development of the PUMP to obtain coverage for these activities, including the development of a comprehensive Preserve Trails Plan (PTP).

Pursuant to the City's NCCP, preparation of the PUMP should be based on extensive public input and must be completed within 2 years of the signing of the NCCP Implementation Agreement and be approved by the City Council and the Resource Agencies to be a covered activity. The City's NCCP Implementing Agreement has not been signed yet; however, the PUMP preparation is currently underway and well ahead of the schedule anticipated by the Resource Agencies. The basis of the Resource Agency review will be to ensure that the PUMP meets the “covered activity” requirements and is consistent with the biological conservation goals of and of the NCCP.

Upon the City Council's adoption of the PUMP document, the Forrestral Management Plan will no longer be the governing document for the Forrestral Reserve. The PUMP document will replace the Forrestral Management Plan since the Forrestral Reserve is a part of the greater NCCP Preserve.

#### Preparation of the PUMP

In March 2006, the City Council endorsed the idea of creating a steering committee to assist City and PVPLC Staff with the development of the PUMP document. On June 6, 2006, the City Council appointed 15 individuals to a PUMP Committee based on their geographic relationship with the Preserve, their trail use experience and their special interest or group affiliation. Listed below (in alphabetical order) are the 15 members of the PUMP Committee:

- Donald Bell
- Arlene Block
- Barry Bonnickson
- Troy Braswell
- Eva Cicoria
- Al Edgerton
- Marc Jacobowitz
- Bill James
- Cassie Jones
- Gordon Leon
- Vic Quirarte
- Ann Shaw
- John Stevens
- Paul Tetreault
- John Wessel

The City Council also appointed Kurt Loheit as an Ex Officio member of the PUMP Committee because of Mr. Loheit's extensive professional background in trail design, construction and maintenance.

The PUMP Committee (Committee) began its tenure on July 12, 2006. The Committee met 32 times and spent countless hours familiarizing itself with background information on the NCCP Preserve, the existing conditions of the Preserve, and the historic public use of the Preserve. The Preserve, both in regards to trail routes and trail uses, was the subject of several discussions during the PUMP Committee's review because of the heavy use of the certain Reserves and habitat degradation. The Committee developed a trails plan for the Reserve that represents a balance between public access with habitat preservation and the interest of various trail user groups to provide compatible access and enjoy the Preserve. A factor considered by the Committee in its recommendation to the City Council was the historic use of the properties that now make up the Preserve by various user groups without any official trails plan or management. The incredible work effort of the PUMP Committee culminated in the formulation of a Preserve Trails Plan which was adopted by the City Council on April 29, 2008.

### **Preserve Map**

At this time, the Preserve is approximately 1,367 acres in area, consisting of several parcels owned (or to be owned) by the City and one parcel owned by the PVPLC. For management purposes, the Preserve is broken down into the following 11 sub-areas referred to as "Reserves":

- **Vista del Norte Reserve**
  - The 16.7 acre Crestridge property
- **Agua Amarga Reserve**
  - The 20 acre Lunada Canyon property owned by the PVPLC
  - The 38.9 acre Agua Amarga Canyon property
- **Alta Vicente Reserve**
  - A 51.3 acre portion of the 73.3 acre Upper Point Vicente property
- **Vicente Bluffs Reserve**
  - A 52.6 acre portion of the 71.5 acre Ocean Front Estates property
  - A 4.5 acre portion of the 27.4 acre Lower Point Vicente property
  - A 7.5 acre portion of the 10.5 acre Pelican Cove property
- **Abalone Cove Reserve**
  - A 63.2 acre portion of the 80.0 acre Abalone Cove property
  - The 39.9 acre portion of the 45.1 coastal property formally owned by the RDA
- **Ocean Trails Reserve**
  - A 66.3 acre portion of the 78.8 acre Trump National property (eventually to be owned by the City)
  - A 47.4 acre portion of the 52.8 acre Shoreline Park property
- **San Ramon Reserve**
  - The 94.5 acre Switchback property
- **Forrestal Reserve**

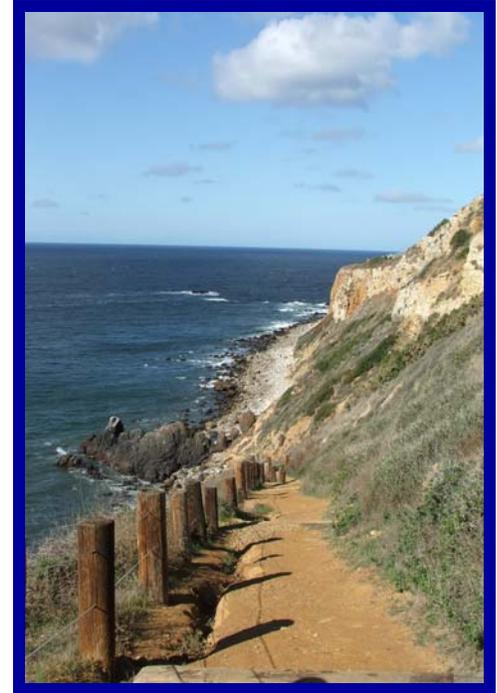
- The 154.9 acre Forrestal property
- **Portuguese Bend Reserve**
  - A 398.7 acre portion of the 423.9 acre Portuguese Bend property
  - The 17.4 acre Del Cerro buffer property
- **Filiorum Reserve**
  - The 190 acre Filiorum property
- **Three Sisters Reserve**
  - The 98.5 acre Barkentine property

## 2. PRESERVE TRAILS PLAN

---

One of the actions that the City's NCCP calls for as part of the development of the PUMP is the creation of a Preserve Trails Plan (PTP). Specifically, for the PUMP to be covered under the Plan, the NCCP requires that the City and the PVPLC develop a PTP that is consistent with the City's Conceptual Trails Plan (CTP) and places an emphasis on avoiding or minimizing impacts to coastal sage scrub habitat (CSS) and covered species in such a way that the identified trails are compatible with the Preserve and avoid direct access to sensitive resource areas and major biological features.

Furthermore, the NCCP states that all the trails designated as unnecessary should be closed to minimize biological impacts. After obtaining feedback from the PUMP Committee, City Staff and the PVPLC, on a proposed Preserve Trails Plan (PTP), in April 2008, the City Council adopted a PTP that identifies the trail routes, trail names and trail uses for the Preserve, as described herein.



### **Trail Implementation, Maintenance and Repair**

The City or PVPLC has no obligation with respect to trail maintenance and trail repair. However, at the PVPLC's discretion and when funding is available, the PVPLC may perform trail maintenance or trail repair on existing unimproved trails identified in the approved PTP. At the City's sole discretion when funding is available, the City is responsible for constructing new trails identified in the PTP which currently do not exist. Improved trails in the Preserve are maintained by the City. As a proposed covered activity (See Section 5.4.2 and Table 5-1 of the NCCP), all of the monitoring, new construction and maintenance identified in the PUMP and PTP will be consistent with the requirements of the NCCP, including the Habitat Impact Avoidance and Minimization Measures for Covered Activities and compatible public uses in the Preserve (See Sections 5.5 and 9.2.1 of the NCCP).

Ongoing monitoring of the trails and an ongoing educational effort are important aspects of trails management and may consist, but not be limited, to the following:

1. Signs at the main entry points to the Preserve showing the respective PTP and the approved uses for each trail.
2. Trail maps and informational brochures available at the main points.

3. Information on the Preserve, including the PTP on the City's website

**Trail Routes**

The trails identified in the PTP are located entirely within the City's Preserve and are for the most part existing paths that have been used in the past. Where possible, the trails within the Preserve connect to the trails adjacent to the Preserve. Trails within the Preserve are not intended to connect to trails that are located on private property unless appropriate public access easements are in place.

The trail alignments identified for the PTP will be covered under the NCCP and are partly based on the City's Conceptual Trails Plan, including trails that are part of, or connect to, the Palos Verdes Loop Trail. These trails are retained as the basis for the PTP. Other trails currently in use by the public were added in order to identify a functional trail system for the Preserve.

**Trail Guidelines**

For the most part, the trails identified in the PTP are existing trail routes that have been identified based on line-of-sight, slope, and safety factors, as well as minimal potential for erosion. Furthermore, the approved trail routes take into consideration the natural topography, the intent to provide a relatively comfortable user experience, and the intent to provide access to open areas and vistas while avoiding impacts to sensitive natural areas. Finally, the public uses and trail routes/configurations are situated to be compatible with the Preserve, avoid disruption of any native vegetation (including an emphasis on avoiding or minimizing impacts to CSS), habitat, or wildlife as identified in the Natural Conservation Communities Plan (NCCP) [See Section 9.2.1 of the NCCP (The Public Use Master Plan)].

**Trail Surface**

Trails in the Preserve are to be "unimproved" trails and thus should be maintained in their natural surface material. The use of mulch is discouraged because of the potential to introduce non-native seeds to the Preserve and interfere with required fuel modification. Drainage control should be provided at appropriate points in such a way that the trail is not adversely affected by water erosion. Crossings over watercourses may require separate environmental review and/or permits (e.g., federal 404 and/or state 1600) that are not covered under the NCCP.

**Trail Names**

The trails throughout the Preserve are identified by specific names for each segment. The trail names were selected from different sources, including but not limited to names listed in the Conceptual Trails Plan, relevant landmarks, natural elements, or historic significance. In addition, trails within the Preserve may be named after donors who make monetary contributions to the City or PVPLC toward acquisition or management of the Preserve,

pursuant to the provisions of the Preserve Management Agreement between the City and the PVPLC. All trail names must be approved by the City Council.

### **Trail Uses**

The following four trail use designations are available throughout the Preserve:

- pedestrian
- pedestrian / equestrian
- pedestrian / bicycle
- multipurpose (pedestrian, equestrian, and bicycle)

The specific trail uses for each trail segment are identified on the PTP Map and on the respective trail markers. All trail use designations must be approved by the City Council.

### **Preserve Trails Plan (PTP)**

The following pages list the approved trails for each of the 11 Reserves that make up the entire Palos Verdes Nature Preserve. The trail mileage and user designation for each approved trail is listed by Reserve in the following sections indicated in the tables. Trails that span multiple Reserves are listed in the table for the Reserve in which the majority of the trail is located.

## **VISTA DEL NORTE RESERVE**

The Vista del Norte Reserve is an isolated portion of the Preserve that is geographically removed from the Portuguese Bend area and located near the intersection of Crestridge Road and Crenshaw Boulevard. This Reserve is comprised of the 16.7 acre City-owned “Crestridge” property. There are 0.56 miles of trails on this Reserve as described below:



<b>Trail Name</b>	<b>Pedestrian</b>	<b>Equestrian</b>	<b>Bicycle</b>	<b>Miles</b>	<b>Existing</b>
Indian Peak Loop Trail	Yes	No	No	0.38	Yes
Vista del Norte Trail	Yes	No	No	0.19	Yes

### **Trail Access**

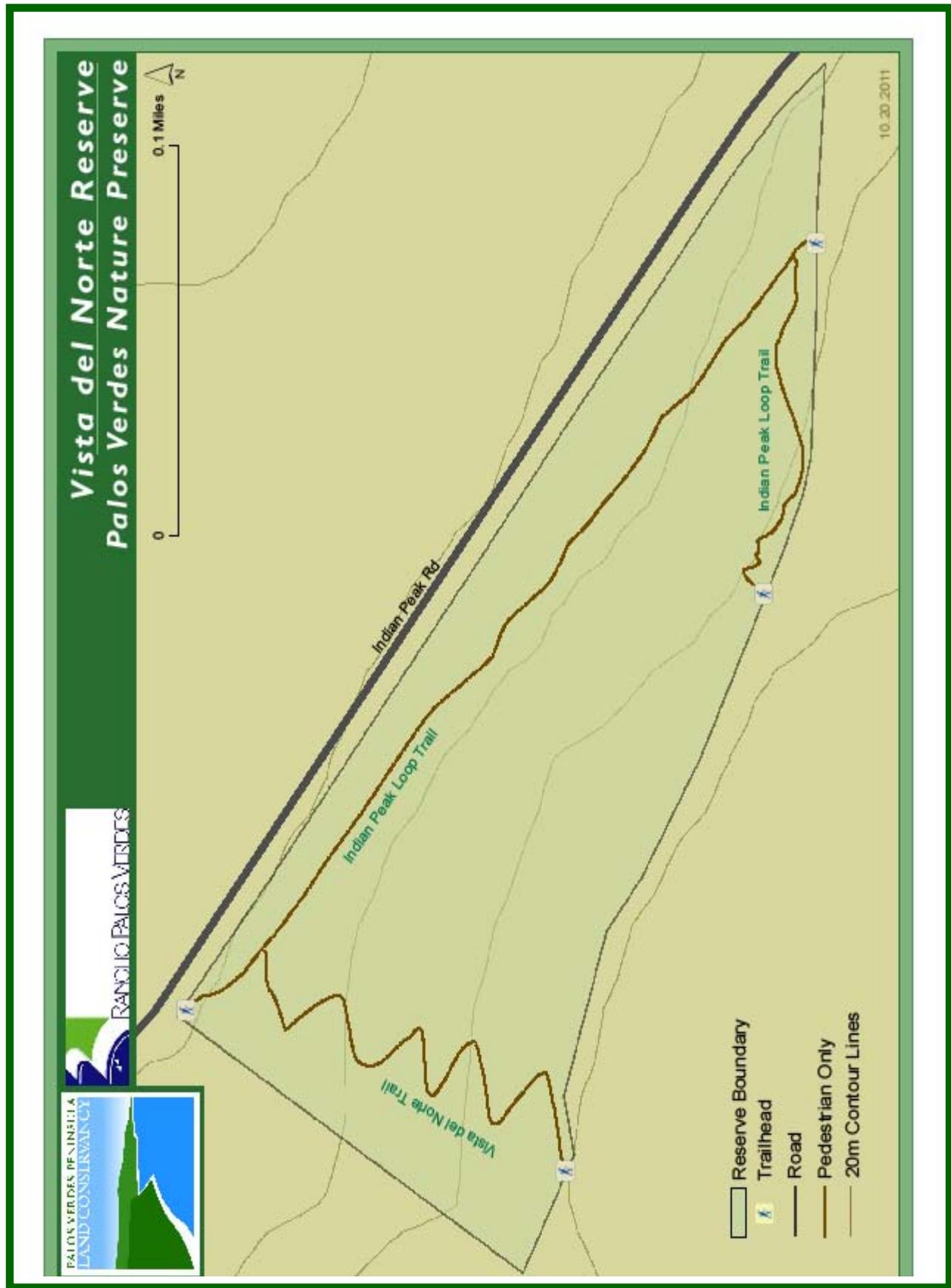
There are two identified trailheads that provide access to the trails in this Reserve, one along Indian peak Road and one along Crestridge Road via the proposed Crestridge Senior Housing Project. On-street parking is available along Crestridge Road and designated public parking is located on a portion of Indian Peak Road across the street from this Reserve.

