

**Final Environmental Assessment
Title Transfer of a Federally-Owned
Water Distribution System to the
Carpinteria Valley Water District**

Prepared by:

**Padre Associates, Inc.
5450 Telegraph Road, Suite 101
Ventura, California 93003
(805) 644-2220**

on behalf of:

**United States Department of the Interior
Bureau of Reclamation
South-Central California Area Office
2666 North Grove Industrial Drive, Suite 106
Fresno, California 93727
(559) 487-5127**

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padre
associates, inc.
ENGINEERS, GEOLOGISTS &
ENVIRONMENTAL SCIENTISTS



Finding of No Significant Impact
and
FINAL ENVIRONMENTAL ASSESSMENT

for

**Title Transfer of a Federally-Owned
Water Distribution System to the
Carpinteria Valley Water District.
EA Number 00-33.**

Prepared by

UNITED STATES DEPARTMENT OF THE INTERIOR

**Bureau of Reclamation
South-Central California Area Office
1243 N Street**

FRESNO, CALIFORNIA 93721

(559) 487-5127

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

FINDING OF NO SIGNIFICANT IMPACT

APPROVAL OF TITLE TRANSFER OF A FEDERALLY-OWNED WATER
DISTRIBUTION SYSTEM TO THE CARPINTERIA VALLEY WATER DISTRICT

In accordance with the section 102 (2) C of the National Environment Policy Act (NEPA) of 1969, as amended, the Area manager of the South-Central California Area Office of the U.S. Bureau of Reclamation (Reclamation), has determined that the proposed action will not significantly affect the quality of the human environment. Furthermore, an environmental impact statement is not required. This Finding of No Significant Impact is supported by the attached Environmental Assessment, Number 00-33, *Title Transfer of a Federally-Owned Water Distribution System to the Carpinteria Valley Water District*, dated August 30, 2000, and is hereby incorporated by reference.

Implementing the proposed action would result in a transfer of ownership of an existing water distribution system from the Department of the Interior, Bureau of Reclamation (Bureau) to the Carpinteria Valley Water District (CVWD). This service infrastructure is already located within CVWD boundaries and is currently operated and maintained by the CVWD. Reclamation has determined that implementation of the project is neither president setting, highly controversial, nor an action usually requiring an Environmental Impact Statement.

This finding is supported by the following reasons:

1. **Air Quality:** The project would not involve any activities that would create air pollutant emissions or adversely impact air quality. Therefore, no effects will occur.
2. **Water Quality/Flooding:** No alterations to water use or wastewater generation would result from the project. The project would not result in any activities that would influence surface or groundwater flow, nor introduce any structures into a flood hazard area. Additionally, there are no elements of the project that would influence water quality. Therefore, no effects will occur.
3. **Public Facilities/Solid Waste:** The project does not involve any new physical modification or expansion of the service infrastructure that would create a direct or indirect demand for public services. Therefore, no impacts upon public facilities/solid waste management will result.
4. **Land Use:** No changes to existing land uses are proposed. Therefore, the project will not affect land uses and no impacts upon land use will result.
5. **Transportation/Circulation:** The project does not involve any new physical modification or expansion of the service infrastructure that would generate additional

traffic or otherwise influence transportation systems. Therefore, no impacts upon transportation/circulation will result.

6. **Natural Environment:** The project does not involve any new physical modification or expansion of the service infrastructure that would affect either plants, animals, or their habitat. Additionally, the U.S. Fish and Wildlife Service has made a "no effect" determination for this project. Therefore, no impacts upon the natural environment will result.
7. **Environmental Justice and Population:** The project does not involve any new physical modification or expansion of the service infrastructure that would affect neighborhoods or individual residents. Therefore, no impacts regarding environmental justice and human population will occur.
8. **Construction:** The project does not involve any new physical modification or expansion of the service infrastructure or other construction. Therefore, no impacts upon air quality, water quality, noise levels, solid waste disposal, soil erosion, or siltation resulting from construction will result.
9. **Energy:** The project does not involve any new physical modification or expansion of the service infrastructure that could increase demand upon existing sources of energy. The project will not require the development or extension of new sources of energy or the use of energy conservation measures. Therefore, no effects will occur.
10. **Noise Abatement and Control:** No activities that would generate noise, nor introduction of noise sensitive uses into noisy environments would result from the project. Therefore, no impacts upon noise abatement and control will result.
11. **Explosive/Flammable Operations:** The project does not involve any new physical modification or expansion of the service infrastructure, and will not expose people or buildings to any explosive or flammable fuels or chemicals. Therefore, no impacts associated with their use or presence will result.
12. **Toxic, Chemical and Radioactive Materials:** No uses of hazardous materials are proposed nor would the project expose people to existing toxic, chemical, or radioactive material. Therefore, no impacts resulting from toxic, chemical, or radioactive materials will occur.
13. **Geologic Processes:** No activities that would alter earth conditions are proposed. Therefore, no impacts upon or resulting from geologic processes will occur.
14. **Cultural Resources:** No known historic properties are present on the lands owned or controlled by the Bureau of Reclamation. Historic properties are present on easement lands. The historic properties present on easement lands may be on or eligible for listing on the National Register of Historic Places. However, the Bureau's easements possess only the right of use of the land and that right of use extends only to the extent necessary to provide the actual benefit intended by the easement. The lands underlying the Bureau's CVWD distribution system easements are not under the direct or indirect jurisdiction of the Bureau and are not under the Bureau's

ownership or control. The project does not involve any new physical modification or expansion of the service infrastructure that could alter, disrupt, disturb, or destroy any archaeological or historic resources that may be present within the CVWD's service area. Therefore, no effects will occur.

15. Ethnic Resources: The project does not involve any new physical modification or expansion of the service infrastructure that would have the potential to adversely affect ethnic resources or activities. Therefore, no impacts upon ethnic resources will occur.
16. Fire Protection: The project does not involve any new physical modification or expansion of the service infrastructure, or any other development that could increase demand for fire protection services, create a fire hazard, or interfere with fire protection response. Therefore, the proposed project will have no impact on fire protection.
17. Recreation: The project does not involve any new physical modification or expansion of the service infrastructure, and will not conflict with any recreational uses of the area, or impact the quality or quantity of existing recreational opportunities. Therefore, no impacts on recreation will result.
18. Aesthetic and Visual Resources: The project does not involve any new physical modification or expansion of the service infrastructure, and will not obstruct or change any aesthetic or visual resources in the area. Therefore, the proposed project will have no impact on aesthetic or visual resources.
19. Housing: The project does not involve any new physical modification or expansion of the service infrastructure, and will not displace any current residents or cause the loss of affordable dwellings through demolition, conversion, or removal. Therefore, the proposed project will have no impact on housing.
20. Threatened and Endangered Species: The project will not affect any species listed under the Endangered Species Act as endangered or threatened. Therefore, no effects will occur.
21. Indian Trust Assets: There are no Indian Trust Assets within the project area. Therefore, no effects will occur.

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Comments on the Draft Environmental Assessment

California Department of Fish and Game Natural Diversity Data Base
Search Results for the Carpinteria and White Ledge Peak Quads

ENVIRONMENTAL ASSESSMENT

TITLE TRANSFER OF A FEDERALLY-OWNED WATER DISTRIBUTION SYSTEM TO THE CARPINTERIA VALLEY WATER DISTRICT

1.0 PROJECT DESCRIPTION AND PROJECT NEED STATEMENT

1.1 PROPOSED PROJECT

The proposed project is a transfer of ownership of an existing water distribution system from the Department of the Interior, Bureau of Reclamation (Bureau) to the Carpinteria Valley Water District (CVWD). This service infrastructure is already located within CVWD boundaries and is currently operated and maintained by the CVWD. The Bureau-owned distribution system is a compilation of 2-10" diameter or greater pipelines, end drains, pressure relief valves, air and vacuum valves, regulators, division gates, pump stations located throughout the CVWD's current boundaries, the 50,000-gallon Shepherd Mesa tank and the approximately 500,000-gallon Gobernador Reservoir (see Figure 1). The water distribution system totals approximately 36 miles in length. The project is a proposed title transfer of a federally owned distribution system to the CVWD that includes all currently existing modifications to the federal system lands and properties. The transfer also includes rights-of-way, easements, and fences appurtenant to the distribution system. The project, however, does not involve any new physical modification or expansion of the service infrastructure. In addition, two parcels that are currently owned by the Bureau are also being proposed for transfer to the District. These parcels are the sites of the Shepherd Mesa Pump and Gobernador Reservoir. Their respective Assessor's Parcel Numbers are: (APN) 001-120-002 and APN 155-200-034. The acreage for these parcels is 0.06 acres and 1.2 acres respectively. Both parcels are in the northeastern quadrant of the District.

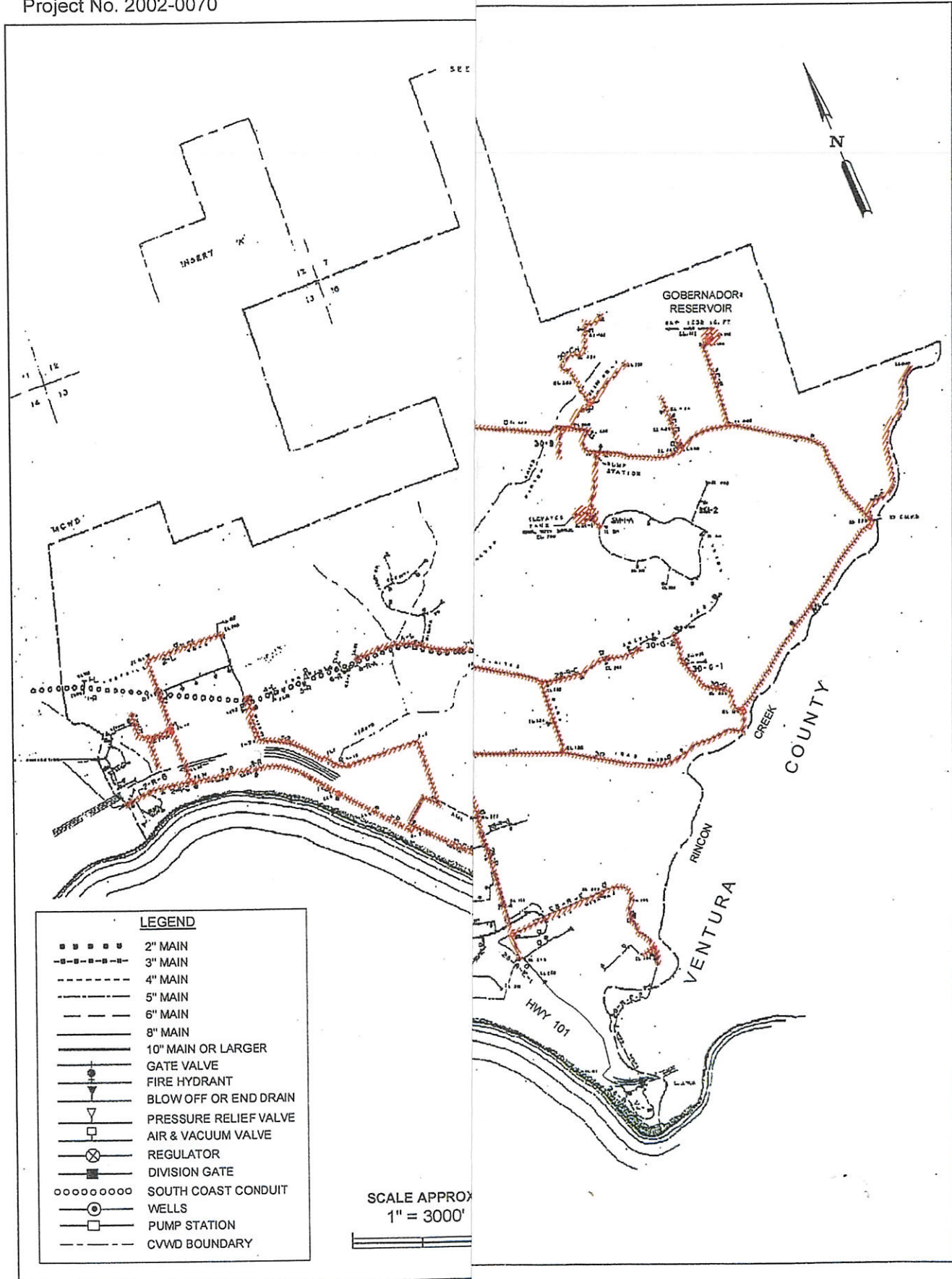
1.2 PURPOSE AND NEED STATEMENT

The purpose of the proposed project is to simplify the operation and maintenance of the service distribution system by reducing unnecessary paperwork and consultation between two agencies. The National Environmental Protection Act (NEPA) requires the full disclosure of the environmental impacts, alternatives, potential mitigation, and environmental compliance procedures of federal actions. This Environmental Assessment has been prepared to provide NEPA compliance.

2.0 PRIMARY BENEFICIARIES AND RELATED ACTIVITIES

The primary beneficiaries of the proposed project are the Carpinteria Valley Water District and the Bureau of Reclamation. The CVWD will benefit by reducing costs, time, and paperwork associated with consultation with the Bureau, regarding operation and maintenance of the service distribution system. The Bureau will also benefit by reducing costs, time, and

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LEGEND

-----	2" MAIN
- - - - -	3" MAIN
-----	4" MAIN
-----	5" MAIN
-----	6" MAIN
-----	8" MAIN
-----	10" MAIN OR LARGER
⊙	GATE VALVE
⊙	FIRE HYDRANT
⊙	BLOW OFF OR END DRAIN
▽	PRESSURE RELIEF VALVE
□	AIR & VACUUM VALVE
⊗	REGULATOR
■	DIVISION GATE
○○○○○○○○	SOUTH COAST CONDUIT
⊙	WELLS
□	PUMP STATION
-----	CVWD BOUNDARY

SCALE APPROX
 1" = 3000'

paperwork associated with overseeing the operation and maintenance of the service distribution system and by eliminating the requirement of inspecting the system once every three years.

In order for the proposed project described herein to be implemented, the NEPA process must be completed, and the project approved by both the Bureau and CVWD. Additionally, the U.S. Congress will need to authorize approval of the project.