### **Public Facilities**

There are no public restroom facilities or drinking fountains available at this Reserve.

### **Biological Resources/Compatibility**

This Reserve consists mainly of grassland with limited CSS located at the western and eastern ends of the property. The site currently does not contain any known populations of NCCP covered species. As shown on the trails plan, all trails are located on historically used trails in grasslands areas that avoid impacts to CSS and NCCP covered species. No focused monitoring and/or restrictions on designated trail maintenance, new construction and/or access are anticipated at this site to be consistent with the NCCP.



## **AGUA AMARGA RESERVE**

The Agua Amarga Reserve encompasses approximately 59 acres consisting of a 39-acre parcel owned by the City and a 20-acre parcel owned by the PVPLC. The Reserve is located in the area between Crest Road and Hawthorne Blvd, extending to the City boundary line with Palos Verdes Estates. In light of the steep topography, this Reserve is limited to one 0.60 mile trail located at the northern portion of the site as described below:



### Trail Matrix

<b>Trail Name</b>	<b>Pedestrian</b>	<b>Equestrian</b>	<b>Bicycle</b>	<b>Miles</b>	<b>Existing</b>
Lunada Canyon Trail	Yes	No	Yes	0.60	Yes

### Trail Access

There are trailheads located on Posey Way and Rock View that provide access to the trails on this Reserve. Additionally, a trailhead is located at the lower portion of this Reserve at the boundary line with the City of Palos Verdes Estates. Public street parking is available in the surrounding neighborhood, specifically along the cul-de-sacs at the entry points to the Reserve.

### Public Facilities

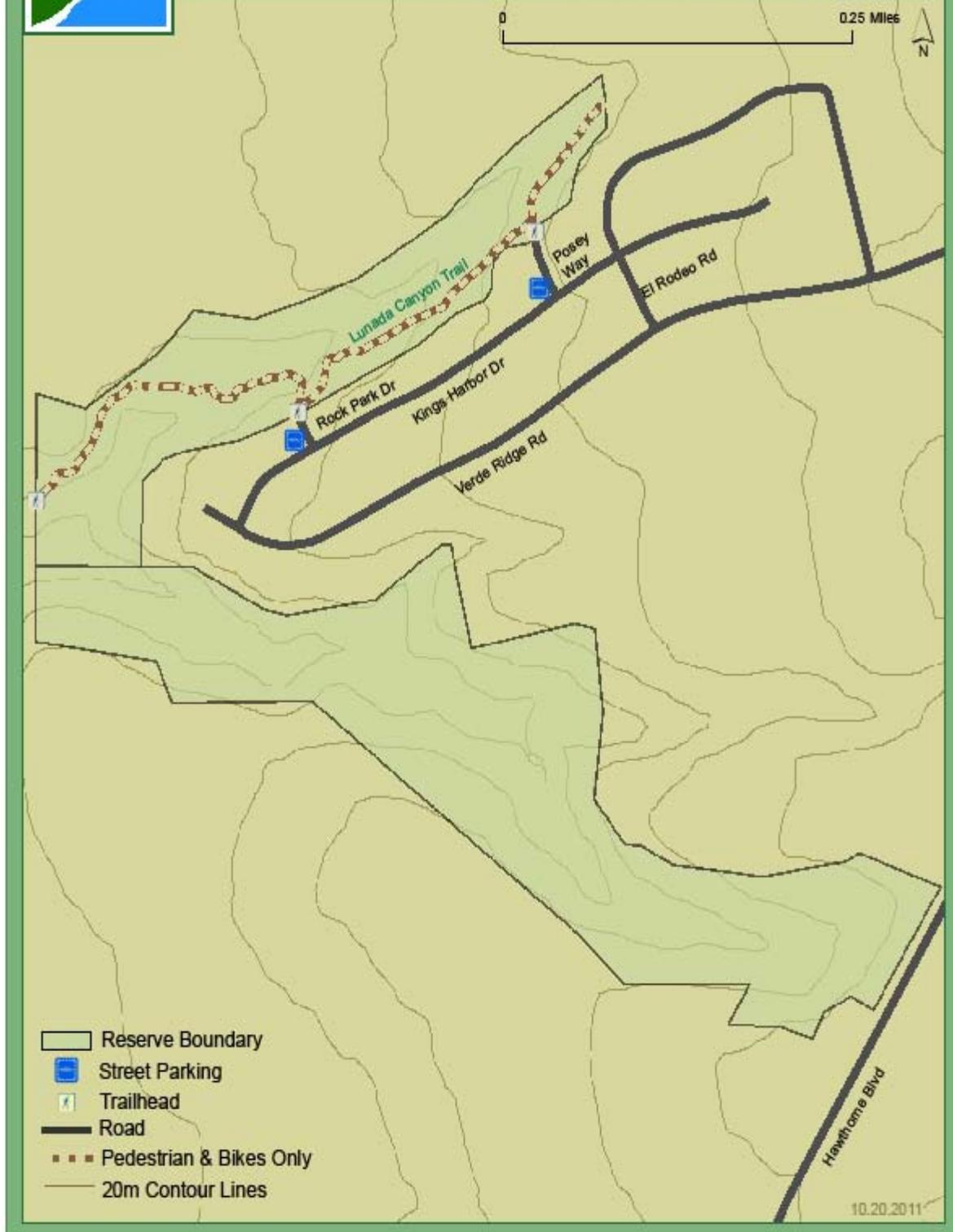
Restroom facilities and drinking fountains are not available at this Reserve.

### Biological Resources/Compatibility

This Reserve consists of a combination of coastal sage scrub, coastal cactus scrub, grassland and disturbed vegetation. The site currently contains several known populations of NCCP covered species, including the gnatcatcher and coastal cactus wren. As shown on the trails plan, the trails are located on historically used trails located in the northerly portion of the Preserve, and minimize impacts to CSS and sensitive species. However, since the designated trails would still cross some CSS and known locations of sensitive species, focused monitoring and/or restrictions on maintenance, new construction and access may be required to be consistent with the NCCP.



# Agua Amarga Reserve Palos Verdes Nature Preserve



## ALTA VICENTE RESERVE

The Alta Vicente Reserve is located at Upper Point Vicente adjacent to the Rancho Palos Verdes Civic Center. The Reserve encompasses approximately 51 acres and is adjacent to the approximately 22-acre developable portion of the property (the relatively flat civic center campus area). Some of the trails at this Reserve are part of the PV Loop Trail system. There is a total of 1.67 miles of trails on this Reserve as described below:



Trail Name	Pedestrian	Equestrian	Bicycle	Miles	Existing
Alta Vicente Trail	Yes	Yes	Yes	1.04	Yes
North Spur Trail	Yes	Yes	Yes	0.12	Yes
South Spur Trail	Yes	Yes	Yes	0.05	Yes
Nike Trail	Yes	Yes	Yes	0.10	Yes
Prickly Pear Trail	Yes	Yes	No	0.36	Yes

### Trail Access

There are four trailheads identified for accessing the trails on this Reserve. There is a trailhead that provides access to this Reserve from the existing City Hall parking lot and over-flow dirt parking lot. There is a trailhead near the Salvation Army property line adjacent to Palos Verdes Drive South. Additionally, the trails for this Reserve can also be accessed from the cul-de-sac adjacent to St. Paul's Lutheran Church. Public parking is available at City Hall and along the cul-de-sac adjacent to St. Paul's Lutheran Church.

### Public Facilities

A public restroom facility (portable bathroom) is available at the Civic Center Campus, west of the tennis courts. During regular business hours, a public restroom facility is also available at City Hall. A drinking fountain is available at the Civic Center campus next to the south lawn.

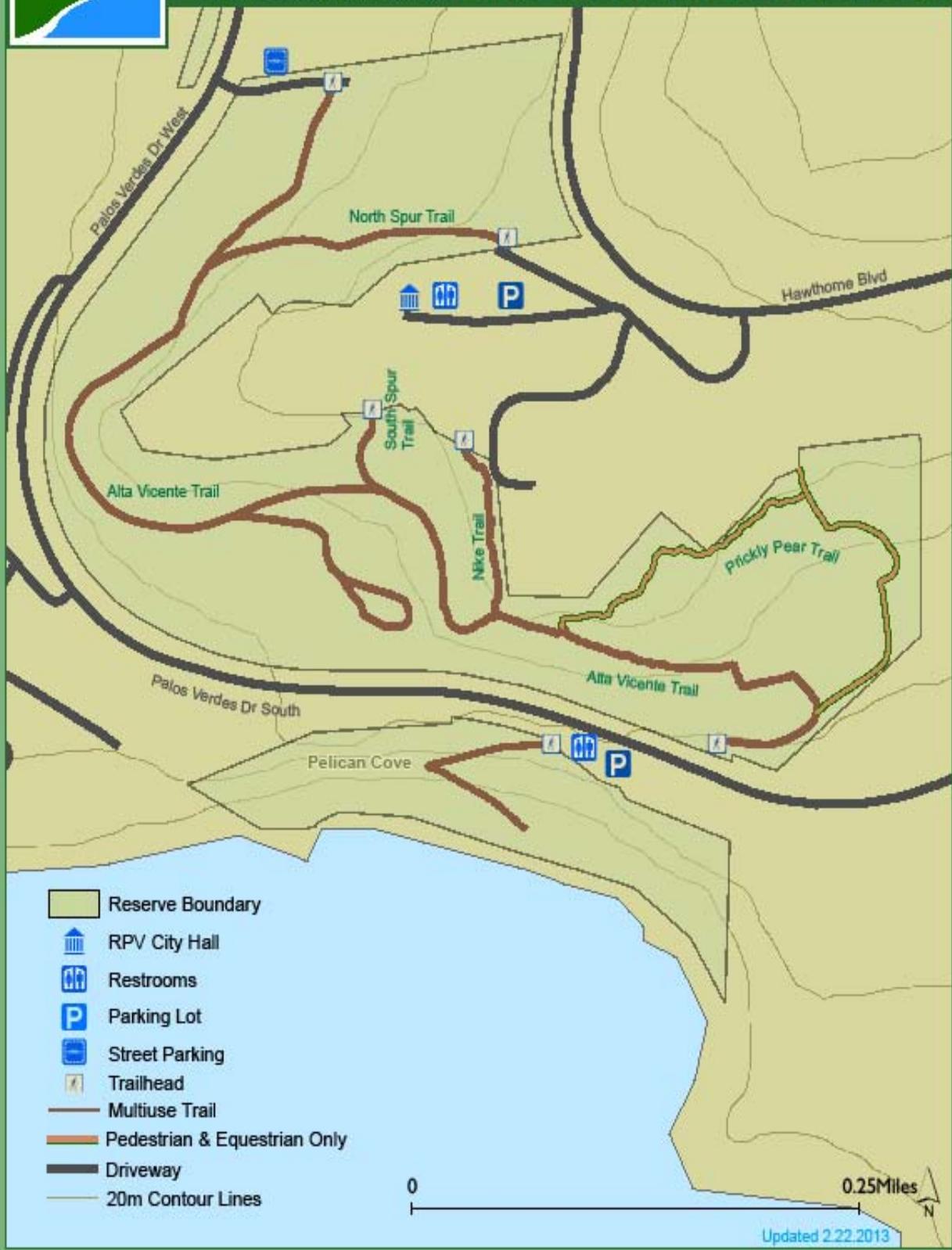
### Biological Resources/Compatibility

This Reserve consists of a combination of coastal sage scrub, coastal cactus scrub, grassland and disturbed vegetation. The site currently contains several known populations

of NCCP covered species, including the gnatcatcher, and coastal cactus wren. However, since the designated trails, although historically used trails, would still cross some CSS and known locations of sensitive species, focused monitoring and/or restrictions on maintenance, new construction and access may be required to be consistent with the NCCP.



# Alta Vicente Reserve Palos Verdes Nature Preserve



## VICENTE BLUFFS RESERVE

The Vicente Bluffs Reserve is comprised of three separate parcels, a 52.6-acre portion of Ocean Front Estates, a 4.5-acre portion of Lower Point Vicente, and a 7.5-acre portion of the Pelican Cove Park. Because of the high volume of walkers in this area, the trails have been designated as pedestrian only at this Reserve. Although non-related to the Preserve, the sidewalk adjacent to the Golden Cove Trail at Ocean Front Estates is designated as a bicycle path per the Council adopted tract conditions. There are three trails in this Reserve that are part of the City's segment of the California Coastal Trail. There are 2.20 miles of trails in this Reserve as identified below:



Trail Name	Pedestrian	Equestrian	Bicycle	Miles	Existing
Golden Cove Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.95	Yes
Seascape Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.58	Yes
Terrace Trail	Yes	No	No	0.23	Yes
Interpretative Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.31	Yes
Tomevor Trail	Yes	No	No	0.14	Yes

### Trail Access

Access to the trails can be made from four locations throughout this Reserve. Specifically, trailheads exist at the Point Vicente Interpretive Center at Lower Point Vicente and at Pelican Cove adjacent to the Terranea Resort and Spa. There are also trailheads at four locations within the Ocean Front Estates residential tract. Public parking is available at Ocean Front Estates off Calle Entradero, at the Lower Point Vicente parking lot, and at the Pelican Cove Parking lot.