3.0 PROJECT LOCATION AND DESCRIPTION OF THE PROJECT AREA

The proposed project is located in the Carpinteria Valley, in the southeastern corner of Santa Barbara County, California (see Figure 1). The water distribution system serves the City of Carpinteria and outlying unincorporated areas. The City of Carpinteria is located on a flat, narrow coastal terrace and can be described as a small, rural beach town. The City is bordered by the shoreline of the Santa Barbara Channel to the south and the steeply rising Santa Ynez Mountains to the north. Highway 101 and the Union Pacific Rail Road pass through the City, which is located approximately halfway between the City of San Buenaventura to the east and the City of Santa Barbara to the west.

Site Information	
Land Use Designation	The Carpinteria Valley consists of many land uses ranging from residential, commercial, recreation open space, to light industrial.
Zoning District, Ordinance	The Carpinteria Valley consists of many land uses ranging from residential, commercial, recreation open space, to light industrial.
Service Area	Serves approximately an area totaling 9,205 acres.
Surrounding Uses/Zoning	<i>North:</i> Santa Ynez Mountains <i>South:</i> Pacific Ocean <i>East:</i> Ventura County <i>West:</i> Summerland
Sensitive Areas	The El Estero Marsh, several local watersheds, coastal bluffs, and pristine coastland.
Annual precipitation and seasonal weather patterns.	Mediterranean climate characterized by warm, dry summers and cooler, relatively damp winters. Precipitation averages between 10-18 inches/year.
Access	General access to the project area is provided by U.S. 101.
Public Services	<i>Water Supply:</i> Carpinteria Valley Water District <i>Sewage:</i> Carpinteria Sanitary District <i>Fire:</i> Carpinteria-Summerland Fire Protection District <i>Police:</i> Santa Barbara County Sheriff Department-Carpinteria substation

4.0 ENVIRONMENTAL IMPACTS

The following checklist indicates the potential level of impact and is abbreviated as follows:

- Known Signif.: Known significant environmental impacts.
- Unknown Poten. Signif.: Unknown potentially significant impacts which need further review to determine significance level.
- Poten. Signif. and Mitig.: Potentially significant impacts which can be mitigated to less than significant levels.
- Not Signif.: Impacts which are not considered significant.
- No Impact: No impacts will result.

4.1 AIR QUALITY:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. The violation of any ambient air quality standard, a substantial contribution to an existing or projected air quality violation including, CO hotspots, or exposure of sensitive receptors to substantial pollutant concentrations (emissions from direct, indirect, mobile and stationary sources)?					X
b. Is the project located within an "attainment" or "non-attainment" area? If in a "non-attainment area, does the project conform with the EPA approved State Implementation Plan?					X
c. The creation of objectionable smoke, ash or odors?					X
d. Extensive dust generation?					X

Setting:

The project site is located within the Santa Barbara Air Pollution Control District and is part of the South Central Coast Air Basin. Air pollutants in the project area are emitted from a mix of "mobile sources" and "stationary sources." Mobile sources are motor vehicles, including cars, trucks, trains, and, construction vehicles. Stationary sources include oil wells, gas flaring facilities, gas burning appliances, fireplaces, evaporation from organic solvents, pesticides, and paints. Windblown dust and soil materials also contribute to air pollution. Common air pollutants include volatile organic compounds (VOC), oxides of nitrogen (NO_x), ozone (O₃), particulate matter, carbon monoxide (CO), oxides of sulfur (SO_x), and toxic air emissions such as lead. Santa Barbara County is classified as being in non-attainment for ozone (state and federal guidelines) and PM₁₀ (federal guidelines).

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure. Therefore, no impacts to air quality will result from the proposed action.

Mitigation and Residual Impact:

Because there will be no impacts upon air quality, no mitigation measures are necessary, nor will there be any residual impact.

4.2 WATER QUALITY/FLOODING:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Changes in currents, or the course or direction of water movements, in either marine or fresh waters?					X
b. Changes in percolation rates, drainage patterns or the rate and amount of surface water runoff?					X
c. Change in the amount of surface water in any water body?					X
d. Discharge into surface waters, or alteration of surface water quality, including but not limited to temperature, dissolved oxygen, turbidity, or thermal water pollution (e.g., eutrophication)?					X
e. Alterations to the course or flow of flood waters, or need for private or public flood control projects?					X
f. Exposure of people or property to water related hazards such as flooding (placement of project in 100 year flood plain), accelerated runoff or tsunamis?					X
g. Alteration of the direction or rate of flow of groundwater?					X
h. Change in the quantity of groundwaters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations or recharge interference?					X
i. Overdraft or overcommitment of any groundwater basin? Or, a significant increase in the existing overdraft or overcommitment of any groundwater basin?					X
j. The substantial degradation of groundwater quality including saltwater intrusion?					X
k. Substantial reduction in the amount of water otherwise available for public water supplies?					X

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
l. Is the project or the project's affected area over a designated sole source aquifer? If so, document consultation with EPA.					X
m. Impacts to water or wastewater treatment facilities?					X
n. Is the project consistent with state and regional water quality standards?					X

Setting:

The project site is within the jurisdiction of the Central Coast Regional Water Quality Control Board. Surface waters in the area include the Pacific Ocean, El Estero Marsh, Carpinteria Creek, Franklin Creek, and Santa Monica Creek. The City of Carpinteria and outlying unincorporated areas obtain water through the CVWD. Lake Cachuma is the CVWD's primary water source during normal periods of rainfall and atypical periods of rainfall (e.g., drought). CVWD also operates four wells within the Carpinteria Ground Water Basin as a water source, and holds an entitlement to water from the State Water Project.

CVWD's service area covers approximately 9,205 acres, of which the City of Carpinteria occupies approximately 1,507 acres. As of January 1998, CVWD's service area includes a population of approximately 16,200 persons. (CVWD, 1998). Agricultural operations use the majority of the water supplied by CVWD. Urban water demand is created by residential, commercial, industrial, and governmental uses.

Wastewater collection and treatment services are provided to the City and outlying areas by the Carpinteria Sanitation District (CSD). The CSD wastewater treatment plant provides secondary treatment of sewage effluent. Treated sewage is discharged to the ocean through an outfall pipe, which extends approximately 800 feet offshore and is capped at its end point. The last 40 to 50 feet of the out fall pipe are perforated to allow the release of treated effluent, which is released in approximately 25 feet of water.

The CSD plant was recently upgraded with modern treatment equipment, and has a permitted capacity of 2.0 million gallons of effluent per day (mgd). Currently, dry weather inflow into the treatment plant averages approximately 1.6 mgd.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure. No alterations to water use or wastewater generation would result from the project. The project would not result in any activities that would influence surface or groundwater flow, nor introduce any structures into a flood hazard area. Additionally, there are no elements of the project that would influence water quality.

Mitigation and Residual Impact:

Because there will be no impacts upon water quality/flooding, no mitigation measures are necessary, nor will there be any residual impact.

4.3 PUBLIC FACILITIES/SOLID WASTE MANAGEMENT:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. A need for new or altered police protection and/or health care services?					X
b. Student generation exceeding school capacity?					X
c. Significant amounts of solid waste or breach any national, state, or local standards or thresholds relating to solid waste disposal and generation (including recycling facilities and existing landfill capacity)? (List types and quantities of waste to be generated)					X
d. Will there be disposal of hazardous waste?					X
e. A need for new or altered sewer system facilities (sewer lines, lift-stations, etc.)?					X

Setting:

Waste collection and disposal are operated on a free market system. As such, the City is free to contract with the waste hauler of its choice, which is free to haul waste to any of a number of landfills. Currently, the E.J. Harrison and Sons, Inc., (Harrison) are contracted for the hauling of all non-hazardous solid waste produced by residential, commercial, and industrial land uses in Carpinteria. The City's non-hazardous solid waste is taken by Harrison to the Gold Coast Recycling facility in Ventura. Recyclable waste is sorted out, and non-recyclable waste is loaded back onto trucks and hauled to a landfill. Waste from Carpinteria is currently hauled to the Toland Landfill, located in Ventura County between the cities of Fillmore and Santa Paula. The Toland Landfill has a projected remaining capacity of between 25 and 30 years (Chiarodit, personal communication, August 1999). Other public facilities/services and the provider are listed below.

Public Facilities/Services	Service Provider
Water Service	Carpinteria Valley Water District
Wastewater Collection and Treatment	Carpinteria Sanitation District
Solid Waste Collection and Disposal	E.J Harrison and Sons, Inc. (non-hazardous)
Police Protection	Santa Barbara County Sheriff Department - Carpinteria substation
Fire Protection	Carpinteria-Summerland Fire Protection District
Public Schools	Aliso Elementary School (grades 3-5) Canalino Elementary School (grades K-2) Main Elementary School (grades 3-5) Carpinteria Middle School (grades 6-8) Carpinteria High School (grades 9-12)

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure that would create a direct or indirect demand for public services. Therefore, no impacts upon public facilities/solid waste management will result.

Mitigation and Residual Impact:

Because there will be no impacts upon public facilities/solid waste management, no mitigation measures are necessary, nor will there be any residual impact.

4.4 LAND USE:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Structures and/or land use incompatible with existing land use? What effect will there be on existing land uses?					X
b. The induction of substantial growth or concentration of population?					X
c. The extension of sewer trunk lines or access roads with capacity to serve new development beyond this proposed project?					X
d. The conversion of prime agricultural land to non-agricultural use, impairment of agricultural land productivity (whether prime or non-prime), or conflict with agricultural preserve programs?					X
e. An effect upon any unique or other farmland of State or Local Importance?					X
f. The loss of a substantial amount of open space?					X

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
g. An economic or social effect that would result in a physical change? (i.e., Closure of a freeway ramp results in isolation of an area, businesses located in the vicinity close, neighborhood degenerates, and buildings deteriorate. Or, if construction of new freeway divides an existing community, the construction would be the physical change, but the economic/social effect on the community would be the basis for determining that the physical change would be significant.)					X
h. Conflicts with adopted airport safety zones (including FAA-designated civilian airport Runway Clear Zone, or military airfield Clear Zone or Accident Potential Zone based upon information from the airport administrator designating such zones)?					X
i. Will the project be consistent with land use and zoning regulations?					X
j. Will the project result in the loss, interference, disruption and/or closure of any recreational or open space?					X

Setting:

Land use designations within the project area consist of residential, general commercial, general industrial, coastal dependent industrial, research/development industrial, public facility, open space/recreation, and agriculture.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure. No changes to existing land uses are proposed. Therefore, the project will not affect land uses and no impacts upon land use will result.

Mitigation and Residual Impact:

Because there will be no impacts upon land use, no mitigation measures are necessary, nor will there be any residual impact.

4.5 TRANSPORTATION/CIRCULATION:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Generation of substantial additional vehicular movement (daily, peak-hour, etc.) in relation to existing traffic load and capacity of the street system?					X
b. A need for private or public road maintenance, or need for new road(s)?					X
c. Effects on existing parking facilities, or demand for new parking?					X
d. Substantial impact upon existing transit systems (e.g. bus service) or alteration of present patterns of circulation or movement of people and/or goods?					X
e. Alteration to waterborne, rail or air traffic?					X
f. Increase in traffic hazards to motor vehicles, bicyclists or pedestrians (including short-term construction and long-term operational)?					X
g. Inadequate sight distance?					X
ingress/egress?					X
general road capacity?					X
emergency access?					X

Setting:

The primary method of transportation within the project area is by automobile. Surface streets are widely distributed throughout the Carpinteria Valley. There is very little congestion in the area and major surface streets are equipped with necessary safety features such as traffic lights, stop signs, navigation aids, etc.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure that would generate additional traffic or otherwise influence transportation systems. Therefore, no impacts upon transportation/circulation will result.

Mitigation and Residual Impact:

Because there will be no impacts upon transportation/circulation, no mitigation measures are necessary, nor will there be any residual impact.

4.6 NATURAL ENVIRONMENT:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. A loss or disturbance to a unique, rare or threatened plant community?					X
b. A reduction in the numbers or restriction in the range of any unique, rare or threatened species of plants?					X
c. A reduction in the extent, diversity, or quality of native vegetation (including brush removal for fire prevention and flood control improvements)?					X
d. An impact on non-native vegetation whether naturalized or horticultural if of habitat value?					X
e. The loss of healthy native specimen trees?					X
f. Introduction of herbicides, pesticides, animal life, human habitation, non-native plants, or other factors that would change or hamper the existing habitat?					X
g. A reduction in the numbers, a restriction in the range, or an impact to the critical habitat of any unique, rare, threatened, or endangered species of animals?					X
h. A reduction in the diversity or numbers of animals onsite (including mammals, birds, reptiles, amphibians, fish or invertebrates)?					X
i. A deterioration of existing fish or wildlife habitat (for foraging, breeding, roosting, nesting, etc.)?					X
j. Introduction of barriers to movement of any resident or migratory fish or wildlife species?					X
k. Introduction of any factors (light, fencing, noise, human presence and/or domestic animals) which could hinder the normal activities of wildlife?					X

Setting:

The project area consists of many diverse natural habitats and supports an abundance of flora and fauna. The Santa Ynez Mountains and foothills, coastal valleys, coastal bluffs, marshes, and marine environment all add to the natural element of the area. The area supports a wide range of vegetation and is home to many birds, reptiles, amphibians, mammals, and marine species.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure that would affect either plants, animals, or their habitat.

Additionally, the U.S. Fish and Wildlife Service has made a "no effect" determination for this project. Therefore, no impacts upon the natural environment will result.

Mitigation and Residual Impact:

Because there will be no impacts upon the natural environment, no mitigation measures are necessary, nor will there be any residual impact.

4.7 ENVIRONMENTAL JUSTICE AND HUMAN POPULATION:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. A direct or indirect effect on low income or minority residents?					X
b. An effect on a neighborhood that suffers from adverse human health or environmental conditions?					X
c. An effect on nearby or adjacent neighborhoods that are predominantly low income or minority?					X
d. A beneficial effect by employing or serving a clientele of predominantly low income or minority persons at the project site?					X
e. A relocation of persons?					X
f. An impact on nearby residents or changes in demographics?					X

Setting:

According to the State of California Department of Finance, Carpinteria had an estimated population of 13,747 as of January 1, 1990, and 14,878 as of January 1, 1998. As such, the City's population rose by an estimated 1,131 persons in the eight year period between 1990 and 1998, or by approximately 8 percent. This corresponds to an average annual growth rate of approximately 1 percent.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure that would affect neighborhoods or individual residents. Therefore, no impacts regarding environmental justice and human population will occur.