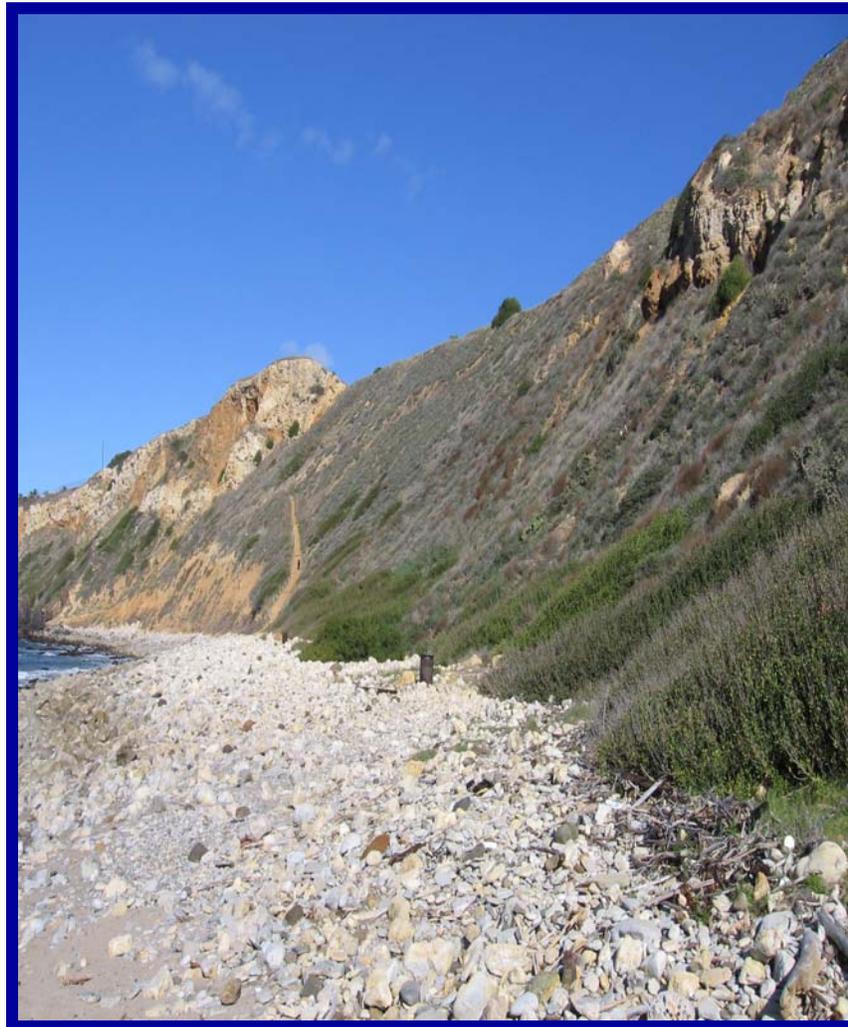
### Public Facilities

Restroom facilities are available at Lower Point Vicente at the Interpretive Center and at the Pelican Cove parking lot. Additionally, a portable bathroom is available at the north end of the Golden Cove Trail adjacent to the public parking lot at Ocean Front Estates.

Drinking fountains are available at the Point Vicente Interpretative Center and at Pelican Cove adjacent to the restroom facilities.

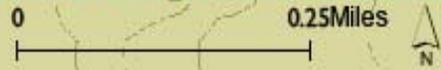
### Biological Resources/Compatibility

This Reserve consists of a combination of coastal sage scrub, southern coastal bluff scrub, southern cactus scrub, grassland and disturbed vegetation. The site currently contains several known populations of NCCP covered species, including the gnatcatcher, coastal cactus wren, dudleya virens, wooly seablight and the El Segundo blue butterfly. Most of these species are located in the preserved lands located between Palos Verdes Drive South and Hawthorne Boulevard. As shown on the trails plan, the trails are located in the westerly portion of the Preserve, along the bluff and away from CSS habitat and west of Palos Verdes Drive South to avoid sensitive species. However, since the designated trails would still cross some CSS and known locations of sensitive species, focused monitoring and/or restrictions on maintenance, new construction and access may be required to be consistent with the NCCP.

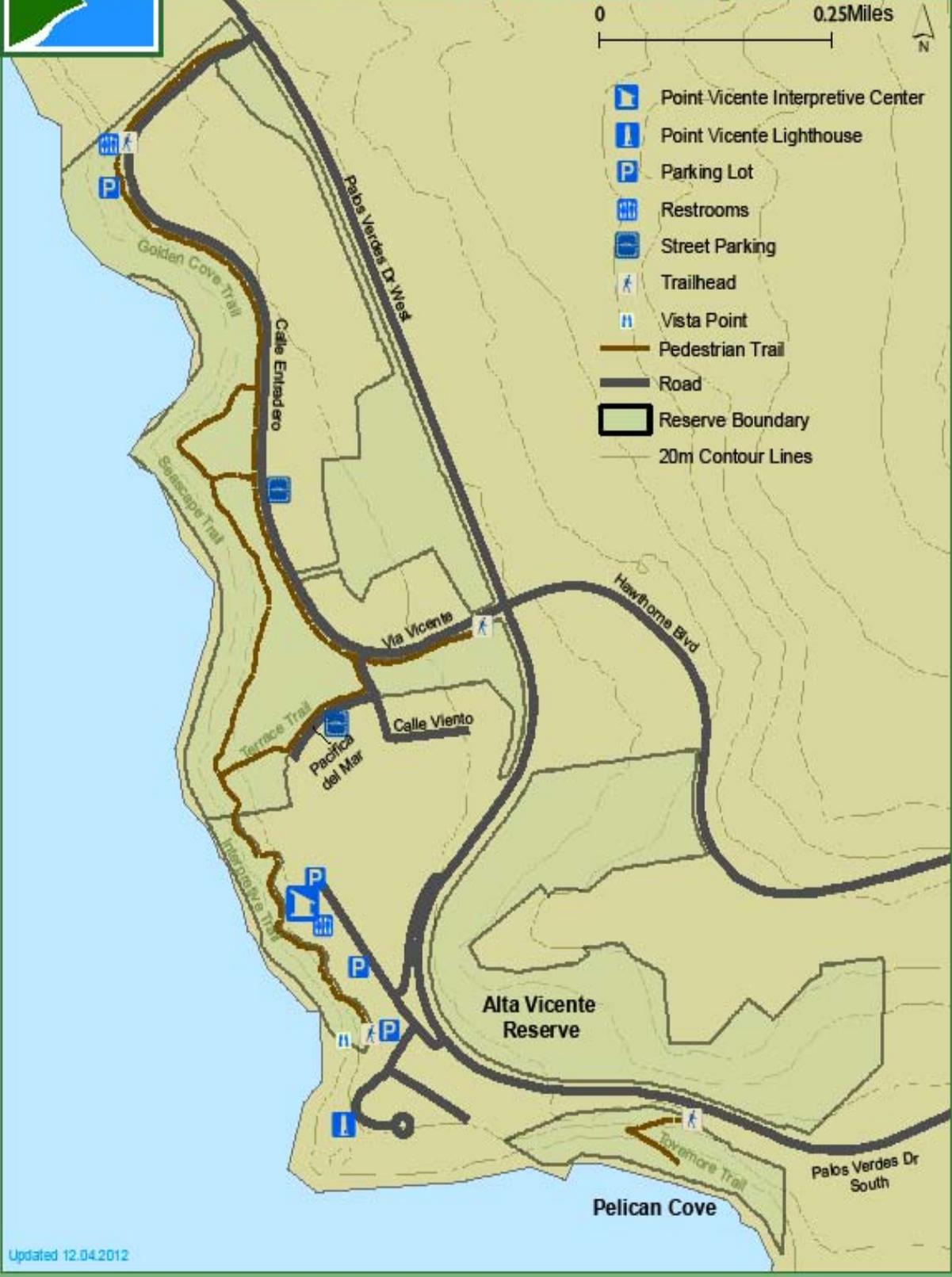




# Vicente Bluffs Reserve Palos Verdes Nature Preserve



-  Point Vicente Interpretive Center
-  Point Vicente Lighthouse
-  Parking Lot
-  Restrooms
-  Street Parking
-  Trailhead
-  Vista Point
-  Pedestrian Trail
-  Road
-  Reserve Boundary
-  20m Contour Lines



Updated 12.04.2012

## **ABALONE COVE RESERVE**

The Abalone Cove Reserve is located between Palos Verdes Drive South and the coastline and consists of a 63-acre portion of the Abalone Cove Shoreline Park and 40 acres of the adjoining City-owned property formally owned by the RDA. A portion of this Reserve is designated by the State as an official Ecological Reserve. The trail routes identified for this Reserve utilize existing activities and permitted uses for an Ecological Reserve. Some of the trails in this Reserve are a part of the City's segment of the California Coastal Trail. There are a total of 15 trail routes which comprise 3.49 miles of trails extending from the neighborhood off Sea Cove Drive to the archery club to the south as identified below:

<b>Trail Name</b>	<b>Pedestrian</b>	<b>Equestrian</b>	<b>Bicycle</b>	<b>Miles</b>	<b>Existing</b>
Via de Campo <small>(California Coastal Trail)</small>	Yes	No	Yes	0.33	Yes
Chapel View Trail	Yes	Yes	Yes	0.17	Yes
Abalone Cove Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.20	Yes
Beach School Trail <small>(Upper Section) (California Coastal Trail)</small>	Yes	Yes	Yes	0.13	Yes
Beach School Trail <small>(Lower Section)</small>	Yes	No	Yes	0.27	Yes
Sea Dahlia Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.23	Yes
Olmstead Trail <small>(California Coastal Trail)</small>	Yes	No	Yes	0.44	Yes
Portuguese Point Loop Trail <small>(California Coastal Trail)</small>	Yes	No	Yes	0.28	Yes
Smugglers Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.10	No
Cave Trail	Yes	No	No	0.07	Yes
Sacred Cove View Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.47	Yes
Cliffside Trail	Yes	No	No	0.10	Yes
Inspiration Point Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.18	Yes
Bow and Arrow Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.55	Yes
Archery Coastal Trail	Yes	No	No	0.06	Yes

## Trail Access

There are 7 trailheads located throughout this Reserve. The trailheads are located at the west portion off Seacove Drive adjacent to the neighborhood, at the parking lot to the Abalone Cove Shoreline Park, and off Palos Verdes Drive South at the entry gate to the Beach School Trail, Olmstead Trail, Sacred Cove Trail, Inspiration Point Trail and the Bow and Arrow Trail. Public parking is available, for a fee, at the Abalone Cove Shoreline Park parking lot.

## Public Facilities

Restroom facilities are available at the Abalone Cove Shoreline Park at the parking lot grounds. Portable restrooms are located at Abalone Cove beach adjacent to the tide pools, along Palos Verdes Drive South adjacent to the Sacred Cove Trailhead, and at the archery club. Drinking fountains are available at the Abalone Cove Shoreline Park and off the Beach School Trail adjacent to the nursery school building.

## Biological Resources/Compatibility

This Reserve consists of a combination of coastal sage scrub, southern coastal bluff scrub and grassland. The site currently contains several known populations of NCCP covered species, including the gnatcatcher, coastal cactus wren, Santa Catalina Island desert-thorn, wooly seablight, and south coast saltscale. As shown on the trails plan, the trails are located within existing paths/disturbed areas to minimize impacts to CSS and sensitive species to the maximum extent practicable and avoid having to create new trails. However, since the designated trails would still cross CSS and known locations of sensitive species, focused monitoring and/or restrictions on maintenance, new construction and access may be required to be consistent with the NCCP.





## **OCEAN TRAILS RESERVE**

The Ocean Trails Reserve generally consists of two properties, approximately 47.4 acres of the City's 52.8-acre Shoreline Park and 66.3 acres of the Trump National Golf Course that is designated as the habitat restoration area pursuant to the property's HCP. The trail routes for this Reserve take into account the existing project conditions for the Trump National Golf Course. Some of the trails in this Reserve are a part of the City's segment of the California Coastal Trail. There are a total of twelve (12) trails including five (5) trails to the shore that provide 3.43 miles of trails as identified below:



<b>Trail Name</b>	<b>Pedestrian</b>	<b>Equestrian</b>	<b>Bicycle</b>	<b>Miles</b>	<b>Existing</b>
West Portal Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.12	Yes
West Bluff Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.07	Yes
Sunset Trail	Yes	No	No	0.15	Yes
Sunrise Trail <small>(California Coastal Trail)</small>	Yes	No	No	0.25	Yes
Catalina Trail <small>(West segment) (California Coastal Trail)</small>	Yes	No	Yes	0.45	Yes
Catalina Trail <small>(East segment) (California Coastal Trail)</small>	Yes	No	No	0.57	Yes
Dudleya Trail	Yes	No	No	0.08	Yes
Coastal Switchback Trail	Yes	No	No	0.19	Yes
Sagebrush Walk Trail <small>(California Coastal Trail)</small>	Yes	No	Yes	0.12	Yes
Southshore Coastal Trail	Yes	No	No	0.07	Yes
Gnatcatcher Trail	Yes	No	Yes	0.27	Yes
Shoreline Park Trail	Yes	No	Yes	0.57	Yes
East Boundary Trail <small>(California Coastal Trail)</small>	Yes	No	Yes	0.32	Yes
Access Trails to Catalina and Gnatcatcher Trail	Yes	No	No	0.20	Yes

### Trail Access

Trailhead access can be made from various locations throughout this Reserve. The Trump National Golf Course provides trailhead access at Founder's Park for the Sunset Trail and the Catalina Trail, from the La Rotunda Parking Lot to the Catalina Trail, and off Twin Harbor View Drive to the Gnatcatcher Trail. There are also two trailheads off Palos Verdes Drive South providing access to the Gnatcatcher Trail and the East Boundary Trail. Public parking is available off Ocean Trails Drive near the Trump National Club House, at the La Rotunda Parking Lot off La Rotunda Drive, and on-street public parking on Twin Harbor View Drive.