Mitigation and Residual Impact:

Because there will be no impacts upon environmental justice and human population, no mitigation measures are necessary, nor will there be any residual impact.

4.8 CONSTRUCTION:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Construction impacts on air quality, water quality, noise levels, solid waste disposal soil erosion and siltation?					X

Setting:

A construction setting is not applicable to the proposed project.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure or other construction. Therefore, no impacts upon air quality, water quality, noise levels, solid waste disposal, soil erosion, or siltation resulting from construction will result.

Mitigation and Residual Impact:

Because there will be no impacts on air quality, water quality, noise levels, solid waste disposal, soil erosion, or siltation resulting from construction, no mitigation measures are necessary, nor will there be any residual impact.

4.9 ENERGY IMPACTS:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Substantial increase in demand, especially during peak periods, upon existing sources of energy?					X
b. Requirement for the development or extension of new sources of energy?					X
c. The use of energy conservation measures?					X

Setting:

An energy setting is not applicable to the proposed project.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system

lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure that could increase demand upon existing sources of energy. The project will not require the development or extension of new sources of energy or the use of energy conservation measures. Therefore, no impacts upon energy will result.

Mitigation and Residual Impact:

Because there will be no impacts on energy use or demand, no mitigation measures are necessary, nor will there be any residual impact.

4.10 NOISE ABATEMENT AND CONTROL:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Long-term exposure of people to noise levels exceeding thresholds (e.g. locating noise sensitive uses within the line of site. of an arterial roadway or railroad or an airport that would have an ambient noise level of greater than 65 LDN based on the Housing and Urban Development (HUD) Noise Assessment Guide (NAG)?					X
b. Short-term exposure of people to noise levels exceeding thresholds?					X
c. Project-generated substantial increase in the ambient noise levels for adjoining areas (either day or night)?					X

Setting:

Noise is generally defined as unwanted or objectionable sound. The dominant noise sources heard in the project area are traffic along U.S. 101 and other major surface streets, railroad traffic, industrial operations, residential activity, birds, surf, wind, and occasional air traffic. Land uses that are especially sensitive to noise include residences, schools, libraries, day-care, parks, hotels, hospitals, and rest homes.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure. No activities that would generate noise, nor introduction of noise sensitive uses into noisy environments would result. Therefore, no impacts upon noise abatement and control will result.

Mitigation and Residual Impact:

Because there will be no impacts on noise abatement and control, no mitigation measures are necessary, nor will there be any residual impact.

4.11 EXPLOSIVE FLAMMABLE OPERATIONS:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. The exposure of people or buildings to any above-ground explosive or flammable fuels, or chemicals containers? (If necessary mitigate the hazard per 24 CFR 51.205) with the construction of a barrier with adequate size and strength to protect the project from the explosive or flammable hazard.					X

Setting:

There are operations in the project area, which use explosive or flammable materials. These include an oil and gas processing facility, and several local gas stations. However, the presence of these operations does not pertain to the proposed project.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure, and will not expose people or buildings to any explosive or flammable fuels or chemicals. Therefore, no impacts associated with their use or presence will result.

Mitigation and Residual Impact:

Because there will be no impacts resulting from explosive or flammable fuel or chemicals, no mitigation measures are necessary, nor will there be any residual impact.

4.12 TOXIC, CHEMICAL, AND RADIOACTIVE MATERIALS:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. New development for habitation within one mile of a National Priority List (NPL Superfund) site; or within 2,000 feet of a CERCLIS site; or adjacent to any other known or suspected sites contaminate with toxic, radioactive, or hazardous materials (unless a federal, state or local authoritative source determines the site does not pose a health hazard)?					X
b. In the known history of this property, have there been any past uses, storage, or discharge of hazardous materials? Examples of hazardous materials include, but are not limited to, fuel or oil stored in underground tanks, pesticides, solvents, or other chemicals? (If the project involves property acquisition, include the results of a Phase I Environmental Site Assessment)					X
c. Will the <u>proposed</u> project involve the use, storage, or distribution of hazardous or toxic materials?					X
d. A risk of an explosion or the release of hazardous substances (including, but not limited to oil, gas, biocides, bacteria, pesticides, chemicals or radiation) in the event of an accident or upset conditions?					X
e. Possible interference with an emergency response plan or an emergency evacuation plan?					X
f. The creation of a potential public health hazard?					X
g. Public safety hazards (e.g., due to development near existing chemical or industrial activity, producing oil wells, toxic disposal sites, etc.)?					X
h. Exposure to hazards from oil or gas pipelines or oil well facilities?					X
i. The contamination of a public water supply?					X

Setting:

Significant sources of radioactive materials are absent from the project area (e.g., nuclear power, weapons stations, etc.). There are operations in the project area, which use toxic or chemical materials. These include an oil and gas processing plant, Clean Seas, nurseries, gas stations, a hazardous material recycling center, and an industrial center.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion

of the service infrastructure. No uses of hazardous materials are proposed nor would the project expose people to existing toxic, chemical, or radioactive material. Therefore, no impacts resulting from toxic, chemical, or radioactive materials will occur.

Mitigation and Residual Impact:

Because there will be no impacts related to toxic, chemical, or radioactive materials, no mitigation measures are necessary, nor will there be any residual impact.

4.13 GEOLOGIC PROCESSES:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Exposure to or production of unstable earth conditions such as landslides, earthquakes, liquefaction, soil creep, mudslides, ground failure (including expansive, compressible, collapsible soils), or similar hazards?					X
b. Disruptions, displacements, compaction or overcovering of the soil by cuts, fills, or extensive grading?					X
c. Permanent changes in topography?					X
d. The destruction, covering or modification of any unique geologic, paleontologic, or physical features?					X
e. Any increase in wind or water erosion of soils, either on or off the site?					X
f. Changes in deposition or erosion of beach sands or dunes, or changes in siltation, deposition or erosion which may modify the channel of a river, or stream, or the bed of the ocean, or any bay, inlet or lake?					X
g. The placement of septic disposal systems in impermeable soils with severe constraints to disposal of liquid effluent?					X
h. Extraction of mineral or ore?					X
i. Excessive grading on slopes of over 20%?					X
j. Sand or gravel removal or loss of topsoil?					X
k. Vibrations, from short-term construction or long-term operation, which may affect adjoining areas?					X
l. Excessive spoils, tailings or over-burden?					X

Setting:

The Carpinteria Valley was formed during the Pleistocene (within the last 2-million years, which geologically is relatively recent) and contains up to 4,000 feet of interbedded sediments. Faults in the regional area include the active Red Mountain fault and the potentially active Arroyo Parida fault system, Carpinteria fault, Holloway fault, Rincon Creek fault, and one unnamed fault.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure. No activities that would alter earth conditions are proposed. Therefore, no impacts upon or resulting from geologic processes will occur.

Mitigation and Residual Impact:

Because the proposed project will not be subject to any impacts resulting from geologic hazards, no mitigation measures are necessary, nor will there be any residual impact.

4.14 CULTURAL RESOURCES - ARCHAEOLOGICAL AND HISTORIC RESOURCES:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Disruption, alteration, destruction, or adverse effect on a recorded prehistoric or historic archaeological site?					X
b. Disruption or removal of human remains?					X
c. Increased potential for trespassing, vandalizing, or sabotaging archaeological resources?					X
d. Ground disturbances in an area with potential cultural resource sensitivity based on the location of known historic or prehistoric sites?					X
e. Adverse effect as defined by the Advisory Council on Historic Preservation regulations (36 CFR Part 800, Section 800.9 (b)) on historic properties on or eligible for listing on the National Register of Historic Places (as defined by 36 CFR Section 60.4)?					X
f. Adverse physical or aesthetic impacts on a structure or property at least 50 years old and/or of historic or cultural significance to the community, state or nation other than those on or eligible for listing on the National Register of Historic Places?					X
g. Beneficial impacts to an historic resource by providing rehabilitation, protection in a conservation/open easement, etc.?					X

Setting:

The project area lies within the historic territory of the Native American group known as the Chumash. The Chumash occupied the region from San Luis Obispo to Malibu Canyon on the coast, inland as far as the western edge of the San Joaquin Valley, and the four northern Channel Islands. The Chumash are subdivided into factions based on six distinct dialects: Barbareño, Ventureño, Purisimeño, Ynezeño, Obispeño, and Island. Carpinteria is located within historic Barbareño territory.

There are many structures at least 50 years or older within the Carpinteria Valley. Many of these structures have a Victorian style. These resources are spread throughout the CVWD's service boundaries.

A record search for archaeological sites, historic properties and previous cultural resources studies conducted by the Central Coast Information Center in January 2000 identified 24 recorded archaeological resource sites and no historic properties within CVWD's boundaries. A total of 62 cultural resources studies are documented to have been conducted within the District's boundaries. The recorded sites are mostly concentrated near the City of Carpinteria and Rincon Point.

The National Historic Preservation Act requires that the heads of all Federal agencies shall assume responsibility for the preservation of historic properties which are owned or controlled by their agency. Historic properties are considered to include all properties listed in the National Register and to properties meeting eligibility criteria specified in 36 CFR Section 60.4¹. Because the transfer of federally-owned historic properties to a non-federal entity is considered an adverse effect, it is important to acknowledge the presence of such historic properties on federally-owned lands. The Central Coast Information Center records search mapped results were compared to the distribution system map. Based upon this comparison, no known historic properties are present on the lands owned or controlled by the Bureau of Reclamation. Historic properties are present on easement lands. The historic properties present on easement lands may be on or eligible for listing on the National Register of Historic Places. However, the Bureau's easements possess only the right of use of the land and that right of use extends only to the extent necessary to provide the actual benefit intended by the easement. The lands underlying the Bureau's CVWD distribution system easements are not under the direct or indirect jurisdiction of the Bureau and are not under the Bureau's ownership or control.

The CVWD distribution system does not meet any of the criteria for listing on the National Register of Historic Places (criterion A, B, C, or D). Additionally, the system is less than 50 years old.

¹ Department of the Interior regulations describe the National Register criteria for listing in 36 CFR Section 60.4 as follows. The quality of significance in American History, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and that a) are associated with events that have made a significant contribution to the broad patterns of our history; or b) that are associated with the lives of persons significant in our past; or c) that embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant distinguishable entity whose components may lack individual distinction; or d) that have yielded or may be likely to yield information important in history or prehistory.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure that could alter, disrupt, disturb, or destroy any archaeological or historic resources that may be present within the CVWD's service area.

As indicated above, the distribution system does not include any federally-owned lands with identified historic resources. Therefore, no transfer of federally-owned historic properties to a non-federal agency would occur and no adverse effects to historic resources would result.

Mitigation and Residual Impact:

Because the proposed project will have no impact on archaeological or historic resources, no mitigation measures are necessary, nor will there be any residual impact.

4.15 ETHNIC RESOURCES:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Disruption of or adverse effects upon a prehistoric or historic archaeological site or property of historic or cultural significance to a community or ethnic group?					X
b. Increased potential for trespassing, vandalizing, or sabotaging ethnic, sacred, or ceremonial places?					X
c. The potential to conflict with or restrict existing religious, sacred, or educational uses of the area?					X

Setting:

The Carpinteria Valley has been inhabited by many different ethnic groups over time. See also the setting discussion provided in 4.14 above.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure that would have the potential to adversely affect ethnic resources or activities. Therefore, no impacts upon ethnic resources will occur.

Mitigation and Residual Impact:

Because the proposed project will have no impact on archaeological, cultural, or ethnic resources, no mitigation measures are necessary, nor will there be any residual impact.

4.16 FIRE PROTECTION:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Introduction of development into an existing high fire hazard area?					X
b. Project-caused high fire hazard?					X
c. Introduction of development into an area without adequate water pressure, fire hydrants or adequate access for fire fighting?					X
d. Introduction of development that will hamper fire prevention techniques such as controlled burns or backfiring in high fire hazard areas?					X
e. Development of structures beyond safe Fire Dept. response time?					X

Setting:

Fire protection services to the coastal areas between the Ventura County/Santa Barbara County line to the east and Montecito to the west are provided by the Carpinteria/Summerland Fire Protection District, hereafter referred to as the "Fire District". The Fire District is supported by local taxes, and serves a population of more than 18,000 people.

The Fire District has entered into mutual aid agreements with the Ventura County Fire Department, Santa Barbara County Fire Department, and Montecito Fire Department. Under the mutual aid agreement, the fire departments assist each other as needed. Mobile Life Services, a private medical company, operates within the Fire District's Carpinteria Station, and provides paramedic and "life essential" services within the Fire District boundaries.

The Fire District operates two fire stations. Station 1 is located at 911 Walnut Avenue in the downtown area of Carpinteria. Station 2 is located at 2375 Lilly Avenue in Summerland. The Fire District is currently staffed by 28 full-time fire fighters. At a minimum, Stations 1 and 2 are staffed with one duty chief, two engine companies (three fire fighters per engine company), and a fire inspector. The Fire District currently provides adequate fire protection throughout its service area.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure, or any other development that could increase demand for fire protection services, create a fire hazard, or interfere with fire protection response. Therefore, the proposed project will have no impact on fire protection.

Mitigation and Residual Impact:

Because the proposed project will have no impact on fire protection, no mitigation measures are necessary, nor will there be any residual impact.

4.17 RECREATION:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Conflict with established recreational uses of the area?					X
b. Conflict with biking, equestrian, and hiking trails?					X
c. Substantial impact on the quality or quantity of existing recreational opportunities (e.g., over use of an area with constraints on numbers of people, vehicles, animals, etc. which might safely use the area)?					X

Setting:

City-owned recreational areas cover a total of 42.3 acres, and include Carpinteria City Beach, El Carro Park, Heath Ranch Park, Monte Vista Park, Salt Marsh Park, Linden Field, ThunderBowl Hockey Rink, and Tar Pits Park.

There are several recreational resources in the local area that are not owned by the City. Carpinteria State Beach, which is a state-owned park, encompasses 84 acres within the City limits. Visitors frequent the park's beaches, tide pools, camping spaces, and picnic areas. The park also encompasses the Carpinteria Salt Marsh, a protected habitat area. Rincon Beach Park, owned by the County of Santa Barbara, encompasses 9.4 acres along the coast just south of Carpinteria. The mountains north of the City limits are part of the Los Padres National Forest, and have numerous trails and camping areas. Other recreational areas in the vicinity that are not owned by the City include Santa Claus Lane Beach (County beach), Toro County Park, and the Santa Barbara Polo Field (privately-owned). Bluff top trails in the project area are used by local residents for walking, hiking, running, and bicycling.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure, and will not conflict with any recreational uses of the area, or impact the quality or quantity of existing recreational opportunities. Therefore, no impacts on recreation will result.

Mitigation and Residual Impact:

Because the proposed project will result in no impact on recreation, no mitigation measures are necessary, nor will there be any residual impact.

4.18 AESTHETIC/VISUAL RESOURCES:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. The obstruction of any scenic vista or view open to the public or the creation of an aesthetically offensive site open to public view?					X
b. Change to the visual character of an area?					X
c. Glare or night lighting which may affect adjoining areas?					X
d. Visually incompatible structures?					X

Setting:

The Santa Ynez Mountains rise steeply and provide a dramatic vertical backdrop for northerly views from the local area. Coastal foothills are viewed against the base of the mountains, and provide an open, rural feel to local views. The foothills have been largely developed with agriculture and scattered residences, intervened by local creeks and natural areas. Agricultural areas, stands of tall trees, coastal bluffs, beaches, and the ocean are important visual features to the south. Pleasing views of these important visual resources are available from many vantage points throughout the local area, including public parks (e.g., Tarpits Park, Carpinteria State Beach), roadways (e.g., U.S. 101, Carpinteria Avenue, State Route 150, etc.), the Union Pacific railroad line, open space areas (e.g., the Carpinteria Bluffs), residences, offices, commercial areas, and industrial areas.

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure, and will not obstruct or change any aesthetic or visual resources in the area. Therefore, the proposed project will have no impact on aesthetic or visual resources.

Mitigation and Residual Impact:

Because the proposed project will result in no impact on aesthetic or visual resources, no mitigation measures are necessary, nor will there be any residual impact.

4.19 HOUSING:

Will the proposal result in:	Known Signif.	Unknown Poten. Signif.	Poten. Signif. and Mitig.	Not Signif.	No Impact
a. Loss of existing affordable dwellings through demolition, conversion, or removal?					X
b. Displacement of current residents?					X

Setting:

Carpinteria had an estimated 5,457 housing units as of January 1, 1990, and 5,595 as of January 1, 1998. As such, the City's housing inventory rose by an estimated 138 units in the eight year period between 1990 and 1998, or by approximately 2.5 percent.

The City of Carpinteria's draft *General Plan and Local Coastal Plan (1998)* states that, based upon the SBCAG *Regional Housing Needs Assessment*, an additional 580 dwelling units would have been needed in the city by 1999 to help meet regional housing goals, which include specific goals for housing units by economic group. City-wide housing needs by economic group as a percentage of overall housing needs is as follows:

- Very low income - 23%
- Low income - 18%
- Moderate income - 21.1%
- Above moderate income - 37.9%

Impact Discussion:

The proposed project is only a transfer of ownership of a federally owned distribution system to the CVWD, which includes all currently existing modifications to the federal system lands and properties. The project does not involve any new physical modification or expansion of the service infrastructure, and will not displace any current residents or cause the loss of affordable dwellings through demolition, conversion, or removal. Therefore, the proposed project will have no impact on housing.

Mitigation and Residual Impact:

Because the proposed project will have no impact on housing, no mitigation measures are necessary, nor will there be any residual impact.

5.0 INFORMATION SOURCES

5.1 AGENCIES AND INDIVIDUALS CONSULTED

The following agencies and individuals supplied information to the preparers for this Environmental Assessment.

- McDonald, Bob, Engineer, Carpinteria Valley Water District
- Hamilton, Charles, General Manager, Carpinteria Valley Water District
- Roberts, Lisa, Environmental Contaminants Specialist, U.S. Fish and Wildlife Service (electronic mail to David Young, June 8, 2000)
- Young, David, U.S. Department of the Interior, Bureau of Reclamation

5.2 BIBLIOGRAPHY:

Advisory Council on Historic Preservation (October 1986), Section 106, Step-by-Step.

Padre Associates, Inc. (1999), Draft Environmental Impact Report, Carpinteria General Plan/Local Coastal Plan Amendment.

Padre Associates, Inc. (1999), Letter-Report, Fault Evaluation, Proposed East Valley Elementary School Site, Carpinteria, California.

Bureau of Reclamation (1997), Environmental Assessment, Temporary Deviation from Flood Control Regulations, Friant Dam and Millerton Lake, Friant Division, Central Valley Project.

California Archaeological Inventory Information Center, January 27, 2000 Letter, Record Search Results.

5.3 OTHER SOURCES (CHECK THOSE SOURCES USED):

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|---|
| <input type="checkbox"/> | Field work | <input type="checkbox"/> | Ag Preserve maps |
| <input type="checkbox"/> | Calculations | <input type="checkbox"/> | Flood Control maps |
| <input type="checkbox"/> | Project plans | <input checked="" type="checkbox"/> | Other technical references
(reports, survey, etc.) |
| <input type="checkbox"/> | Traffic studies | <input type="checkbox"/> | Planning files, maps, reports |
| <input type="checkbox"/> | Records | <input type="checkbox"/> | Zoning maps |
| <input type="checkbox"/> | Grading plans | <input type="checkbox"/> | Soils maps/reports |
| <input type="checkbox"/> | Elevation, architectural renderings | <input type="checkbox"/> | Plant maps |
| <input type="checkbox"/> | Published geological map/reports | <input type="checkbox"/> | Archaeological maps and reports |
| <input checked="" type="checkbox"/> | Topographical maps | <input type="checkbox"/> | Other |

6.0 PROJECT SPECIFIC (SHORT AND LONG TERM), AND CUMULATIVE IMPACT SUMMARY

Significant Unavoidable Impacts

There will be no unavoidable project-specific or cumulative impacts associated with the implementation of the proposed project.

Significant Impacts that can be Mitigated to a Less Than Significant Level

There will be no project-specific or cumulative impacts resulting from the implementation of this project. Therefore, there are no significant impacts that need to be mitigated.

7.0 PROJECT ALTERNATIVES

There are two alternatives that have presently been evaluated. These are the No Action Alternative and partial ownership transfer of the water distribution system to the CVWD.

7.1 NO ACTION ALTERNATIVE

The No Action Alternative would be to operate and maintain the water distribution system as at present. The Bureau would retain ownership of the distribution system and the District would operate and maintain the distribution system. This alternative would call for continued communication and consultation between the Bureau and the District regarding the operation and maintenance of the water distribution system. Because no environmental impacts would be associated with this project, this alternative could not be environmentally superior to the proposed action. This alternative contradicts the purpose of the project to simplify and reduce paperwork and coordination associated with the operation and maintenance of the water distribution system and has been omitted from further discussion.

7.2 PARTIAL OWNERSHIP TRANSFER

The partial ownership transfer alternative would allow the transfer of ownership of some portion of the water distribution system to the District. The Bureau would still own the remainder of the system. This alternative would not significantly reduce communication and consultation between the Bureau and District, and could even increase bureaucracy between the two agencies. Because no environmental impacts would be associated with this project, this alternative could not be environmentally superior to the proposed action. However, this alternative also contradicts the purpose of the project. Additionally, the title can not be divided (Young, personal communication, June 2000). Therefore, this alternative has been dropped from further consideration.

8.0 COMPLIANCE WITH THE NATIONAL HISTORIC PRESERVATION ACT

The purpose of this act is to protect, preserve, rehabilitate or restore significant historical and archaeological data, objects, or structures. Cultural resources is a broad term that includes prehistoric, historic, architectural, and traditional cultural properties. Such resources are listed,

or are eligible to be listed, in the national Register of Historic Places. The State Historic Preservation Office maintains a database of significant properties in California.

The Bureau has communicated with the State Historic Preservation Office with regard to the project's compliance with the National Historic Preservation Act. The proposed action represents only a change in ownership of the service distribution system and therefore, there is no potential to change the character or use of any historic or cultural resources in the area.

9.0 COMPLIANCE WITH THE ENDANGERED SPECIES ACT

The general purpose of this statute is to conserve and protect threatened and endangered species of fish, wildlife, and plants. Section 7 of the Act requires:

1. federal agencies to utilize their authorities to conduct programs to conserve endangered and threatened species;
2. consultation with the U.S. Fish & Wildlife Service when a federal action may affect a listed species to ensure that any action authorized, funded, or carried out by a federal agency is not likely to jeopardize the continued existence of listed species or result in the destruction or adverse modification of critical habitat;
3. conference with the Service when a federal action is likely to jeopardize the continued existence of listed species or result in the destruction or adverse modification of critical habitat.

The California Department of Fish and Game Natural Diversity Data Base was queried to determine the presence of sensitive, threatened and endangered species within the CVWD service area. The results of the survey are provided as an attachment to this EA.

Because the proposed project is only a transfer of ownership of an existing service distribution system, the project is not anticipated to have an effect on sensitive, threatened or endangered species. The Bureau has consulted with the U.S. Fish & Wildlife Service and has coordinated with the California Department of Fish & Game with regard to the project's compliance with the Endangered Species Act. The Service has concurred with the "no effect" determination for the project (Roberts, personal communication, June 8, 2000). Coordination with CDFG occurred through the consultation process with the Service.

10.0 COMPLIANCE WITH THE FISH AND WILDLIFE COORDINATION ACT

This act requires federal agencies to consult with the U.S. Fish & Wildlife Service (Service) and coordinate with the California Department of Fish & Game (CDFG) before undertaking projects or actions that control or modify surface water. This consultation and coordination is intended to promote the conservation of wildlife resources by preventing loss of or damage to fish and wildlife resources and to provide for the development and improvement of fish and wildlife resources in connection with water projects. The Service and CDFG are authorized to conduct necessary surveys and investigations, to determine the possible damage to resources and to determine measures for preventing such losses. The reports and

recommendations of the Service and CDFG may be integrated into any report that grants permission or authority to construct a project or modify or supplement plans for previously authorized projects.

The Bureau has conducted its consultation and coordination in accordance with this act. Because the proposed project is only a transfer of ownership and does not include any physical modifications or expansions, the project is not anticipated to have an effect on fish and wildlife resources. The Service has concurred with the "no effect" determination for the project (Roberts, personal communication, June 8, 2000). Coordination with CDFG occurred through the consultation process with the Service.

11.0 COMPLIANCE WITH THE INDIAN TRUST ASSETS

Indian Trust Assets are legal interests in property or rights held in trust by the U.S. for Indian Tribes or individual Native Americans. Trust status originates from rights imparted by treaties, statutes, or executive orders. Such assets cannot be sold, leased, or otherwise alienated without federal approval.

Indian reservations, rancherias, and allotments are common Indian Trust Assets. Allotments are parcels of land held in trust for specific individuals that may be located outside reservation boundaries. In addition, such assets include the right to access certain traditional areas and perform traditional ceremonies. No such assets would be affected by the project.

12.0 COMPLIANCE WITH THE STATE ENVIRONMENTAL POLICY ACT

The proposed project qualifies for an exemption under CEQA, pursuant to Section 15062 of the CEQA Guidelines. A Notice of Exemption has been prepared and is on file at the CVWD office located at 1301 Santa Ynez Avenue, Carpinteria, CA 93014. The Notice will also be filed with the County Clerk of Santa Barbara. The proposed project is also Categorically Exempt under Section 15301, Existing Facilities.

13.0 MITIGATION MEASURES

The proposed project will not result in any impacts. Therefore, no mitigation measures are necessary.

14.0 LIST OF PREPARERS

Donna M. Hebert, Project Manager, Padre Associates, Inc.
Mike Weber, Environmental Specialist, Padre Associates, Inc.
Suzun Rasmusson, Graphics Specialist, Padre Associates, Inc.
David Young, Environmental Specialist, U.S. Department of the Interior, Bureau of Reclamation
Jim West, Cultural Resources Specialist, U.S. Department of the Interior, Bureau of Reclamation

Sheryl Carter, Contract Repayment Specialist, U.S. Department of the Interior, Bureau of Reclamation

Appendix

Comments on the Draft Environmental Assessment

The *Draft Environmental Assessment for the Title Transfer of a Federally-Owned Water Distribution System to the Carpinteria Valley Water District* was circulated for public review from July 14, 2000 through August 18, 2000. A Notice of Availability and copy of the Environmental Assessment (EA) was sent by certified mail to all parties known to the Bureau of Reclamation as having an interest in the project. Public Notice of the Availability of the Environmental Assessment was published in the Carpinteria-Summerland Coastal View, a newspaper of general circulation in the project area, on July 13, 2000.

The only letter received regarding the Draft EA was from the State of California Governor's Office of Planning and Research, State Clearinghouse. The letter is provided as follows and requires no response.



STATE OF CALIFORNIA

BUREAU OF RECLAMATION

Governor's Office of Planning and Research



AUG 25 1 05 PM '00

State Clearinghouse

Gray Davis
GOVERNOR

August 21, 2000

KEYWORD	Steve Nissen
FILE CODE	ACTING DIRECTOR
ENV-600	

David Young
 U.S. Bureau of Reclamation
 2666 North Grove Industrial Drive
 Fresno, CA 93727-1551

OFFICIAL FILE COPY

CODE	ACTION	SURNAME & DATE
Hill		eg
COPIES TAKEN		
COPIES TO		

Subject: Title Transfer of a Federally-Owned Water Distribution System to the
 SCH#: 2000074008

Dear David Young:

The State Clearinghouse submitted the above named Environmental Assessment to selected state agencies for review. The review period closed on August 18, 2000, and no state agencies submitted comments by that date. This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act.

Please call the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process. If you have a question about the above-named project, please refer to the ten-digit State Clearinghouse number when contacting this office.