### Public Facilities

A public restroom facility is available at the basement level of the Trump National Club House and adjacent to the public parking lot at the end of La Rotunda Drive. A drinking fountain is available at the basement level of the Trump National Club House, at Founders Park, and next to the public restrooms at the end of La Rotunda.

### Biological Resources/Compatibility

This Reserve consists of a combination of coastal sage scrub, southern coastal bluff scrub, grassland and disturbed vegetation. The site currently contains several known populations of NCCP covered species, including the gnatcatcher, coastal cactus wren, island green dudleya, wooly seablight, and south coast saltscale. As shown on the trails plan, the trails have been located within existing paths/disturbed areas to minimize impacts to CSS and sensitive species to the maximum extent practicable and avoid having to create new trails. However, since the designated trails would still cross CSS and known locations of sensitive species, focused monitoring and/or restrictions on maintenance, new construction and access may be required to be consistent with the NCCP.

# Ocean Trails Reserve Palos Verdes Nature Preserve

RANCHO PALOS VERDES



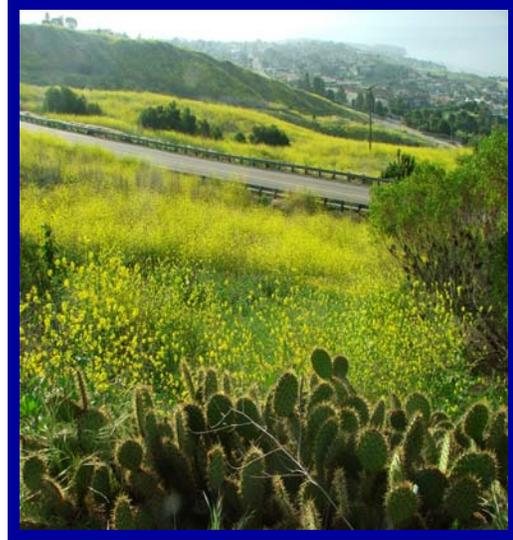
- Reserve Boundary
- Trump National Golf Club
- Parking Lot
- Restrooms
- Club House
- Trailhead
- Pedestrian Only
- Pedestrian & Bike Only
- Road
- 20m Contour Lines

0 0.25 Miles

Updated 2.13.2013

## SAN RAMON RESERVE

The San Ramon Reserve is comprised of the 94-acre Switchback parcel which was deeded to the City in connection with the Sea Cliff Hills residential development project (11 acres of the site is currently a part of the Trump National project's habitat mitigation). As shown on the San Ramon trails map, a portion of the Switchback Trail and the entire San Ramon Trail are trail routes where the exact location has yet to be determined. The trails in the Reserve currently total 0.82miles as identified below:



Trail Name	Pedestrian	Equestrian	Bicycle	Miles	Existing
San Ramon Trail	Yes	No	Yes	TBD	No
Lower Palos Verdes Drive East Trail	Yes	No	Yes	0.23	Yes
Marymount Trail	Yes	No	Yes	0.23	Yes
Switchback Trail (West segment)	Yes	No	Yes	0.36	Yes
Switchback Trail (East segment)	Yes	No	Yes	TBD	No

### Trail Access

There are several trailheads that provide access to this Reserve. For the Marymount Trail and the San Ramon Trail, trailheads are located at both the lower and upper portions of these trails. As for the Lower Palos Verdes Drive East Trail, trailheads exist at the lower entry point to the trail and at the junction between this trail and the Switchback Trail. There is no available public parking for this Reserve.

### Public Facilities

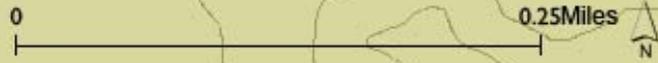
There is no public restroom facility at this Reserve. A drinking fountain is available at the lower segment of the Marymount Trail adjacent to the bicycle racks off Palos Verdes Drive South.

## Biological Resources/Compatibility

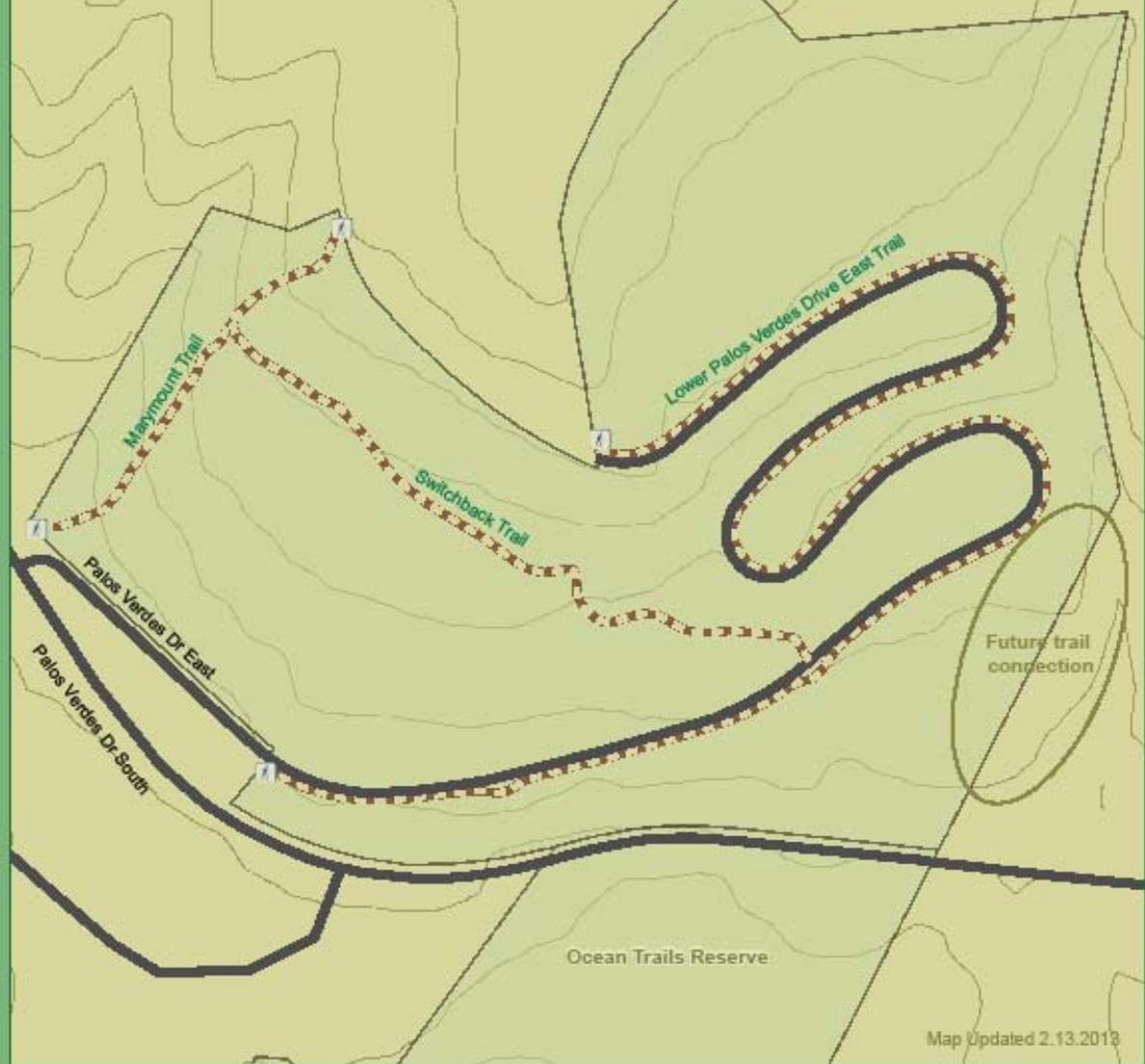
This Reserve consists of a combination of coastal sage scrub, southern cactus scrub, grassland and disturbed vegetation. The site currently contains several known populations of NCCP covered species, including the gnatcatcher and coastal cactus wren. As shown on the trails plan, the designated trails are located within existing paths/disturbed areas to minimize impacts to CSS and sensitive species to the maximum extent practicable and avoid having to create new trails. However, since the designated trails would still cross CSS and known locations of sensitive species, focused monitoring and/or restrictions on maintenance, new construction and access may be required to be consistent with the NCCP.



# San Ramon Reserve Palos Verdes Nature Preserve



- Reserve Boundary
- Trailhead
- Road
- Pedestrian & Bikes Only
- 20m Contour Lines



Map Updated 2.13.2013

## **FORRESTAL RESERVE**

The 154.9-acre Forrestal Reserve is located at the end of Forrestal Drive adjacent to the Ladera Linda Community Center and the Palos Verdes Peninsula Unified School District athletic fields. There are 21 trails in this Reserve totaling 3.93 miles as identified below:

<b>Trail Name</b>	<b>Pedestrian</b>	<b>Equestrian</b>	<b>Bicycle</b>	<b>Miles</b>	<b>Existing</b>
Forrestal Trail <small>(West segment)</small>	Yes	Yes	Yes	0.15	Yes
Forrestal Trail <small>(East segment)</small>	Yes	No	Yes	0.25	Yes
Quarry Trail	Yes	No	No	0.32	Yes
Docent Trail (off Fossil Trail)	Docent Only	No	No	0.06	Yes
Docent Walk Only (Off Quarry Trail)	Docent Only	No	No	0.07	Yes
Basalt Trail	Yes	Yes	Yes	0.05	Yes
Crystal Trail	Yes	Yes	No	0.12	No
Pirate Trail	Yes	No	Yes	0.30	Yes
Coolheights Trail	Yes	No	Yes	0.06	Yes
Cristo Que Viento Trail	Yes	No	No	0.22	Yes
Mariposa Trail	Yes	Yes	Yes	0.48	Yes
Flying Mane Trail	Yes	Yes	Yes	0.45	Yes
Packsaddle Trail	Yes	Yes	No	0.07	Yes
Canyon Trail	Yes	Yes	Yes	0.14	Yes
Red Tail Trail	Yes	No	Yes	0.05	Yes
Dauntless Trail	Yes	Yes	Yes	0.13	Yes
Conqueror Trail	Yes	Yes	Yes	0.23	Yes
Cactus Trail	Yes	Yes	Yes	0.11	Yes
Vista Trail	Yes	Yes	Yes	0.19	Yes
Exultant Trail	Yes	No	No	0.15	Yes
Purple Sage Trail	Yes	Yes	Yes	0.12	Yes
Intrepid Trail	Yes	Yes	Yes	0.15	Yes

## Trail Access

Trailheads are located at four different locations at this Reserve. A trailhead is located at the cul-de-sac of Coolheights Drive in the Mediterrania tract, off the Forrestal Trail (Forrestal Drive) at the trail junctions for the Quarry Trail and the Crystal Trail, and off the Intrepid Trail (Intrepid Drive) at the Purple Sage Trail junction. Public parking is available on Forrestal Drive before the entry gate to the Preserve and at the Ladera Linda Community Center parking lot.

## Public Facilities

Restroom facilities are available at the Ladera Linda Community Center and a port-a-potty is available at the soccer fields off Intrepid Drive. A drinking fountain is available at the Ladera Linda Community Center and off Forrestal Drive behind the entry gate across from the Quarry Bowl trail junction (adjacent to the wall enclosing the Verizon mechanical equipment).

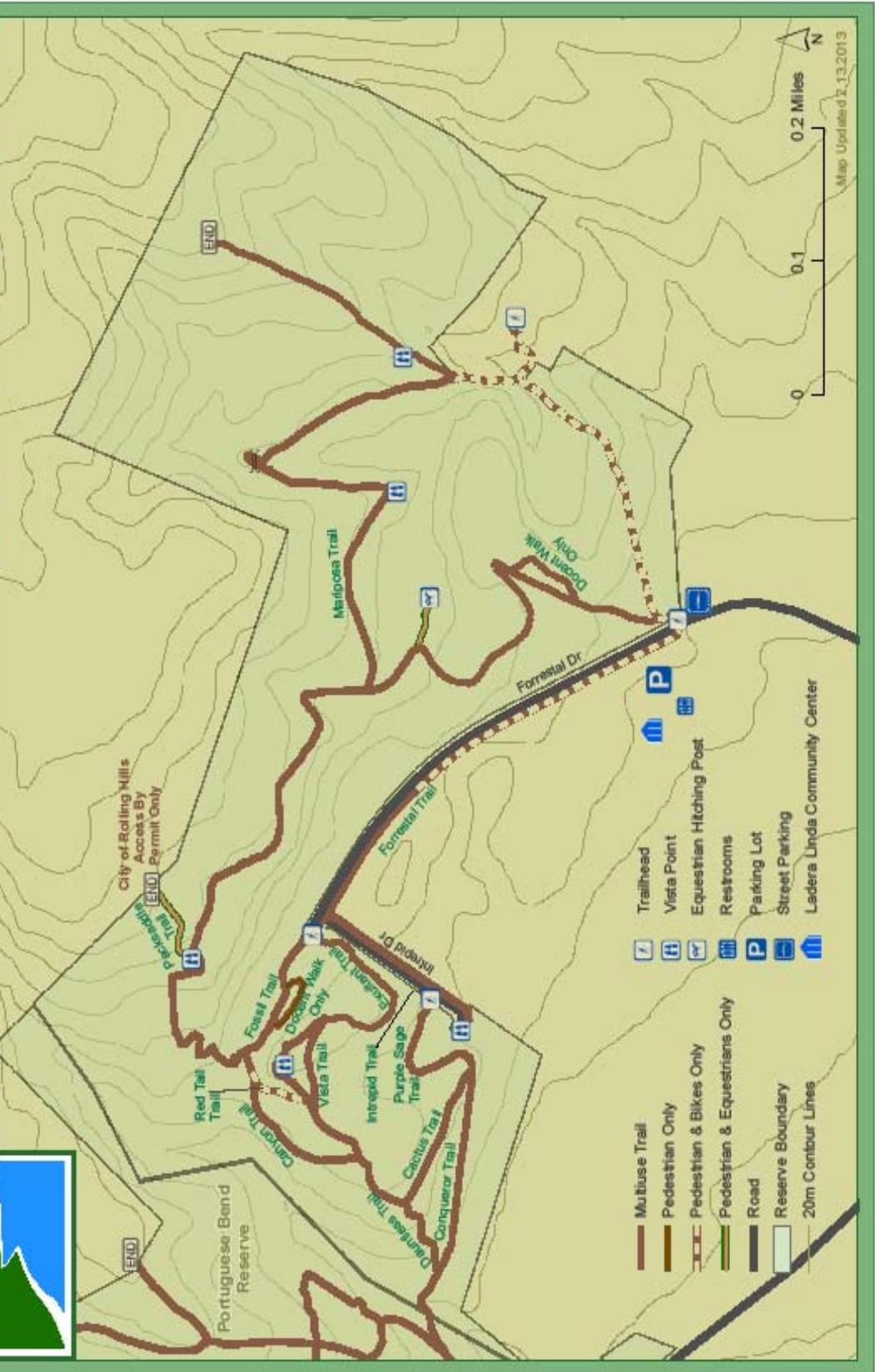
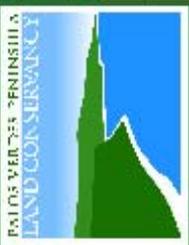
## Biological Resources/Compatibility

This Reserve consists of a combination of coastal sage scrub, southern cactus scrub, southern coastal bluff scrub, grassland and disturbed vegetation. The site currently contains several known populations of NCCP covered species, including the gnatcatcher, coastal cactus wren, and Catalina crossosoma. As shown on the trails plan, the designated trails are located within existing paths/disturbed areas to minimize impacts to CSS and sensitive species to the maximum extent practicable and avoid having to create new trails. However, since the designated trails would still cross CSS and known locations of sensitive species, focused monitoring and/or restrictions on maintenance, new construction and access may be required to be consistent with the NCCP.



# Forrestal Reserve Palos Verdes Nature Preserve

RANCHO PALOS VERDES



## **PORTUGUESE BEND RESERVE**

The Portuguese Bend Reserve consists of a 399-acre parcel purchased by the City in 2005 and the 17-acre Del Cerro Park buffer parcel. The trails plan for this Reserve represents a balance between public access with habitat preservation and the interest of various user groups to access and enjoy the Preserve.



This Reserve includes 23 trails, some of which that connect to the adjoining Forrestal and Filiorum Reserves. This Reserve contains 9.87 miles of trails as identified below:

<b>Trail Name</b>	<b>Pedestrian</b>	<b>Equestrian</b>	<b>Bicycle</b>	<b>Miles</b>	<b>Existing</b>
Klondike Canyon Trail	Yes	Yes	Yes	0.26	Yes
Barn Owl Trail	Yes	Yes	Yes	0.17	Yes
Panorama Trail	Yes	Yes	Yes	0.34	Yes
Sandbox Trail	Yes	Yes	Yes	0.18	Yes
North Sandbox Trail	Yes	Yes	No	0.13	Yes
Ishibashi Farm Trail <small>(West segment)</small>	Yes	Yes	Yes	0.27	Yes
Ishibashi Farm Trail <small>(East segment)</small>	Yes	Yes	No	0.20	Yes
Peppertree Trail	Yes	Yes	Yes	0.57	Yes
Landslide Scarp Trail	Yes	Yes	No	0.25	Yes
Garden Trail	Yes	Yes	No	0.25	Yes
Toyon Trail	Yes	Yes	Yes	0.15	Yes
Water Tank Trail	Yes	Yes	No	0.21	Yes
Vanderlip Trail	Yes	Yes	No	0.51	Yes
Kubota Trail	Yes	Yes	No	0.26	Yes
Burma Road Trail	Yes	Yes	Yes	2.17	Yes
Burma Road Overlook Trail	Yes	Yes	Yes	0.1	Yes
Rim Trail <small>(upper segment)</small>	Yes	Yes	No	0.77	Yes

Trail Name	Pedestrian	Equestrian	Bicycle	Miles	Existing
Rim Trail (lower segment)	Yes	No	No	0.23	Yes
Paintbrush Trail	Yes	Yes	No	0.34	Yes
Grapevine Trail	Yes	Yes	No	0.36	Yes
Fire Station Trail	Yes	Yes	No	0.20	Yes
Ishibashi Trail	Yes	Yes	Yes	0.88	Yes
Eagle's Nest Trail	Yes	Yes	Yes	0.50	Yes
Ailor Trail	Yes	Yes	No	0.30	Yes
Peacock Flats Trail	Yes	Yes	No	0.26	Yes

### Trail Access

Trailheads are located at eight different locations at this Reserve. At the upper north portion of this Reserve, trailheads are located at the entry gate off Crenshaw Boulevard at the Burma Road Trail, and at the City boundary line adjacent to the Fire Station Trail and the Rim Trail. It should be noted that the latter of these two trailheads serve the residents of the City of Rolling Hills and visitors with access permits from the City of Rolling Hills. A Trailhead at the lower portion of the Vanderlip Trail provides access to this Reserve from the Portuguese Bend Community. This is a gated community and access is by permission only. There are three trailheads at the lower portion of this Reserve that provide access from Gateway Park to the Ishibashi Farm Trail, the Peppertree Trail, and the Sandbox Trail. Lastly, a trailhead is located at the City boundary with Rolling Hills at the lower southern portion of the Burma Road Trail that serves the residents of the City of Rolling Hills and visitors with access permits from the City of Rolling Hills.

On-street parking is available along Crenshaw Blvd. prior to the entry gate at the Burma Road Trail. Construction of a public parking lot is planned at the Gateway Park as part of the California Coastal Trail project and as part of the proposed future improvements for Gateway Park as envisioned in the City Council adopted Vision Plan.

### Public Facilities

A portable restroom is available at the junction between the Fire Station and Burma Road Trails and at the Gateway Parking Lot located off Palos Verdes Drive South. A drinking fountain is not available at this Reserve.

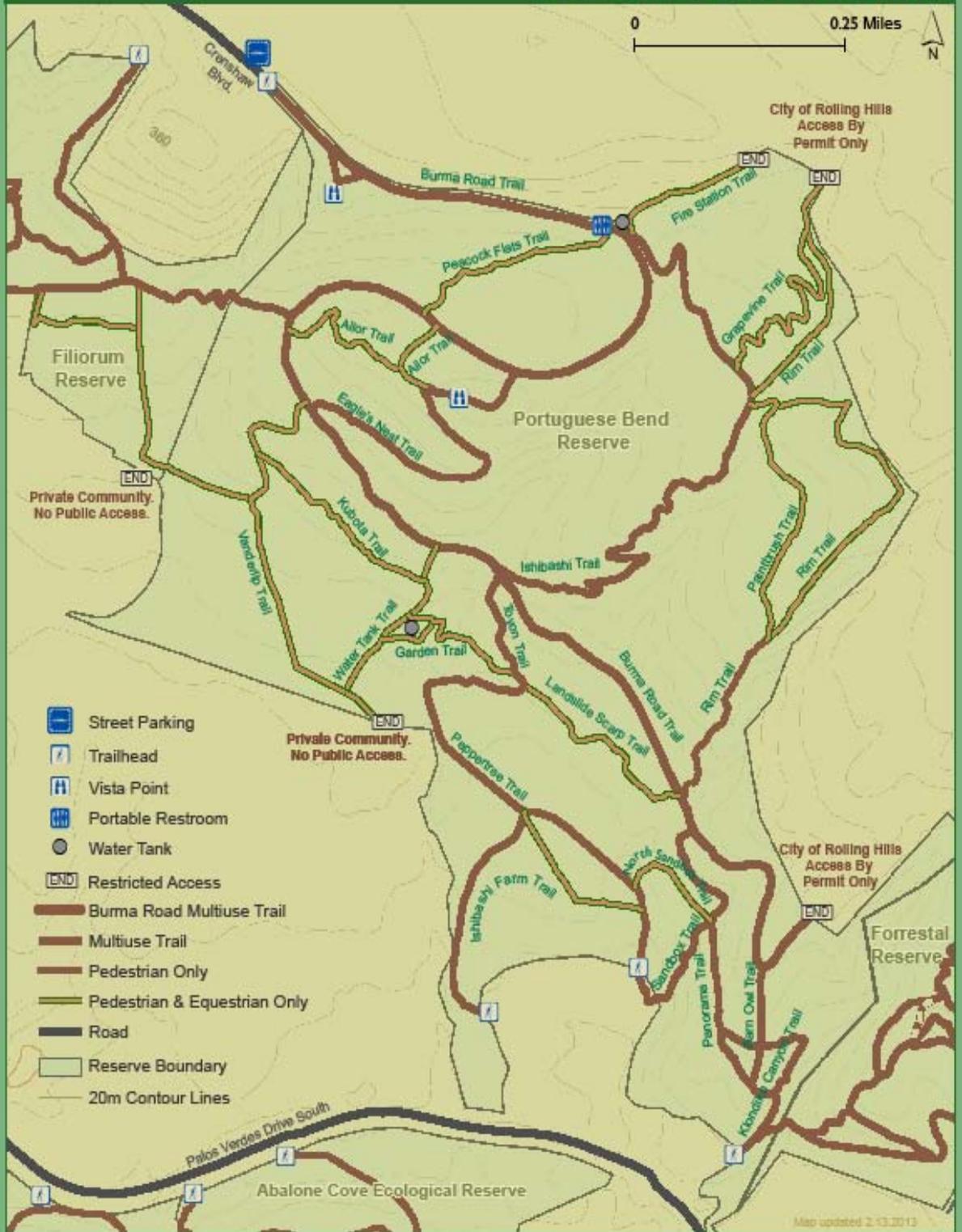
## Biological Resources/Compatibility

This Reserve consists of a combination of coastal sage scrub, southern cactus scrub, grassland, exotic woodland and disturbed vegetation. The site currently contains several known populations of NCCP covered species, including core populations of the gnatcatcher and coastal cactus wren. As shown on the trails plan, the designated trails have been located within existing paths/disturbed areas to minimize impacts to CSS and sensitive species to the maximum extent practicable and avoid having to create new trails. However, since the designated trails would still cross CSS and known locations of sensitive species, focused monitoring and/or restrictions on maintenance, new construction and access may be required to be consistent with the NCCP.



# Portuguese Bend Reserve

## Palos Verdes Nature Preserve



## FILIORUM RESERVE

The 190-acre Filiorum property was added to the Palos Verdes Nature Preserve on December 31, 2009. This Reserve links the Three Sisters and the Portuguese Bend Reserves. This reserve contains 8 trails consisting of 3.76 miles of trails as identified below:



Trail Name	Pedestrian	Equestrian	Bicycle	Miles	Existing
Jack's Hat Trail	Yes	Yes	Yes	0.76	Yes
Pony Trail	Yes	Yes	Yes	0.61	Yes
Zote's Cutacross	Yes	Yes	Yes	0.88	Yes
Ford Trail	Yes	Yes	No	0.33	Yes
Kelvin Canyon Trail	Yes	Yes	Yes	0.35	Yes
Rattlesnake Trail	Yes	Yes	Yes	0.32	Yes
Eucalyptus Trail	Yes	Yes	No	0.17	Yes
Gary's Gulch Trail	Yes	Yes	No	0.33	Yes

### Trail Access

Access to the trails can be made via trailheads from various locations at this Reserve. From the upper portion of this Reserve, there are three trailheads. The westernmost trailhead is located near the end of Ocean Terrace Drive, the central trailhead is located off the McBride Trail that connects to the Pacifica Street in the residential neighborhood, and the eastern trailhead is located off Crenshaw Boulevard via the access stairs that traverse the Island View residential tract common open space area.

Trailhead parking is currently not available for this Reserve. Public on-street parking is available on Ocean Terrace Drive, Pacifica Drive and Crenshaw Boulevard. Users of the public street parking should be mindful of the surrounding residences.