Sincerely,

Terry Roberts
 Senior Planner, State Clearinghouse

**Document Details Report
State Clearinghouse Data Base**

SCH# 2000074008
Project Title Title Transfer of a Federally-Owned Water Distribution System to the CVWD
Lead Agency U.S. Bureau of Reclamation

Type EA Environmental Assessment
Description The project includes the transfer of a federally owned water distribution system from the U.S. Bureau of Reclamation to the Carpinteria Valley Water District. The District currently operates and maintains the system.

Lead Agency Contact

Name David Young
Agency U.S. Bureau of Reclamation
Phone 559-487-5127 **Fax**
email
Address 2666 North Grove Industrial Drive
City Fresno **State** CA **Zip** 93727-1551

Project Location

County Santa Barbara
City Carpinteria
Region
Cross Streets
Parcel No. Entire District
Township **Range** **Section** **Base**

Proximity to:

Highways U.S. 101
Airports
Railways Union Pacific
Waterways Pacific Ocean
Schools
Land Use Various, see project description.

Project Issues Other Issues

Reviewing Agencies Resources Agency; California Coastal Commission; Department of Conservation; Department of Fish and Game, Region 5; Office of Historic Preservation; Department of Parks and Recreation; Department of Water Resources; California Highway Patrol; Caltrans, District 5; State Water Resources Control Board, Division of Water Rights; Regional Water Quality Control Board, Region 3; Native American Heritage Commission; Public Utilities Commission; State Lands Commission

Date Received 07/20/2000 **Start of Review** 07/20/2000 **End of Review** 08/18/2000

Appendix

California Department of Fish and Game
Natural Diversity Data Base
Search Results for
Carpinteria and White Ledge Peak Quads

California Department of Fish and Game

Natural Diversity Data Base
Full Condensed Report A Multiple Records per Page

Carpinteria & White Ledge Peak Quads

BUFO MICROSCAPHUS CALIFORNICUS
ARROYO TOAD
Element Code: AANB01111
Federal: Endangered
State: None
Global: G5?T3?
State: S2S3
CDRG Status: SC

Habitat Associations

SEMI-ARID REGIONS NEAR WASHES OR INTERMITTENT STREAMS, INCLUDING VALLEY-FOOTHILL AND DESERT RIPARIAN, DESERT WASH, ETC.
MICRO: RIVERS WITH SANDY BANKS, WILLOWS, COTTONWOODS, AND SYCAMORES; LOOSE, GRAVELLY AREAS OF STREAMS IN DRIER PARTS OF RANGE

Map Index: 33130 Lat/Long: 34°30'10" / 119°34'04" Township: 05N
Occurrence No. 12 Element: 1991-05-25 UTM: Zone-11 N3820687 E264247 Range: 26W
Origin: Natural/Native occurrence Site: 1991-05-25 Precision: NON-SPECIFIC Section: UN Qtr XX
Presence: Presumed Extant Symbol Type: POINT Meridian: S
Trend: Unknown Radius: 1 mile Elevation: 1640 ft

Main Source: SWEET, S. 1993 (PERS)

Quad Summary: HILDRETH PEAK (3411955/167D)*, CARPINTERIA (3411945/142A)

County Summary: SANTA BARBARA

SNA Summary:

Location: SANTA YNEZ RIVER, AT EAST PENDOLA FLAT, LOS PADRES NATIONAL FOREST.

Comments:

Distribution: LOCATED IN A POOL AT ELEV 1640 FT.

Ecological:

Threat:

General: UCSB SPECIMEN #31731 (EGGS), 31758 (LOT), 31876-31877 (LOTS), AND 32029.

Owner/Manager: USFS-LOS PADRES NF

Date: 03/20/00 Padre Associates

Report: REF2WIDE Information dated 10/06/99

Carpinteria & White Ledge Peak Quads

RAIIUS LONGIROSTRIS LEVIPES
LIGHT-FOOTED CLAPPER RAIL
Element Code: ABNME05014
Federal: Endangered
State: Endangered
Global: G571
State: S1
CDFG Status:
Other Lists:
Element Rank: NDDB
Element Rank: S1

Habitat Associations
General: FOUND IN SALT MARSHES TRAVERSED BY TIDAL SLOUGHS, WHERE CORDGRASS AND PICKLEWEED ARE THE DOMINANT VEGETATION.
Micro: REQUIRE DENSE GROWTH OF EITHER PICKLEWEED OR CORDGRASS FOR NESTING OR ESCAPE COVER; FEEDS ON MOLLUSCS AND CRUSTACEANS.

Occurrence No. 4 Map Index: 15146 Dates Last Seen: Lat/Long: 34°24'02" / 119°32'07" Township: 04N
Occ Rank: Unknown Element: 1995-XX-XX UTM: Zone-11 N3809287 E266938 Range: 25W
Origin: Natural/Native occurrence Site: 1995-XX-XX Precision: SPECIFIC Section: 30 Qtr XX
Presence: Presumed Extant Trend: Decreasing Symbol Type: POLYGON Meridian: S
Area: 195.3 ac Elevation: 5 ft

Main Source: WILBUR, S. 1977 (LIT)
Quad Summary: CARPINTERIA (3411945/142A)

County Summary: SANTA BARBARA
SNA Summary: Carpinteria Salt Marsh

Location: CARPINTERIA MARSH (EL ESTERO) & ADJACENT WATER & TIDAL FLATS BETWEEN CARPINTERIA & SANDYLAND.

Distribution: CURRENT NORTHERN EXTENT OF THE LIGHT-FOOTED CLAPPER RAIL'S RANGE.

Ecological: SALICORNIA DOMINATED, NO CORDGRASS.

Threat: DOGS, FERAL CATS, RED FOX, HUMAN TRESPASS, AG RUNOFF, UPSTREAM FLOOD CONTROL PROJECTS & DEVELOPMENT.

General: 1980: 16 PR, 1981: 14 PR, 1982: 20 PR, 1983: 18 PR, 1984: 26 PR, 1985: 7 PR, 1986: 4 PR, 1987: 5 PR + SINGLES,
1988: 2 MALES, 1989-92: NO RAILS, 1993: 1 MALE, 1994: 0, 1995: 2 PR + SINGLES.

Owner/Manager: UCLWRS-CARPINTERIA SALT MARSH

Date: 03/20/00 Padre Associates
Report: RF2WIDE Information dated 10/06/99

California Department of Fish and Game
Natural Diversity Data Base
Full Condensed Report - Multiple Records per Page

Carpinteria & White Ledge Peak Quads

AAAAAList Status: None
Federal: Threatened
State: S2
Global: G4T2
CDFG Status: SC
Element Code: ABNNB03011

AAAAAHabitat Associations
General: SANDY BEACHES ON MARINE AND ESTUARINE SHORES, ALSO SALT POND LEVEES AND THE SHORES OF LARGE ALKALI LAKES.
Micro: REQUIRES SANDY, GRAVELLY OR FRIABLE SOIL SUBSTRATE FOR NESTING.

Occurrence No. 43 Map Index: 02399 AAdates Last Seen: 119031'38"
Occ Rank: None Element: 1960-XX-XX UTM: Zone-11 N3808579 E267660
Origin: Natural/Native occurrence Site: 1978-XX-XX Precision: NON-SPECIFIC
Presence: Extirpated Symbol Type: POLYGON
Trend: Unknown Area: 120.9 ac

Main Source: PAGE, G. & L. STENZEL 1981 (LIT)
Quad Summary: CARPINTERIA (3411945/142A)
County Summary: SANTA BARBARA
SNA Summary:
Location: CARPINTERIA-SANDYLAND.

Distribution:
Ecological: 1978 SURVEY FOUND THAT SUITABLE HABITAT IS NO LONGER PRESENT AT THIS SITE.
Threat: HABITAT IS NOW UNSUITABLE BECAUSE OF HUMAN ACTIVITY/DEVELOPMENT.
General: 25 MUSEUM EGG SETS COLLECTED BETWEEN 1909 AND 1946. ONE NEST REPORTED BY FLORA MACLISE IN 1960.
Owner/Manager: PVT, DPR, UCLWRS

Date: 03/20/00 Padre Associates
Report: RF2WIDE Information dated 10/06/99

California Department of Fish and Game
 Natural Diversity Data Base
 Full Condensed Report A Multiple Records per Page

Carpinteria & White Ledge Peak Quads

VIREO BELLII PUSILLUS (NESTING)
 LEAST BELL'S VIREO
 Element Code: ABPBW01114
 Federal: Endangered
 State: Endangered
 Global: G5T2
 State: S2
 CDFG Status:

Habitat Associations

General: SUMMER RESIDENT OF SOUTHERN CALIF. INHABITS LOW RIPARIAN GROWTH IN VIC OF WATER OR IN DRY RIVER BOTTOMS; BELOW 2000 FT.
 Micro: NESTS PLACED ALONG MARGINS OF BUSHES OR ON TWIGS PROJECTING INTO PATHWAYS, USUALLY WILLOW, BACCHARIS, MESQUITE.

Occurrence No. 17 Map Index: 15139 Dates Last Seen: Lat/Long: 34°29'16" / 119°32'16" Township: 05N
 Occ Rank: Unknown Element: 1980-XX-XX UTM: Zone-11 N9818969 E266956 Range: 25W
 Origin: Natural/Native occurrence Site: 1980-XX-XX Precision: NON-SPECIFIC Section: 30 Qtr NE
 Presence: Presumed Extant Symbol Type: POINT Meridian: S
 Trend: Unknown Radius: 1/5 mile Elevation: 1850 ft

Main Source: GOLDWASSER, S. 1978 (LIT)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA

SNA Summary:
 Location: SANTA YNEZ RIVER AT JUNCAL CAMPGROUND, JUST BELOW JUNCAL DAM.

Distribution:
 Ecological:
 Threat: IMPACTS FROM RECREATIONAL USE. AREA WAS DAMAGED BY HEAVY FLOODING IN WINTER OF 1977-78.
 General: ONE VIREO OBSERVED IN RIPARIAN VEGETATION AT CAMPGROUND IN 1978 AND 1980.
 Owner/Manager: UNKNOWN

Carpinteria & White Ledge Peak Quads

PASSERCULUS SANDWICHENSIS BELDINGI
 BELDING'S SAVANNAH SPARROW
 Element Code: ABPBX99015
 List Status: Global: GST3
 Federal: Species of Concern
 State: Endangered
 State: S3
 Other Lists: CDFG Status:

Habitat Associations
 General: INHABITS COASTAL SALT MARSHES, FROM SANTA BARBARA SOUTH THROUGH SAN DIEGO COUNTY.
 Micro: NESTS IN SALICORNIA ON AND ABOUT MARGINS OF TIDAL FLATS.

Occurrence No. 2 Map Index: 15146 Dates Last Seen: 119827 '07" Township: 04N
 Occ Rank: Good Element: 1991-04-16 UTM: Zone-11 N3809287 E266938 Range: 25W
 Origin: Natural/Native occurrence Site: 1991-04-16 Precision: SPECIFIC Section: 30 Qtr XX
 Presence: Presumed Extant Symbol Type: POLYGON Area: 195.3 ac Meridian: S
 Trend: Fluctuating Elevation: 5 ft

Main Source: U.S. FISH & WILDLIFE SERVICE 1987 (LIT)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary: Carpinteria Salt Marsh
 Location: CARPINTERIA MARSH (EL ESTERO), BETWEEN CARPINTERIA AND SANDYLAND. SOUTH OF HWY 101.
 Distribution: MAIN CONCENTRATIONS OF NESTING TERRITORIES BETWEEN APPLE RD & SANTA MONICA CREEK. TIDAL INUNDATION IS LOWER HERE THAN THE AVERAGE FOR THE REST OF THE BASIN.

Ecological: SALT MARSH.
 Threat: DOGS, FERAL CATS, RED FOX, HUMAN TRESPASS, AG RUNOFF, UPSTREAM FLOOD CONTROL PROJECTS & DEVELOPMENT.
 General: 100 PRS ESTIMATED IN 1973, 34 PRS ESTIMATED IN 1977, 74 PRS ESTIMATED IN 1986, 52 PRS ESTIMATED IN 1991.
 Owner/Manager: PVT, UCSB

Date: 03/20/00 Padre Associates
 Report: RF2WIDE Information dated 10/06/99
 Page 5

Carpinteria & White Ledge Peak Quads

ONCORHYNCHUS MYKISS IRIDEUS
SOUTHERN STEELHEAD
Element Code: AFCHA0209J
Federal: Endangered
State: None
Global: GST2
CDFG Status: SC
List Status: Other Listed
Element Ranks: NDDB

Habitat Associations
General: SPAWN IN COOL, CLEAR, WELL-OXYGENATED STREAMS. HIGHER-ELEVATION HEADWATERS ARE PRIMARY SPAWNING & REARING AREAS.
Micro: SOUTHERN STEELHEAD LIKELY HAVE GREATER PHYSIOLOGICAL TOLERANCES TO WARMER WATER & MORE VARIABLE CONDITIONS.

Occurrence No. 8
Map Index: 41376
Lat/Long: 34°27'08" / 119°37'15"
Township: 04N
Range: 26W
Section: 05 Qtr XX
Element: 1999-06-14
Site: 1999-06-14
UTM: Zone-11 N3815246 E259206
Precision: SPECIFIC
Symbol Type: POLYGON
Meridian: S
Elevation: 750 ft
Area: 45.5 ac

Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown
Main Source: DE LA GARZA, M. 1999 (OBS)
Quad Summary: CARPINTERIA (3411945/142A)
County Summary: SANTA BARBARA

SNA Summary:
Location: SAN YSIDRO CREEK, FROM ELEVATION 500 TO 850 FEET, NORTH OF MONTECITO, LOS PADRES NATIONAL FOREST.

Comments:
Distribution: ADJACENT AREAS ARE RESIDENTIAL AND COMMERCIAL AT LOWER ELEVATIONS, WITH NATIONAL FOREST LANDS AT HIGHER ELEVATIONS.