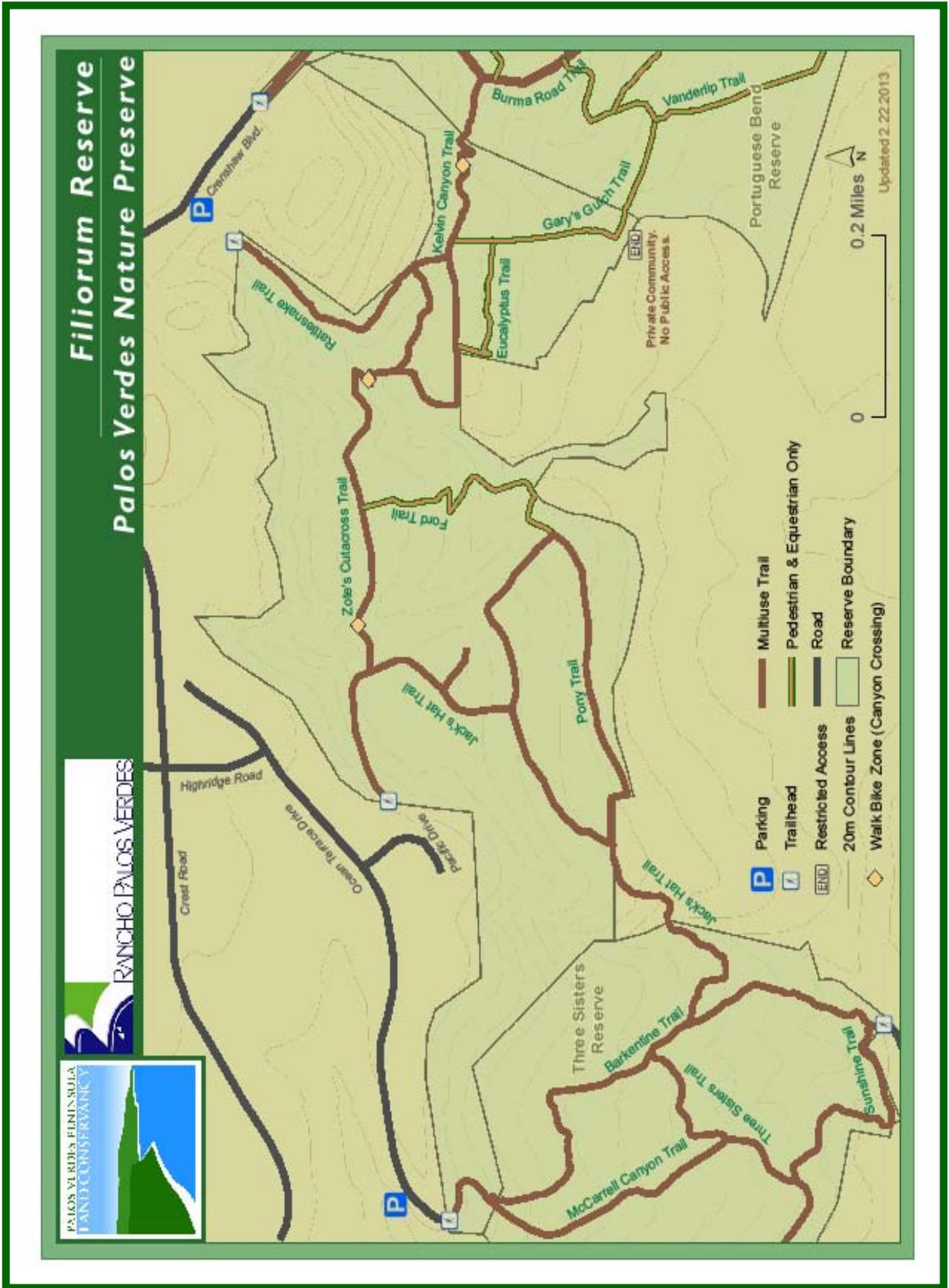
### Public Facilities

Restroom facilities and drinking fountains are not available at this Reserve.

## Biological Resources/Compatibility

This Reserve consists of a combination of coastal sage scrub, southern cactus scrub, grassland, exotic woodland and disturbed vegetation. The site currently contains several known populations of NCCP covered species, including core populations of the gnatcatcher and coastal cactus wren. As shown on the trails plan, the designated trails have been located within existing paths/disturbed areas to minimize impacts to CSS and sensitive species to the maximum extent practicable and avoid having to create new trails. In addition, certain existing trails will not remain open, and will be restored to provide a connected block of habitat for sensitive species. However, since the designated trails would still cross CSS and known locations of sensitive species, focused monitoring and/or restrictions on maintenance, new construction and access may be required to be consistent with the NCCP.





## **THREE SISTERS RESERVE**

The Three Sisters Reserve consists of the 98-acre Barkentine parcel which was purchased by the City in 2001. This Reserve connects to the Filiorum Reserve to the east providing a continuous connection to the greater Palos Verdes Nature Preserve. This Reserve contains 4 trails consisting of 1.76 miles of trails as identified below:



<b>Trail Name</b>	<b>Pedestrian</b>	<b>Equestrian</b>	<b>Bicycle</b>	<b>Length</b>	<b>Existing</b>
McCarrell Canyon Trail	Yes	Yes	Yes	0.41	Yes
Three Sisters Trail	Yes	Yes	Yes	0.39	Yes
Barkentine Trail	Yes	Yes	Yes	0.66	Yes
Sunshine Trail	Yes	Yes	Yes	0.31	Yes

### **Trail Access**

Access to the trails can be made via trailheads from various locations at this Reserve. From the lower portion of this Reserve, there are two trailheads. One trailhead is located off the Barkentine Drive cul-de-sac accessing the Barkentine and Sunshine Trails, and the other trailhead is located off the Three Sisters Trail adjacent to the common open space area for the Tramonto Tract. From the upper portion of this Reserve, a trailhead is located at the Ocean Terrace cul-de-sac.

Trailhead parking is currently not available for this Reserve. Furthermore, on-street parking on Barkentine Road or other streets in the Upper Abalone Cove Residential Tract is restricted and by permit only. Public street parking is available at the Ocean Terrace Drive cul-de-sac in the residential neighborhood. Users of the public street parking should be mindful of the surrounding residences.

### **Public Facilities**

Restroom facilities and drinking fountains are not available at this Reserve

## Biological Resources/Compatibility

This Reserve consists of a combination of coastal sage scrub, southern cactus scrub, grassland and disturbed vegetation. The site currently contains several known populations of NCCP covered species, including core populations of the gnatcatcher and coastal cactus wren. As shown on the trails plan, the designated trails have been located within existing paths/disturbed areas to minimize impacts to CSS and sensitive species to the maximum extent practicable and avoid having to create new trails. A connection to the Filliorum Reserve from this Preserve will have to avoid core populations of sensitive species and may also require a stream crossing with related federal/state wetland permits. However, since the designated trails would still cross CSS and known locations of sensitive species, focused monitoring and/or restrictions on maintenance, new construction and access may be required to be consistent with the NCCP.

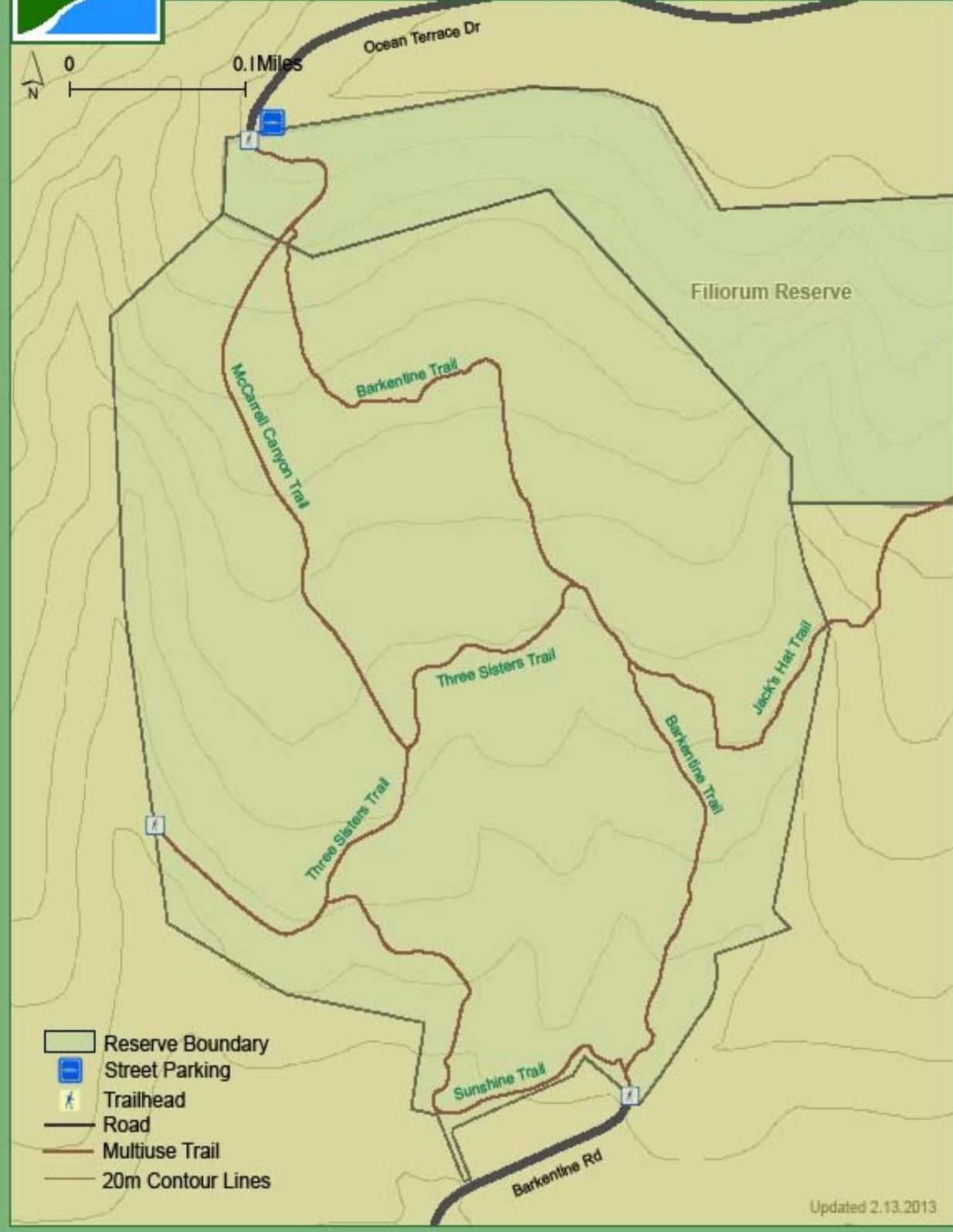




# Three Sisters Reserve Palos Verdes Nature Preserve



0 0.1 Miles



- Reserve Boundary
- Street Parking
- Trailhead
- Road
- Multiuse Trail
- 20m Contour Lines

Updated 2.13.2013

**This page is intentionally blank**

---

### **3. ACTIVITIES IN THE PRESERVE**

---

Pursuant to the NCCP (Section 6 – Preserve Management), in order to conserve the unique biodiversity and maintain sensitive resources in the Preserve while balancing public recreational opportunities, this chapter identifies authorized and prohibited public activities in the Preserve. The following public uses and activities are considered conditionally compatible uses under the NCCP (See Section 5.4.2 and Table 5-1 of the NCCP), provided these projects/activities comply with the NCCP, including the public use guidelines and habitat mitigation ratios and Habitat Impact Avoidance and Minimization Measures for Covered Activities (See Sections 5.5 and 9.2.1 of the NCCP):

#### **PUBLIC USE GUIDELINES**

The public uses and activities in the PUMP shall be consistent with the following guidelines set forth in the NCCP [Section 5.4.2 (Public Use) and 9.2.1 (Public Use Master Plan)]:

1. Development of a Preserve Trail Plan (PTP) that places an emphasis on avoiding or minimizing impacts to CSS habitat and Covered Species. Future modifications to the approved PTP that will result in additional impacts to the Covered Species or Preserve habitat will require the prior written concurrence of the Wildlife Agencies. Existing trails within the Preserve that are not included in the approved PTP will be closed.
2. Development of a PTP where new trail construction avoids direct access to sensitive resource areas and major biological features (i.e. 7.6-meter [25-foot] setback to coastal bluffs) and the following measures are taken into consideration:
  - a) Limit public use to specified trails where impacts to habitat can be minimized. If trails become degraded because of heavy use, rotate or limit use during certain seasons to minimize further degradation.
  - b) Limit trails for shoreline access to prevent extensive trampling and compaction.
  - c) Locate new trails away from sensitive resources or restrict their use.
  - d) Provide a 30-foot upland buffer along major drainages for new trails sited adjacent to drainages.
3. Determine allowable passive recreational activities within the Preserve, depending on the resources to be protected, season, and successional stage of the adjacent habitat.
4. Restrict the archery range and any passive recreational uses to areas where impacts to habitat can be avoided.
5. Develop guidelines for any passive overlook areas, benches, tie rails, portable toilets, and trash cans, so that no existing native habitat will be lost.
6. Develop litter control measures, such as closed garbage cans and recycling bins, and restrict such receptacles to access points for the Preserve.

The following public uses and activities, which conform to the PUMP, are considered allowable uses in the Preserve under the NCCP:

1. Public use and implementation of the PTP contained in the Wildlife Agency-approved PUMP. Section 9.2.1.1 of the NCCP provides the design criteria and guidelines that will be used for the PTP.
2. Closure of existing trails within the Preserve that are not included in the PTP, as approved by the City Council and Wildlife Agencies.
3. Passive recreational activities (e.g. horse riding, hiking, bicycling, wildlife viewing) as described in the PUMP and approved by the City and Wildlife Agencies.
4. Subject to the PUMP, the creation and maintenance of passive overlook or vista areas with seating benches and trail markers may be located at key vista points near existing trails in the Preserve, provided no existing habitat will be lost. The location of these overlooks shall be located to avoid or minimize direct and indirect impacts to biological resources. The location of these overlooks will be approved by City Council.
5. Installation and maintenance of benches, picnic tables, tie rails, portable toilets, and trash cans within the Preserve and near Preserve boundaries, provided no existing habitat will be lost. The location of these facilities shall be sited to avoid or minimize direct and indirect impacts to habitat and Covered Species. Location of overlooks shall be reviewed for consistency with the PUMP and this Plan and approved by the City Council prior to initiation of any implementation work.
6. Installation of trailhead signage/kiosks within the Preserve adjacent to existing roads or other access ways and away from sensitive resource areas. The location of trailhead signage/kiosks shall be reviewed for consistency with the PUMP and this Plan and approved by the City prior to initiation of any implementation work.
7. Operation and maintenance of the existing archery range in its current location and acreage (approximately 8 acres) within the Preserve, provided the appropriate City permits are maintained and the facility is not expanded.
8. Operation of the existing agricultural use at Upper Point Vicente (Alta Vicente Reserve) of approximately 5 acres in size provided the appropriate City lease agreement is maintained and all agricultural practices and improvements remain consistent with this NCCP. No other agricultural activities are allowed in the Preserve.
9. Night use of the Preserve provided use is limited, controlled, monitored, and managed through a permit issued by the City. Any night use of the Preserve shall be consistent with the requirements of this Plan.