Ecological: PALUSTRINE FORESTED (ARROYO WILLOW SERIES). STREAM HAS BOULDER, COBBLE SUBSTRATE
Threat: FLOOD CONTROL DEBRIS BASIN/ MAINTENANCE ACTIVITIES AND OTHER STREAMBANK STABILIZATION PROJECTS.
General: 100 JUVENILES OBSERVED, WHILE SURVEYING FOR RED LEGGED FROGS, 1999.

Owner/Manager: PVT, USFS-LOS PADRES NF

Carpinteria & White Ledge Peak Quads

AAAAAAA
EUCYCLOGOBIOUS NEWBERRYI
TIDEWATER GOBY
Element Code: AFCQM04010
AAAAAAA

AAAAAList Status: AAAAAANDDB Element Rank: AAAAAOther Lists: AAAAA
Federal: Endangered Global: G2G3 CDFG Status: SC
State: None State: S2S3
AAAAAAA

AAAAAHabitat Associations
AAAAA
General: BRACKISH WATER HABITATS ALONG THE CALIF COAST FROM AGUA HEDIONDA LAGOON, SAN DIEGO CO. TO THE MOUTH OF THE SMITH RIVER.
Micro: FOUND IN SHALLOW LAGOONS AND LOWER STREAM REACHES. THEY NEED FAIRLY STILL BUT NOT STAGNANT WATER & HIGH OXYGEN LEVELS.
AAAAAAA

Occurrence No. 73 Map Index: 15146 Lat/Long: 34°24'02" / 119°32'07" Township: 04N
Occ Rank: None Element: 1923-05-17 UTM: Zone-11 N3809287 E266938 Range: 25W
Origin: Natural/Native occurrence Site: 1984-XX-XX Precision: SPECIFIC Section: 30 Qtr XX
Presence: Possibly Extirpated Symbol Type: POLYGON Meridian: S
Trend: Unknown Area: 195.3 ac Elevation: 5 ft

Main Source: SWIFT, C. ET AL 1986 (LIT)
Quad Summary: CARPINTERIA (3411945/142A)
County Summary: SANTA BARBARA
SNA Summary: Carpinteria Salt Marsh
Location: EL ESTERO, FROM MOUTH TO 0.5 MILE UPSTREAM, NW EDGE OF CARPINTERIA.
AAAAAComments: AAAAA
Distribution:
Ecological:
Threat:
General: UMWZ 63285.
Owner/Manager: UCLMRS-CARPINTERIA SALT MARSH

AAAAAAA
Occurrence No. 74 Map Index: 15192 Lat/Long: 34°23'37" / 119°30'40" Township: 04N
Occ Rank: Unknown Element: 1995-XX-XX UTM: Zone-11 N3808471 E269157 Range: 25W
Origin: Natural/Native occurrence Site: 1995-XX-XX Precision: NON-SPECIFIC Section: 28 Qtr XX
Presence: Presumed Extant Symbol Type: POLYGON Meridian: S
Trend: Fluctuating Area: 78.0 ac Elevation: 20 ft

Main Source: SWIFT, C. ET AL 1986 (LIT)
Quad Summary: CARPINTERIA (3411945/142A)
County Summary: SANTA BARBARA
SNA Summary:
Location: CARPINTERIA CREEK, FROM MOUTH TO 1.0 MILE UPSTREAM, CARPINTERIA.
AAAAAComments: AAAAA
Distribution: SITE OCCUPIES 1.0-2.5 ACRES.
Ecological:
Threat:
General: UMWZ 133067 COLLECTED 8 JULY 1940. GOBIES NOT RECORDED AT THIS SITE BETWEEN 1940 & 1993. UNKNOWN NUMBER
COLLECTED IN 1995.

Owner/Manager: PVT
Date: 03/20/00 Padre Associates
Report: RP2WIDE Information dated 10/06/99
AAAAAAA

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 Natural Diversity Data Base
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Carpinteria & White Ledge Peak Quads

09AAAAA
 , THAMNOPHIS HAMMONDII
 , TWO-STRIPED GARTER SNAKE
 , Element Code: ARADB36160
 ,
 AAAAA
 State: None
 State: S2
 CDFG Status: SC

AAAAA
 Habitats Associations
 General: COASTAL CALIFORNIA FROM VICINITY OF SALINAS TO NORTHWEST BAJA CALIFORNIA. FROM SEA TO ABOUT 7,000 FT ELEVATION.
 Micro: HIGHLY AQUATIC. FOUND IN OR NEAR PERMANENT FRESH WATER. OFTEN ALONG STREAMS WITH ROCKY BEDS AND RIPARIAN GROWTH.
 AAAAA

Occurrence No. 29 Map Index: 33145 AADates Last SeenAA Lat/Long: 34e29'14" / 119e32'00" Township: 05N
 Occ Rank: Unknown Element: 1985-03-16 UTM: Zone-11 N3818894 E267366 Range: 25W
 Origin: Natural/Native occurrence Site: 1985-03-16 Precision: NON-SPECIFIC Section: 30 Qtr E
 Presence: Presumed Extant Symbol Type: POINT Meridian: S
 Trend: Unknown Radius: 1/5 mile Elevation: 2850 ft

Main Source: SWEET, S. 1985 (PERS)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary:
 Location: SANTA VNEZ RIVER, 0.25 MILE EAST OF JUNCAL CAMPGROUND, LOS PADRES NATIONAL FOREST.

AAAAA
 Comments: AAAAA
 Distribution:
 Ecological:
 Threat:
 General: UCSB SPECIMEN #27771. COLLECTED ON 16 MARCH 1985.
 Owner/Manager: USFS-LOS PADRES NF

AAAAA
 Occurrence No. 30 Map Index: 33146 AADates Last SeenAA Lat/Long: 34e29'47" / 119e36'42" Township: 05N
 Occ Rank: Unknown Element: 1985-05-05 UTM: Zone-11 N3820083 E260202 Range: 26W
 Origin: Natural/Native occurrence Site: 1985-05-05 Precision: NON-SPECIFIC Section: 21 Qtr SW
 Presence: Presumed Extant Symbol Type: POINT Meridian: S
 Trend: Unknown Radius: 1/5 mile Elevation: 2050 ft

Main Source: SWEET, S. 1985 (PERS)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary:
 Location: JUNCTION OF FORBUSH CANYON AND BLUE CANYON, SE OF GIBRALTAR RESERVOIR.
 Distribution:
 Ecological:
 Threat:
 General: UCSB SPECIMEN #27944, COLLECTED ON 5 MAY 1985.
 Owner/Manager: USFS-LOS PADRES NF

AAAAA
 Comments: AAAAA
 Distribution:
 Ecological:
 Threat:
 General: UCSB SPECIMEN #27944, COLLECTED ON 5 MAY 1985.
 Owner/Manager: USFS-LOS PADRES NF

AAAAA
 Date: 03/20/00 Padre Associates
 Report: RF2WIDE Information dated 10/06/99

California Department of Fish and Game
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Carpinteria & White Ledge Peak Quads

AAAAA
 SOUTHERN COASTAL SALT MARSH
 Element Code: CTT52120CA
 Global: G2
 State: S2.1
 Federal: None
 Status: AAAAAA AND DB Element Ranks AAAAAA Other Lists AAAAAA

AAAAA
 Habitat Associations
 General: None for this Element
 Micro: None for this Element

AAAAA
 Occurrence No. 18 Map Index: 15146
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Unknown
 Main Source: MACDONALD, K. 1976 (LIT)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary: Carpinteria Salt Marsh
 Location: CARPINTERIA MARSH (ALSO KNOWN AS SANDYLAND OR EL ESTERO)

AAAAA
 Comments
 Distribution: 133 ACRE TIDAL MARSH, 1976.
 Ecological: FLORA INCL RARE CORDYLANTHUS MARITIMUS. CONSTR OF CHANNELS, SEAWALLS STABILIZED INLET.
 Threat: BOUNDED BY RDS, HOMES. INFREQUENT FLOOD CONTROL WORK. ANNUAL CHANNEL OPENING ARE MINOR DISTURBANCES.
 General: 120 ACRES IN UC LAND & WATER RESERVE. THIS WAS OCC #018 OF CTT52120CA.
 Owner/Manager: UNKNOWN

AAAAA
 Date: 03/20/00 Padre Associates
 Report: RP2WIDE Information dated 10/06/99

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 Natural Diversity Data Base
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Carpinteria & White Ledge Peak Quads

CICIPINDELIA HIRTICOLLIS GRAVIDA
 SANDY BEACH TIGER BEETLE
 Element Code: IICOL02101
 Global: GST4
 State: S1
 CDFG Status:

Occurrence No. 20 Map Index: 16042 Lat/Long: 34°23'21" / 119°30'59" Township: 04N
 Occ Rank: None Element: XXXX-XX-XX UTM: Zone-11 N3807989 E268637 Range: 25W
 Origin: Natural/Native occurrence Site: 1979-XX-XX Precision: NON-SPECIFIC Section: 32 Qtr XX
 Presence: Extirpated Trend: Unknown Symbol Type: POLYGON Meridian: S
 Main Source: NAGANO, C. 1980 (LIT) Area: 49.7 ac Elevation:
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary:
 Location: CARPINTERIA.
 Comments:

General: INHABITS AREAS ADJACENT TO NON-BEACHWATER ALONG THE COAST OF CALIFORNIA FROM SAN FRANCISCO BAY TO NORTHERN MEXICO.
 Micro: CLEAN, DRY, LIGHT-COLORED SAND IN THE UPPER ZONE. SUBTERRANEAN LARVAE PREFER MOIST SAND NOT AFFECTED BY WAVE ACTION.
 Occurrence No. 20 Map Index: 16042 Lat/Long: 34°23'21" / 119°30'59" Township: 04N
 Occ Rank: None Element: XXXX-XX-XX UTM: Zone-11 N3807989 E268637 Range: 25W
 Origin: Natural/Native occurrence Site: 1979-XX-XX Precision: NON-SPECIFIC Section: 32 Qtr XX
 Presence: Extirpated Trend: Unknown Symbol Type: POLYGON Meridian: S
 Main Source: NAGANO, C. 1980 (LIT) Area: 49.7 ac Elevation:
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary:
 Location: CARPINTERIA.
 Comments:

Distribution:
 Ecological: INHABITED CLEAN, DRY, LIGHT-COLORED SAND IN THE UPPER ZONE.
 Threat: SENSITIVE TO CONTACT WITH HUMANS.
 General: HISTORICAL LOCATION.
 Owner/Manager: UNKNOWN

Date: 03/20/00 Padre Associates
 Report: RF2WIDE Information dated 10/06/99

California Department of Fish and Game
 Natural Diversity Data Base
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Carpinteria & White Ledge Peak Quads

DANAUUS PLEXIPPUS
 MONARCH BUTTERFLY
 Element Code: I1LEPP2010
 Federal: None
 State: None
 Global: GS
 State: S3
 CDFG Status:

Dates Last Seen: 1995-11-XX
 Element: 1995-11-XX
 Site: 1995-11-XX
 Precision: SPECIFIC
 Symbol Type: POLYGON
 Area: 6.2 ac
 Lat/Long: 34°23'29" / 119°30'59"
 UTM: Zone-11 N3808235 E268658
 Township: 04N
 Range: 25W
 Section: UN Qtr XX
 Meridian: S
 Elevation: 20 ft

Occurrence No. 1
 Map Index: 26317
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Fluctuating
 Main Source: SAKAI, W. 1988 (OBS)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary:
 Location: HWY 101.

General: WINTER ROOST SITES EXTEND ALONG THE COAST FROM NORTHERN MENDOCINO TO BAJA CALIFORNIA, MEXICO.
 Micro: ROOSTS LOCATED IN WIND-PROTECTED TREE GROVES (EUCALYPTUS, MONTEREY PINE, CYPRESS), WITH NECTAR AND WATER SOURCES NEARBY.
 Distribution: INCLUDES TWO AREAS CONTAINING ROOST TREES, APPROXIMATELY 800 YARDS APART. FIRST SITE IS NEAR THE CORNER OF CALLE ARENA AND CONCHA LOMA; SECOND SITE IS NORTH OF KONO FARMS.
 Ecological: ROOST TREES CONSIST OF EUCALYPTUS, WILLOWS, SYCAMORES, COTTONWOODS, AND COAST LIVE OAKS.
 Threat:
 General: KNOWN SITE FOR AT LEAST 30 YEARS. 5000 OBSERVED ON 23 OCT 1985; 10K ESTIMATED IN 1988-89; 500-1000 OBSERVED ON 23 JAN 1990; 5000+ OBSERVED IN 1990-91; FLYERS IN 1992-93 AND 1993-94. 1500 OBSERVED IN 1994-95. 1000 ROOSTED IN NOVEMBER 1995.
 Owner/Manager: PVT

* SENSITIVE *
 Occurrence No. 158
 Map Index:
 Occ Rank: Fair
 Origin: Natural/Native occurrence
 Presence: Possibly Extirpated
 Trend: Unknown
 Main Source: SAKAI, W. 1989 (OBS)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary:
 Location: *SENSITIVE* Location information suppressed.
 Distribution: Please contact the California Natural Diversity Database, California Department of Fish and Game, for more

Dates Last Seen: XXXX-XX-XX
 Element: XXXX-XX-XX
 Site: 1994-XX-XX
 Precision:
 Symbol Type:
 Radius:
 Lat/Long: /
 UTM:
 Township:
 Range:
 Section: Qtr
 Meridian:
 Elevation:

information: {916} 324-3812.
Ecological: ROOST SITE IS A CYPRESS GROVE.

Threat:
General:
Owner/Manager:

AAAAA
Occurrence No. 159 Map Index: 15044 AAdates Last Seen: 34e24'52" / 119e34'30" Township: 04N
Occ Rank: Fair Element: 1994-XX-XX UTM: Zone-11 N3810913 E263329 Range: 26W
Origin: Natural/Native occurrence Site: 1998-01-08 Precision: NON-SPECIFIC Section: UN Qtr XX
Presence: Presumed Extant Symbol Type: POINT Meridian: S
Trend: Decreasing Radius: 1/5 mile Elevation: 30 ft

Main Source: SAKAI, W. 1988 (OBS)
Quad Summary: CARPINTERIA (3411945/142A)
County Summary: SANTA BARBARA

SNA Summary:
Location: ALONG PADARO LANE, IN THE VICINITY OF LOON POINT, SOUTH OF HWY 101, SERENA PARK.
Comments: AAAAA

Distribution: CLUSTERS FORM IN THE VICINITY OF THE 3000 BLOCK OF PADARO LANE. ORIGINAL SITE WAS AT 3197 PADARO LANE
(EXTIRPATED AS OF 1997-98); 2ND SITE DISCOVERED AT 3151 PADARO LANE.

Ecological: EUCALYPTUS GROVE.
Threat: POTENTIAL THREATS ARE PESTICIDES AND TRIMMING.

General: 40K MONARCHS OBSERVED ON 10 DEC 1985. 5.8K IN 100 CLUSTERS OBSERVED ON 27 JAN 90. 1000 OBSERVED IN FALL 1990.
A LARGE NUMBER REPORTEDLY CLUSTERED IN NOV 92. FLYERS IN 93 94; NONE OBSERVED IN 94-95; 2 FLYERS IN 1996. NONE OBSERVED IN JAN 98.

Owner/Manager: PVT

AAAAA
Date: 03/20/00 Padre Associates
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Carpinteria & White Ledge Peak Quads

08AAAAAAA
DANAUS PLEXIPPUS (cont.)
MONARCH BUTTERFLY
Element Code: IILEPP2010
Federal: None Global: G5 CDFG Status:
State: None State: S3
List Status: AAADDB Element Ranks: AAACH Other Lists: AA
AAAAAAA

Occurrence No. 160 Map Index: 15198 Lat/Long: 34°23'16" / 119°30'46" Township: 04N
Occ Rank: Good Element: 1997-11-23 UTM: Zone-11 N3807822 E268977 Range: 25W
Origin: Natural/Native occurrence Site: 1998-01-08 Precision: SPECIFIC Section: UN Qtr XX
Presence: Presumed Extant Symbol Type: POINT Meridian: S
Trend: Unknown Radius: 80 meters Elevation: 40 ft

Main Source: SAKAI, W. 1989 (OBS)
Quad Summary: CARPINTERIA (3411945/142A)
County Summary: SANTA BARBARA

SNA Summary:
Location: SALZGERBER GROVE SITE, ADJACENT TO THE EAST BOUNDARY OF CARPINTERIA STATE BEACH, CARPENTERIA.

Comments: AA
Distribution: SITE IS LOCATED IN THE TREES NEAR THE BIKE PATH.

Ecological: ROOST TREES ARE EUCALYPTUS LINING THE CREEK, ALONG WITH NATIVE VEGETATION.

Threat:
General: 1000+ IN OCT 95, 500 ON 26 NOV 95; ONLY 10 BY 28 DEC 95 AND 10 ON 13 JAN 95. 8000 OBSERVED ON 23 NOV 97; 0 BY 8 JAN 98.

Owner/Manager: DPR-CARPINTERIA SB

AAAAAAA

* SENSITIVE *

Occurrence No. 161 Map Index: AA Dates Last Seen: AA /
Occ Rank: None Element: XXXX-XX-XX UTM:
Origin: Natural/Native occurrence Site: 1996-01-13 Precision: Qtr
Presence: Extirpated Symbol Type: Meridian:
Trend: Decreasing Radius: Elevation:

Main Source: SAKAI, W. 1989 (OBS)
Quad Summary: CARPINTERIA (3411945/142A)
County Summary: SANTA BARBARA

SNA Summary:
Location: *SENSITIVE* Location information suppressed.

Comments: AA

Distribution: Please contact the California Natural Diversity Database, California Department of Fish and Game, for more information: (916) 324-3812.

Ecological: ROOST TREES WERE EUCALYPTUS; NECTAR SOURCE: A NEARBY LEMON ORCHARD.

Threat:

General:

Owner/Manager:

AAAAAAA

* SENSITIVE *
Occurrence No. 163 Map Index: Dates Last Seen: /
Occ Rank: Good Element: 1996-01-13 UTM:
Origin: Natural/Native occurrence Site: 1996-01-13 Precision:
Presence: Presumed Extant Symbol Type:
Trend: Fluctuating Radius:
Main Source: SAKAI, M. 1989 (OBS)
Quad Summary: WHITE LEDGE PEAK (3411944/141B)
County Summary: SANTA BARBARA
SNA Summary:
Location: *SENSITIVE* Location information suppressed.
Comments: *****
Distribution: Please contact the California Natural Diversity Database, California Department of Fish and Game, for more information: (916) 324-3812.
Ecological: ROOST TREES ARE EUCALYPTUS. CURRENT SURROUNDING LAND USE IS LIGHT RESIDENTIAL.
Threat:
General:
Owner/Manager:

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Township:
Range:
Section:
Meridian:
Elevation:

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Carpinteria & White Ledge Peak Quads

Occurrence No. 164 Map Index: 15273 Lat/Long: 34°22'34" / 119°28'37" Township: 04N
 Occ Rank: Unknown Element: 1985-02-02 UTM: Zone-11 N3806444 E272241 Range: 25W
 Origin: Natural/Native occurrence Site: 1985-02-02 Precision: NON-SPECIFIC Section: UN Qtr XX
 Presence: Presumed Extant Trend: Unknown Symbol Type: POINT Meridian: S
 Main Source: SAKAI, W. 1989 (OBS) Radius: 1/5 mile Elevation: 50 ft
 Quad Summary: WHITE LEDGE PEAK (3411944/141B)*, PITAS POINT (3411934/141C)
 County Summary: SANTA BARBARA, VENTURA
 SNA Summary:
 Location: RINCON POINT, AT SANTA BARBARA/VENTURA COUNTY LINE, APPROX 3MI SE OF CARPENTERIA.
 Comment:
 Distribution:
 Ecological: ROOST TREES ARE EUCLYPTUS.
 Threat:
 General: APPROXIMATELY 1500 MONARCHS WERE OBSERVED ON 2 FEBRUARY 1985. SURROUNDING LAND USE IS CURRENTLY OPENSOURCE.
 Owner/Manager: UNKNOWN

Occurrence No. 268 Map Index: 26311 Lat/Long: 34°22'39" / 119°28'38" Township: 03N
 Occ Rank: Fair Element: 1990-XX-XX UTM: Zone-11 N3806606 E272229 Range: 25W
 Origin: Natural/Native occurrence Site: 1994-XX-XX Precision: NON-SPECIFIC Section: UN Qtr XX
 Presence: Presumed Extant Trend: Unknown Symbol Type: POLYGON Meridian: S
 Main Source: SAKAI, W. 1994 (OBS) Area: 16.7 ac Elevation: 40 ft
 Quad Summary: WHITE LEDGE PEAK (3411944/141B)
 County Summary: SANTA BARBARA, VENTURA
 SNA Summary:
 Location: RINCON CREEK, JUST NORTH OF HWY 101 NEAR RINCON POINT, 3 MILES SE OF CARPINTERIA.
 Comment:
 Distribution:
 Ecological: HABITAT CONSISTS OF A SMALL GROVE OF EUCLYPTUS TREES IN A GULLY OF RINCON CREEK; PROTECTED ON THE NORTH AND WEST BY A HILL.
 Threat:
 General: AUTUMNAL SITE, BUT SOME MONARCHS USUALLY PERSIST PAST JANUARY 1. 1000 MONARCHS WERE OBSERVED IN FALL 1990. A SINGLE VISIT TO THIS SITE IN 1993 94 FOUND ONLY FLYERS; NO CLUSTERS.
 Owner/Manager: UNKNOWN

Occurrence No. 269 Map Index: 26316 Lat/Long: 34°23'21" / 119°30'33" Township: 04N
 Occ Rank: Excellent Element: 1996 01 XX UTM: Zone-11 N3807976 E269321 Range: 25W

Origin: Natural/Native occurrence Site: 1996-01 XX Precision: SPECIFIC Section: UN Qtr XX
Presence: Presumed Extant Symbol Type: POLYGON Meridian: S
Trend: Fluctuating Area: 8.5 ac Elevation: 50 ft

Main Source: SAKAI, W. 1993 (OBS)
Quad Summary: CARPINTERIA (3411945/142A)
County Summary: SANTA BARBARA
SNA Summary:

Location: CHEVRON PARK SITE, EAST OF CARPINTERIA STATE BEACH.
Comments: AAAAAAAAAA

Distribution:
Ecological: HABITAT CONSISTS OF EUCALYPTUS WINDROWS TO THE NORTH, EAST, AND WEST. PINES BORDER THE SOUTH AND SPRR TRACKS,
BUT ARE TOO SPARSE FOR MONARCH USE.

Threat: THREATS INCLUDE TREE TRIMMING - TREES WERE SEVERELY TRIMMED IN 1989.
General: LARGE SITE PRIOR TO 1989 (TREE TRIMMING); MONARCHS NUMBERING 10K+. FLYERS OBSERVED IN 1989-90, 1990-91,
1991-92. SITE USED IN 1992-93; 20K USED THE SITE IN 1993-94. 5000 OBSERVED IN DEC 1994; 2500 IN JAN 1995. 45K
OBSERVED IN 1995-96.

Owner/Manager: PVT-CHEVRON USA

AA
AA

Date: 03/20/00 Padre Associates
Report: RF2WIDE Information dated 10/06/99

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Carpinteria & White Ledge Peak Quads

Occurrence No. 270 Map Index: 26314 Element: 1996-01-11 Site: 1996-01-11 Precision: SPECIFIC Symbol Type: POINT Radius: 80 meters Town: 04N Range: 26W Section: UN Qtr XX Meridian: S Elevation: 200 ft
 Occ Rank: Fair
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Fluctuating
 Main Source: SAKAI, W. 1990 (OBS)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary:
 Location: SOUTH END OF VALLEY CLUB ROAD, ENNISBROOKE.
 Comments:
 Distribution: LOCATED AT THE SOUTHERN END OF VALLEY CLUB ROAD, AS IT TURNS EAST TOWARD THE CLUBHOUSE. PREVIOUS SITE WAS LOCATED TO THE NORTH OF THIS SITE.
 Ecological: HABITAT CONSISTS OF A MIXED GROVE OF EUCALYPTUS/OAKS/EXOTICS.
 Threat: EUCALYPTUS BEETLE IS CAUSING TREE MORTALITY.
 General: 1000-2000 OBSERVED ON 18 JANUARY 1990; -100 OBSERVED ON 27 JANUARY 1990. 500 OBSERVED IN 1992-93. 200 OBSERVED IN 1993-94. NONE OBSERVED IN NOV 1994 (POOR YEAR). 15K OBSERVED ON 11 JANUARY 1996.
 Owner/Manager: PVT

Occurrence No. 271 Map Index: 26315 Element: 1990-01-20 Site: 1996-01-14 Precision: NON-SPECIFIC Symbol Type: POINT Radius: 1/5 mile Town: 04N Range: 26W Section: UN Qtr XX Meridian: S Elevation: 100 ft
 Occ Rank: None
 Origin: Natural/Native occurrence
 Presence: Extirpated
 Trend: Fluctuating
 Main Source: SAKAI, W. 1990 (OBS)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary:
 Location: NW OF THE INTERSECTION OF VIA REAL AND PADARO LANE, BETWEEN SUMMERLAND AND SERENA PARK.
 Comments:
 Distribution:
 Ecological: HABITAT CONSISTED OF AN "L" SHAPED GROVE OF DROUGHT-STRESSED EUCALYPTUS.
 Threat: SITE EXTIRPATED WHEN OWNER CUT ROOST TREES DOWN.
 General: 50 FLYERS OBSERVED, BUT NO CLUSTERS OBSERVED ON 20 JANUARY 1990. NO MONARCHS FOUND ON 14 JAN 1996 - OWNER CUT DOWN ROOST TREES!
 Owner/Manager: PVT

Occurrence No. 317 Map Index: 33431 Element: 1996-01-11 Site: 1996-01-11 Precision: SPECIFIC Symbol Type: POINT Radius: 80 meters Town: 04N Range: 26W Section: UN Qtr XX Meridian: S Elevation: 200 ft
 Occ Rank: Fair
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Fluctuating
 Main Source: SAKAI, W. 1990 (OBS)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary:
 Location: SOUTH END OF VALLEY CLUB ROAD, ENNISBROOKE.
 Comments:
 Distribution: LOCATED AT THE SOUTHERN END OF VALLEY CLUB ROAD, AS IT TURNS EAST TOWARD THE CLUBHOUSE. PREVIOUS SITE WAS LOCATED TO THE NORTH OF THIS SITE.
 Ecological: HABITAT CONSISTS OF A MIXED GROVE OF EUCALYPTUS/OAKS/EXOTICS.
 Threat: EUCALYPTUS BEETLE IS CAUSING TREE MORTALITY.
 General: 1000-2000 OBSERVED ON 18 JANUARY 1990; -100 OBSERVED ON 27 JANUARY 1990. 500 OBSERVED IN 1992-93. 200 OBSERVED IN 1993-94. NONE OBSERVED IN NOV 1994 (POOR YEAR). 15K OBSERVED ON 11 JANUARY 1996.
 Owner/Manager: PVT

Occ Rank: Pair
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Unknown
 Main Source: SAKAI, W. 1996 (OBS)
 Quad Summary: WHITE LEDGE PEAK (3411944/141B)
 County Summary: SANTA BARBARA
 SNA Summary:
 Location: WEST END OF CINDY LANE, 0.5 MILE NORTH OF THE INTERSECTION OF HWY 101 AND HWY 150, CARPINTERIA.
 Distribution: SITE IS LOCATED AT THE WEST END OF CINDY LANE BEHIND SOME INDUSTRIAL BUILDINGS.
 Ecological: HABITAT IS LOCATED WITHIN AN INDUSTRIAL PARK AND CONSISTS OF PLANTED EUCALYPTUS AS THE ROOST SITE; SURROUNDING
 NECTAR SOURCE IS CITRUS ORCHARD.
 Threat:
 General: 2000 OBSERVED IN NOVEMBER 1995; BY 28 DECEMBER 1995, 100'S WERE OBSERVED.
 Owner/Manager: PVT

UTM: Zone-11 N3807940 E271865
 Precision: NON-SPECIFIC
 Symbol Type: POINT
 Radius: 1/5 mile
 Range: 25W
 Section: UN Qtr XX
 Meridian: S
 Elevation: 240 ft

Element: 1995.12.28
 Site: 1995.12.28

Date: 03/20/00
 Report: RP2WIDE

Padre Associates
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Carpinteria & White Ledge Peak Quads

ATRIPLEX COULTERI
COULTER'S SALTBUUSH
Element Code: PDCH040E0
Federal: None
State: None
Global: G2
State: S2.2
R-E-D Code: 2-2-2
Element Rank: S2.2
CNPS List: 1B
Other Lists: S2.2

Habitat Associations
General: COASTAL BLUFF SCRUB, COASTAL DUNES, COASTAL SCRUB, VALLEY AND FOOTHILL GRASSLAND.
Micro: OCEAN BLUFFS, RIDGETOPS, AS WELL AS ALKALINE LOW PLACES. 10-440M.