The following PUMP public uses and activities are considered conditionally compatible uses under the NCCP:

1. Ensure that public access to the Preserve is consistent with the approved PUMP to provide protection and enhancement of biological resources.
2. If unforeseen circumstances warrant it, close specific approved trails for temporary time periods to minimize biological impacts.
3. Close unapproved trails using fencing or signage to prevent the use or creation of unauthorized trails and protect sensitive plant species adjacent to established trails.
4. Monitor existing access points and trails to prevent degradation of the Preserve. Adverse effects of passive recreation such as trampling vegetation and erosion will be minimized by taking the following measures:
  - a) Establish a trail inspection and maintenance program to monitor trail conditions, and detect vandalism and habitat degradation.
  - b) Seasonally restrict access to certain trails if deemed necessary to prevent disturbance of breeding activities of Covered Species.
  - c) If trails become degraded because of heavy use, rotate or limit use as deemed appropriate. This can also be during certain seasons to minimize further degradation.
5. Prepare and maintain trail surfaces to minimize erosion. Do not use materials for trails that will be a source of seed of invasive exotic species. Prohibit use of eucalyptus chips that could suppress native plant growth adjacent to trails.
6. Install water-bars on steep trails to minimize erosion and sedimentation.
7. Locate new trails away from sensitive resources or restrict their use.
8. Construct barriers and/or signage at viewpoints or prominent features to discourage access to sensitive coastal bluff areas. This measure will be appropriate at viewpoints or prominent features along established trails.
9. Provide litter control measures, such as closed garbage cans and recycling bins, at access points within the Preserve.

## **AUTHORIZED PUBLIC ACTIVITIES**

Consistent with the covered projects and activities set forth in the NCCP (Section 5.0) and Preserve Management: PUMP (Section 9.2), the following public activities are considered conditionally compatible uses in the Preserve:

### **a. Dog and Other Pet Walking**

Pursuant to Section 12.16.050 of the RPVMC, dogs or other pets may be brought into the Preserve provided that the animal is restrained by a substantial chain or

leash not exceeding six feet in length and is in the charge, care, custody and control of such person. Moreover, dog walking as a commercial activity is permitted in the Preserve provided that the appropriate City business licenses are obtained and kept current, and that the proprietor complies with the leash requirements stated herein.

Pursuant to Section 6.04.010 of the RPVMC and LA County Code Section 10.40.060, It is unlawful for the owner or person having custody of any dog or other animal to permit, either willfully or through failure to exercise due care or control, any such dog or animal to commit any nuisance and to allow such nuisance to thereafter remain upon any public or private property not owned or possessed by the owner or person in control of said animal, provided that the person who owns, harbors, keeps or has charge or control of a dog (other than a sightless person who has charge or control of a guide dog) shall immediately and securely enclose all feces deposited by such dog in a bag, wrapper or other container and dispose of the same in a sanitary manner. Any person (other than a sightless person with a guide dog) who has charge or control of a dog in a location other than on the property of such person or the property of the owner of the dog, shall have in his or her possession a suitable wrapper, bag or container (other than articles of personal clothing) for the purpose of complying with the requirements of this section. Failure of such person to carry such wrapper, bag or container when in charge or control of a dog in a location other than on property of such person or the property of the owner of the dog or animal shall constitute a violation of this section

**b. Farming**

The City's NCCP allows the continued operation of any farming activities in the Preserve provided that such activities are not expanded. Farming currently operates as an existing agricultural use at the Alta Vicente Reserve (Upper Point Vicente / Civic Center) on the southeastern slopes along the Prickly Pear trail consisting of approximately 5 acres in size. This farming operation can continue provided the appropriate City lease agreement is maintained, no habitat restoration is scheduled for the site, and all agricultural practices and improvements remain consistent with this NCCP/HCP. No other agricultural activities are allowed in the Preserve.

**c. Archery**

The City's NCCP allows the continued operation of an archery club in the Preserve provided that the area of the archery club is not expanded. The Palos Verdes Archery Club has been operating a roving field archery range at the Abalone Cove Reserve (on property owned by the City's former RDA at Portuguese Bend) since 1989. Permission to use this City land was granted by the City Council in 1989 through the approval of Conditional Use Permit No. 10. The conditions adopted by the City Council in 1989 specify the parameters for using City land, including the City's ability to revoke the approval with a 30-day notice or immediately if incidents involving landslides or geologic conditions that prove to be an imminent hazard to health, safety and welfare occur. The Archery Club maintains the fire road on an

annual basis. The Archery Club is used between dawn and dusk in accordance with the City park hours and occasionally conducts special events, such as tournaments, competitions, and picnics.

On April 7, 2009, the City Council allowed the Archery Club to continue its operation under the existing Conditional Use Permit (CUP) in its current location only with the future review of the CUP, and, consideration of a lease agreement with the Archery Club. No open flames, barbecues, or smoking is permitted.

**d. Commercial Filming or Photography**

Pursuant to Section 9.16.020 of the RPVMC, the Preserve may be used for the purpose of producing, taking or making any motion picture or television production or engaging in still commercial photography provided a permit is first obtained from the City. Permit requests for commercial filming and/or photography in the Preserve will be considered on a case-by-case basis to ensure that potential impacts to biological resources and public safety are minimized. In considering a commercial film or photography permit in the Preserve, the following review criteria shall apply:

1. The location is in an area that does not jeopardize or adversely impact biological resources;
2. No more than 10 persons shall be allowed to participate in the filming or photography activity;
3. Vehicles are parked outside the Preserve in designated areas;
4. Such activity will not unduly interfere with the public's use of trails unless City authorization has been obtained to temporarily close a trail. In such cases, the temporary closure shall be posted a minimum of five days in advance of the film or photography shoot.
5. The conduct of such activity will not unduly interfere with normal governmental or city operations, threaten to result in damage or detriment to the Preserve, or result in the City incurring costs or expenditures in either money or personnel not reimbursed in advance by the applicant.
6. The conduct of such activity will not constitute a fire hazard and all proper safety precautions will be taken.

The decision of the City Manager to issue, conditionally issue, or not issue a film or photography permit in the Preserve shall be final unless appealed in writing within five working days of the decision by requesting a hearing of the City Council at the next available meeting.

**e. Specimen Material Collection Policy**

Collection of specimen material in the Preserve must be tightly controlled due to the potential impacts to biological resources. The following collection policies shall apply to the Preserve:

- Collecting of native plant material or flowers is forbidden due to potential impacts to plant reproduction and on fauna which may be dependent on the plants for food and habitat, and due to the potential impact on soil erosion and geological stability. Collecting of seeds and cuttings may be permitted only with the written permission of the City and the PVPLC, with appropriate permits/authorization from federal and state agencies.
- Research on and proposed collection of plants, insects and birds may be permitted only with the appropriate Resource Agency permits (i.e., permit under the Federal Endangered Species Act of 1973, as amended and/or state scientific research/collecting permit) and the written permission of the City and the PVPLC. All entities listed herein shall receive a copy of the research results for permitted research activities conducted within the Preserve.

**f. Geocaching**

Placing and searching for geocaches in the Preserve is permitted, so long as activities take place on designated trails and does not impact sensitive habitat and wildlife. Geocaches placed off-designated trails and/or in sensitive areas are not allowed.

**g. Preserve Management**

Management of the Preserve in accordance with the provisions described in Sections 8.0 and 9.0 of the NCCP is a covered activity. Specific management covered activities anticipated to occur in the Preserve include the following:

- a) Monitoring of Covered Species
- b) Vehicular access
- c) Habitat restoration
- d) Invasive species control
- e) Predator control
- f) Reintroduction of Covered Species
- g) Photo documentation
- h) Installation of signage
- i) Trail maintenance
- j) Field research and studies designed to contribute to the long-term protection of habitats and species and other basic research of habitats and species included in the Preserve.

**PROHIBITED PUBLIC ACTIVITIES**

Activities that may affect covered species addressed in the NCCP and are not covered activities as set for in the NCCP will be prohibited without the proper authorization from the Resource Agencies. Some, but not limited to, of the following activities are prohibited from

occurring in the Preserve in order to reduce impacts to biological resources and to minimize hazards to public safety and property within or adjacent to the Preserve:

- Commercial or industrial uses
- Placement of billboards
- Introducing or dispersing non-native or exotic plant or animal species
- Altering the surface or general topography
- Paintballing
- Archery/target shooting (except as authorized herein)
- Feeding the animals
- New (or expansion) of trails or jumps (see “a.” below)
- Organized bike races, including night rides
- Unauthorized fuel clearing and/or planting
- Camping/overnight stay (see “b.” below)
- Campfires and BBQ’s in non-designated areas (see “d.” below)
- Hunting or collection of wildlife (see “e.” below)
- Smoking or any kind (see “d.” below)
- Motorized vehicles (see “f.” below)
- Paragliding and Parasailing (see “g.” below)
- Motorized or Radio-Controlled Models (see “h.” below)
- Any other use deemed inappropriate or in conflict with the NCCP.

**a. Bicycle Jumps**

The creation of man-made or natural jumps, whether on designated trails or off-trails, is prohibited in the Preserve. Such features promote activities in the Preserve that directly contradict the passive recreational use intended for the Preserve as described in the NCCP. Moreover, Section 12.16.010 of the RPVMC states that no person other than authorized employees or City agents or other authorized persons in the performance of their duties shall cut, break, dig up, remove, or in any manner injure any plant, animal, public building, structure or contents therein on public property.

**b. Camping**

Overnight camping within the Preserve is inconsistent with the purpose of the Preserve for a number of reasons, including, but not limited to, lack of adequate and appropriate sanitary facilities and shelters; adverse impacts upon sensitive plant and animal communities; increased risk of wildfire due to human activity; and limited emergency access to the Preserve. As such, pursuant to Section 12.16.140 of the RPVMC no person shall camp within the Preserve. For this purpose, “camp” shall mean to remain on site overnight, whether entirely out of doors or utilizing an enclosed or semi-enclosed temporary accommodation, including but not limited to, a tent, tarp, canopy, trailer, recreational vehicle, passenger car or truck. City or PVPLC covered activities are exempt from this provision.

c. **Abandonment of Animals**

Pursuant to Section 12.16.150 of the RPVMC, no person shall willfully abandon any animal on any City-owned property including the Preserve. For the purposes of this section, "willfully abandon" shall not include the release or rehabilitation and release of native California wildlife by persons or agencies so authorized pursuant to State law or regulations of the California Department of Fish and Wildlife (formerly "Fish and Game") or the NCCP.

d. **Fires, Open Flames or Smoking**

In consideration of reducing hazards to human safety, private property, and biological resources as part of the fuel modification program for the Preserve, fires, open flames or smoking is strictly prohibited in the Preserve. Moreover, pursuant to Section 12.16.070 of the RPVMC, no persons shall light or maintain any fire in the Preserve.

e. **Hunting**

According to Section 12.16.110 of the RPVMC, no person shall, by any means, hunt any animal, fowl, fish, amphibian, or reptile on city property, including the Preserve, unless expressly authorized by the City. For the purposes of this Code section, "hunt" shall mean stalk, pursue, catch, capture, kill, or attempt to stalk, pursue, catch, capture or kill.

f. **Motorized vehicles**

Motorized vehicles have the tendency to result in adverse impacts to sensitive environments, such as the Preserve, because of exhaust, dust, soil erosion and sedimentation into local waters, noise and habitat degradation. Disturbance from off-road vehicles can also disrupt breeding activities. For these reasons, off-road vehicle use, except for emergency, law enforcement, utility maintenance, and City or PVPLC vehicles, is not compatible with conservation goals and is prohibited in the Preserve. Moreover, Section 12.16.020 of the RPVMC indicates that no person shall park or operate any motorized vehicle in the Preserve except in designated areas, other than authorized park employees or city agents in performance of their duties.

g. **Paragliding and Parasailing**

According to Section 12.16.045 of the RPVMC no person shall land, release, take off in, or fly in any balloon designed to carry passengers, helicopter, parasail, hang glider, or other aircraft from any city-owned land except in areas specifically set aside therefore or with the express written permission from the city. On April 7, 2009, the City Council reviewed a request to allow paragliding in the Preserve, as

well as the PUMP Committee's recommendation on this activity. After considering all information, including public testimony, the City Council agreed to prohibit paragliding and parasailing in the Preserve.

**h. Motorized or Radio-Controlled Models**

Pursuant to Section 12.16.040, no person shall operate any motorized or radio-controlled model in the Preserve unless written authorization is obtained from the city manager or the city manager's designee.

**i. Reckless Use of Trails**

Pursuant to Section 12.16.130 of the RPVMC, it shall constitute a public nuisance for any person, including pedestrians, equestrians and bicyclists, to use any trail within the Preserve in a reckless manner that demonstrates a wanton disregard for the safety of other human beings or animals or causes injury or harm to others.

**j. Littering**

No person should throw, place or dispose of any refuse, garbage, waste paper, bottles or cans, in any place in the Preserve other than into a garbage can or other receptacle provided for that purpose. In areas that receptacles are not available, the trash should be taken out of the Preserve and properly disposed.

**This page is intentionally blank**

---

## **4. PRESERVE AMENITIES/IMPROVEMENTS**

---

Public access to the Preserve is allowed for passive recreational purposes and to promote the understanding and appreciation of natural resources. The following chapter identifies amenities and improvements intended to enhance the public's experience and recreational use of the Palos Verdes Nature Preserve. The amenities and improvements are consistent with the passive recreational activities that are permitted to take place in the Preserve consistent with the City's NCCP.