Occurrence No. 15 Map Index: 27647 Dates Last Seen: 1927-11-27 Lat/Long: 34°23'44" / 119°31'03" Township: 04N
Occ Rank: Unknown Element: 1927-11-27 UTM: Zone-11 N3808680 E268567 Range: 25W
Origin: Natural/Native occurrence Site: 1927-11-27 Precision: NON-SPECIFIC Section: UN Qtr XX
Presence: Presumed Extant Symbol Type: POINT Meridian: S
Trend: Unknown Radius: 4/5 mile Elevation: 40 ft

Main Source: MASON, H. #4149 UC #M076498 (HERB)
Quad Summary: CARPINTERIA (3411945/142A)
County Summary: SANTA BARBARA

SNA Summary:
Location: CARPINTERIA, ALONG OCEAN BLUFF.

Comments:
Distribution:
Ecological:
Threat:
General: NONE.
Owner/Manager: UNKNOWN

Date: 03/20/00 Padre Associates
Report: RF2WIDE Information dated 10/06/99

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Carpinteria & White Ledge Peak Quads

QUERCUS DUMOSA
 NUTTALL'S SCRUB OAK
 Element Code: PDEFAG050D0
 Status: None
 State: None
 Federal: Species of Concern
 Global: G2
 Element Ranks: Other Lists
 CNPS List: 1B
 R-E-D Code: 2-3-2

Habitat Associations

General: CLOSED-CONE CONIFEROUS FOREST, CHAPARRAL, COASTAL SCRUB. MORE COMMON SCRUB OAK NOW = Q. BERBERIDIFOLIA.
 Micro: GENERALLY ON SANDY SOILS NEAR THE COAST; SOMETIMES ON CLAY LOAM. 15'-400M.

Occurrence No. 1 Map Index: 26515
 Occ Rank: Excellent
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Unknown

Main Source: CARROLL, M. 1992 (OBS)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA

SNA Summary:

Location: WEST OF TORO CANYON ROAD ABOUT 1 MILE NORTH OF HIGHWAY 101, NORTHWEST OF CARPINTERIA.

Distribution:

Ecological: CHAPARRAL WITH MANY DOMINANTS INCLUDING CEANOETHUS MEGACARPUS, C. SPINOSUS, COMAROSTAPHYLIS DIVERSIFOLIA, AND CALOCHORTUS CATALINAE.
 Threat: 50-100 PLANTS OBSERVED IN 1990-1992. SITE IS WITHIN A 90 ACRE PRIVATE PARCEL (SANTA BARBARA BOTANIC GARDEN IS CARETAKER).

Owner/Manager:

PVT

Occurrence No. 2 Map Index: 26516
 Occ Rank: Excellent
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Unknown

Main Source: CARROLL, M. 1992 (OBS)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA

SNA Summary:

Location: BETWEEN ARROYO PREDON AND SANTA MONICA CANYON ALONG PRIVATE ROAD, ABOUT 3 MILES NNW OF CARPINTERIA.

Distribution:

Ecological: CHAPARRAL ON SESPE FORMATION SOILS. ASSOCIATED WITH CEANOETHUS MEGACARPUS, MALACOTHAMNUS FASCICULATUM, CALOCHORTUS CATALINAE, TAUSCHIA HARTWEGII, AND SCUTELLARIA TUBEROSA. UP TO 75-80% COVER BY QUERCUS DUMOSA.
 Threat: POSSIBLE DEVELOPMENT.
 General: THOUSANDS OF PLANTS OBSERVED IN 1992.

Owner/Manager:

PVT

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 Carpinteria & White Ledge Peak Quads

CORDYLANTHUS MARITIMUS SSP MARITIMUS
 SALT MARSH BIRD'S-BEAK
 Element Code: PDSCROJ0C2
 List Status: Endangered
 Federal: Endangered
 State: Endangered
 Global: G3T2
 Element Rank: Other Lists: 1B
 R-E-D Code: 2-2-2
 CNPS List: 1B

Habitat Associations
 General: COASTAL SALT MARSH, COASTAL DUNES.
 Micro: LIMITED TO THE HIGHER ZONES OF THE SALT MARSH HABITAT. 0-30M.

Occurrence No. 17 Map Index: 15125
 Occ Rank: Unknown Lat/Long: 34°24'08" / 119°32'26" Township: 04N
 Origin: Natural/Native occurrence UTM: Zone-11 N3809496 E266459 Range: 25W
 Presence: Presumed Extant Site: 1984-07-19 Precision: SPECIFIC Section: 30 Qtr XX
 Trend: Unknown Symbol Type: POINT Meridian: S
 Radius: 80 meters Elevation: 10 ft

Main Source: FERREN, W. 1980 (PERS)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary: Carpinteria Salt Marsh
 Location: CARPINTERIA SALT MARSH, WEST SIDE OF MARSH ABOUT 0.3 MILE SOUTHEAST OF SANDYLAND, WEST OF CARPINTERIA.
 Distribution: EAST SIDE OF SAND POINT ROAD ABOUT 0.3 MILE FROM SPRR TRACKS.
 Ecological: LOWER SALT MARSH ON SANDY LOAMS WITH SALICORNIA SUBTERMINALIS, DISTICHLIS SPICATA, FRANKENIA GRANDIFOLIA, MONANTHOCHLOE LITTORALIS, JAUMEA CARNOSA, CRESSA TRUKILLENIS, CUSCUTA SALINA, AND HALLOPAPPUS SP.
 Threat: INCREASED TIDAL FLOW IN 1984 CREATED WETTER CONDITIONS. COMPETITION WITH INVASIVE LIMONIUM RAMOSISSIMUM THREATENS.

General: 2600+ PLANTS REPORTED IN 1980, 1000+ IN 1983, 300+ IN 1984; FLUCTUATIONS POSSIBLY DUE TO CLIMATIC CONDITIONS AND DREDGING AT MOUTH OF MARSH.
 Owner/Manager: UCLMRS-CARPINTERIA SALT MARSH

Occurrence No. 18 Map Index: 15124
 Occ Rank: Unknown Lat/Long: 34°24'17" / 119°32'35" Township: 04N
 Origin: Natural/Native occurrence UTM: Zone-11 N3809796 E266237 Range: 25W
 Presence: Presumed Extant Site: 1981-XX-XX Precision: SPECIFIC Section: 30 Qtr XX
 Trend: Unknown Symbol Type: POINT Meridian: S
 Radius: 80 meters Elevation: 10 ft

Main Source: FERREN, W. 1981 (PERS)
 Quad Summary: CARPINTERIA (3411945/142A)
 County Summary: SANTA BARBARA
 SNA Summary: Carpinteria Salt Marsh
 Location: CARPINTERIA SALT MARSH, AT NW END OF MARSH JUST EAST OF SANDYLAND, WEST OF CARPINTERIA.
 Distribution: MAPPED JUST SOUTH OF RR TRACKS AND JUST EAST OF SAND POINT ROAD.
 Ecological:
 Threat: COMPETITION WITH INVASIVE LIMONIUM RAMOSISSIMUM THREATENS.
 General: 3 PLANTS OBSERVED IN 1978; NONE SEEN SINCE (FERREN 1981).
 Owner/Manager: UNKNOWN

AA

Occurrence No. 19 Map Index: 15135 Dates last Seen: 119032'19" Township: 04N
Occ Rank: None Element: 1956-09-21 UTM: Zone-11 N3809712 E266634 Range: 25W
Origin: Natural/Native occurrence Site: 1956-09-21 Precision: NON-SPECIFIC Section: 30 QLR XX
Presence: Possibly Extirpated Symbol Type: POINT Meridian: S
Trend: Unknown Radius: 1/10 mile Elevation: 10 ft

Main Source: POLLARD SN CAS (HERB)
Quad Summary: CARPINTERIA (3411945/142A)
County Summary: SANTA BARBARA
SNA Summary:
Location: CARPINTERIA SALT MARSH, NORTH SIDE OF MARSH ALONG RR TRACKS NEAR JCT OF HWY 101 AND CARPINTERIA RD, WEST OF CARPINTERIA.

Comments: CLIFF SMITH (SBMNH) TOLD WAYNE FERREN THAT POLLARD COLLECTION CAME FROM WHERE THIS IS NOW MAPPED.

Ecological:
Threat: COMPETITION WITH INVASIVE LIMONIUM RAMOSSIMUM THREATENS.
General: THIS LOCALITY NO LONGER SUPPORTS THE PLANT (FERREN 1981).
Owner/Manager: UNKNOWN

AA
AA
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Carpinteria & White Ledge Peak Quads

UNAKKAAA
CORDYLANTHUS MARITIMUS SSP MARITIMUS (cont.)
SALT MARSH BIRD'S-BEAK
Element Code: P0SCROJ0C2
AAAAList Status: Endangered
Federal: Endangered
State: Endangered
Global: G3T2
R-E-D Code: 2-2-2
CNPS List: 1B
Other Lists: AAAAA

Occurrence No. 20 Map Index: 15145 Dates Last Seen: 119032'02"
Occ Rank: Unknown Element: 1984-07-19 UTM: Zone-11 N3809350 E267059 Range: 25W
Origin: Natural/Native occurrence Site: 1984-07-19 Precision: SPECIFIC Section: 30 Qtr XX
Presence: Presumed Extant Symbol Type: POLYGON Meridian: S
Trend: Unknown Area: 4.0 ac Elevation: 10 ft

Main Source: PATMAN, J. #1148 SBBG (HERB)
Quad Summary: CARPINTERIA (3411945/142A)
County Summary: SANTA BARBARA
SNA Summary: Carpinteria Salt Marsh
Location: CARPINTERIA SALT MARSH, ALONG APPLE ROAD NEAR CENTER OF MARSH, WEST OF CARPINTERIA.
Comments: AAAAA

Distribution:
Ecological: LOWER TO MID SALT MARSH ON SANDY LOAMS WITH SALICORNIA, DISTICHLIS, FRANKENIA, MONANTHOCHLOE.
Threat: INCREASED TIDAL FLOW IN 1984 CREATED WETTER CONDITIONS. COMPETITION WITH INVASIVE LIMONIUM RAMOSISSIMUM THREATENS.

General: 300+ SEEN IN 1984.
Owner/Manager: UCLWRS-CARPINTERIA SALT MARSH

AAAAA
Date: 03/20/00 Padre Associates
Report: RF2WIDE Information dated 10/06/99

AA

Occurrence No. 8 Map Index: 27677 Dates Last Seen: Lat/Long: 34°25'40" / 119°30'04" Township: 04N
Occ Rank: Unknown Element: 1923-07-24 UTM: Zone 11 N3812230 E270171 Range: 25W
Origin: Natural/Native occurrence Site: 1923-07-24 Precision: NON-SPECIFIC Section: 16 Qtr E
Presence: Presumed Extant Trend: Unknown Symbol Type: POLYGON Meridian: S
Elevation: 900 ft

Main Source: GRANT, A. #1699 POW #226426 (HERB)
Quad Summary: CARPINTERIA (3411945/142A)*, WHITE LEDGE PEAK (3411944/141B)

County Summary: SANTA BARBARA
SNA Summary:

Location: FRANKLIN CANYON TRAIL BEYOND CARPINTERIA.
Comments: AAAAAAAAAA

Distribution: MAPPED AS BEST GUESS AT NDDB; NEED BETTER LOCATION INFO.
Ecological: ON OPEN, DRY HILLSIDES.

Threat:
General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1923 COLLECTION BY GRANT.
Owner/Manager: UNKNOWN

AA

Date: 03/20/00 Padre Associates
Report: REZ WIDE Information dated 10/06/99

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Carpinteria & White Ledge Peak Quads

FRITILLARIA OJAIENSIS
OJAI FRITILLARY
Element Code: PMLILOVONO
Federal: Species of Concern Global: GI
State: None State: SI.2
R-E-D Code: 3-2-3
Other Lists: IB

Habitat Associations
General: BROADLEAVED UPLAND FOREST (MESIC), CHAPARRAL, LOWER MONTANE CONIFEROUS FOREST.
Micro: ROCKY SITES; ONE REPORTED AS "MOIST SHALE TALUS." 300-670M.

Occurrence No. 10 Map Index: 40311 Dates Last Seen: 3428'41" / 11923'26" Township: 05N
Occ Rank: Unknown Element: XXX-XX-XX UTM: Zone-11 N3817570 E280434 Range: 24W
Origin: Natural/Native occurrence Site: XXX-XX-XX Precision: NON-SPECIFIC Section: 33 Qtr XX
Presence: Presumed Extant Symbol Type: POLYGON Meridian: S
Trend: Unknown Area: 381.8 ac Elevation: 4400 ft

Main Source: MAGNEY, D. 1993 (PERS)
Quad Summary: WHITE LEDGE PEAK (3411944/141B)*, MATILUJA (3411943/141A)
County Summary: VENTURA

SNA Summary:

Location: EAST END OF SANTA YNEZ MOUNTAINS ON OCEAN VIEW TRAIL, WEST OF OJAI.

Comments:

Distribution: EXACT LOCATION NOT KNOWN; MAPPED AS NON-SPECIFIC FEATURE ALONG ENTIRE TRAIL TO REFLECT UNCERTAINTY.

Ecological:

Threat:

General: ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS SITE NAME NOTED BY MAGNEY.

Owner/Manager: USFS-LOS PADRES NF

Date: 03/20/00 Padre Associates
Report: REP2WIDE Information dated 10/06/99