### **Overlook Areas and Vista Points**

Overlooks or vista points located in the Preserve are intended to provide trail users with a rest area and an enhanced viewing opportunity of the Preserve, including views of the Pacific Ocean, Catalina Island and the Palos Verdes Coastline. Overlooks and vista points are to be located adjacent to a designated trail to prevent impacts to natural resources that may result from walking off-trail. Overlooks or vista points are improvements that include seating areas and other amenities for the public's use. Seating areas may be in the form of an improved bench, stone seating, or other natural materials. Overlook and vista point areas are to utilize vernacular materials so as to keep with the natural setting of the site, such as decomposed granite and natural stones. Overlooks are typically larger in scale than vista points. The overlooks and vista points may consist of an identification pilaster made of Palos Verdes Stone, a stone clad bench, a low stone clad wall, stone edge paving, and low profile native planting as identified in the Council adopted Rancho Palos Verdes Coast Vision Plan. Interpretive signs may also be located at an overlook or vista point.

The City-owned Preserve properties or portions thereof, along with scenic points within the Preserve may be named after donors who make monetary contributions to the City or PVPLC toward acquisition or management of the Preserve, pursuant to the Preserve Management Agreement between the City and the PVPLC. The following are existing Council approved overlooks and vista points to recognize donors who have contributed significantly towards the acquisition of certain Preserve properties:

- Eagle's Nest
- Ridge east of Del Cerro
- Education Area
- Three sisters Overlook
- Fossil Hill Overlook
- Abalone Cove (along the existing fence line)
- Portuguese Point (at the tip near the Perry Ehlig memorial)
- Overlooking the Educational Area
- Lower Point Vicente

## **Seating Areas**

In addition to providing public seating within overlooks and vista points, benches or other seating may be situated along designated trails. Such seating areas may be improved or unimproved provided that the seating area is designed to blend with the natural environment through the use of natural materials such as wood or stone. Benches should be designed and treated to deter potential vandalism and secured to the ground to prevent unauthorized removal or relocation.

## **Picnic Areas**

Picnics are permitted in the Preserve provided that they do not occur off designated trails. However, designated picnic areas, consisting of grouped benches and tables, are not to be located in the Preserve.

## **Fencing**

Fencing can play an important role in controlling human behavior while visiting the Preserve. Fences aid in defining the boundary lines and access points in the Preserve, deterring off-road vehicles from entering the Preserve, and minimizing impacts (i.e. trespassing) to adjacent neighborhoods. Fencing, however, also can restrict normal wildlife movement and access to food and water, and guide wildlife onto roads. Although fencing should be considered on a case-by-case basis, general guidelines for Preserve fencing are as follows:

- In order to protect the scenic aspects and experience of the preserve, fencing should generally not exceed 3 feet in height except in areas adjacent to private property.
- Fencing may be used to delineate a trail and/or to close areas off from public use, such as restoration areas.
- Fencing should provide adequate barrier to prevent vehicular access to the Preserve, except for through gates to existing access roads intended to provide controlled access for emergency and service vehicles for maintenance purposes.
- The fencing system shall allow a number of convenient and safe pedestrian access points around the perimeter of the preserve.
- Fencing should be constructed of economic and durable material that is marine resistant and will require minimum maintenance. Where possible, fences should be made of natural materials that blend well with the surrounding environment such as post and cable/rope.
- Fencing should be compatible with the scenic, cultural and historical aspects of the surrounding community.
- As set forth in the NCCP (Section 9.2.3/Fencing and Signage), existing fencing inside the Preserve shall be dismantled and no new fencing shall be installed except as necessary to:

- a) Protect particularly sensitive species or habitats. For example, perimeter fencing could be used in habitat linkage areas where Preserve widths are narrower and there is greater exposure to adverse edge effects.
- b) Direct human access away from sensitive resource areas. Efforts to limit human access will involve the use of natural vegetation, topography, signs, and limited fencing.
- c) Protect from natural hazards or other public safety needs.
- d) Design and locate new fences within the Preserve so they do not impede wildlife movement or impact Covered Species.

## **Signs**

Signs educate, provide direction, and promote the sensitive use and enjoyment of natural areas by the visiting public. As identification devices, signs should not subject the public to excessive visual competition, but rather be an appropriate identification device that naturally blends with the surrounding environment and other signs in the Preserve. The use of signs that may attract attention to sensitive species should be used minimally in the Preserve because such signs may invite disturbance of their habitat. Signs should perform the following functions:

The following types of informational and regulatory signs may be located in the Preserve:

- **Trail markers** as informational and identification signs that provide basic trail information to trail users. Trail markers provide identification to the trail ahead, uses allowed and not allowed on the trail route, a directional arrow, and if applicable, the City's trail system (i.e. Palos Verdes Loop Trail). Trail markers should be located at the starting point to a trail, as well as at key trail junctions where trails cross or intersect. In cases where two or more trails intersect, trail markers should be provided to identify each trail.
- **Trailhead signs** at key public access points to provide the name of the Reserve and to identify that Reserve's trail system. Additionally, City regulations should be posted on the Trailhead Sign.
- **Kiosks signs** should be located near main entrances (i.e. those adjacent to public parking areas) and include the name of the preserve/reserve, contact information for law enforcement, and management staff, educational brochures, an overview map of the preserve's trails network, and additional information about trail locations and uses.
- **Temporary signs**, as deemed necessary, may be installed to indicate habitat restoration, erosion-control areas, temporary trail closures, etc.
- **Interpretive signs** may be installed adjacent to trails when necessary to enhance public understanding of the history, geology, wildlife, habitat and special

characteristics of an area. Interpretation should work in service of the visitor and the missions of the governing institutions. Interpretation is meant to increase awareness and understanding, build personal connections, and foster stewardship behaviors that help manage and protect resources.

- **Precautionary “warning signs”** may be installed at designated areas deemed to be hazardous based on concerns pertaining to geologic instability, The City’s Public Works Director and the City’s geotechnical consultants should identify the exact on-site location for each precautionary “warning sign.”

Precautionary “warning signs” relating to the temporary closure of certain trail segments should be posted at strategic and visible locations, pursuant to the City Attorney’s guidance. These signs should feature graphic representations of the potential danger, based on the nature and location of the hazard.

- **Regulatory Signs** may be installed to advise the public of rules and regulations.

### **Sign Installation Process**

Pursuant to the Preserve Management Agreement between the City and the PVPLC, the PVPLC is generally responsible for providing trail information signs while the City is generally responsible for providing entry signs/kiosks and/or warning signs beyond PVPLC’s responsibilities. As determined necessary by the PVPLC, the PVPLC is responsible for the installation or replacement of up to 25 signs per year that provide trail direction and way finding; trail location and identification; donor recognition, trail closure, protection of habitat and species, and geologic, historic features and education. The specifications regarding signs in the Preserve, including their general placement, should be reviewed at the monthly team meetings between the City and the PVPLC prior to installation. Signs that are in a state of disrepair, vandalized, weathered or removed should be repaired immediately by the responsible entity.

Signs that explain the rules of the Preserve (e.g., hiking, bicycle riding and horseback riding) are most effective at public entrance points. Signs for educational nature trails and on roads near wildlife corridors (to reduce road kills) shall be posted at appropriate locations. As set forth in the NCCP (Section 9.2.3/Fencing and Signage), the following recommendations shall be considered in the placement of all Preserve signage:

- a) Provide educational brochures, interpretive kiosks, and signs to educate the public about the resources and goals of the NCCP and Preserve.
- b) Establish signs for access control and education at the periphery of the Preserve that are accessible to individuals. Post signs to prohibit firearms and unleashed pets.
- d) Install signs for educational nature trails.
- e) Limit the use and/or language of signs that might attract attention to sensitive species, because such designation may invite disturbance of their habitat.
- f) Install temporary signs to indicate habitat restoration or erosion-control areas.

- g) Install barriers and informational signs to discourage shortcuts between established trails.
- h) Establish road signs near wildlife corridors to help reduce road kills.
- i) Consider signs denoting reduced speed limits along roads that have relatively high incidence of road killed wildlife.
- j) Include, where appropriate, contact information for law enforcement, and management staff.

### **Lighting**

With the exception of temporary safety or security lighting for NCCP covered activities; lighting shall not be permitted within the Preserve.

### **Drinking Fountains**

Typically, water facilities, such as drinking fountains, are not available within the Preserve because of the lack of utilities. In cases where existing water and sewer lines are available, drinking fountains may be located at certain trailheads. In such cases, the drinking fountains should also include doggie bowls.

### **Bathrooms**

Bathrooms may be located at trailheads within the Preserve or at other appropriate locations that are easily accessible to City maintenance crews.

### **Trash Bins**

As a means of encouraging the public's role in the maintenance of the trails and the surrounding grounds, trash bins should be installed in the Preserve by the City at strategic locations that are accessible to the general public and City maintenance crews. The trash bins shall be wildlife proof and be constructed from materials that blend with the natural terrain and shall be placed at locations that are easily accessible to City maintenance crews. For security reasons, it is recommended that the trash bins are mounted to the ground or chained to a solid structure, such as a sign pole or bench, to prevent tampering. Trash bins should be designed with an enclosure to ensure that trash is not removed by humans or animals.



## 5. IMPLEMENTATION

---

### a. Preserve Management

To ensure that appropriate management practices are put into place, the City's NCCP devotes an entire chapter (Chapter 6) to "Preserve Management". According to the NCCP, the PVPLC is the City's Habitat Manager for the NCCP Preserve. In this role, the PVPLC is responsible for completing specific habitat management and monitoring tasks within the entire Preserve pursuant to the NCCP. The NCCP also delegates various other responsibilities for overall Preserve management to the City and the PVPLC. Pursuant to the Preserve Management Agreement approved by the City Council on November 1, 2011 (see attachment), the City and PVPLC each have the following major responsibilities for managing the Preserve:

- PVPLC Areas of Responsibility
  - Habitat restoration/enhancement (5 acres every year), periodic biotic surveys, invasive plant control and habitat monitoring (annual reports)
  - Installation or replacement of up to 25 signs per year on an as needed basis
  - Fuel modification on PVPLC owned lands
  
- City of RPV Areas of Responsibility
  - Access Control to maintain City gates and other City barriers that prevent/control unauthorized access
  - Waste management on as needed basis, including maintaining and refilling pet waste bag dispensers
  - Public safety (Ranger patrols, City staff or the L.A. County Sherriff) to enforce the City's municipal code
  - Regulatory signage installation and maintenance
  - Maintenance of any roads (i.e. Burma Road)
  - Fuel Modification on City owned lands

A detailed list of specific responsibilities for both the PVPLC and the City is attached to the Management Agreement on file with the City.

### b. Temporary Trail Closures

In cases where the protection of the public interest, health, welfare, or safety occurs, Section 12.16.090 of the RPVMC provides the City Manager or the City Manager's designee the authority to close from public access the Preserve or portion thereof

(including trails) on a temporary and/or permanent basis. This may include seasonal closures to protect wildlife and/or changes in use designations of trails if incompatibility among user groups exists. Likewise, pursuant to the Preserve Management Agreement between the City and the PVPLC, the PVPLC has the ability to recommend that certain trails be closed or designated trail users removed if impacts to habitat are occurring.

**c. Preserve Oversight and Opportunity for Public Involvement**

It is anticipated that public use issues will be encountered and brought to the City's and PVPLC's attention by Preserve users and nearby residents. When public use issues are brought to the PVPLC's attention, the PVPLC will either take the appropriate action to address the issue in accordance with its mandatory or permissive obligations under the Preserve Management Agreement or request the City to take certain action if the issue falls under the City's Preserve responsibilities described above or in the Preserve Management Agreement. If issues are brought to the City's attention directly falls under the City's Preserve responsibilities they will take appropriate action. These issues will be addressed at the monthly team meetings between the City and the PVPLC.

In addition, the PVPLC will use reasonable efforts to ensure public involvement and participation in the management and periodic evaluation of the Preserve. Such efforts may include, but are not limited to, PVPLC's participation in the Annual Report presentation to the City Council; involving members of the community as "keepers" to provide regular monitoring of the Preserve; soliciting public comments through outreach such as comment boxes, mailings, events and workshops; and inclusion of members of the public on committed that the PVPLC may from time to time establish.

**d. Preserve Trail Improvement Projects List**

Working together, the PVPLC and the City may prepare an Annual Preserve Trail Project List that will identify any trail projects in the Preserve planned for the coming year. The Project List will demonstrate how it is consistent with the NCCP and may designate the priority for completing each project ranging between a high and low priority. High priority projects should include, but are not limited to, public safety projects. Projects not completed in the time period specified in the List can be continued on the following year's Project List. The project list is a best attempt at providing projects that may be conducted in the year ahead. However, lack of inclusion on a project list shall not prevent a project from occurring, as it is a permissive activity pursuant to the Management Agreement. The Project List should be submitted at the time the Annual Report, as described above, is submitted to the City for City Council review.

The completion of trail projects as described above will be at the discretion of the City and the PVPLC and will be based on available funding opportunities, such as grants and

volunteer efforts. The majority of work will typically be conducted outside the gnatcatcher breeding season (February 15 through August 31), except for work that will not impact habitat.

**e. Amendments to the PUMP Document**

Pursuant to the NCCP and the Preserve Management Agreement, the City and the PVPLC are responsible for completing any amendments or modifications to the PUMP or any replacements or substitutions of the PUMP. Any amendments to the PUMP must include PVPLC advice on and consent to matters that in the reasonable judgment of the PVPLC impact biological protection, such as open space preservation, habitat preservation and restoration and species protections. The PVPLC will make any recommendations to amend the PUMP document as part of the Annual Report that the PVPLC is required to submit to the City Council every spring. This may also include recommendations to modify use access based on incompatibility with habitat conservation and protection of covered species. Any amendments to the PUMP must be approved by the City Council and the Wildlife Agencies per the NCCP (See Section 6.0), and take into account impacts to biological protection, such as open space preservation, habitat preservation and restoration and species protection.

